

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041866.D
 Acq On : 09 Jan 2025 15:15
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 09 15:38:18 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M

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

QLast Update : Thu Jan 09 15:10:07 2025

Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Mahesh Dadoda 01/10/2025
 Supervised By : Semsettin Yesilyurt 01/10/2025

01/10/2025
 Supervised By : Semsettin
 Yesilyurt

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

Internal Standards						
1) Bromochloromethane	2.800	49	133443	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.978	114	399044	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.901	117	363459	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.393 95 291470 10.001 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.502	85	213962	9.767	ppbv	99
3) Chlorodifluoromethane	1.479	51	225635	9.377	ppbv	100
4) Chloromethane	1.538	50	80251	9.424	ppbv	97
5) Vinyl Chloride	1.586	62	79865	8.819	ppbv	99
6) Bromomethane	1.674	94	37306	8.740	ppbv	98
7) Chloroethane	1.709	64	31703	9.031	ppbv	100
8) Dichlorotetrafluoroethane	1.560	85	181663	9.538	ppbv	94
9) Propene	1.489	41	99446	8.857	ppbv	99
10) Heptane	5.004	43	273051	9.222	ppbv	95
11) Trichlorofluoromethane	1.884	101	215460	9.569	ppbv	96
12) 1,1,2-Trichlorotrifluo...	2.149	101	171593	9.420	ppbv	92
13) Ethanol	1.729	45	5044m	7.073	ppbv	
14) Bromoethene	1.787	108	61700	9.463	ppbv	97
15) Acetone	1.842	43	172416	7.661	ppbv	94
16) 1,3-Butadiene	1.615	39	83662	8.654	ppbv	93
17) tert-Butyl alcohol	2.049	59	246893	9.669	ppbv	100
18) 1,1-Dichloroethene	2.043	96	79001	9.584	ppbv	81
19) Isopropyl Alcohol	1.894	45	103696	8.766	ppbv #	1
20) Methylene Chloride	2.069	84	65389	8.517	ppbv	91
21) Allyl Chloride	2.104	41	131366	9.122	ppbv	93
22) trans-1,2-Dichloroethene	2.350	96	87967	9.216	ppbv	92
23) Vinyl Acetate	2.473	43	107320	9.411	ppbv #	93
24) 1,1-Dichloroethane	2.418	63	167453	9.264	ppbv	99
25) Ethyl Acetate	2.849	43	537722	9.615	ppbv	99
26) Hexane	2.839	57	213717	9.290	ppbv	89
27) Carbon Disulfide	2.159	76	211082	9.579	ppbv #	88
28) Methyl tert-Butyl Ether	2.454	73	150727	8.585	ppbv	99
29) Chloroform	2.861	83	302132	9.385	ppbv	98
30) Cyclohexane	3.878	84	187848	9.508	ppbv #	88
31) cis-1,2-Dichloroethene	2.732	61	215939	9.604	ppbv	97
32) 1,1,1-Trichloroethane	3.383	97	308704	9.654	ppbv	95
34) 2-Butanone	2.567	43	305484	9.209	ppbv	97
35) Carbon Tetrachloride	3.781	117	302110	9.742	ppbv	97
36) Benzene	3.674	78	448544	9.689	ppbv	96
37) 1,2-Dichloroethane	3.234	62	233663	9.621	ppbv #	96
38) Trichloroethene	4.570	130	171695	9.393	ppbv	96
39) 1,2-Dichloropropane	4.334	63	157431	9.560	ppbv #	85
40) 1,4-Dioxane	4.606	88	74011	8.937	ppbv #	76
41) Tetrahydrofuran	3.069	42	181706	9.327	ppbv	92
42) Bromodichloromethane	4.512	83	329142	9.864	ppbv	97
43) Methyl Methacrylate	4.907	69	179603	9.474	ppbv	87
44) 2,2,4-Trimethylpentane	4.668	57	741253	9.479	ppbv	93
45) t-1,3-Dichloropropene	6.444	75	182207	9.391	ppbv	97

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M

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

QLast Update : Thu Jan 09 15:10:07 2025

Response via : Initial Calibration

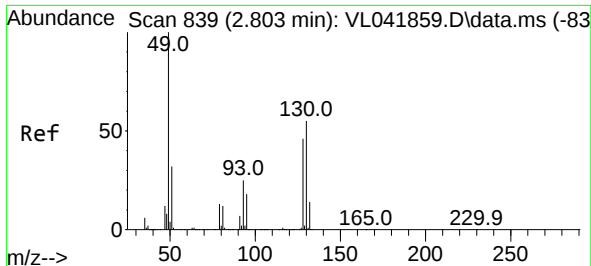
Manual Integrations APPROVED

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 Yesilyurt

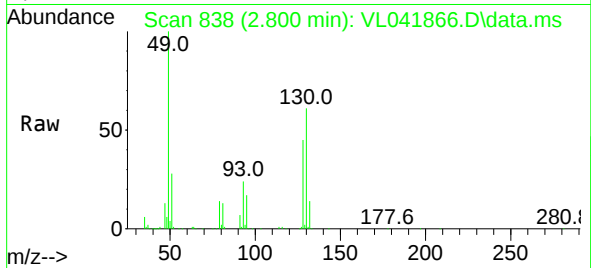
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	5.632	75	236106	9.483	ppbv	87	01/10/2025
47) 1,1,2-Trichloroethane	6.610	97	165331	9.543	ppbv	95	
48) Dibromochloromethane	7.409	129	266338	10.137	ppbv	99	
49) Bromoform	9.500	173	230376	10.047	ppbv	99	
50) 4-Methyl-2-Pentanone	5.784	43	447733	9.458	ppbv	92	
51) 2-Hexanone	7.458	43	363718	9.341	ppbv #	89	
52) Tetrachloroethene	8.244	164	151399	8.536	ppbv	96	
53) Toluene	6.959	91	517284	9.395	ppbv	100	
54) 1,2-Dibromoethane	7.674	107	226153	9.598	ppbv	99	
56) 1,1,1,2-Tetrachloroethane	8.943	131	209474	9.669	ppbv	100	
57) Chlorobenzene	8.940	112	383752	9.470	ppbv	97	
58) Ethyl Benzene	9.374	91	717041	9.595	ppbv	99	
59) m/p-Xylene	9.548	91	1117121m	18.915	ppbv		
60) o-Xylene	9.982	91	555689	9.433	ppbv	99	
61) Styrene	9.888	104	276061	9.385	ppbv	98	
62) Isopropylbenzene	10.555	105	835024	9.415	ppbv	100	
63) 1,1,2,2-Tetrachloroethane	9.979	83	327345	9.252	ppbv	100	
64) n-propylbenzene	11.002	120	211515	9.153	ppbv	98	
65) tert-Butylbenzene	11.545	119	747696	9.315	ppbv	96	
66) Benzyl Chloride	11.630	91	68070	8.187	ppbv	95	
67) sec-Butylbenzene	11.782	105	1020583	9.228	ppbv	99	
69) p-Isopropyltoluene	11.940	119	862841	9.143	ppbv	98	
70) n-Butylbenzene	12.296	91	843727	8.907	ppbv	98	
71) 2-Chlorotoluene	10.917	91	625951	9.116	ppbv	100	
72) 4-Ethyltoluene	11.141	105	668428	9.254	ppbv	99	
73) 1,3,5-Trimethylbenzene	11.218	105	572229	9.332	ppbv	99	
74) 1,2,4-Trimethylbenzene	11.552	105	607041	9.114	ppbv	91	
75) 1,3-Dichlorobenzene	11.623	146	348741	8.734	ppbv	99	
76) 1,4-Dichlorobenzene	11.688	146	351167	8.884	ppbv	98	
77) 1,2-Dichlorobenzene	11.963	146	336372	8.912	ppbv	99	
78) Hexachloro-1,3-Butadiene	13.895	225	247845	7.639	ppbv	99	
79) Naphthalene	13.526	128	544143	7.583	ppbv	99	
80) Naphthalene,2-methyl-	14.471	142	232206	6.000	ppbv	97	
81) 1,2,4-Trichlorobenzene	13.455	180	269501	7.888	ppbv	98	

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.800 min Scan# 839
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

Instrument :
MSVOA_L
ClientSampleId :



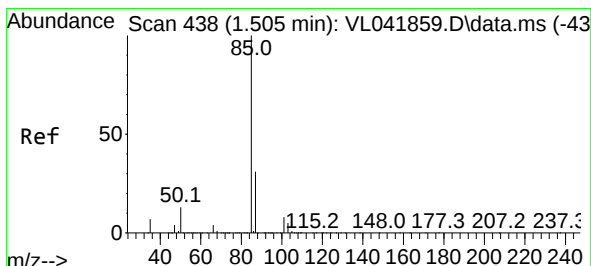
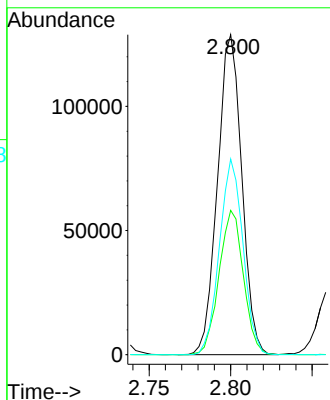
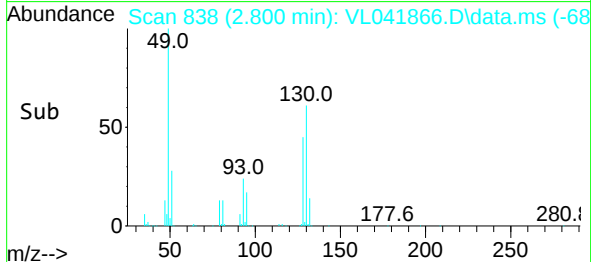
Tgt Ion: 49 Resp: 13344
Ion Ratio Lower Upper
49 100
128 45.3 19.7 59.1
130 59.3 26.4 79.2

Manual Integrations
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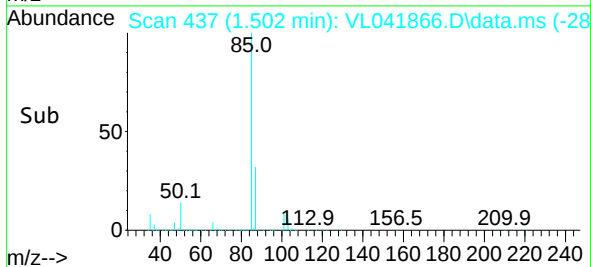
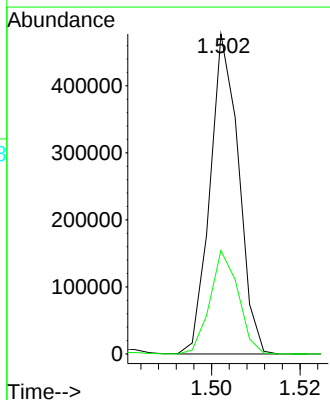
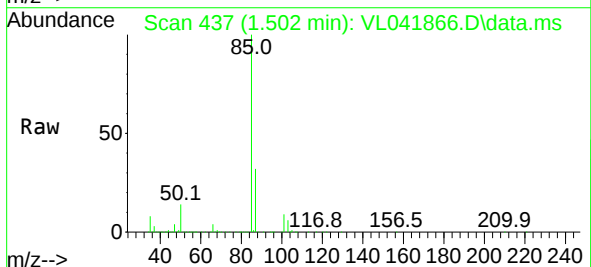
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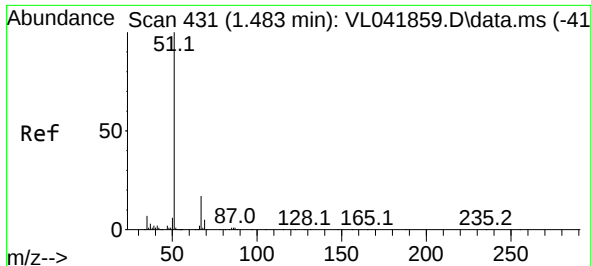
01/10/2025



#2
Dichlorodifluoromethane
Concen: 9.767 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

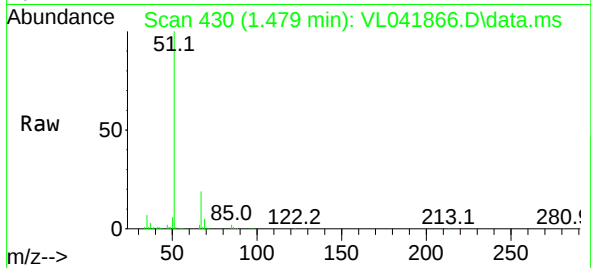
Tgt Ion: 85 Resp: 213962
Ion Ratio Lower Upper
85 100
87 32.3 25.6 38.4





#3
Chlorodifluoromethane
Concen: 9.377 ppbv
RT: 1.479 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

Instrument :
MSVOA_L
ClientSampleId :



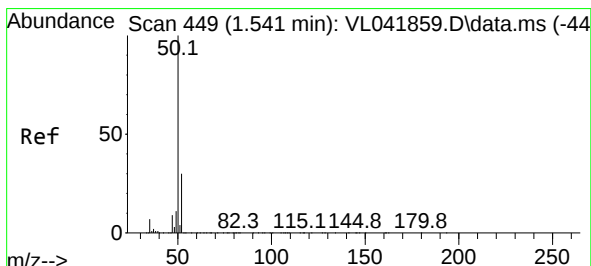
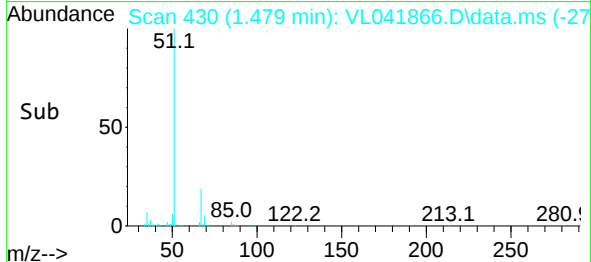
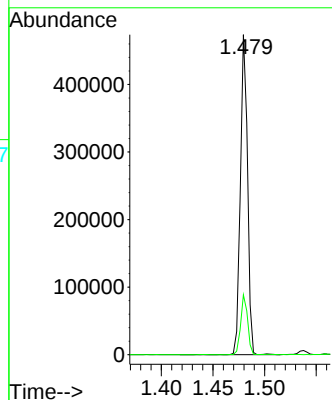
Tgt Ion: 51 Resp: 22563
Ion Ratio Lower Upper
51 100
67 18.5 14.6 22.0

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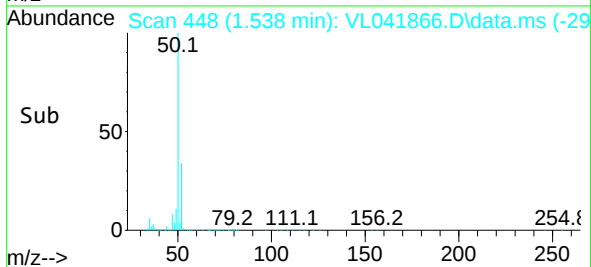
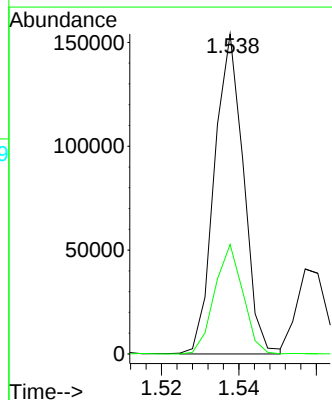
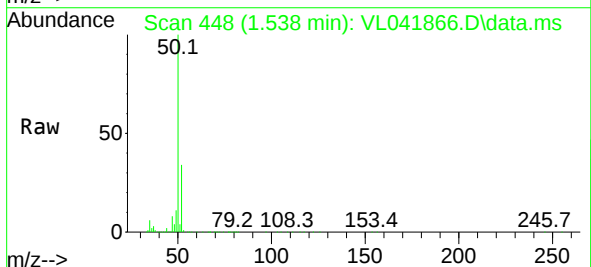
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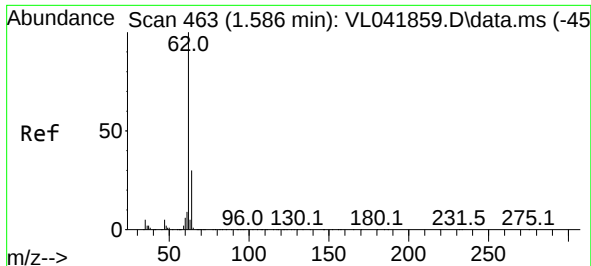
01/10/2025



#4
Chloromethane
Concen: 9.424 ppbv
RT: 1.538 min Scan# 448
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

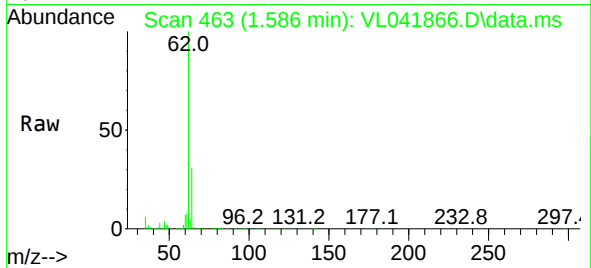
Tgt Ion: 50 Resp: 80251
Ion Ratio Lower Upper
50 100
52 34.3 26.1 39.1





#5
 Vinyl Chloride
 Concen: 8.819 ppbv
 RT: 1.586 min Scan# 40
 Delta R.T. 0.000 min
 Lab File: VL041866.D
 Acq: 09 Jan 2025 15:15

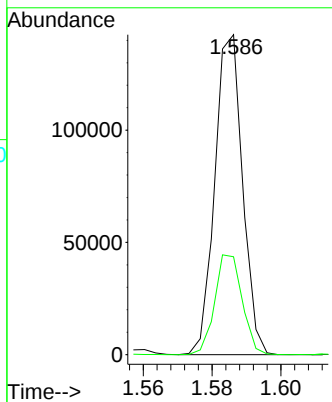
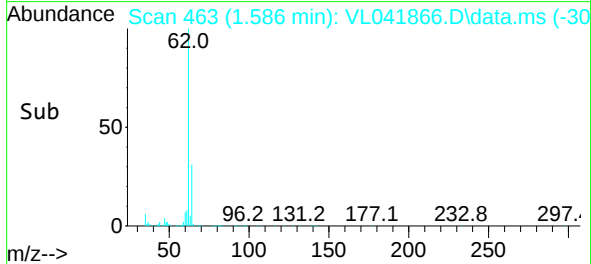
Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 62 Resp: 7986
 Ion Ratio Lower Upper
 62 100
 64 30.6 24.9 37.3

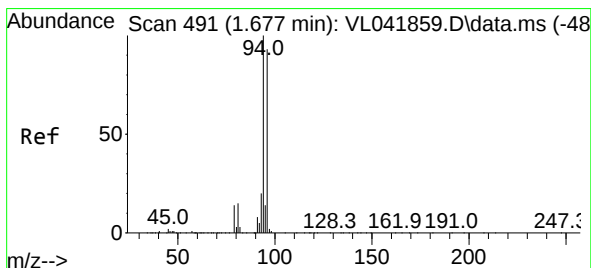
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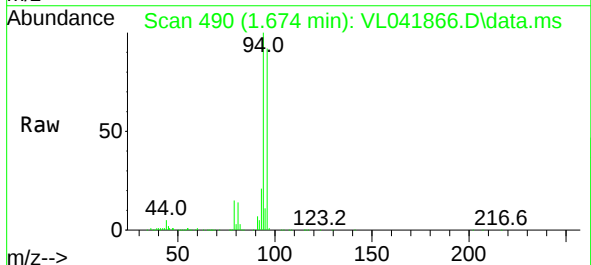


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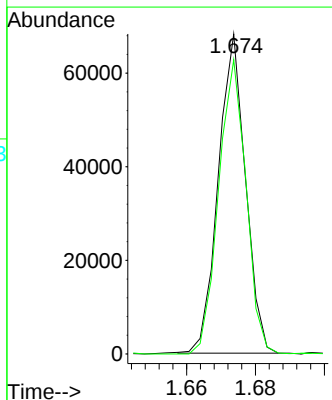
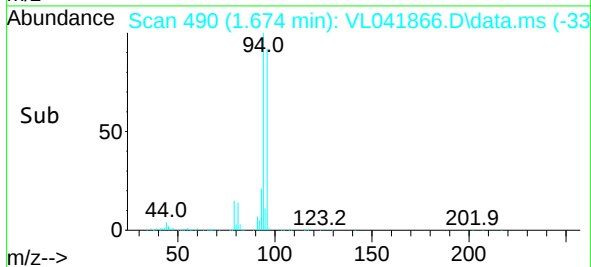
01/10/2025

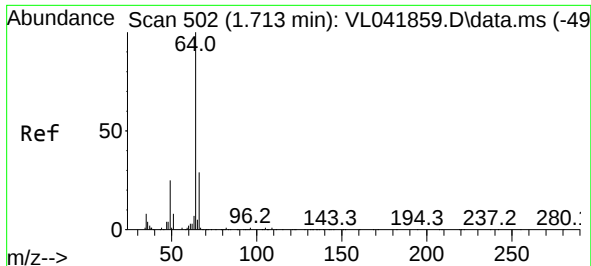


#6
 Bromomethane
 Concen: 8.740 ppbv
 RT: 1.674 min Scan# 490
 Delta R.T. 0.000 min
 Lab File: VL041866.D
 Acq: 09 Jan 2025 15:15



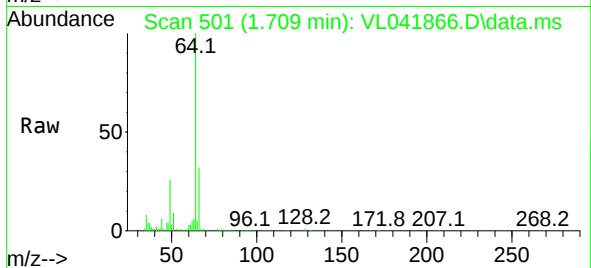
Tgt Ion: 94 Resp: 37306
 Ion Ratio Lower Upper
 94 100
 96 92.2 72.0 108.0





#7
Chloroethane
Concen: 9.031 ppbv
RT: 1.709 min Scan# 502
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

Instrument :
MSVOA_L
ClientSampleId :



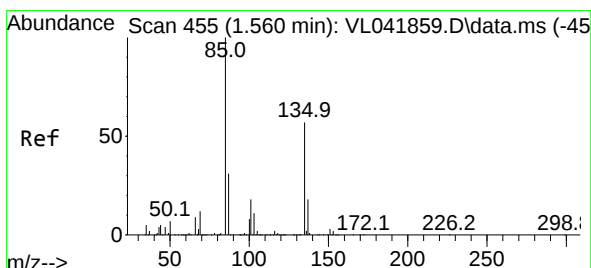
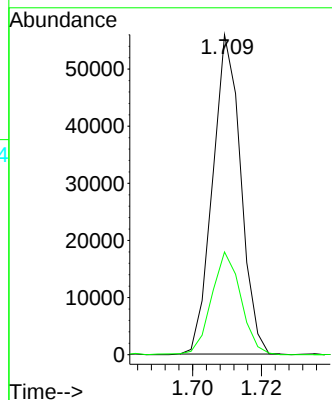
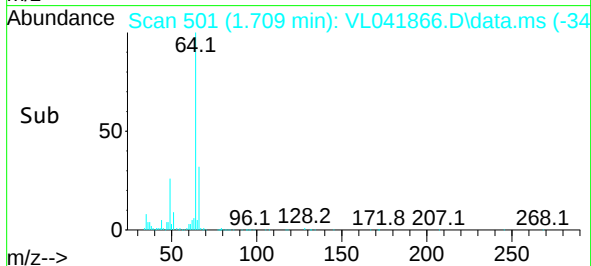
Tgt Ion: 64 Resp: 3170
Ion Ratio Lower Upper
64 100
66 32.1 25.6 38.4

