

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 :
 ICVVL010925

Manual Integrations
 APPROVED

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

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_LFri Aug 2

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

Response via : Initial Calibration

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

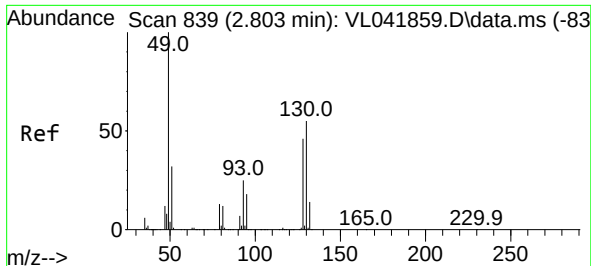
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

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

Response via : Initial Calibration

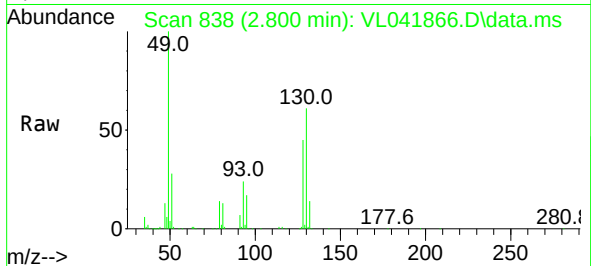
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.632	75	236106	9.483	ppbv	87
47) 1,1,2-Trichloroethane	6.610	97	165331	9.543	ppbv	95
48) Dibromochloromethane	7.409	129	266338	10.137	ppbv	99
49) Bromoform	9.500	173	230376	10.047	ppbv	99
50) 4-Methyl-2-Pentanone	5.784	43	447733	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

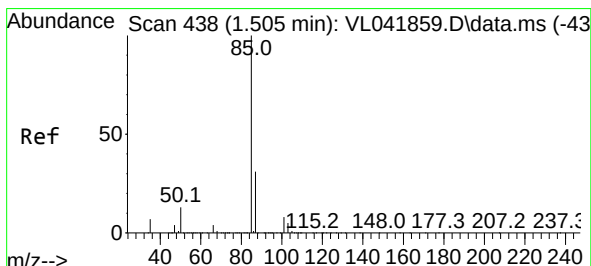
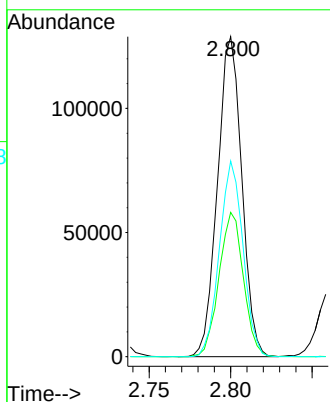
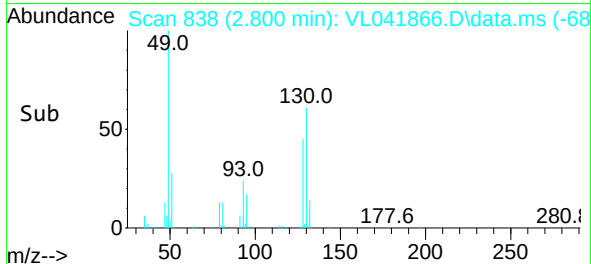
Instrument :
MSVOA_L
ClientSampleId :
ICVVL010925



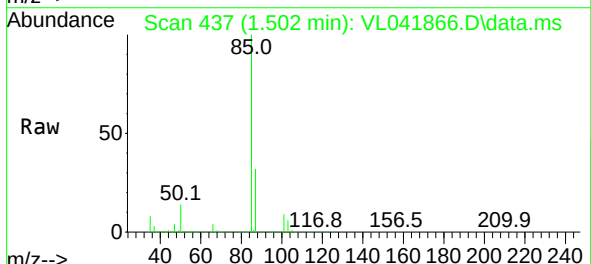
Tgt Ion: 49 Resp: 13344
Ion Ratio Lower Upper
49 100
128 45.3 19.7 59.1
130 59.3 26.4 79.2

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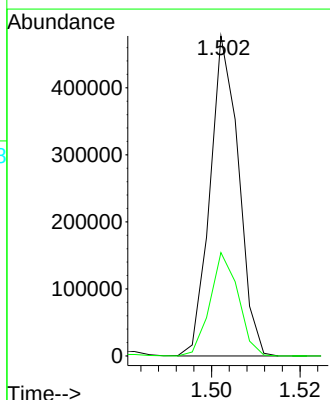
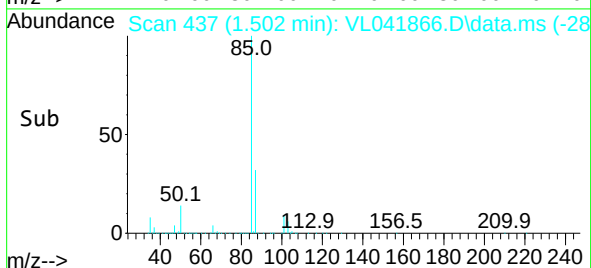
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