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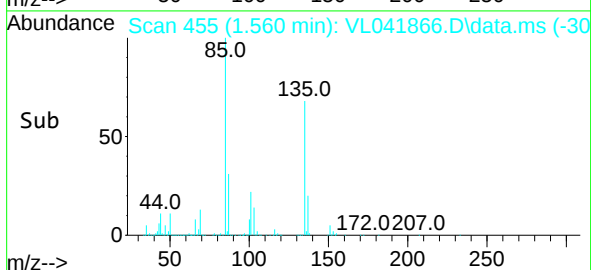
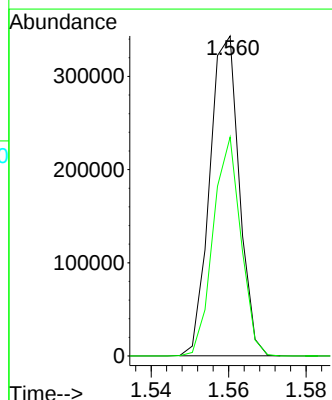
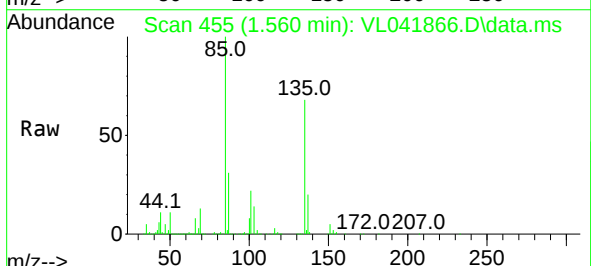
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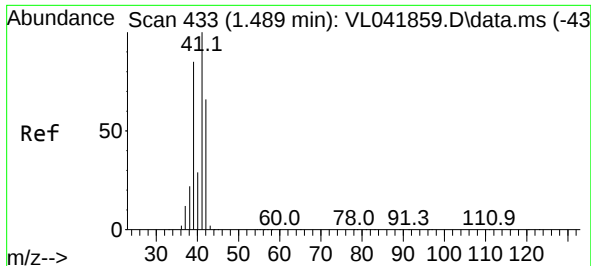
01/10/2025



#8
Dichlorotetrafluoroethane
Concen: 9.538 ppbv
RT: 1.560 min Scan# 455
Delta R.T. 0.003 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

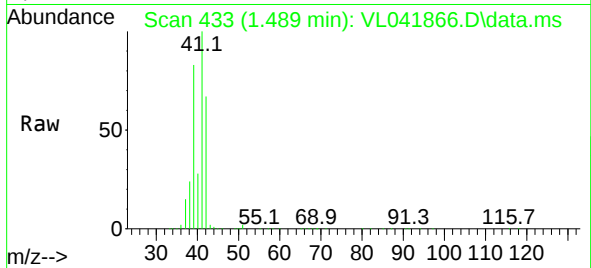
Tgt Ion: 85 Resp: 181663
Ion Ratio Lower Upper
85 100
135 64.2 47.9 71.9





#9
 Propene
 Concen: 8.857 ppbv
 RT: 1.489 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041866.D
 Acq: 09 Jan 2025 15:15

Instrument :
 MSVOA_L
 ClientSampleId :



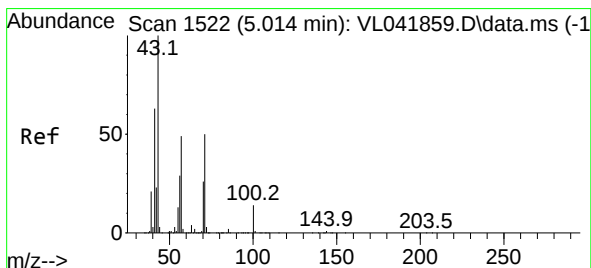
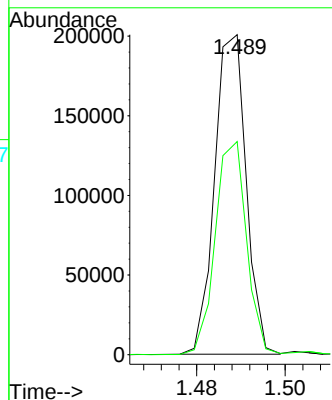
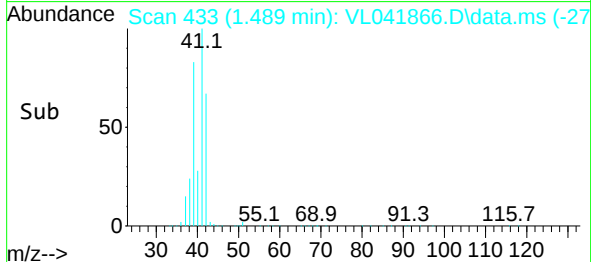
Tgt Ion: 41 Resp: 99440
 Ion Ratio Lower Upper
 41 100
 42 66.8 54.4 81.6

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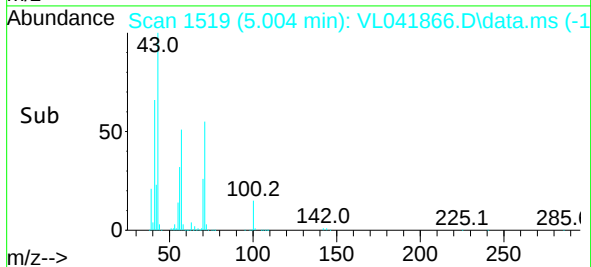
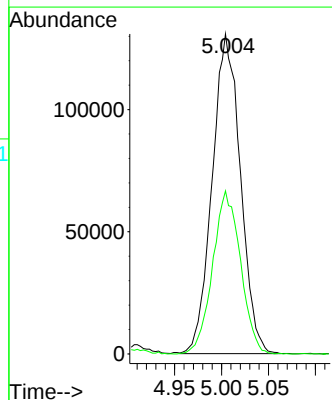
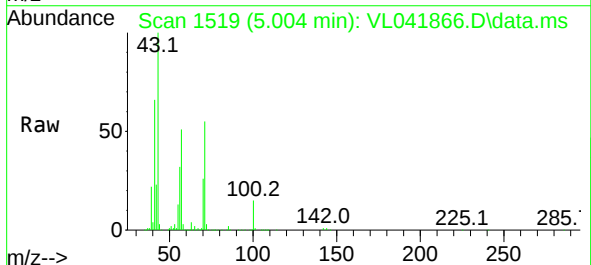
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 Yesilyurt

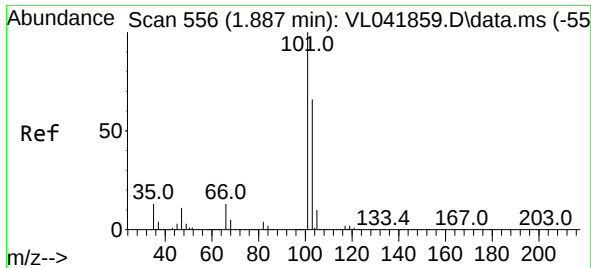
01/10/2025



#10
 Heptane
 Concen: 9.222 ppbv
 RT: 5.004 min Scan# 1519
 Delta R.T. 0.000 min
 Lab File: VL041866.D
 Acq: 09 Jan 2025 15:15

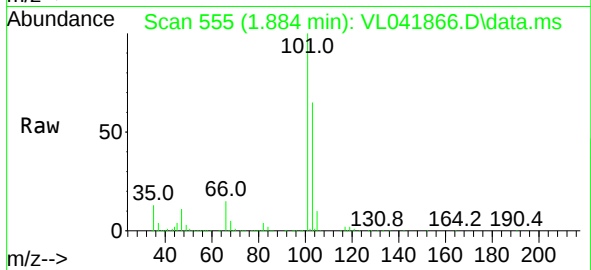
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 Ion Ratio Lower Upper
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 57 50.3 37.8 56.6





#11
Trichlorofluoromethane
Concen: 9.569 ppbv
RT: 1.884 min Scan# 511
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

Instrument :
MSVOA_L
ClientSampleId :



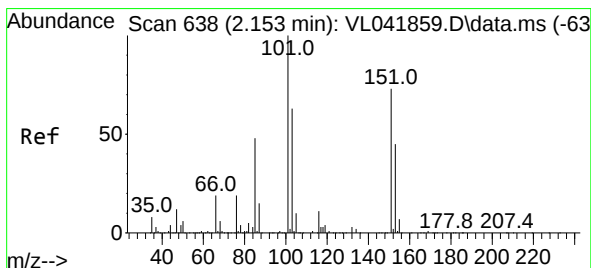
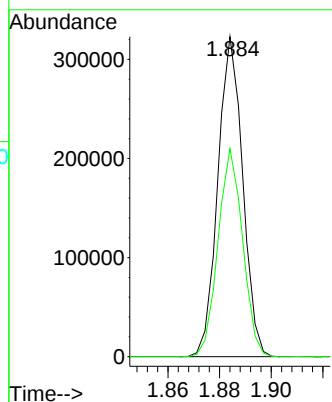
Tgt Ion:101 Resp: 215460
Ion Ratio Lower Upper
101 100
103 65.0 49.4 74.0

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Supervised By :Semsettin Yesilyurt 01/10/2025

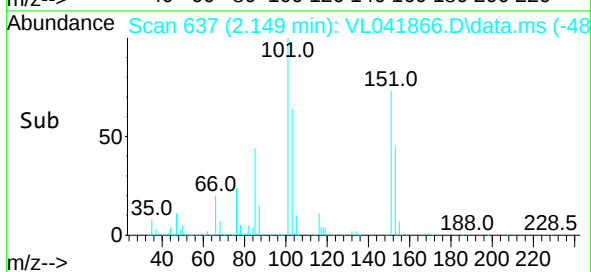
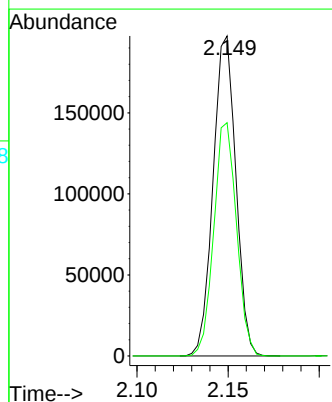
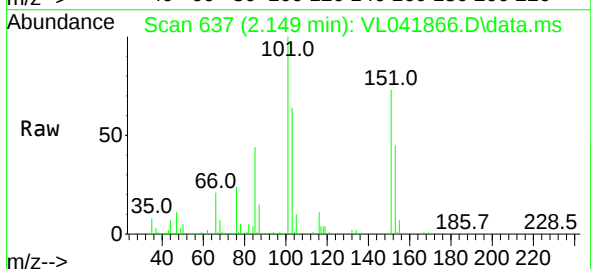
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Yesilyurt

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#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.420 ppbv
RT: 2.149 min Scan# 637
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

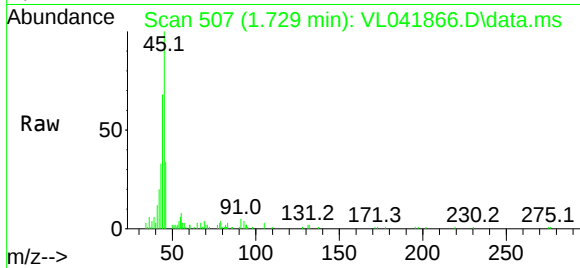
Tgt Ion:101 Resp: 171593
Ion Ratio Lower Upper
101 100
151 72.6 53.2 79.8





#13
Ethanol
Concen: 7.073 ppbv m
RT: 1.729 min Scan# 507
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

Instrument :
MSVOA_L
ClientSampleId :



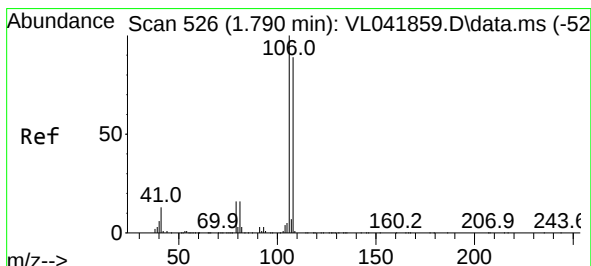
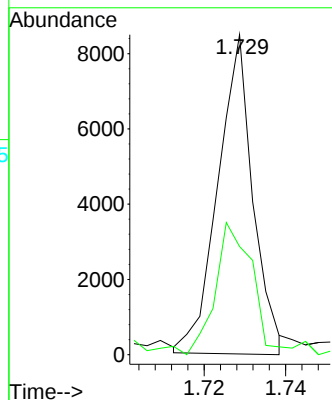
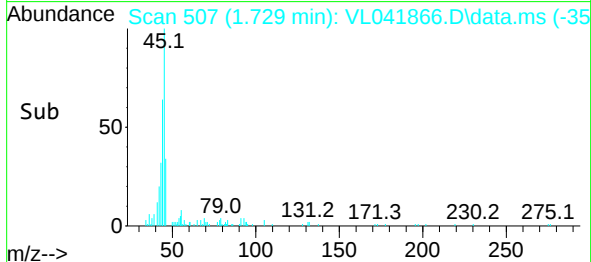
Tgt Ion: 45 Resp: 5044
Ion Ratio Lower Upper
45 100
46 50.6 16.1 64.5

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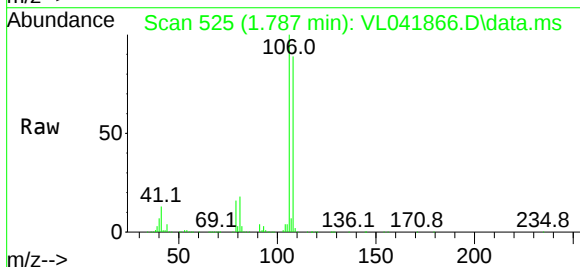
Reviewed By :Mahesh Dadoda 01/10/2025
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Yesilyurt

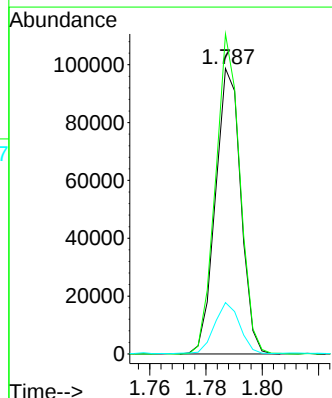
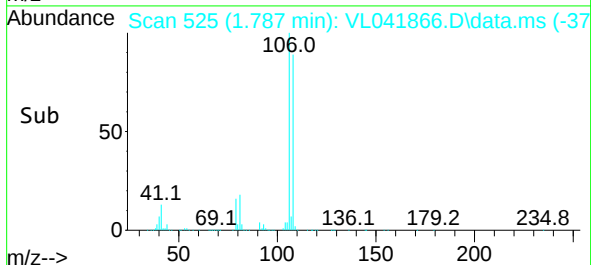
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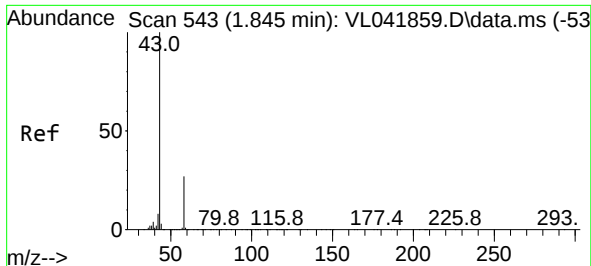


#14
Bromoethene
Concen: 9.463 ppbv
RT: 1.787 min Scan# 525
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15



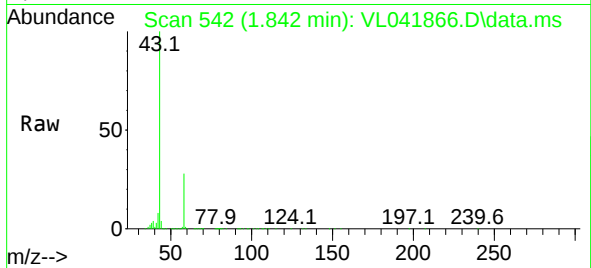
Tgt Ion:108 Resp: 61700
Ion Ratio Lower Upper
108 100
106 108.2 84.6 126.8
79 18.9 18.3 27.5





#15
Acetone
Concen: 7.661 ppbv
RT: 1.842 min Scan# 543
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

Instrument :
MSVOA_L
ClientSampleId :



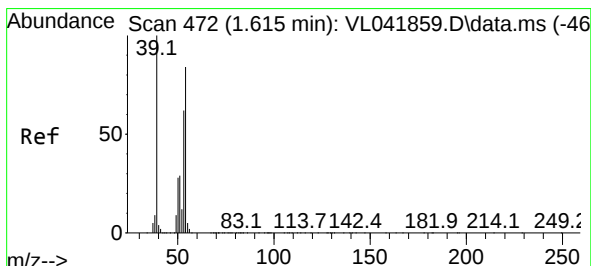
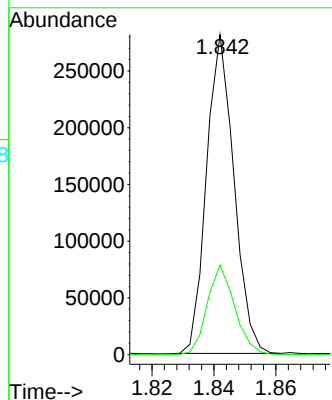
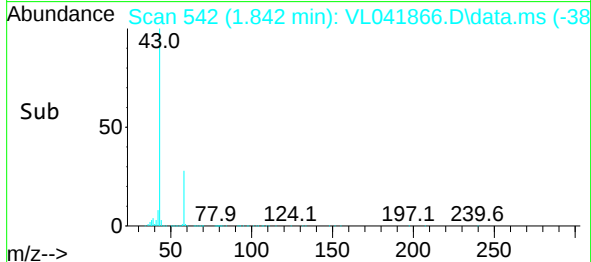
Tgt Ion: 43 Resp: 172410
Ion Ratio Lower Upper
43 100
58 28.4 20.2 30.2

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Supervised By :Semsettin Yesilyurt 01/10/2025

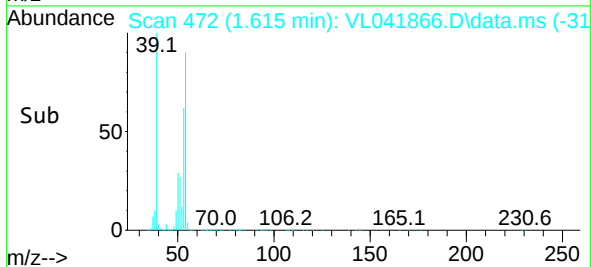
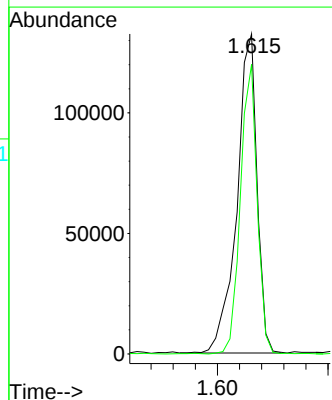
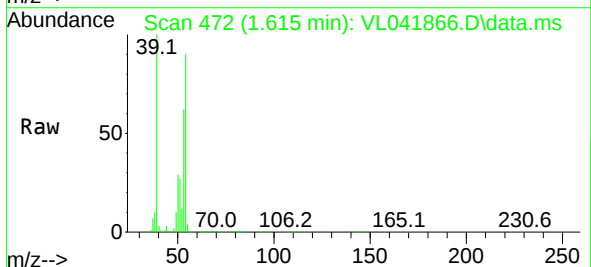
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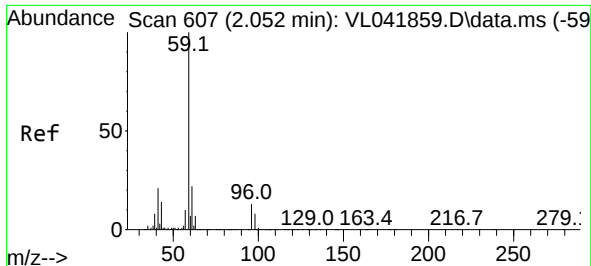
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#16
1,3-Butadiene
Concen: 8.654 ppbv
RT: 1.615 min Scan# 472
Delta R.T. 0.003 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

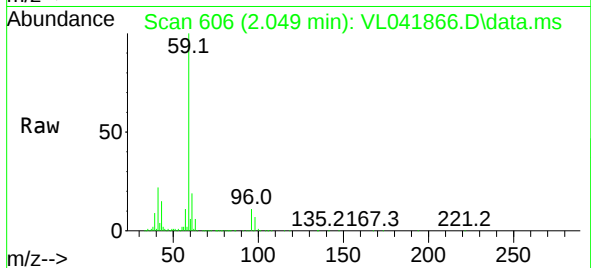
Tgt Ion: 39 Resp: 83662
Ion Ratio Lower Upper
39 100
54 76.2 56.2 84.4





#17
tert-Butyl alcohol
Concen: 9.669 ppbv
RT: 2.049 min Scan# 607
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

Instrument :
MSVOA_L
ClientSampleId :



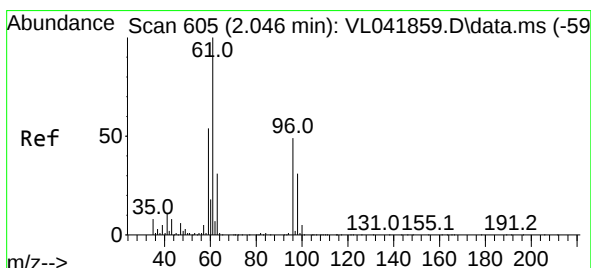
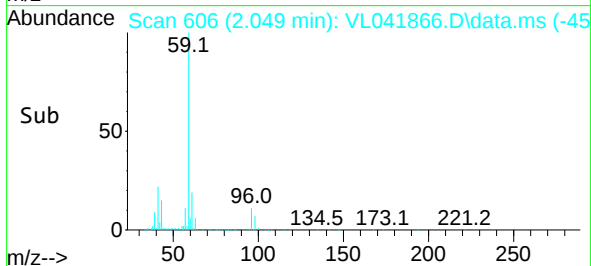
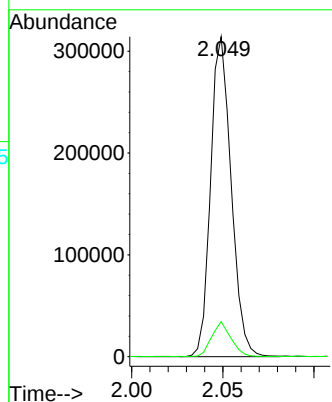
Tgt Ion: 59 Resp: 24689
Ion Ratio Lower Upper
59 100
57 10.8 8.6 13.0

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Supervised By :Semsettin Yesilyurt 01/10/2025

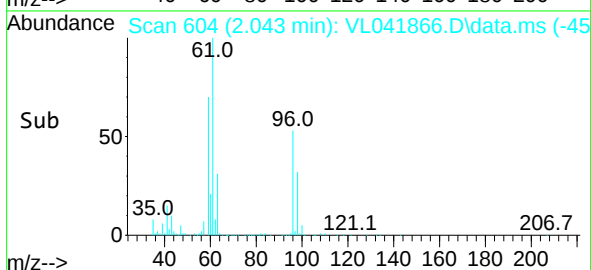
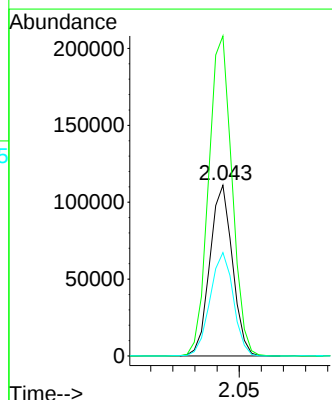
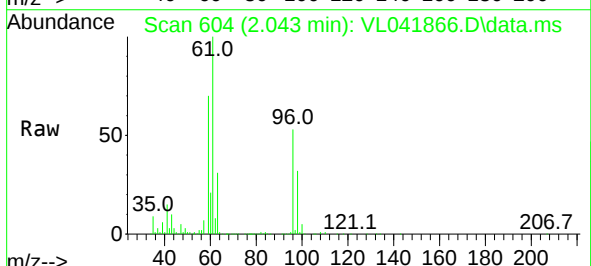
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#18
1,1-Dichloroethene
Concen: 9.584 ppbv
RT: 2.043 min Scan# 604
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

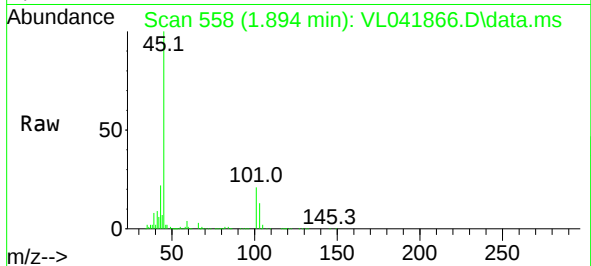
Tgt Ion: 96 Resp: 79001
Ion Ratio Lower Upper
96 100
61 187.4 179.2 268.8
98 60.6 51.6 77.4





#19
Isopropyl Alcohol
Concen: 8.766 ppbv
RT: 1.894 min Scan# 51
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

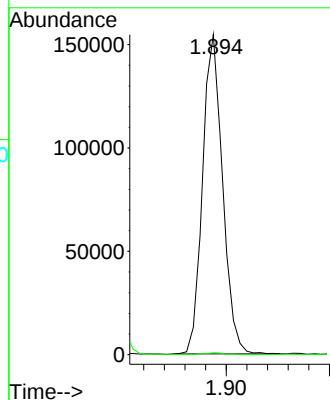
Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 45 Resp: 103690
Ion Ratio Lower Upper
45 100
58 47.2 2.0 3.0

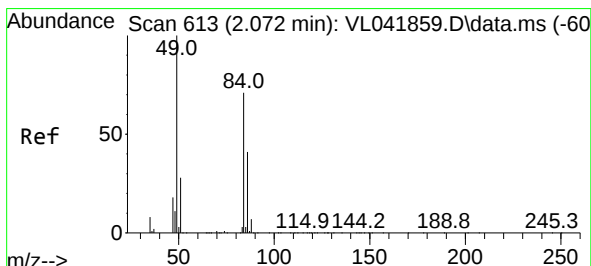
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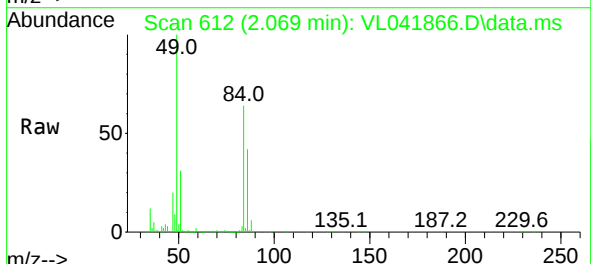


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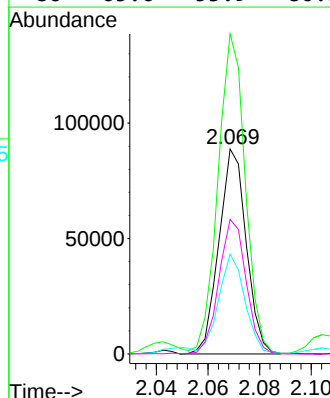
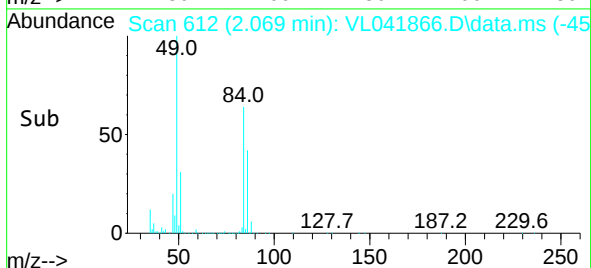
01/10/2025

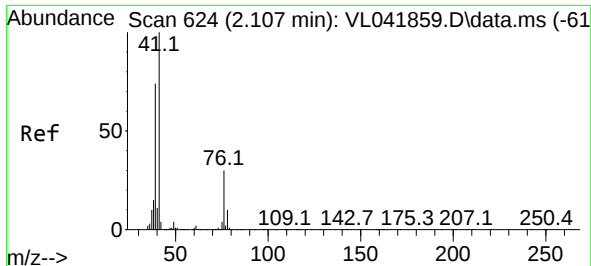


#20
Methylene Chloride
Concen: 8.517 ppbv
RT: 2.069 min Scan# 612
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15



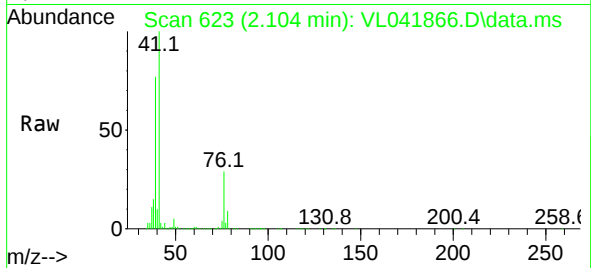
Tgt Ion: 84 Resp: 65389
Ion Ratio Lower Upper
84 100
49 155.8 137.8 206.8
51 48.1 43.9 65.9
86 65.6 53.9 80.9





#21
Allyl Chloride
Concen: 9.122 ppbv
RT: 2.104 min Scan# 61
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

Instrument :
MSVOA_L
ClientSampleId :



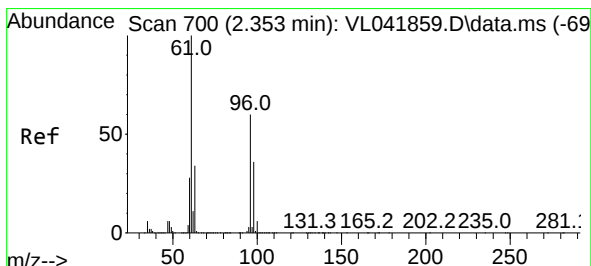
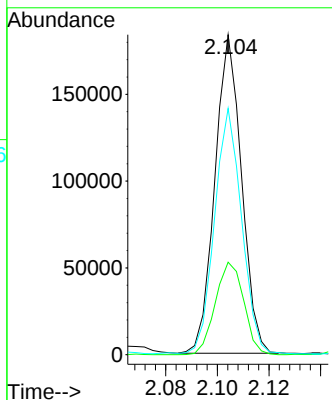
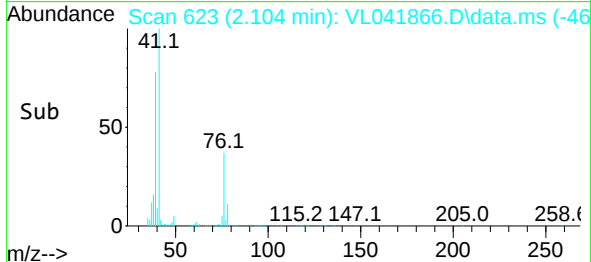
Tgt Ion: 41 Resp: 131360
Ion Ratio Lower Upper
41 100
76 30.7 20.6 31.0
39 78.9 67.4 101.2

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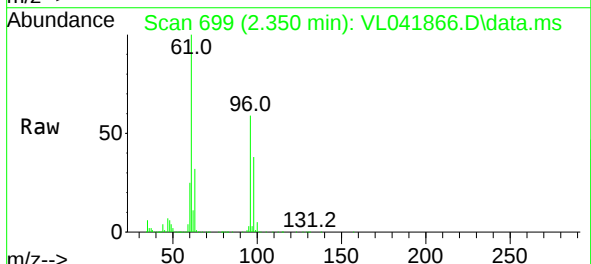
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

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Supervised By :Semsettin
Yesilyurt

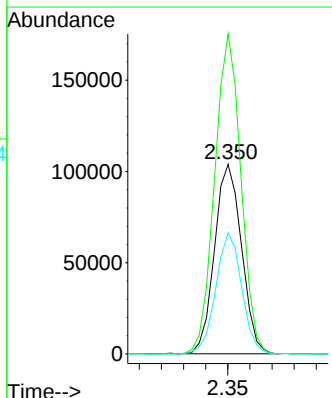
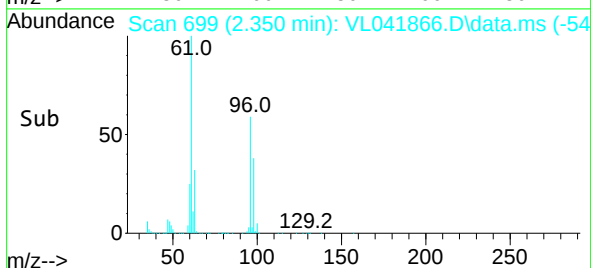
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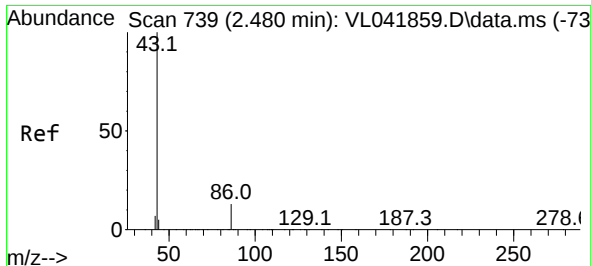


#22
trans-1,2-Dichloroethene
Concen: 9.216 ppbv
RT: 2.350 min Scan# 699
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15



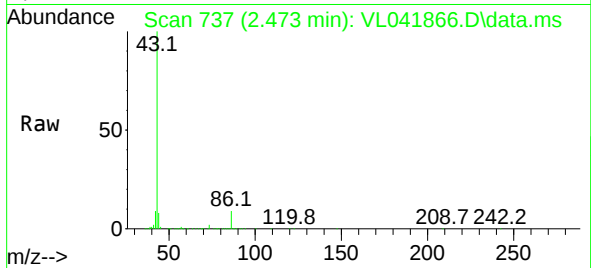
Tgt Ion: 96 Resp: 87967
Ion Ratio Lower Upper
96 100
61 168.8 144.0 216.0
98 63.9 46.9 70.3





#23
 Vinyl Acetate
 Concen: 9.411 ppbv
 RT: 2.473 min Scan# 710
 Delta R.T. 0.000 min
 Lab File: VL041866.D
 Acq: 09 Jan 2025 15:15

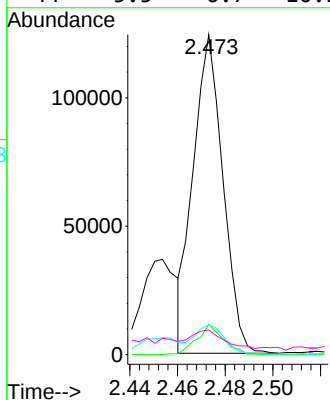
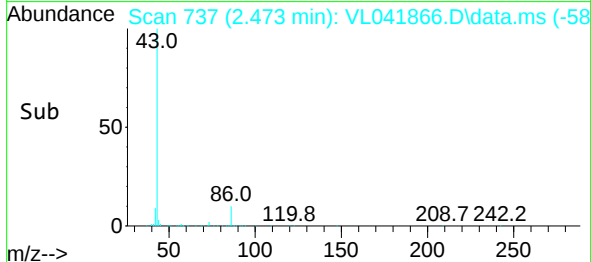
Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 43 Resp: 107320
 Ion Ratio Lower Upper
 43 100
 86 9.5 6.4 9.6
 42 9.1 9.5 14.3
 44 5.5 6.7 10.1

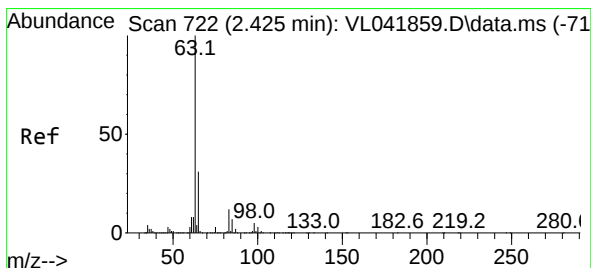
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 Supervised By :Semsettin Yesilyurt 01/10/2025

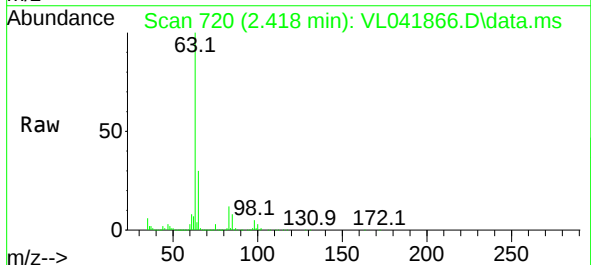


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 Yesilyurt

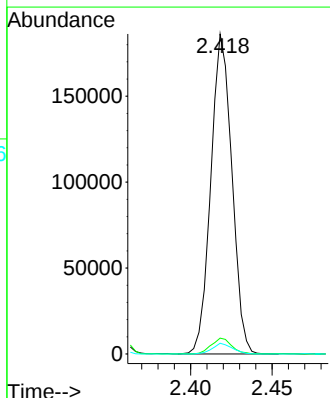
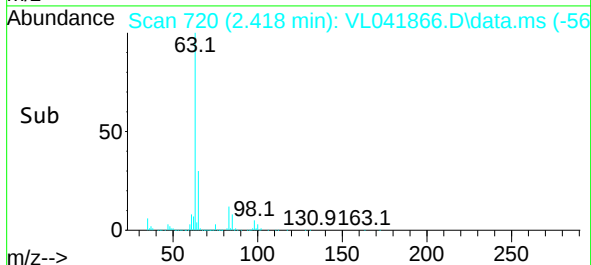
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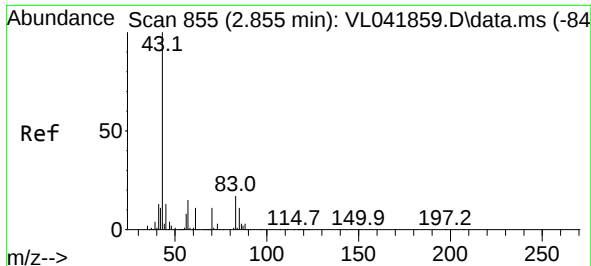


#24
 1,1-Dichloroethane
 Concen: 9.264 ppbv
 RT: 2.418 min Scan# 720
 Delta R.T. 0.000 min
 Lab File: VL041866.D
 Acq: 09 Jan 2025 15:15



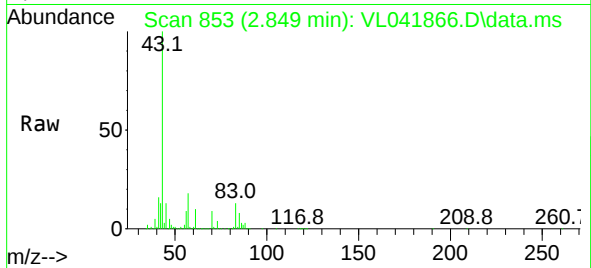
Tgt Ion: 63 Resp: 167453
 Ion Ratio Lower Upper
 63 100
 98 4.9 2.3 6.9
 100 3.4 1.4 4.0





#25
Ethyl Acetate
Concen: 9.615 ppbv
RT: 2.849 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

Instrument :
MSVOA_L
ClientSampleId :



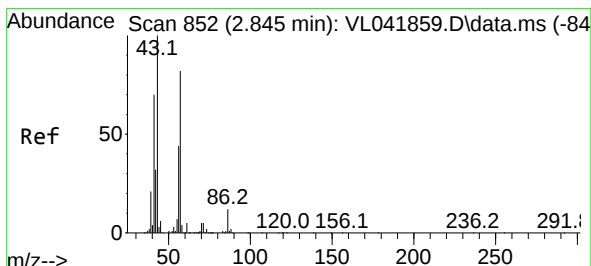
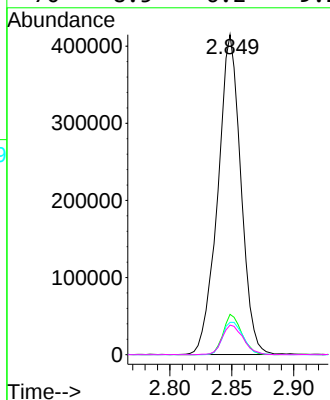
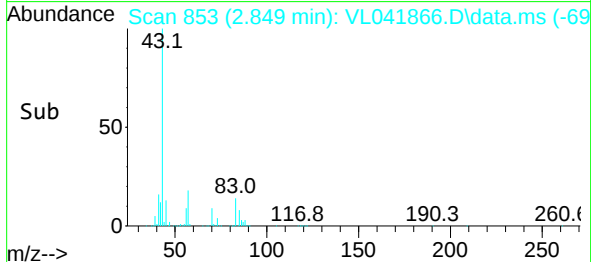
Tgt Ion: 43 Resp: 53772
Ion Ratio Lower Upper
43 100
45 10.2 7.8 11.8
61 9.2 7.0 10.6
70 8.5 6.2 9.2

Manual Integrations
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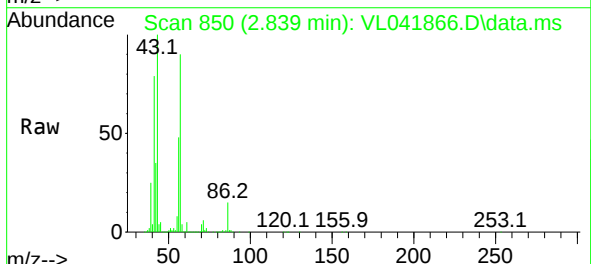
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

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Supervised By :Semsettin
Yesilyurt

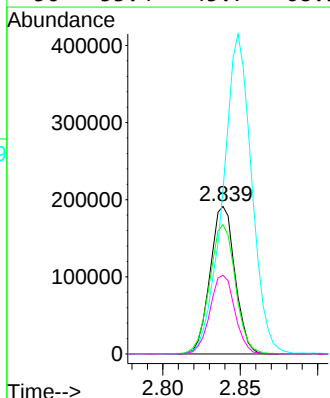
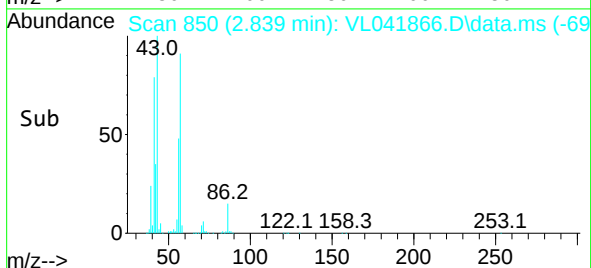
01/10/2025

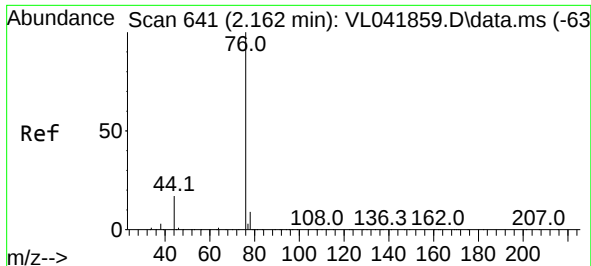


#26
Hexane
Concen: 9.290 ppbv
RT: 2.839 min Scan# 850
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15



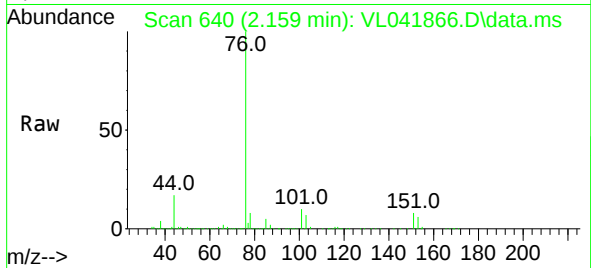
Tgt Ion: 57 Resp: 213717
Ion Ratio Lower Upper
57 100
41 91.5 84.1 126.1
43 252.2 218.4 327.6
56 53.4 45.7 68.5





#27
Carbon Disulfide
Concen: 9.579 ppbv
RT: 2.159 min Scan# 641
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

Instrument :
MSVOA_L
ClientSampleId :



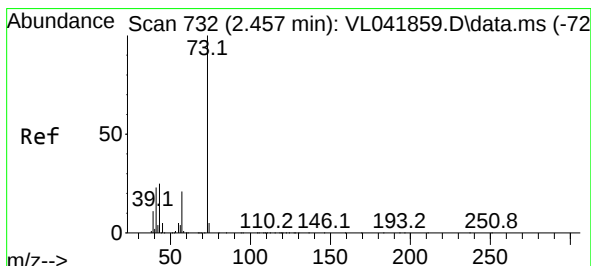
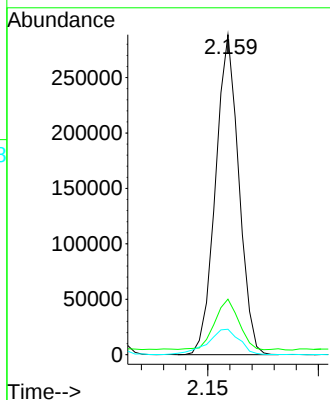
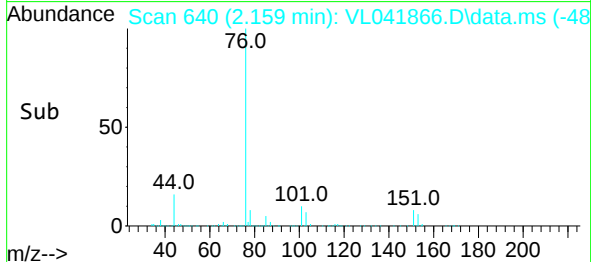
Tgt Ion: 76 Resp: 211082
Ion Ratio Lower Upper
76 100
44 16.5 19.8 29.8
78 11.0 9.8 14.8

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Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

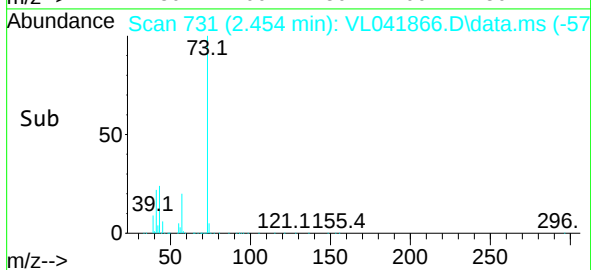
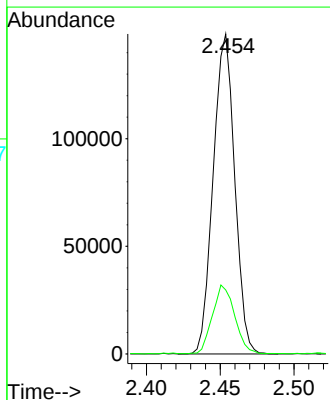
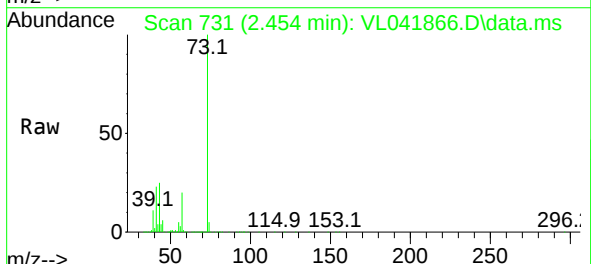
01/10/2025
Supervised By :Semsettin
Yesilyurt

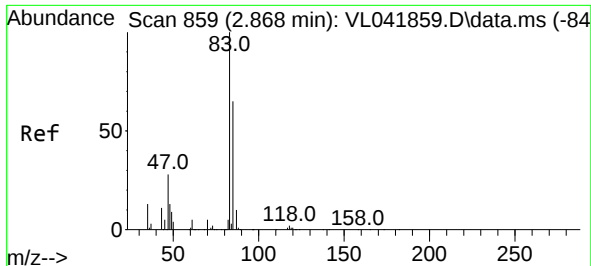
01/10/2025



#28
Methyl tert-Butyl Ether
Concen: 8.585 ppbv
RT: 2.454 min Scan# 731
Delta R.T. 0.003 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

Tgt Ion: 73 Resp: 150727
Ion Ratio Lower Upper
73 100
57 22.3 18.4 27.6





#29

Chloroform

Concen: 9.385 ppbv

RT: 2.861 min Scan# 85

Delta R.T. 0.000 min

Lab File: VL041866.D

Acq: 09 Jan 2025 15:15

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 83 Resp: 30213

Ion Ratio Lower Upper

83 100

85 63.9 49.6 74.4

Manual Integrations

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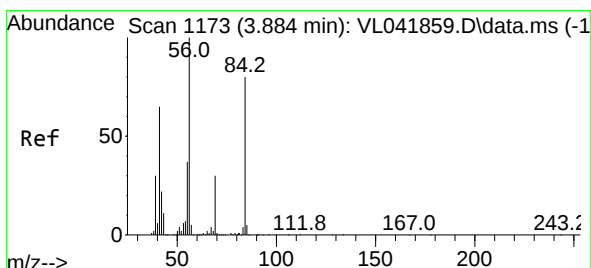
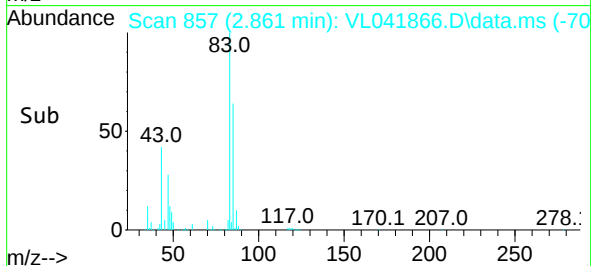
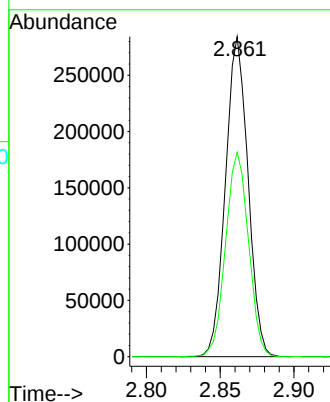
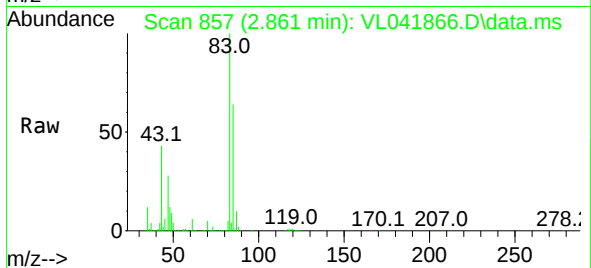
Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025

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Supervised By :Semsettin
Yesilyurt

01/10/2025



#30

Cyclohexane

Concen: 9.508 ppbv

RT: 3.878 min Scan# 1171

Delta R.T. 0.003 min

Lab File: VL041866.D

Acq: 09 Jan 2025 15:15

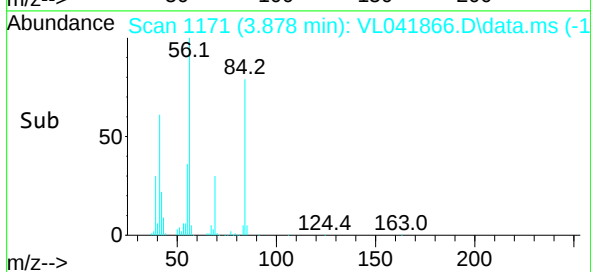
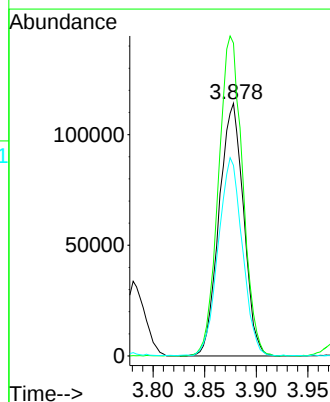
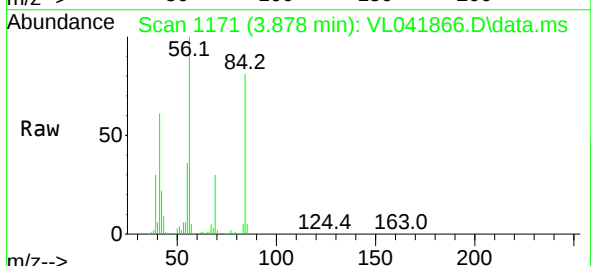
Tgt Ion: 84 Resp: 187848

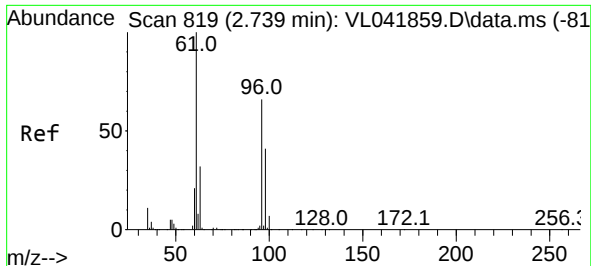
Ion Ratio Lower Upper

84 100

56 125.0 105.0 157.6

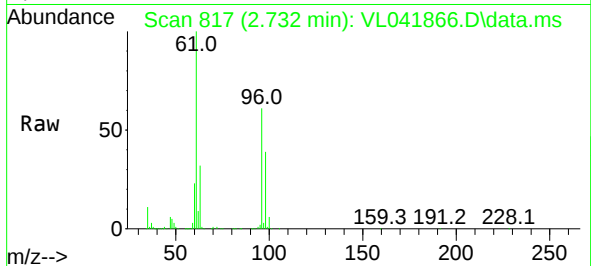
41 77.5 78.9 118.3#





#31
 cis-1,2-Dichloroethene
 Concen: 9.604 ppbv
 RT: 2.732 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VL041866.D
 Acq: 09 Jan 2025 15:15

Instrument :
 MSVOA_L
 ClientSampleId :



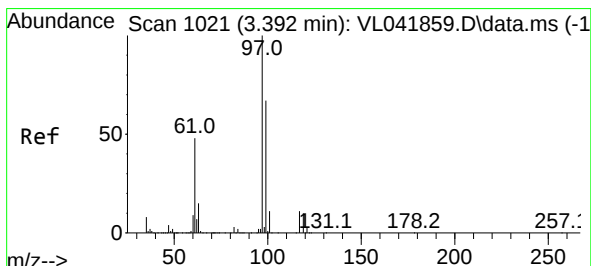
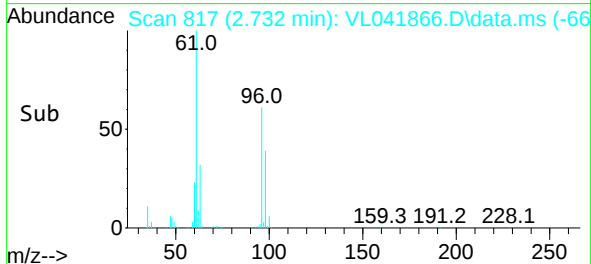
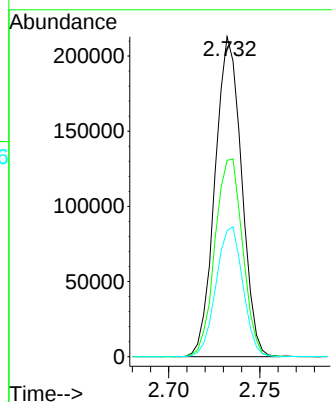
Tgt Ion: 61 Resp: 215939
 Ion Ratio Lower Upper
 61 100
 96 61.3 47.6 71.4
 98 39.4 30.2 45.2

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Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

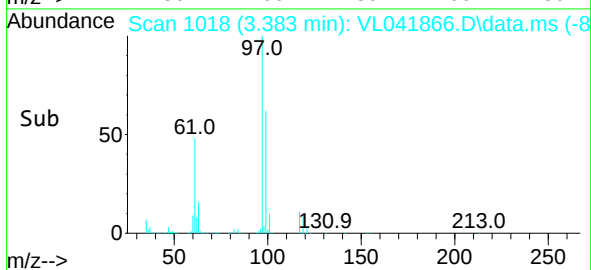
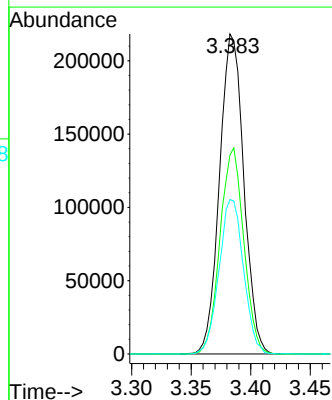
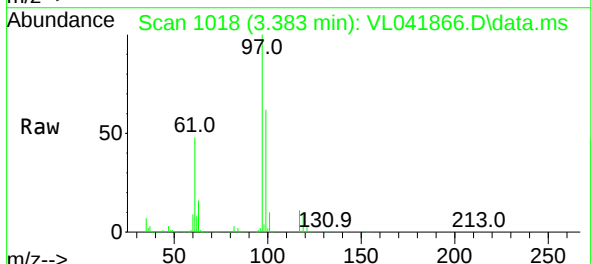
01/10/2025
 Supervised By :Semsettin
 Yesilyurt

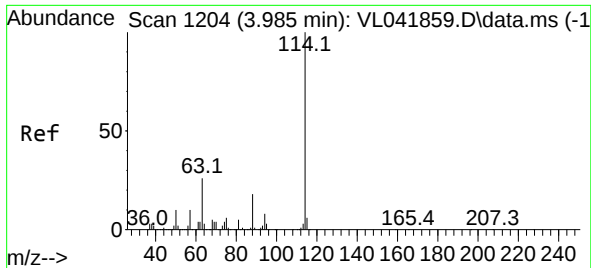
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#32
 1,1,1-Trichloroethane
 Concen: 9.654 ppbv
 RT: 3.383 min Scan# 1018
 Delta R.T. 0.000 min
 Lab File: VL041866.D
 Acq: 09 Jan 2025 15:15

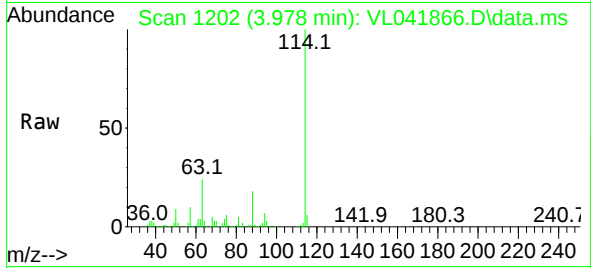
Tgt Ion: 97 Resp: 308704
 Ion Ratio Lower Upper
 97 100
 99 63.0 50.6 76.0
 61 48.8 45.0 67.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.978 min Scan# 114
Delta R.T. 0.003 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

Instrument :
MSVOA_L
ClientSampleId :



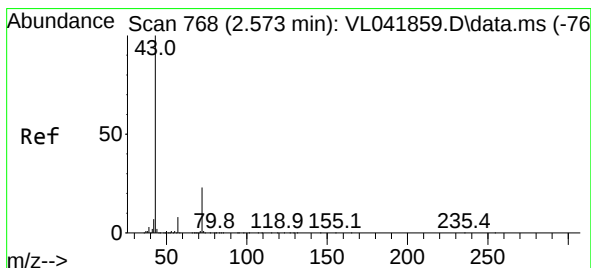
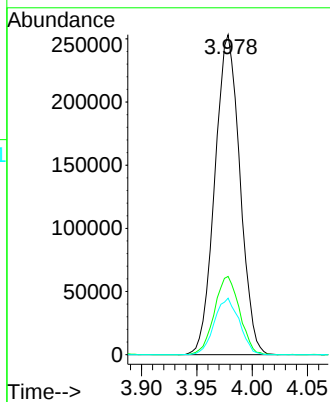
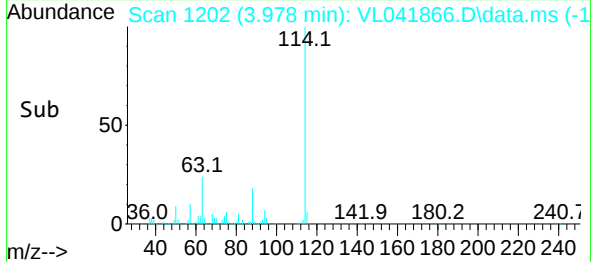
Tgt Ion:114 Resp: 399044
Ion Ratio Lower Upper
114 100
63 24.6 22.3 33.5
88 17.7 14.9 22.3

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Supervised By :Semsettin Yesilyurt 01/10/2025

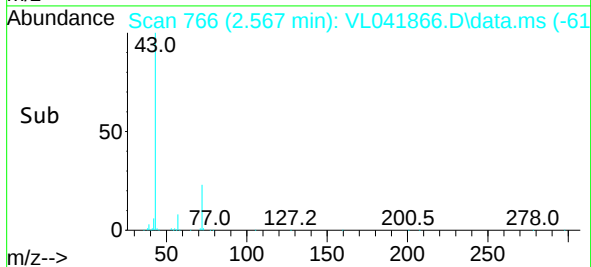
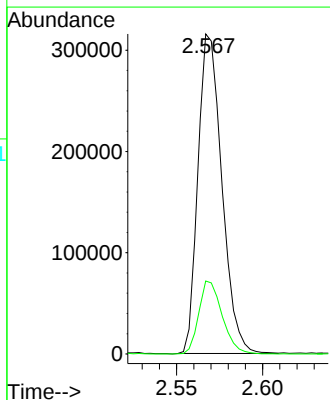
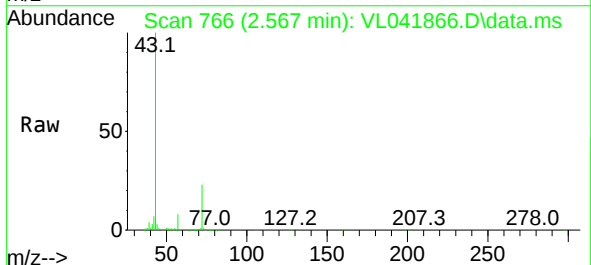
01/10/2025
Supervised By :Semsettin
Yesilyurt

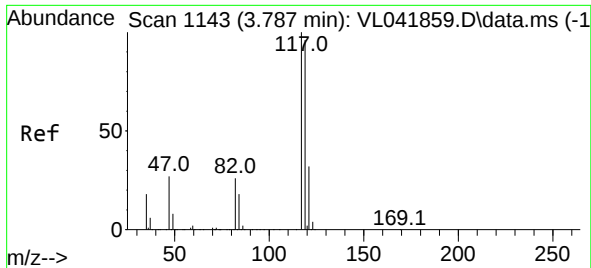
01/10/2025



#34
2-Butanone
Concen: 9.209 ppbv
RT: 2.567 min Scan# 766
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

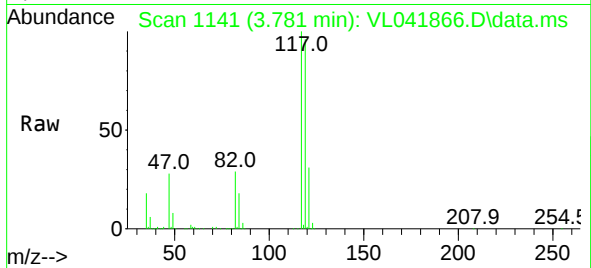
Tgt Ion: 43 Resp: 305484
Ion Ratio Lower Upper
43 100
72 22.3 16.6 25.0





#35
Carbon Tetrachloride
Concen: 9.742 ppbv
RT: 3.781 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

Instrument :
MSVOA_L
ClientSampleId :



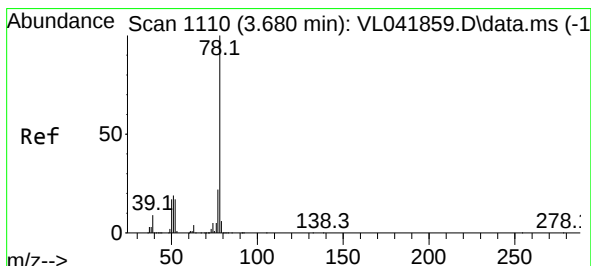
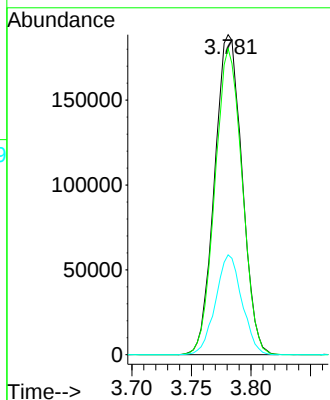
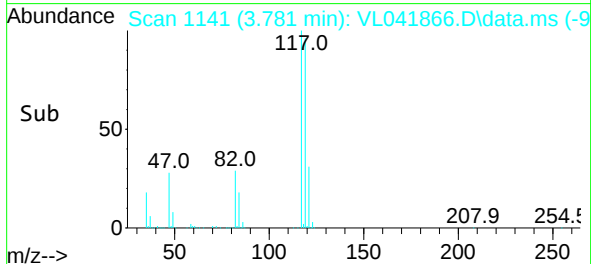
Tgt Ion: 117 Resp: 302110
Ion Ratio Lower Upper
117 100
119 95.7 79.1 118.7
121 31.2 24.2 36.2

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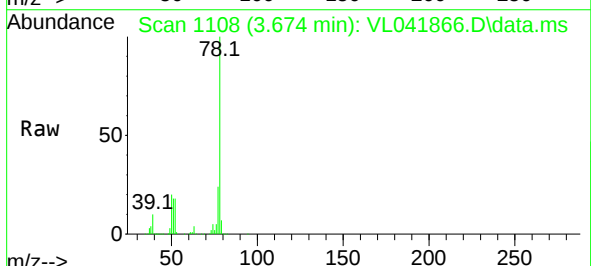
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

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Yesilyurt

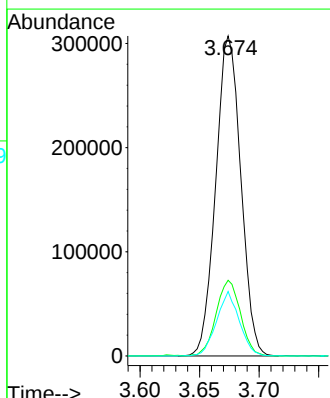
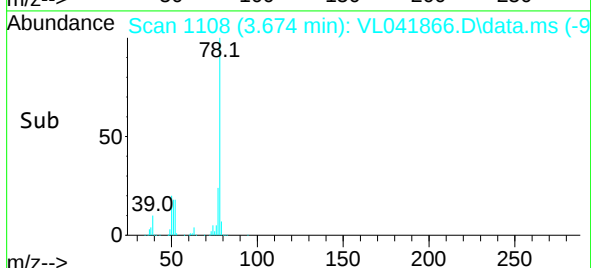
01/10/2025

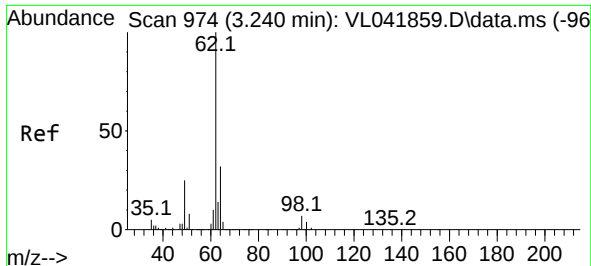


#36
Benzene
Concen: 9.689 ppbv
RT: 3.674 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15



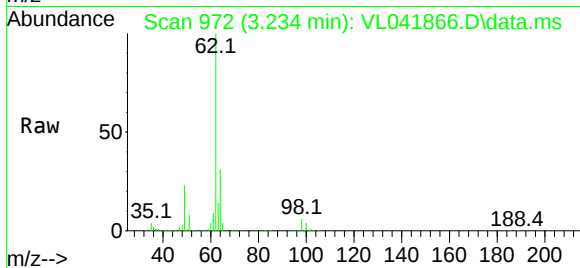
Tgt Ion: 78 Resp: 448544
Ion Ratio Lower Upper
78 100
77 23.6 17.4 26.0
50 20.1 17.3 25.9





#37
1,2-Dichloroethane
Concen: 9.621 ppbv
RT: 3.234 min Scan# 91
Delta R.T. 0.003 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

Instrument :
MSVOA_L
ClientSampleId :



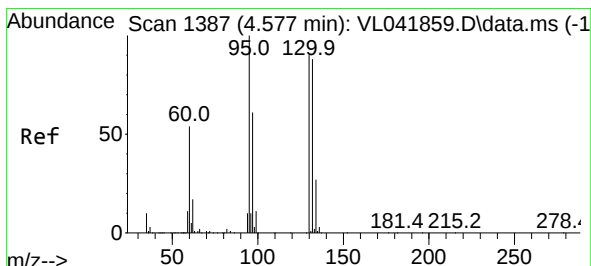
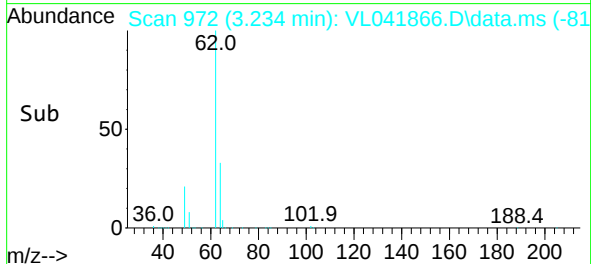
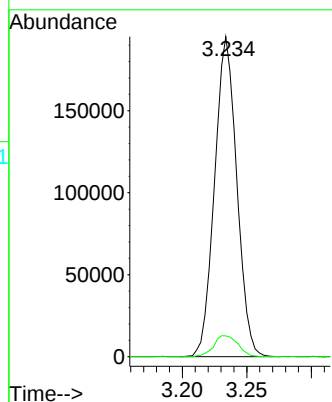
Tgt Ion: 62 Resp: 23366
Ion Ratio Lower Upper
62 100
98 7.2 4.8 7.2

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Supervised By :Semsettin Yesilyurt 01/10/2025

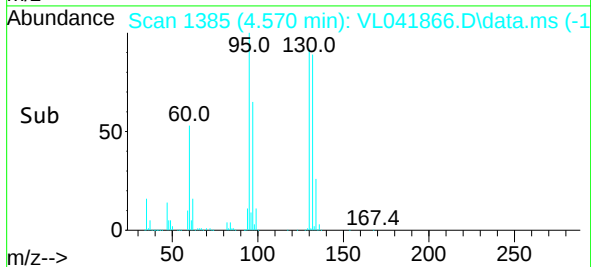
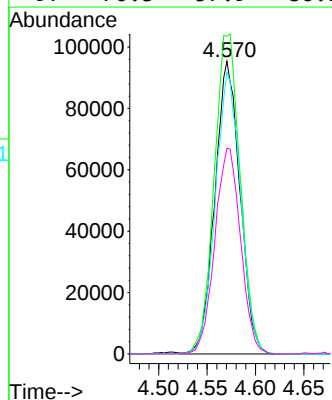
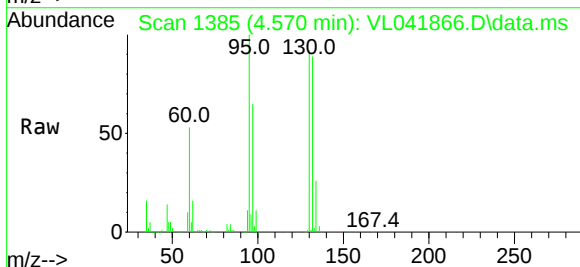
01/10/2025
Supervised By :Semsettin
Yesilyurt

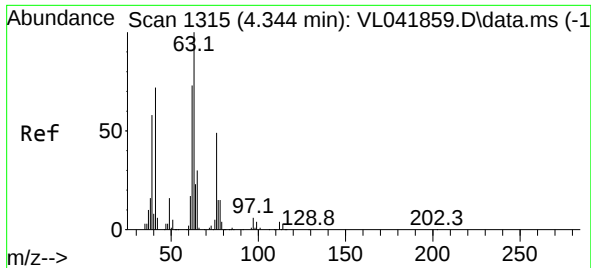
01/10/2025



#38
Trichloroethene
Concen: 9.393 ppbv
RT: 4.570 min Scan# 1385
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

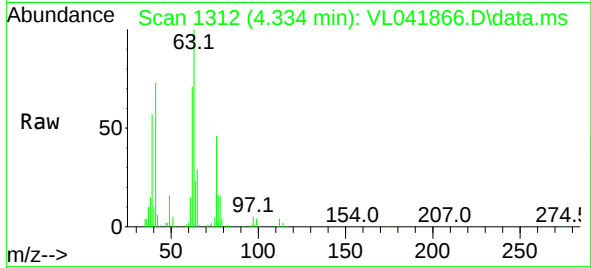
Tgt Ion:130 Resp: 171695
Ion Ratio Lower Upper
130 100
95 108.6 90.1 135.1
132 96.2 71.8 107.8
97 70.3 57.9 86.9





#39
 1,2-Dichloropropane
 Concen: 9.560 ppbv
 RT: 4.334 min Scan# 1315
 Delta R.T. 0.000 min
 Lab File: VL041866.D
 Acq: 09 Jan 2025 15:15

Instrument :
 MSVOA_L
 ClientSampleId :



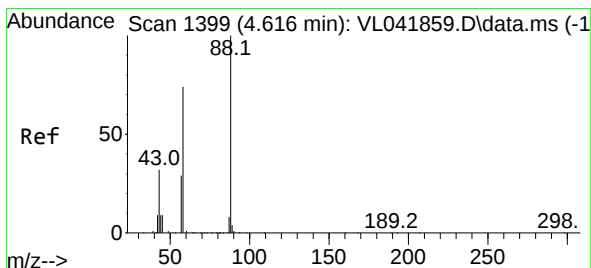
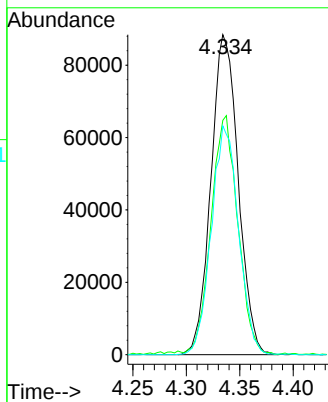
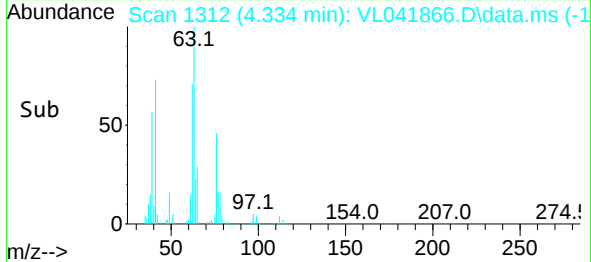
Tgt Ion: 63 Resp: 15743
 Ion Ratio Lower Upper
 63 100
 41 73.1 77.7 116.5
 62 71.4 56.2 84.2

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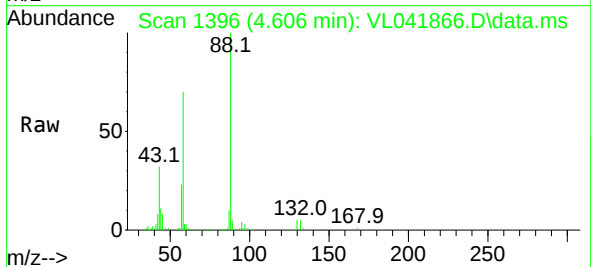
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

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 Supervised By :Semsettin
 Yesilyurt

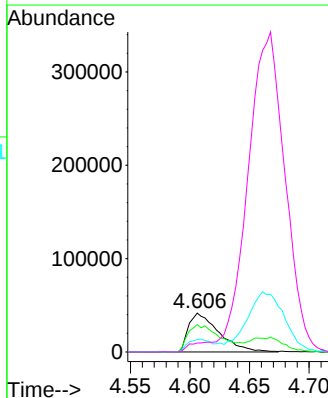
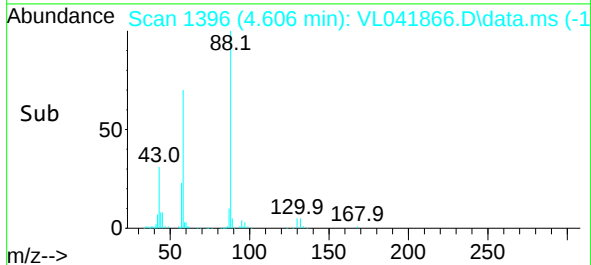
01/10/2025

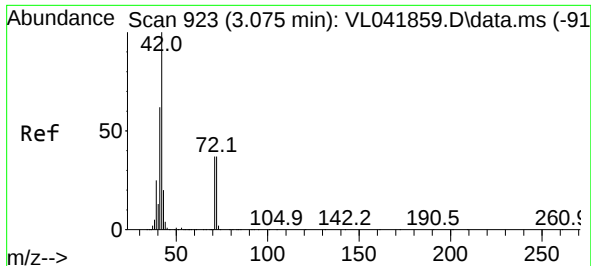


#40
 1,4-Dioxane
 Concen: 8.937 ppbv
 RT: 4.606 min Scan# 1396
 Delta R.T. 0.000 min
 Lab File: VL041866.D
 Acq: 09 Jan 2025 15:15



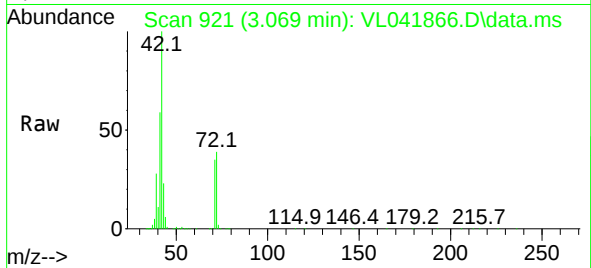
Tgt Ion: 88 Resp: 74011
 Ion Ratio Lower Upper
 88 100
 58 77.8 65.1 97.7
 43 0.0 32.1 48.1#
 57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 9.327 ppbv
RT: 3.069 min Scan# 91
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

Instrument :
MSVOA_L
ClientSampleId :



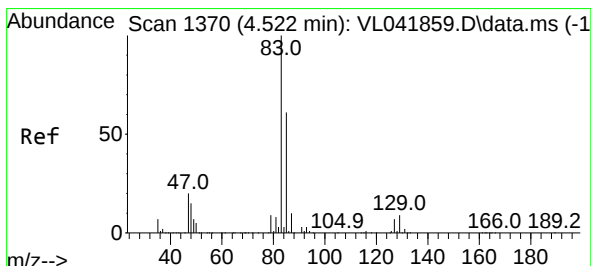
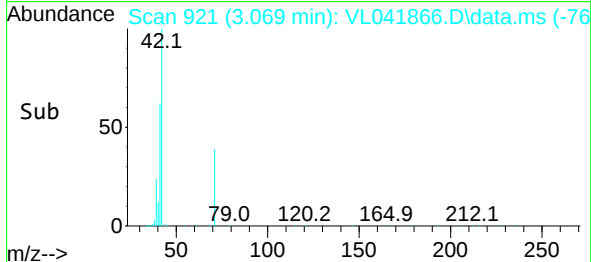
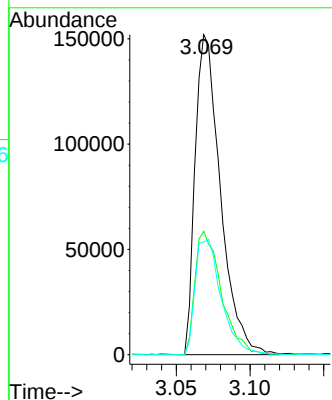
Tgt Ion: 42 Resp: 181700
Ion Ratio Lower Upper
42 100
72 40.3 27.9 41.9
71 37.3 26.5 39.7

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Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

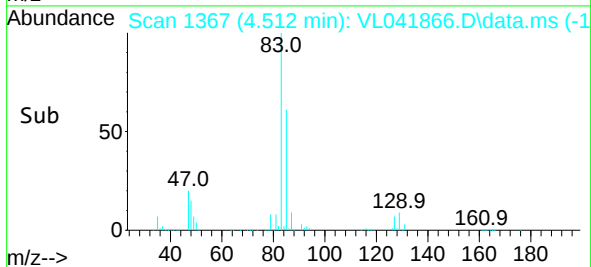
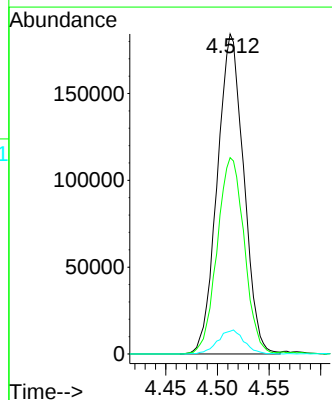
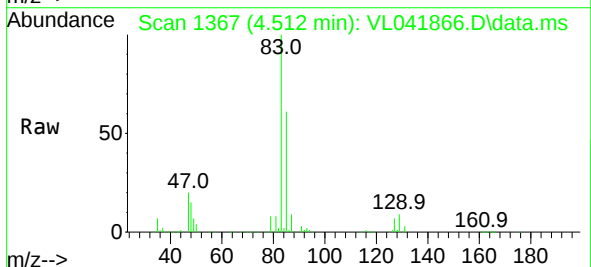
01/10/2025
Supervised By :Semsettin
Yesilyurt

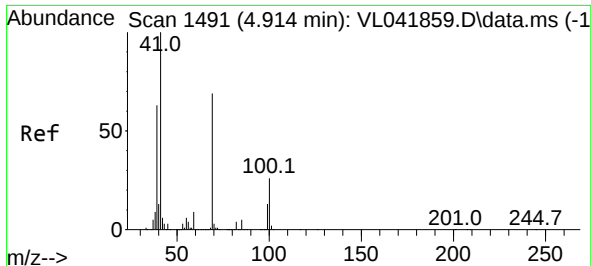
01/10/2025



#42
Bromodichloromethane
Concen: 9.864 ppbv
RT: 4.512 min Scan# 1367
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

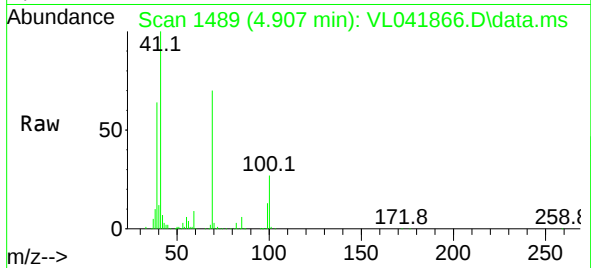
Tgt Ion: 83 Resp: 329142
Ion Ratio Lower Upper
83 100
85 61.3 51.3 76.9
127 7.1 5.6 8.4





#43
Methyl Methacrylate
Concen: 9.474 ppbv
RT: 4.907 min Scan# 1491
Delta R.T. 0.003 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

Instrument :
MSVOA_L
ClientSampleId :



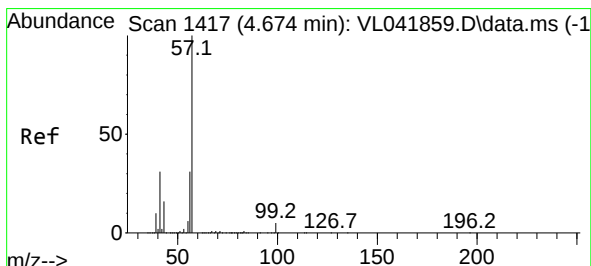
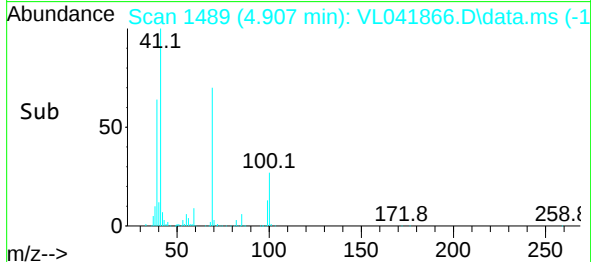
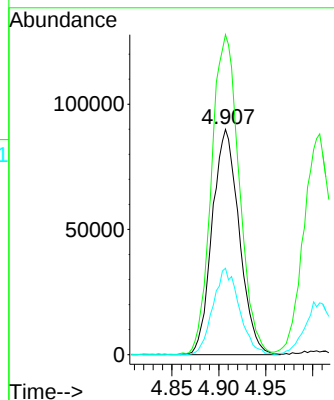
Tgt Ion: 69 Resp: 17960
Ion Ratio Lower Upper
69 100
41 145.9 132.3 198.5
100 37.5 28.2 42.4

Manual Integrations
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Supervised By :Semsettin Yesilyurt 01/10/2025

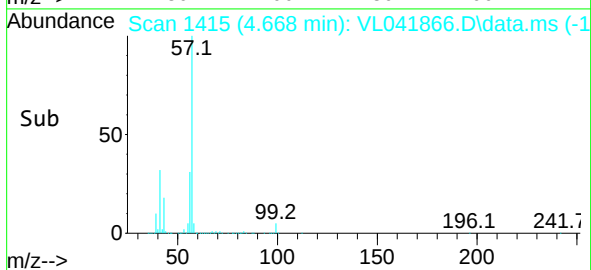
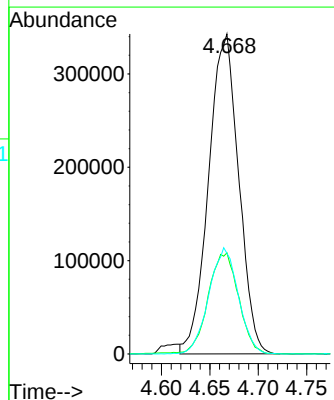
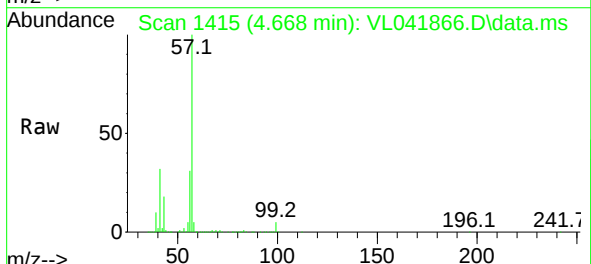
01/10/2025
Supervised By :Semsettin
Yesilyurt

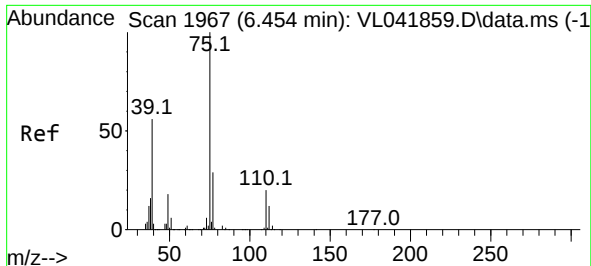
01/10/2025



#44
2,2,4-Trimethylpentane
Concen: 9.479 ppbv
RT: 4.668 min Scan# 1415
Delta R.T. 0.007 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

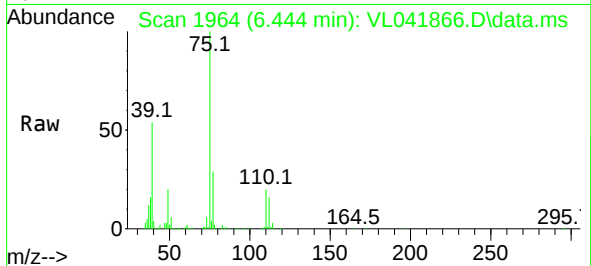
Tgt Ion: 57 Resp: 741253
Ion Ratio Lower Upper
57 100
41 32.3 31.4 47.2
56 32.5 26.6 39.8





#45
t-1,3-Dichloropropene
Concen: 9.391 ppbv
RT: 6.444 min Scan# 1967
Delta R.T. 0.007 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

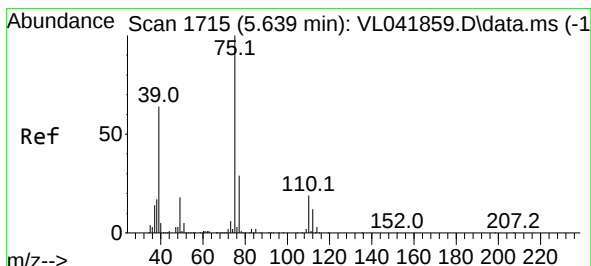
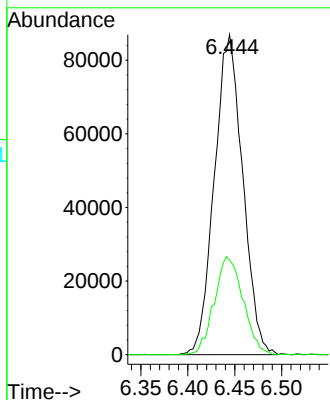
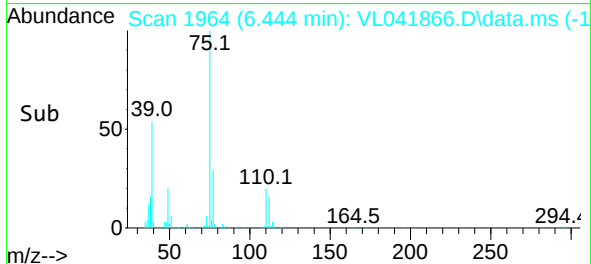
Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 75 Resp: 18220
Ion Ratio Lower Upper
75 100
77 29.4 22.2 33.4

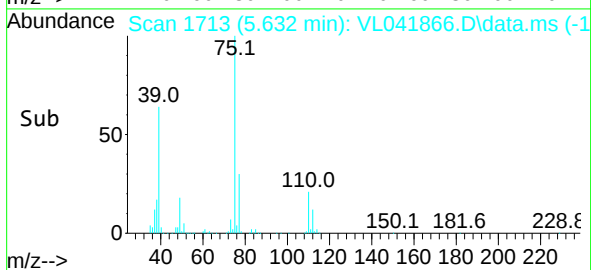
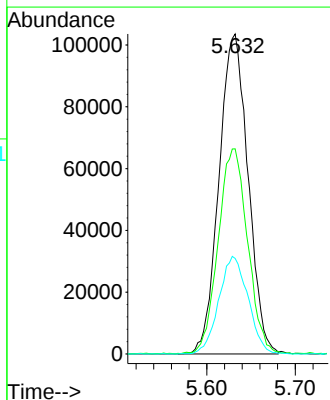
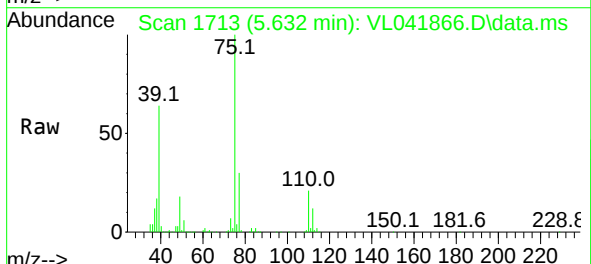
Manual Integrations
APPROVED

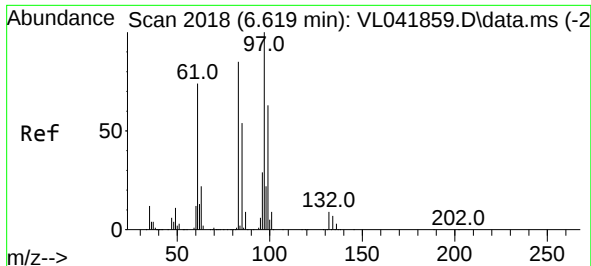
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#46
cis-1,3-Dichloropropene
Concen: 9.483 ppbv
RT: 5.632 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

Tgt Ion: 75 Resp: 236106
Ion Ratio Lower Upper
75 100
39 63.9 63.3 94.9
77 29.9 23.5 35.3





#47

1,1,2-Trichloroethane

Concen: 9.543 ppbv

RT: 6.610 min Scan# 2018

Delta R.T. 0.003 min

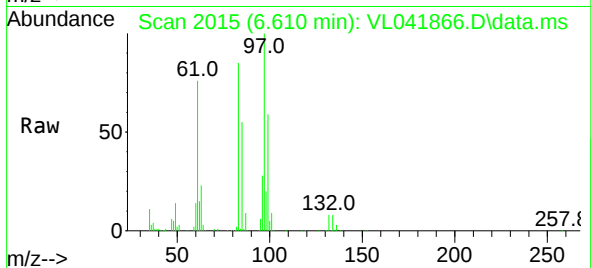
Lab File: VL041866.D

Acq: 09 Jan 2025 15:15

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 97 Resp: 16533

Ion Ratio Lower Upper

97 100

83 84.7 70.3 105.5

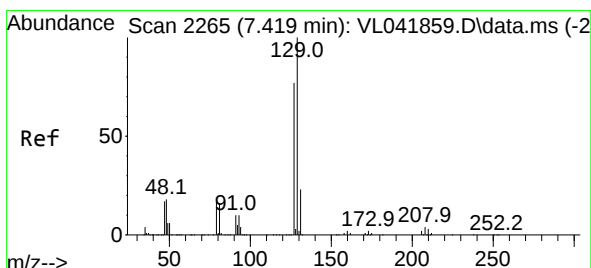
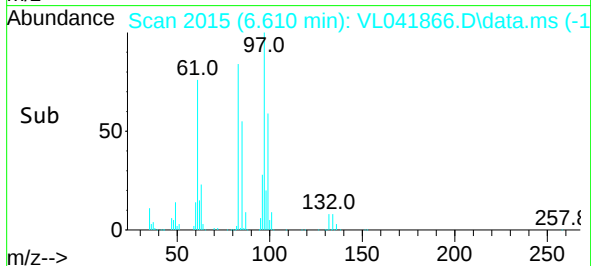
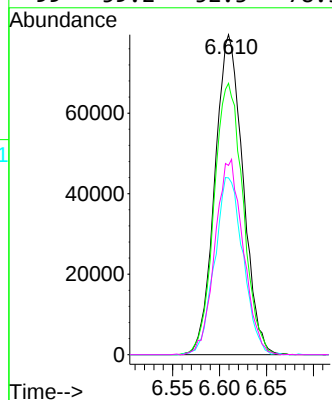
85 55.2 41.5 62.3

99 59.2 52.3 78.5

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#48

Dibromochloromethane

Concen: 10.137 ppbv

RT: 7.409 min Scan# 2262

Delta R.T. 0.000 min

Lab File: VL041866.D

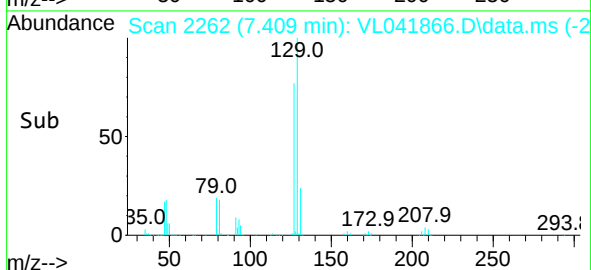
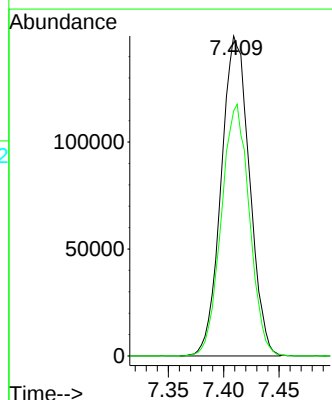
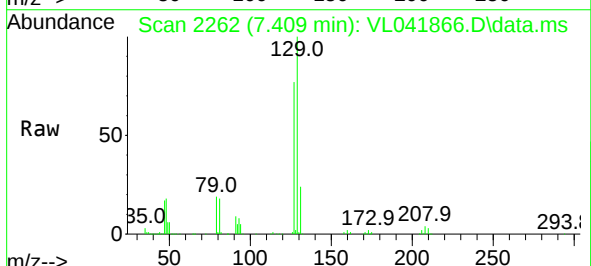
Acq: 09 Jan 2025 15:15

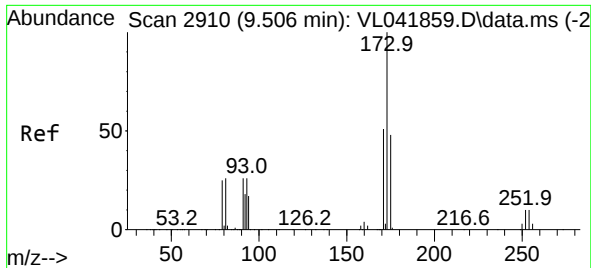
Tgt Ion:129 Resp: 266338

Ion Ratio Lower Upper

129 100

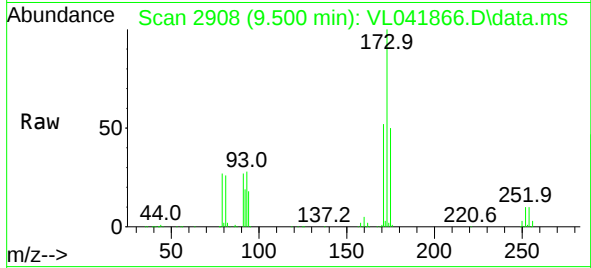
127 77.9 38.7 116.1





#49
Bromoform
Concen: 10.047 ppbv
RT: 9.500 min Scan# 2910
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

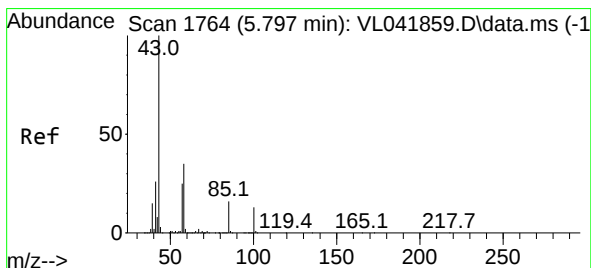
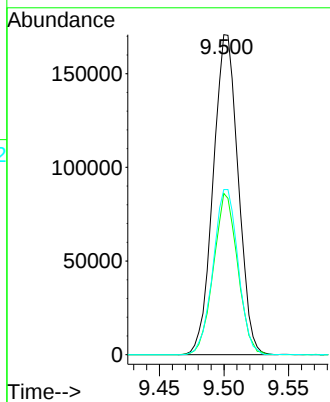
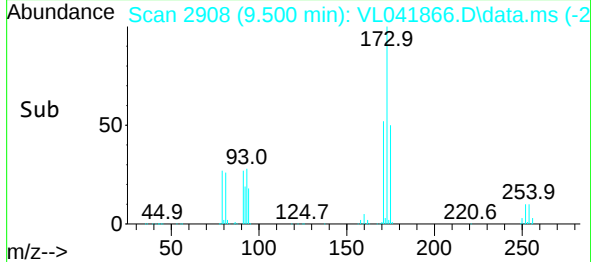
Instrument :
MSVOA_L
ClientSampleId :



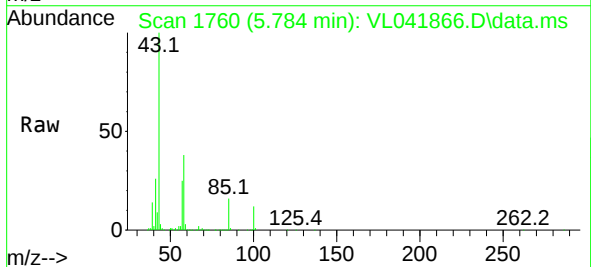
Tgt Ion:173 Resp: 230370
Ion Ratio Lower Upper
173 100
175 48.7 39.5 59.3
171 51.6 41.5 62.3

Manual Integrations
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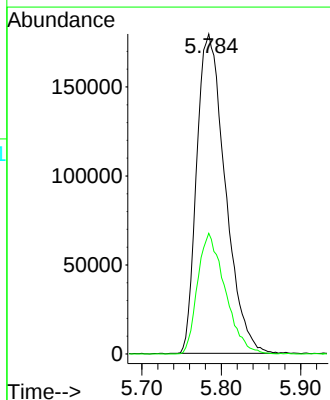
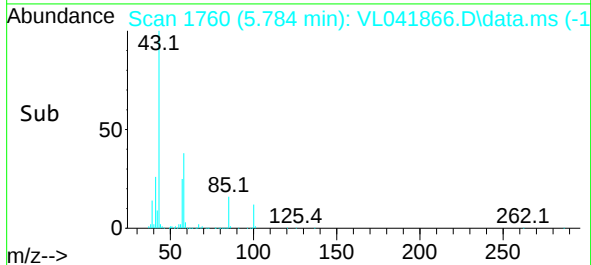
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

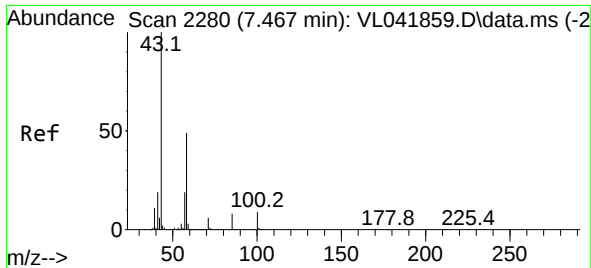


#50
4-Methyl-2-Pentanone
Concen: 9.458 ppbv
RT: 5.784 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15



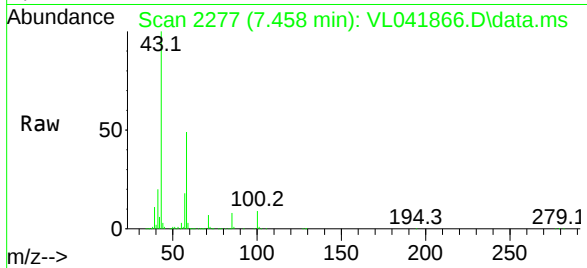
Tgt Ion: 43 Resp: 447733
Ion Ratio Lower Upper
43 100
58 36.6 25.7 38.5





#51
2-Hexanone
Concen: 9.341 ppbv
RT: 7.458 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

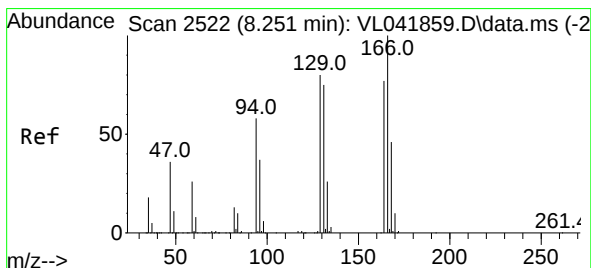
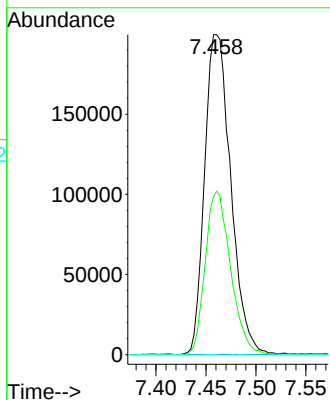
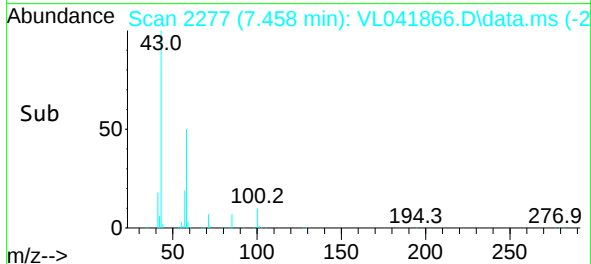
Instrument :
MSVOA_L
ClientSampleId :



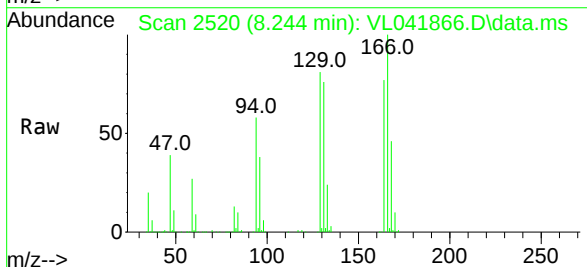
Tgt Ion: 43 Resp: 363718
Ion Ratio Lower Upper
43 100
58 49.7 33.8 50.8
98 0.1 0.7 1.1

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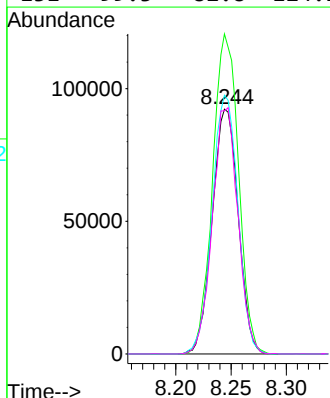
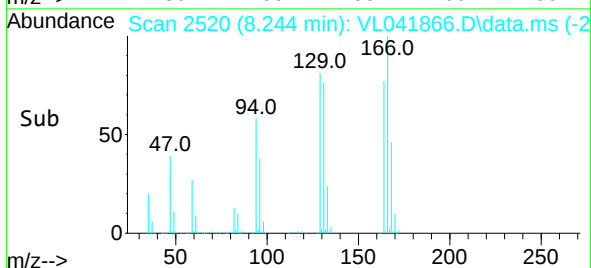
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

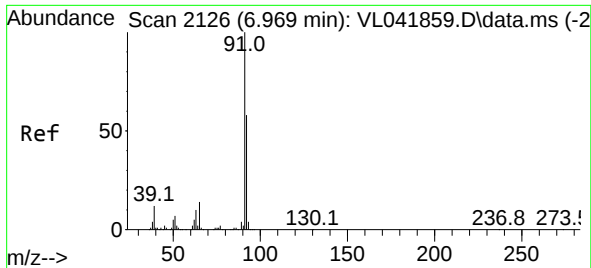


#52
Tetrachloroethene
Concen: 8.536 ppbv
RT: 8.244 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15



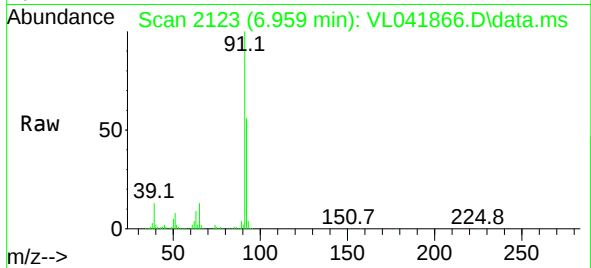
Tgt Ion:164 Resp: 151399
Ion Ratio Lower Upper
164 100
166 130.7 100.4 150.6
129 105.7 85.9 128.9
131 99.3 82.8 124.2





#53
Toluene
Concen: 9.395 ppbv
RT: 6.959 min Scan# 2123
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

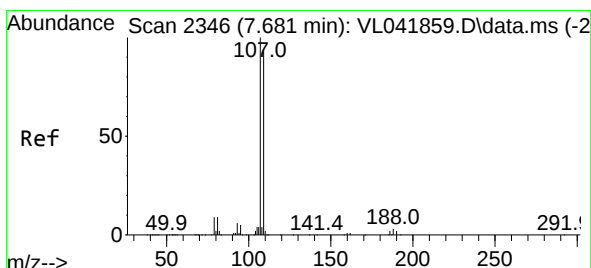
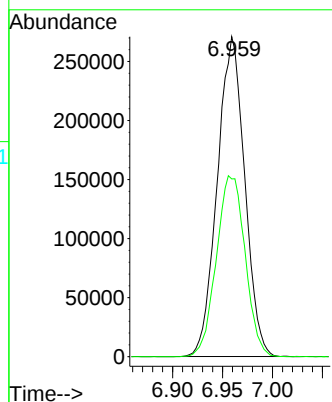
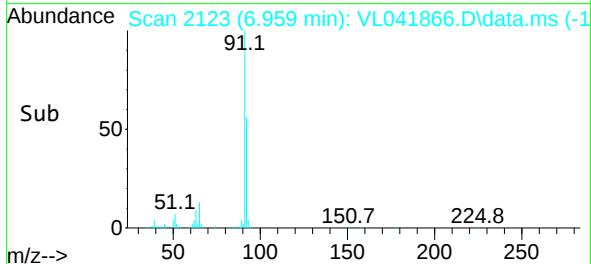
Instrument :
MSVOA_L
ClientSampleId :



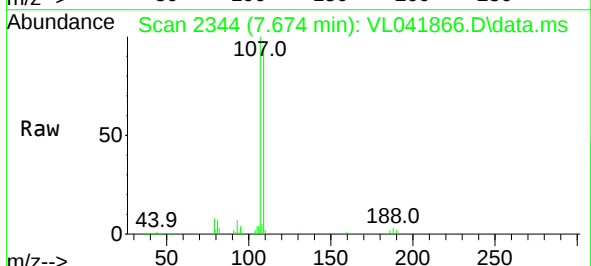
Tgt Ion: 91 Resp: 517284
Ion Ratio Lower Upper
91 100
92 59.4 47.8 71.6

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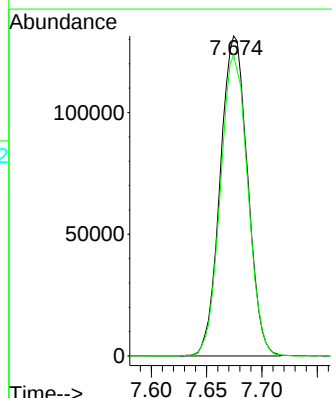
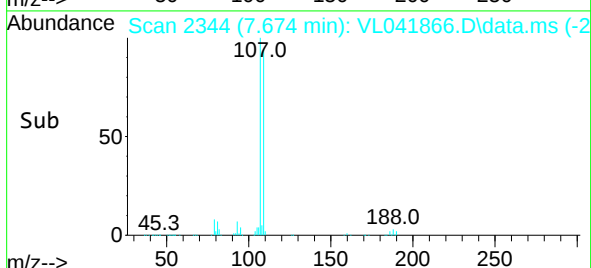
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

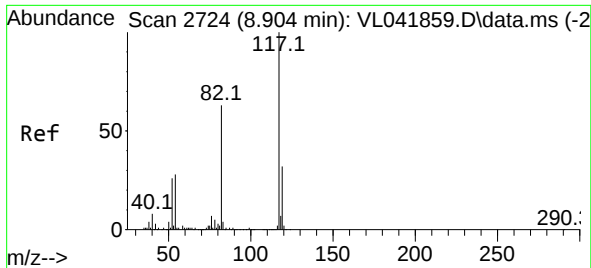


#54
1,2-Dibromoethane
Concen: 9.598 ppbv
RT: 7.674 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15



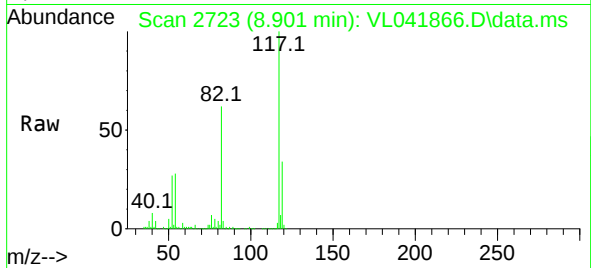
Tgt Ion:107 Resp: 226153
Ion Ratio Lower Upper
107 100
109 94.1 75.9 113.9





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.901 min Scan# 2724
Delta R.T. 0.003 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

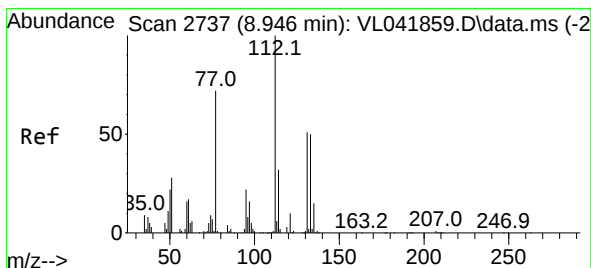
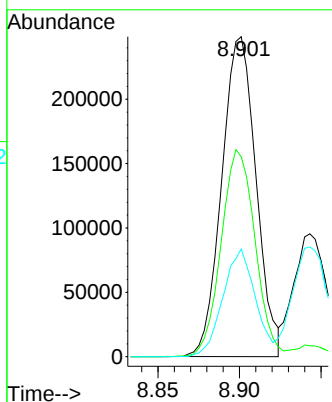
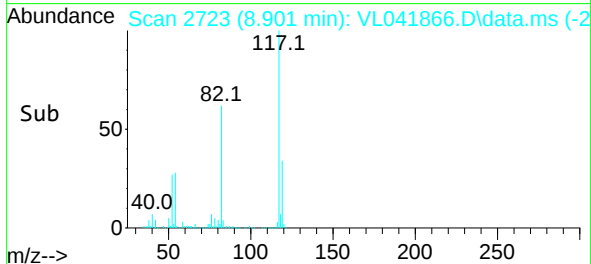
Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion:117 Resp: 363459
Ion Ratio Lower Upper
117 100
82 67.3 59.1 88.7
119 31.8 27.3 40.9

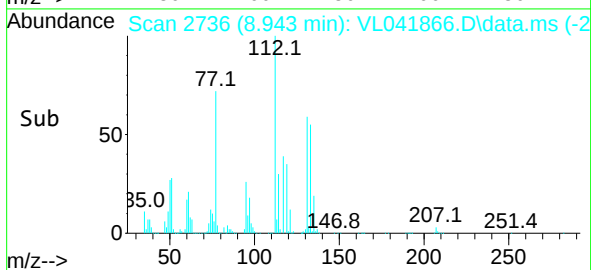
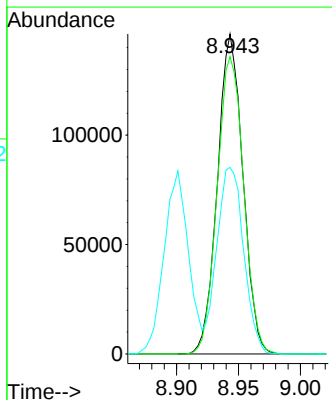
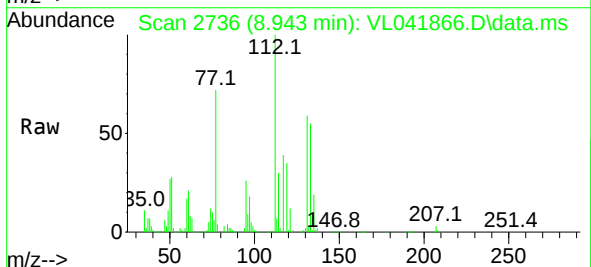
Manual Integrations
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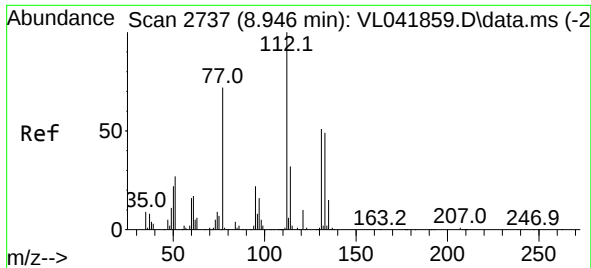
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#56
1,1,1,2-Tetrachloroethane
Concen: 9.669 ppbv
RT: 8.943 min Scan# 2736
Delta R.T. 0.003 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

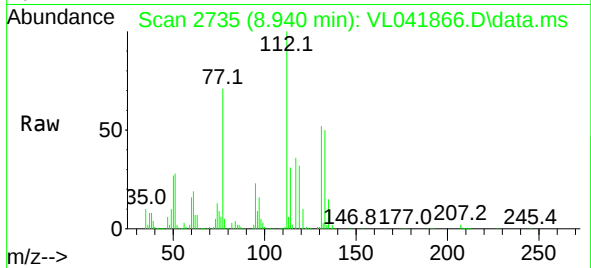
Tgt Ion:131 Resp: 209474
Ion Ratio Lower Upper
131 100
133 96.8 77.3 115.9
119 62.9 50.6 76.0





#57
Chlorobenzene
Concen: 9.470 ppbv
RT: 8.940 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

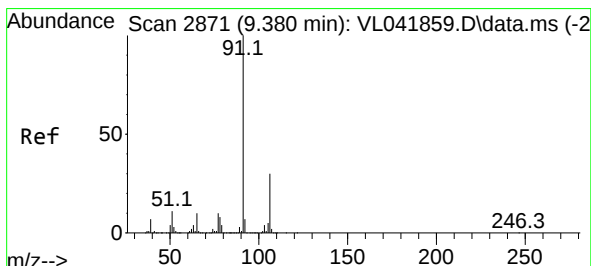
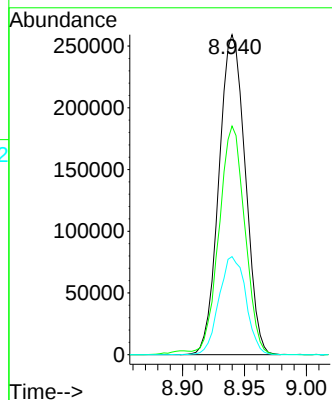
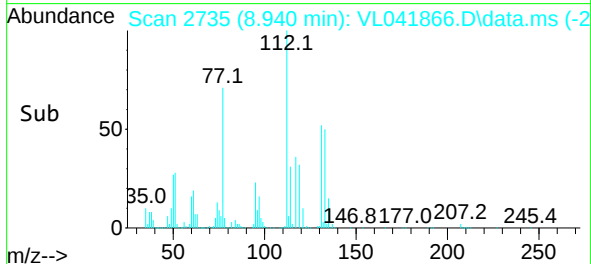
Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion:112 Resp: 383752
Ion Ratio Lower Upper
112 100
77 71.4 55.1 82.7
114 30.6 28.3 34.5

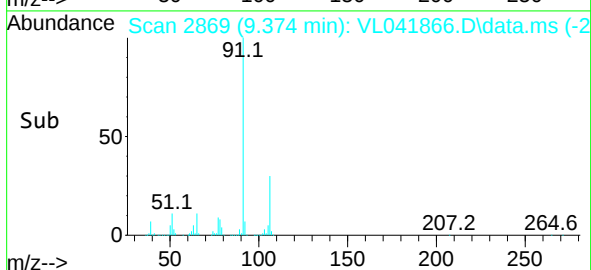
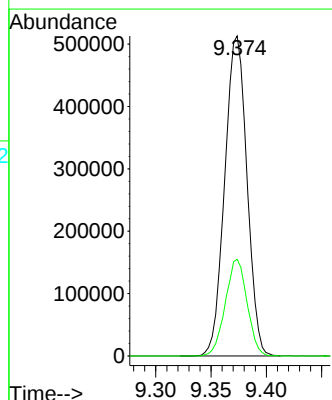
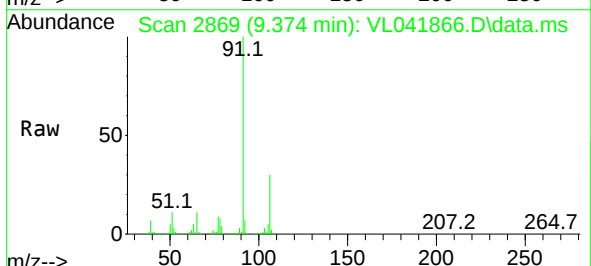
Manual Integrations
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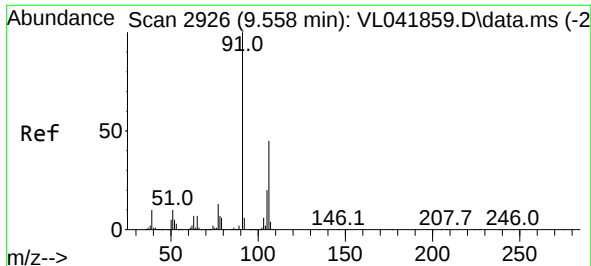
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#58
Ethyl Benzene
Concen: 9.595 ppbv
RT: 9.374 min Scan# 2869
Delta R.T. 0.003 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

Tgt Ion: 91 Resp: 717041
Ion Ratio Lower Upper
91 100
106 30.2 23.8 35.8





#59

m/p-Xylene

Concen: 18.915 ppbv m

RT: 9.548 min Scan# 29

Delta R.T. -0.016 min

Lab File: VL041866.D

Acq: 09 Jan 2025 15:15

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 91 Resp: 111712

Ion Ratio Lower Upper

91 100

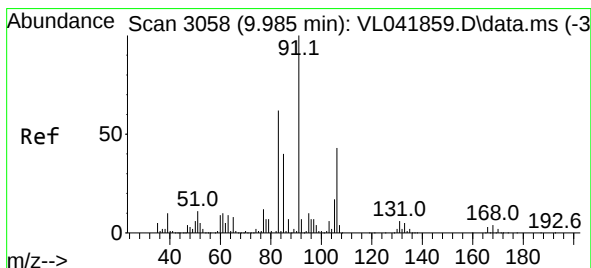
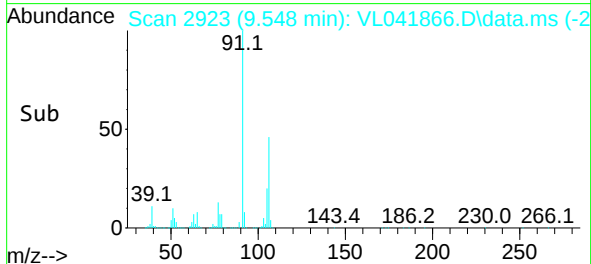
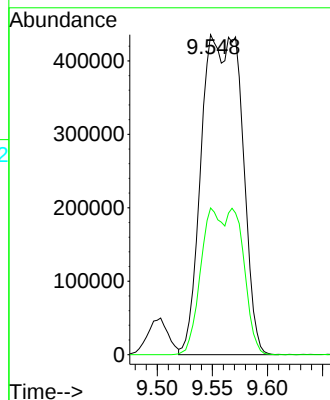
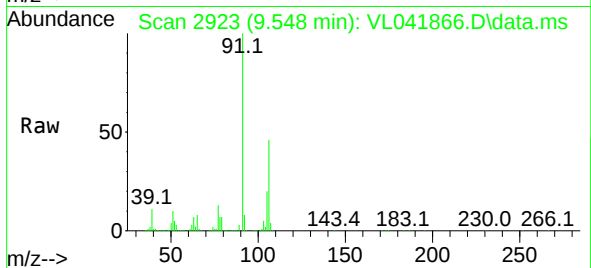
106 0.0 36.8 55.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025



#60

o-Xylene

Concen: 9.433 ppbv

RT: 9.982 min Scan# 3057

Delta R.T. 0.003 min

Lab File: VL041866.D

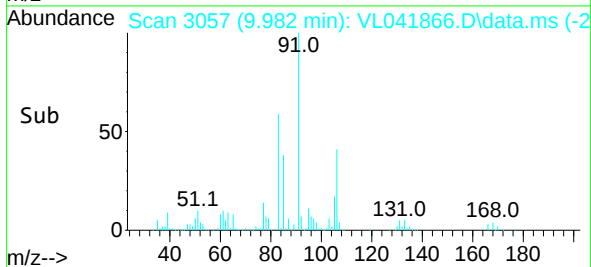
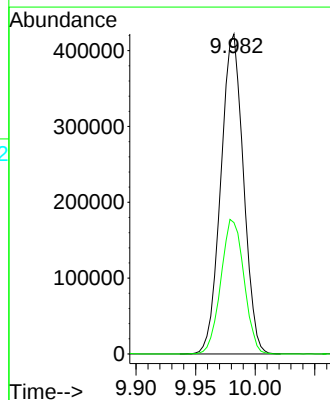
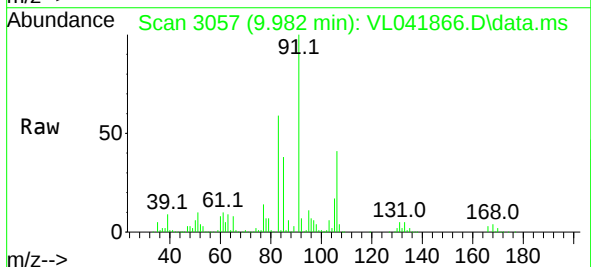
Acq: 09 Jan 2025 15:15

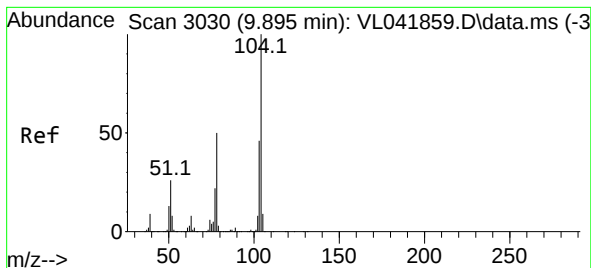
Tgt Ion: 91 Resp: 555689

Ion Ratio Lower Upper

91 100

106 43.0 21.9 65.5





#61

Styrene

Concen: 9.385 ppbv

RT: 9.888 min Scan# 3030

Delta R.T. 0.003 min

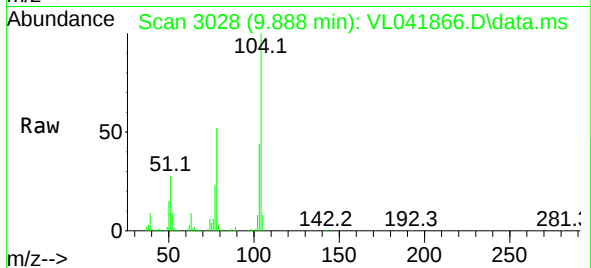
Lab File: VL041866.D

Acq: 09 Jan 2025 15:15

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:104 Resp: 27606

Ion Ratio Lower Upper

104 100

78 51.0 42.8 64.2

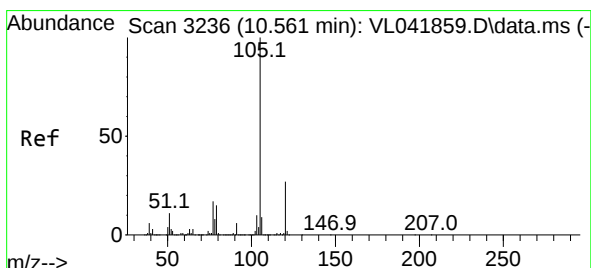
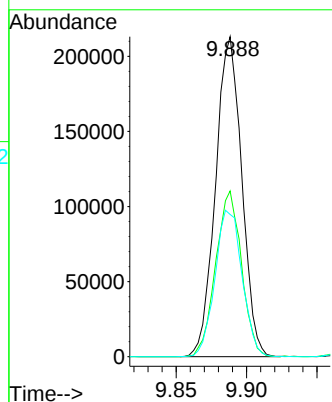
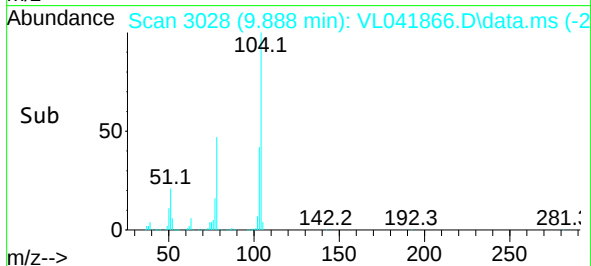
103 47.3 37.8 56.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025



#62

Isopropylbenzene

Concen: 9.415 ppbv

RT: 10.555 min Scan# 3234

Delta R.T. 0.003 min

Lab File: VL041866.D

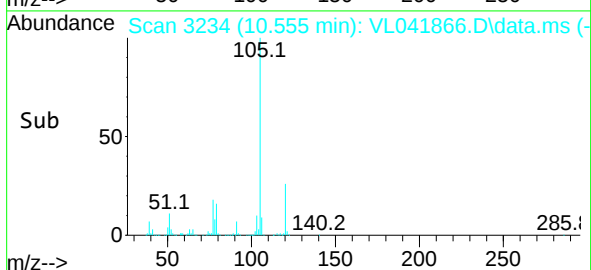
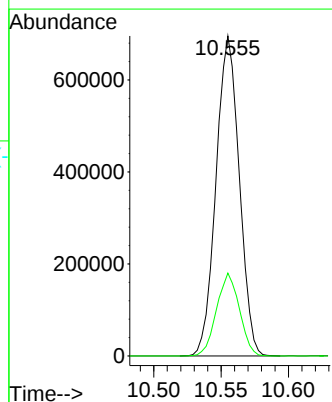
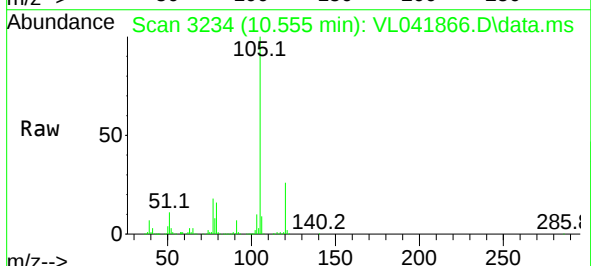
Acq: 09 Jan 2025 15:15

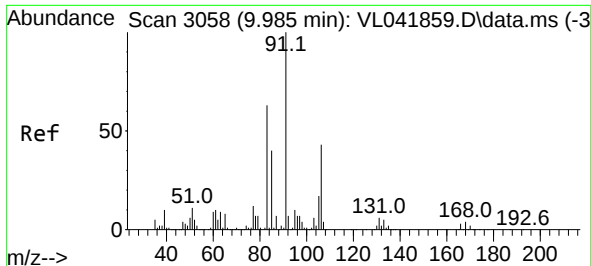
Tgt Ion:105 Resp: 835024

Ion Ratio Lower Upper

105 100

120 25.4 20.4 30.6





#63

1,1,2,2-Tetrachloroethane

Concen: 9.252 ppbv

RT: 9.979 min Scan# 3058

Delta R.T. 0.000 min

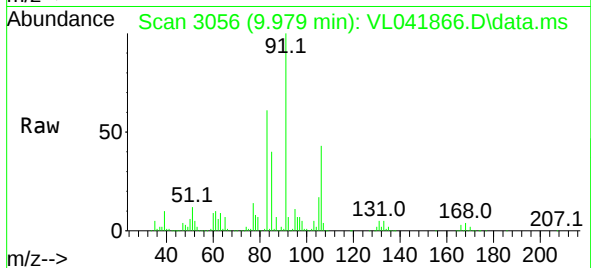
Lab File: VL041866.D

Acq: 09 Jan 2025 15:15

Instrument :

MSVOA_L

ClientSampleId :

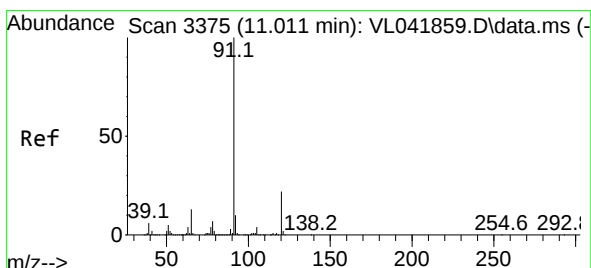
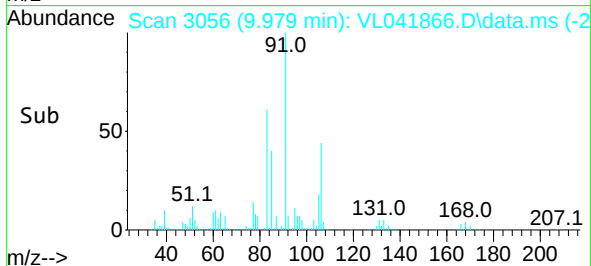
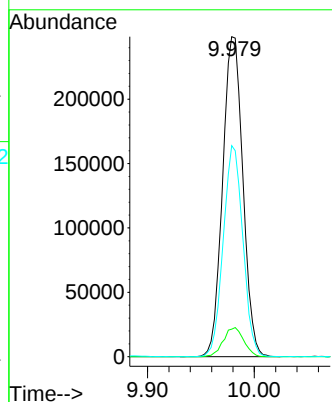


Tgt Ion:	83	Resp:	32734
Ion Ratio	Lower	Upper	
83	100		
131	9.2	4.8	14.3
85	64.0	31.9	95.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#64

n-propylbenzene

Concen: 9.153 ppbv

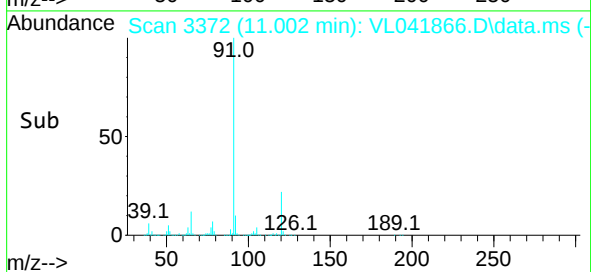
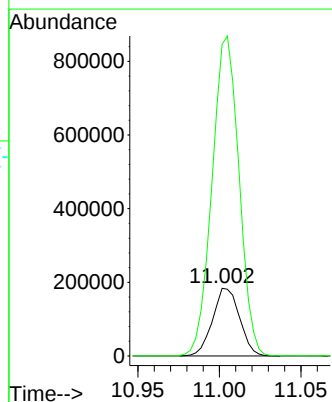
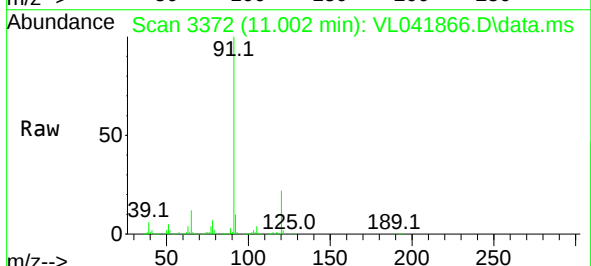
RT: 11.002 min Scan# 3372

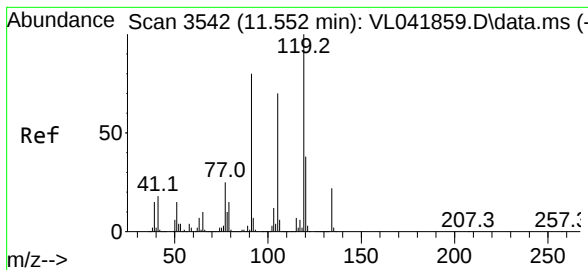
Delta R.T. 0.000 min

Lab File: VL041866.D

Acq: 09 Jan 2025 15:15

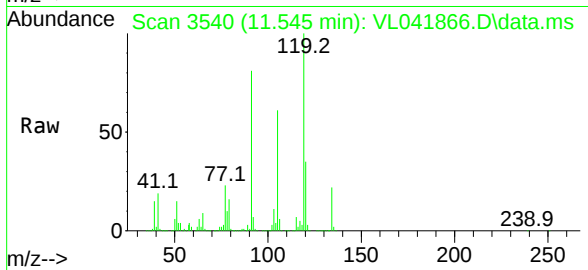
Tgt Ion:	120	Resp:	211515
Ion Ratio	Lower	Upper	
120	100		
91	473.2	382.1	573.1





#65
tert-Butylbenzene
Concen: 9.315 ppbv
RT: 11.545 min Scan# 3540
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

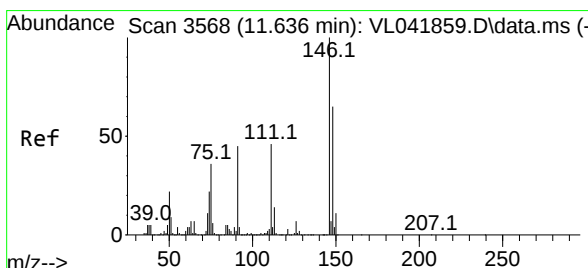
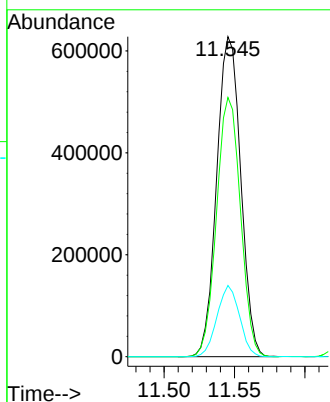
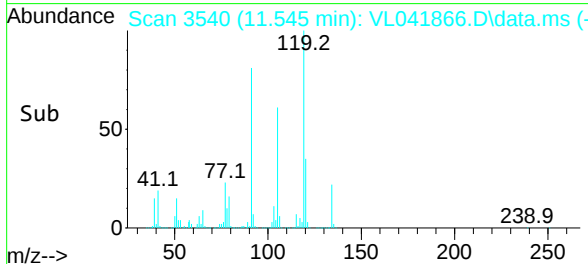
Instrument : MSVOA_L
ClientSampleId :



Tgt Ion: 119 Resp: 747690
Ion Ratio Lower Upper
119 100
91 80.5 68.0 102.0
134 20.9 16.2 24.4

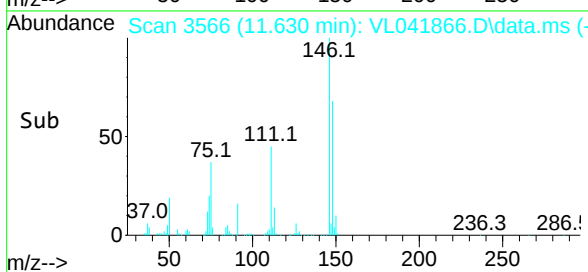
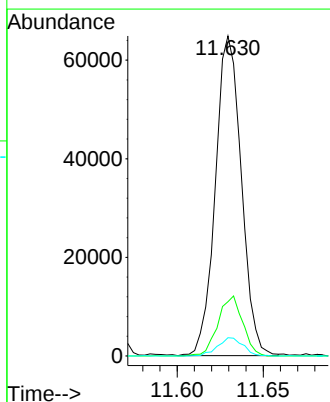
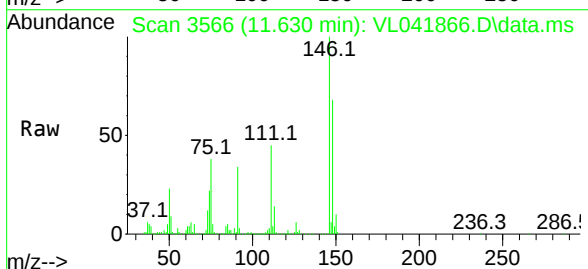
Manual Integrations
APPROVED

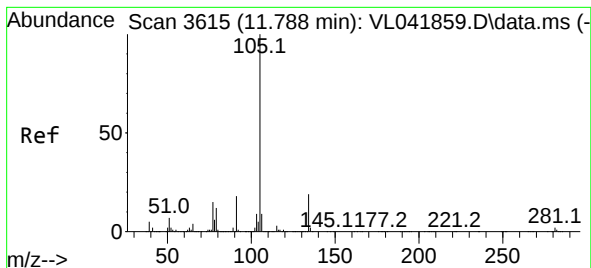
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#66
Benzyl Chloride
Concen: 8.187 ppbv
RT: 11.630 min Scan# 3566
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

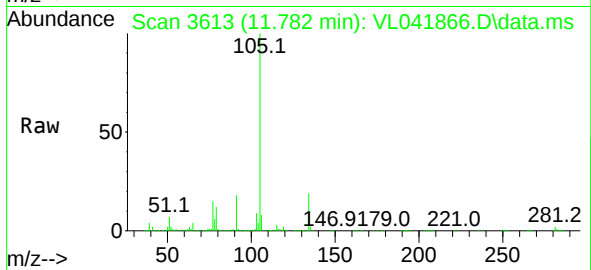
Tgt Ion: 91 Resp: 68070
Ion Ratio Lower Upper
91 100
126 17.8 12.1 18.1
128 5.6 4.3 6.5





#67
 sec-Butylbenzene
 Concen: 9.228 ppbv
 RT: 11.782 min Scan# 3615
 Delta R.T. 0.000 min
 Lab File: VL041866.D
 Acq: 09 Jan 2025 15:15

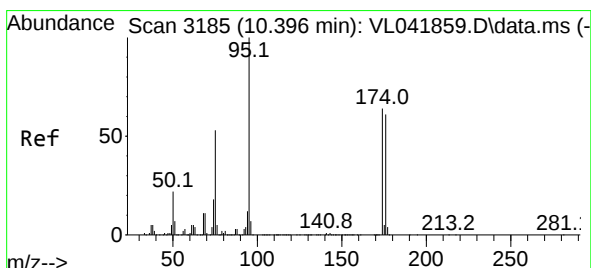
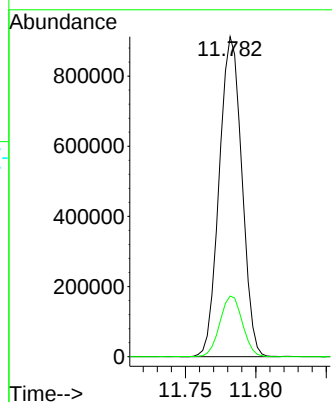
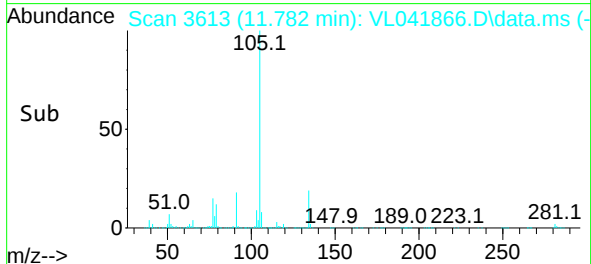
Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:105 Resp: 102058
 Ion Ratio Lower Upper
 105 100
 134 18.9 14.6 22.0

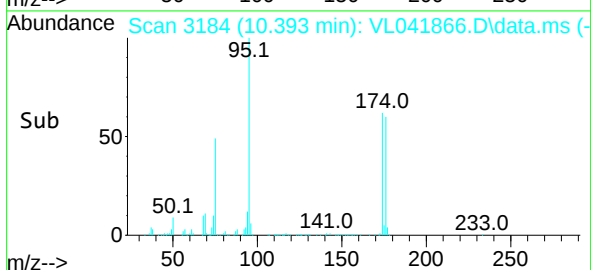
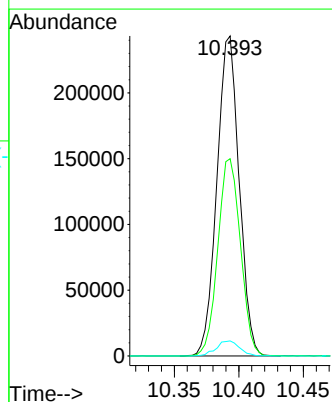
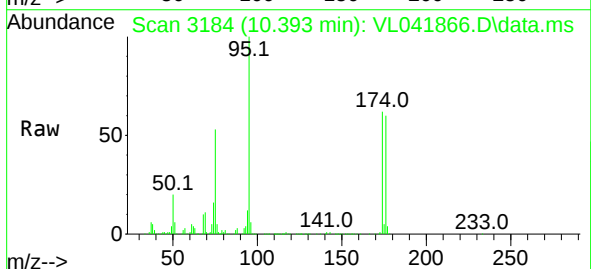
Manual Integrations
 APPROVED

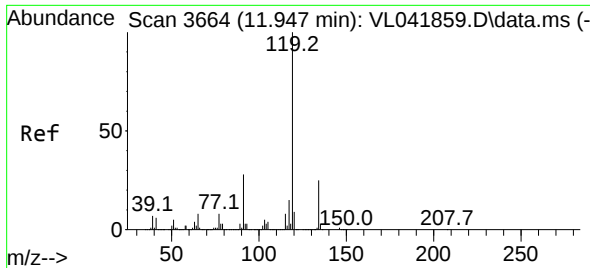
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.001 ppbv
 RT: 10.393 min Scan# 3184
 Delta R.T. 0.003 min
 Lab File: VL041866.D
 Acq: 09 Jan 2025 15:15

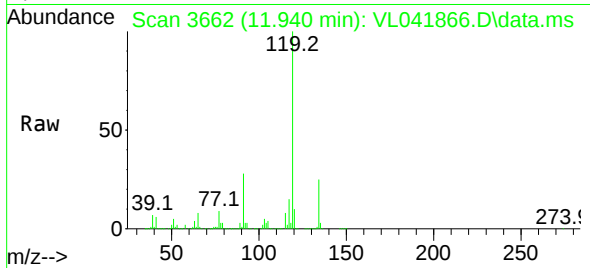
Tgt Ion: 95 Resp: 291470
 Ion Ratio Lower Upper
 95 100
 174 62.7 47.6 71.4
 175 4.9 3.8 5.6





#69
p-Isopropyltoluene
Concen: 9.143 ppbv
RT: 11.940 min Scan# 3662
Delta R.T. 0.003 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

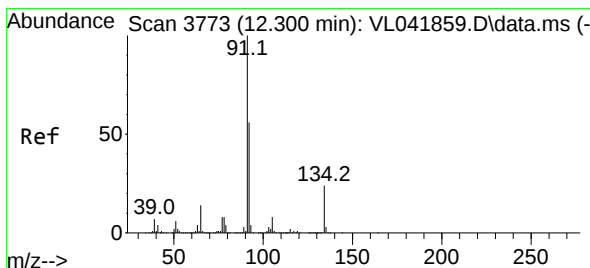
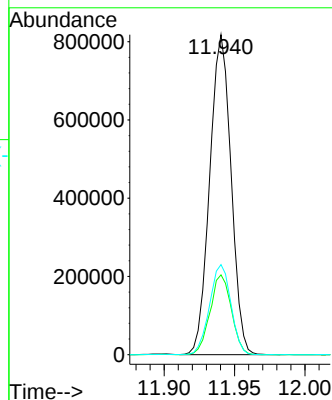
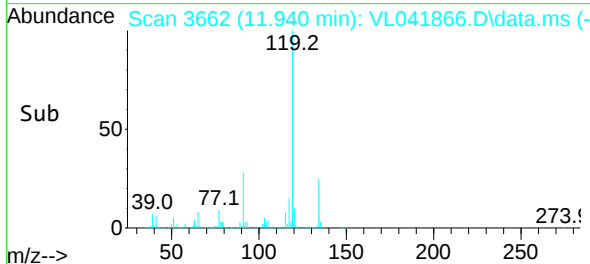
Instrument :
MSVOA_L
ClientSampleId :



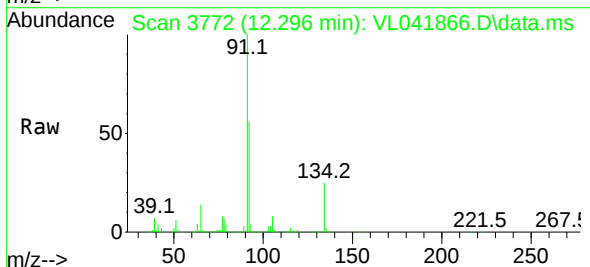
Tgt Ion:119 Resp: 86284
Ion Ratio Lower Upper
119 100
134 25.0 19.4 29.2
91 28.3 24.0 36.0

Manual Integrations
APPROVED

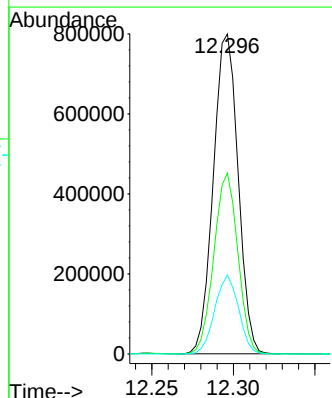
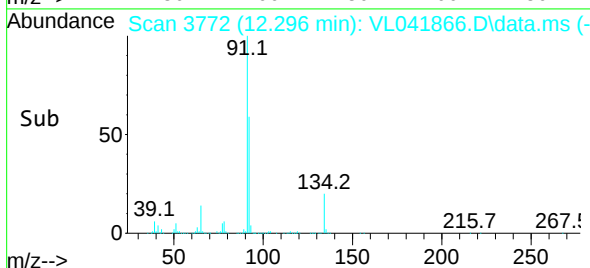
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

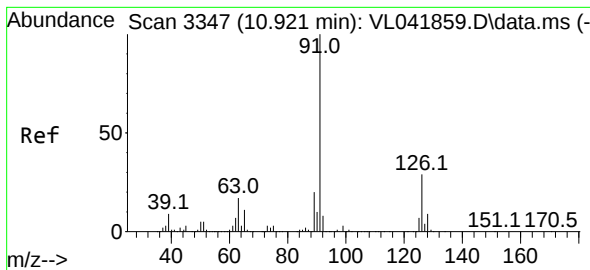


#70
n-Butylbenzene
Concen: 8.907 ppbv
RT: 12.296 min Scan# 3772
Delta R.T. 0.003 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15



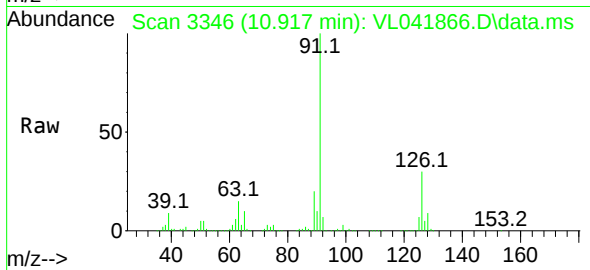
Tgt Ion: 91 Resp: 843727
Ion Ratio Lower Upper
91 100
92 54.9 42.8 64.2
134 23.7 17.8 26.6





#71
2-Chlorotoluene
Concen: 9.116 ppbv
RT: 10.917 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

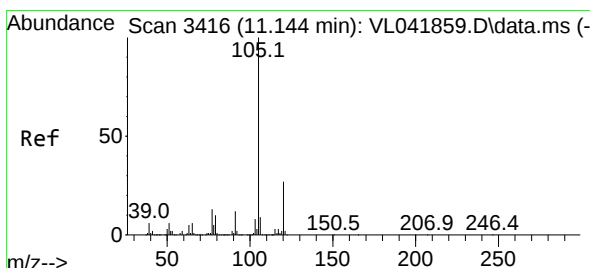
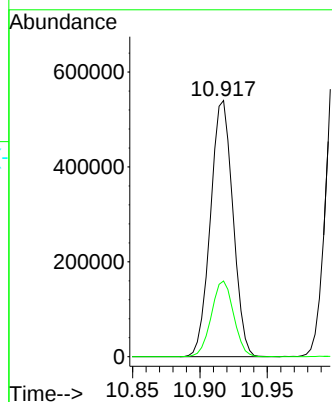
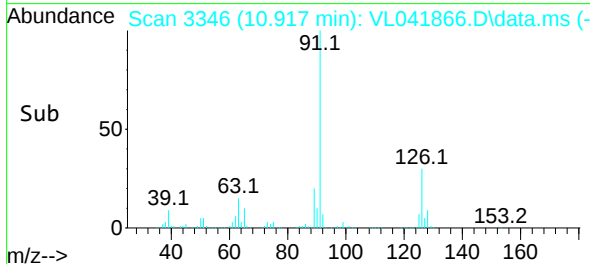
Instrument :
MSVOA_L
ClientSampleId :



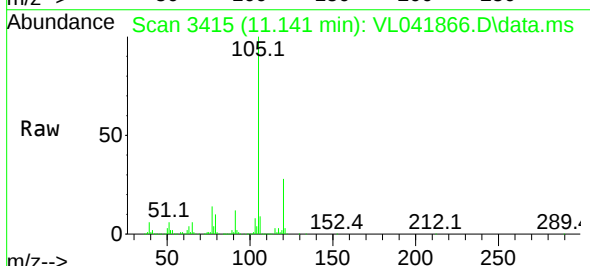
Tgt Ion: 91 Resp: 62595
Ion Ratio Lower Upper
91 100
126 29.3 11.6 46.6

Manual Integrations
APPROVED

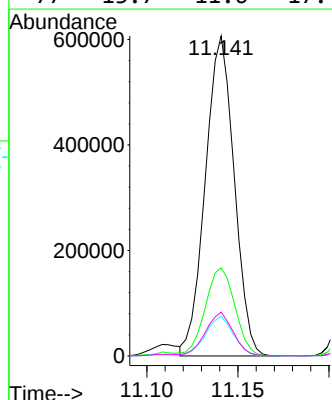
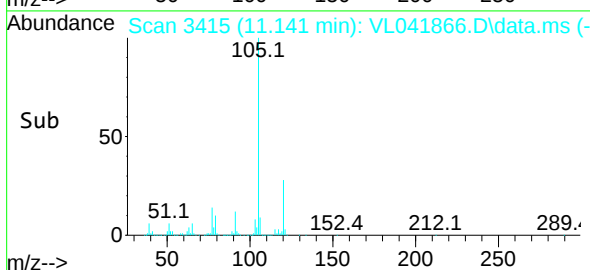
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

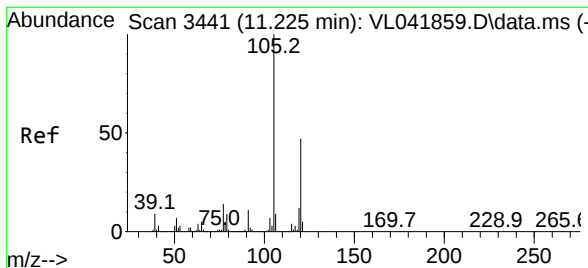


#72
4-Ethyltoluene
Concen: 9.254 ppbv
RT: 11.141 min Scan# 3415
Delta R.T. 0.003 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15



Tgt Ion:105 Resp: 668428
Ion Ratio Lower Upper
105 100
120 29.3 23.4 35.2
91 12.6 10.8 16.2
77 13.7 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 9.332 ppbv

RT: 11.218 min Scan# 3441

Delta R.T. 0.000 min

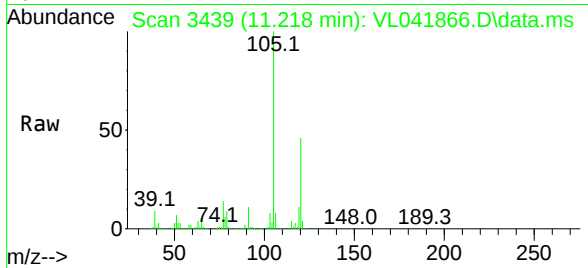
Lab File: VL041866.D

Acq: 09 Jan 2025 15:15

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:105 Resp: 572229

Ion Ratio Lower Upper

105 100

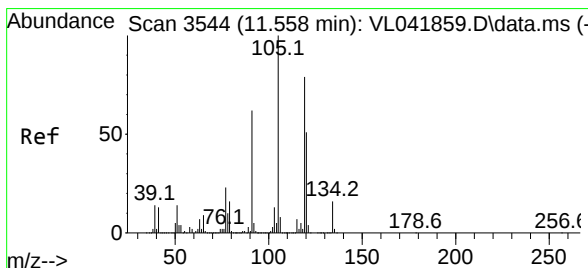
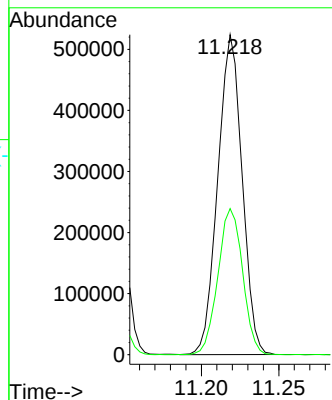
120 45.6 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025



#74

1,2,4-Trimethylbenzene

Concen: 9.114 ppbv

RT: 11.552 min Scan# 3542

Delta R.T. 0.000 min

Lab File: VL041866.D

Acq: 09 Jan 2025 15:15

Tgt Ion:105 Resp: 607041

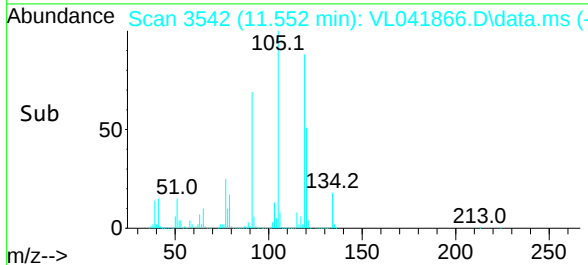
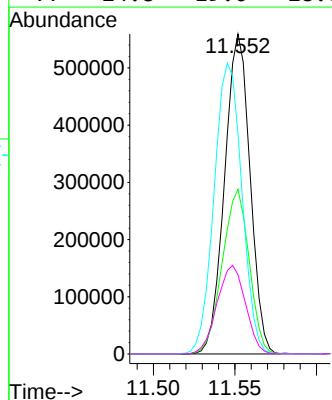
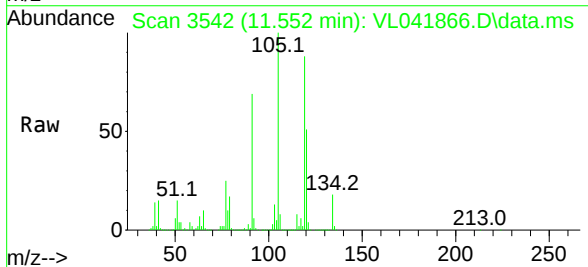
Ion Ratio Lower Upper

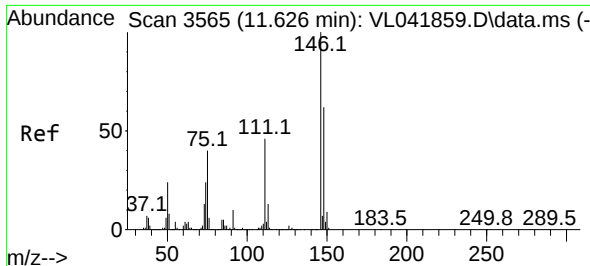
105 100

120 51.4 37.4 56.0

91 69.0 47.4 71.2

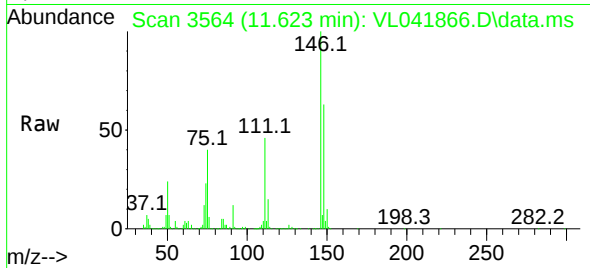
77 24.8 19.0 28.6





#75
1,3-Dichlorobenzene
Concen: 8.734 ppbv
RT: 11.623 min Scan# 3565
Delta R.T. 0.003 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

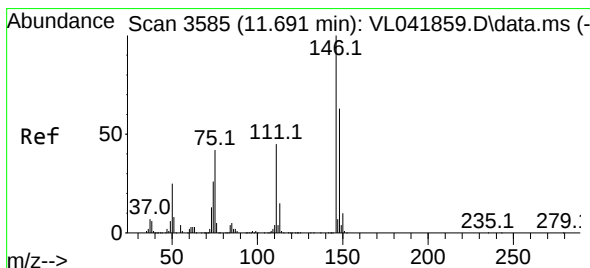
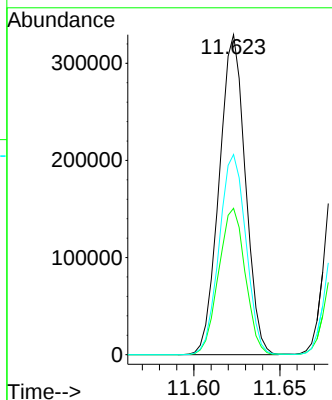
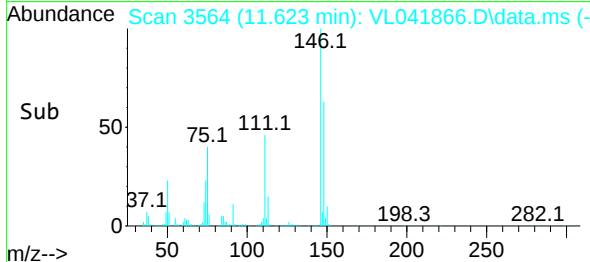
Instrument :
MSVOA_L
ClientSampleId :



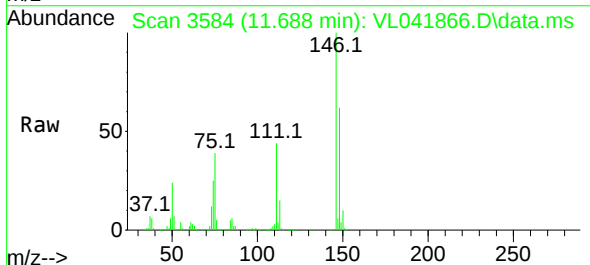
Tgt Ion:146 Resp: 34874
Ion Ratio Lower Upper
146 100
111 46.6 24.1 72.2
148 63.9 32.0 96.0

Manual Integrations
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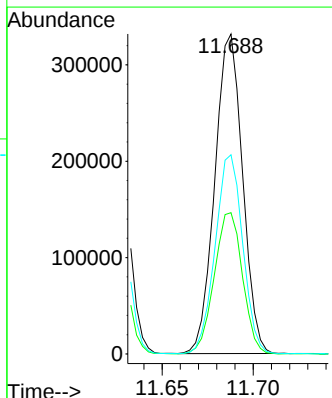
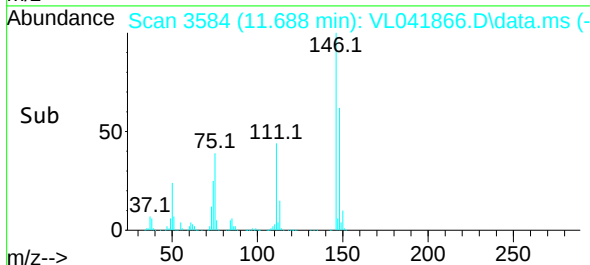
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

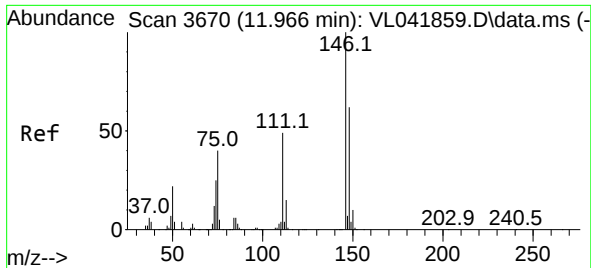


#76
1,4-Dichlorobenzene
Concen: 8.884 ppbv
RT: 11.688 min Scan# 3584
Delta R.T. 0.003 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15



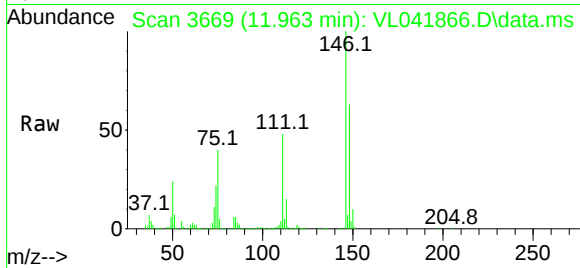
Tgt Ion:146 Resp: 351167
Ion Ratio Lower Upper
146 100
111 45.1 23.2 69.6
148 62.2 32.1 96.3





#77
1,2-Dichlorobenzene
Concen: 8.912 ppbv
RT: 11.963 min Scan# 30
Delta R.T. 0.003 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

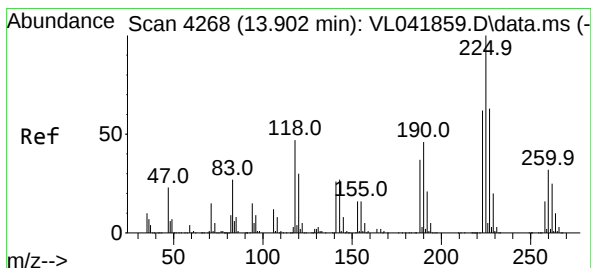
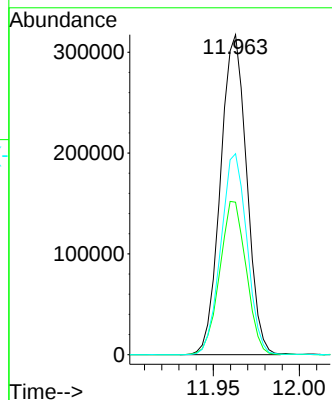
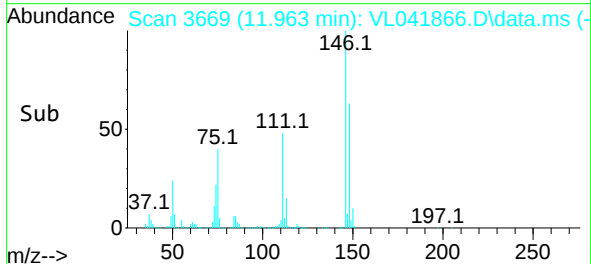
Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion:146 Resp: 336372
Ion Ratio Lower Upper
146 100
111 48.4 24.7 74.1
148 62.6 31.5 94.5

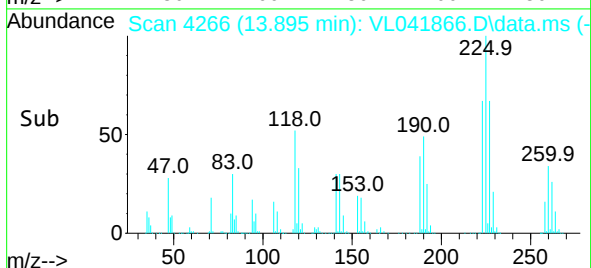
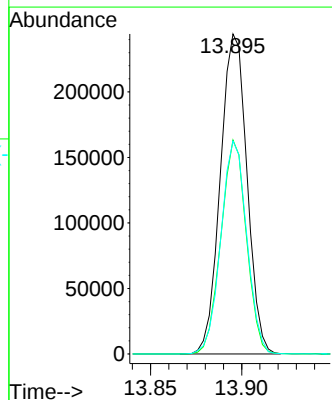
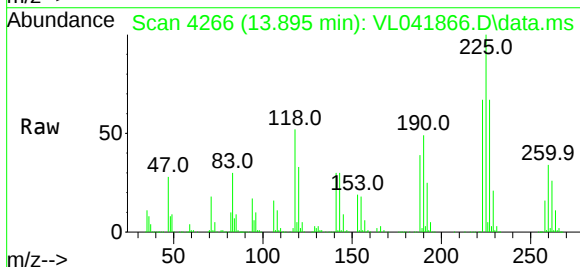
Manual Integrations
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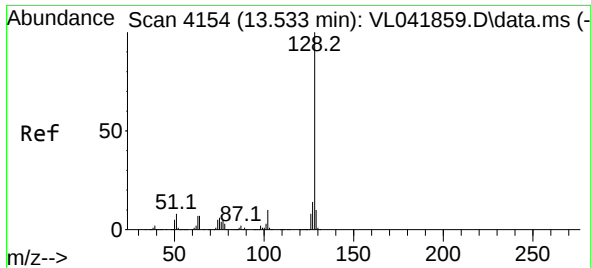
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#78
Hexachloro-1,3-Butadiene
Concen: 7.639 ppbv
RT: 13.895 min Scan# 4266
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

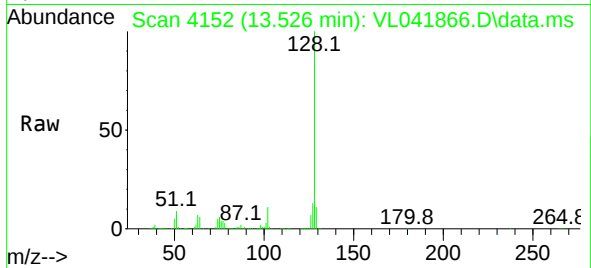
Tgt Ion:225 Resp: 247845
Ion Ratio Lower Upper
225 100
223 63.9 50.4 75.6
227 64.8 51.2 76.8





#79
Naphthalene
Concen: 7.583 ppbv
RT: 13.526 min Scan# 4154
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

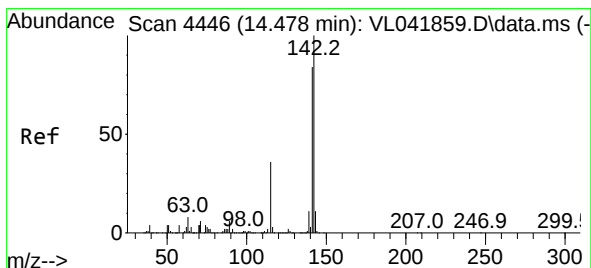
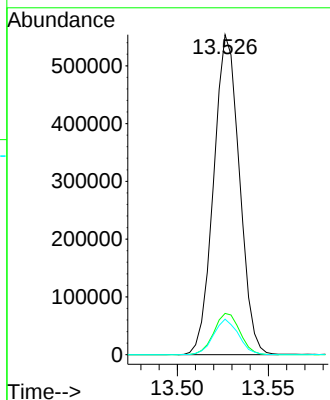
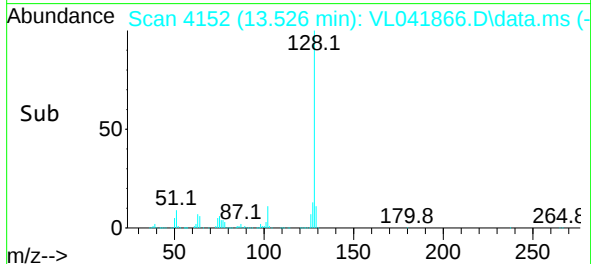
Instrument :
MSVOA_L
ClientSampleId :



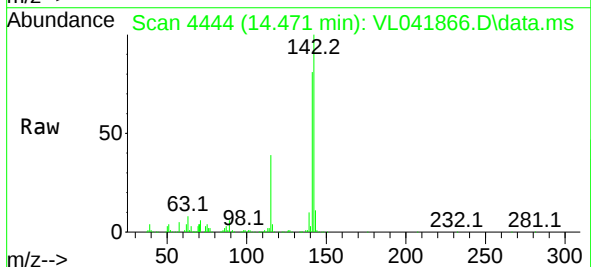
Tgt Ion:128 Resp: 54414
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 11.1 8.2 12.4

Manual Integrations
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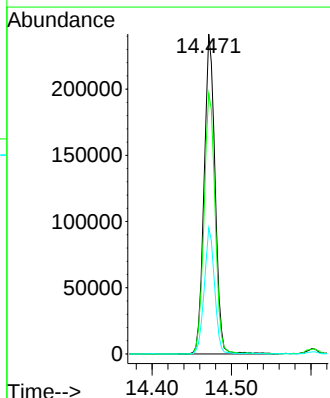
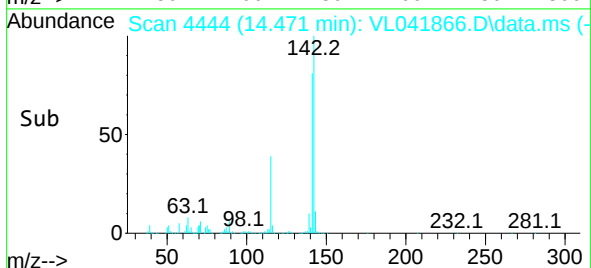
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

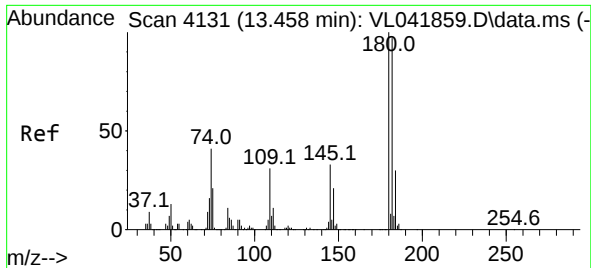


#80
Naphthalene,2-methyl-
Concen: 6.000 ppbv
RT: 14.471 min Scan# 4444
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15



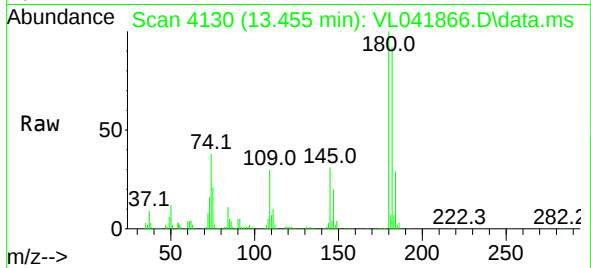
Tgt Ion:142 Resp: 232206
Ion Ratio Lower Upper
142 100
141 83.1 67.8 101.6
115 37.2 32.7 49.1





#81
 1,2,4-Trichlorobenzene
 Concen: 7.888 ppbv
 RT: 13.455 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041866.D
 Acq: 09 Jan 2025 15:15

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 26950
 Ion Ratio Lower Upper
 180 100
 182 93.1 75.9 113.9
 184 29.4 24.8 37.2

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