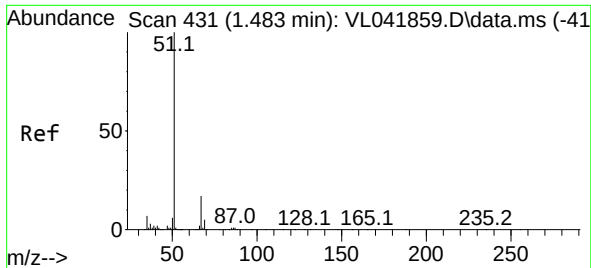


#2
Dichlorodifluoromethane
Concen: 9.767 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15



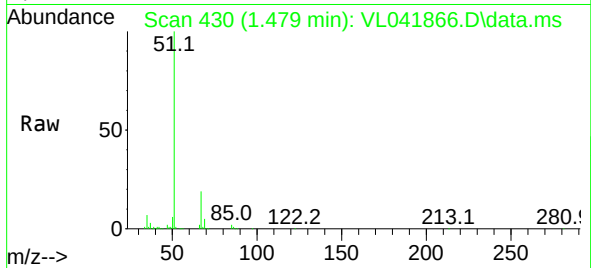
Tgt Ion: 85 Resp: 213962
Ion Ratio Lower Upper
85 100
87 32.3 25.6 38.4





#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

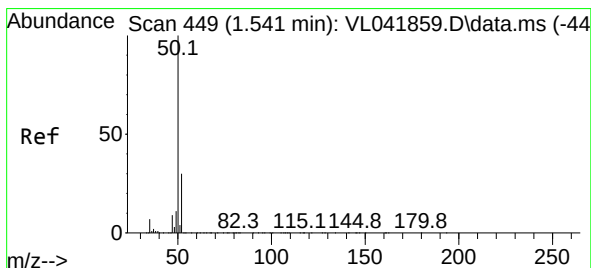
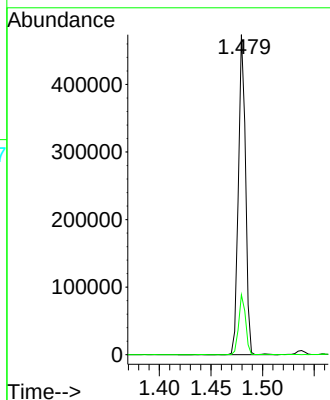
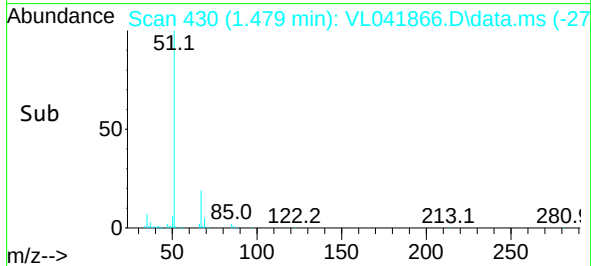
Instrument :
MSVOA_L
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Tgt Ion: 51 Resp: 22563
Ion Ratio Lower Upper
51 100
67 18.5 14.6 22.0

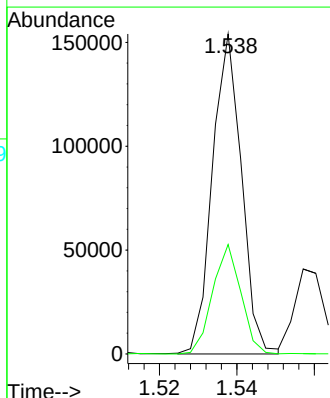
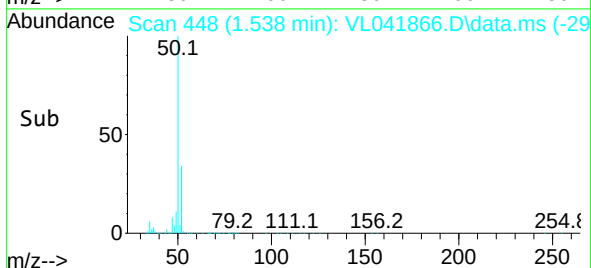
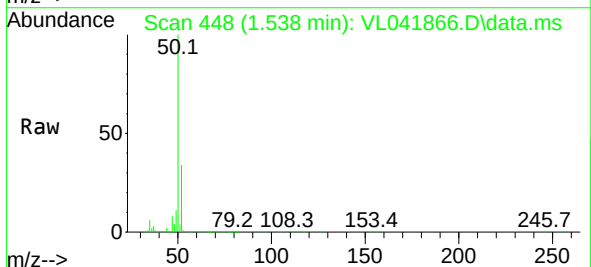
Manual Integrations
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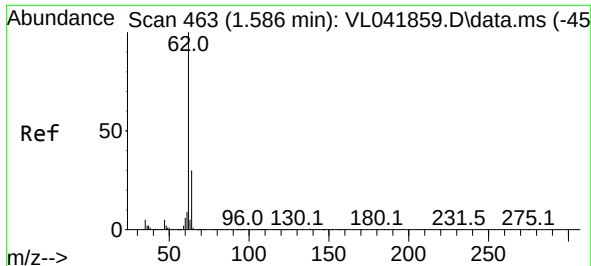
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#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

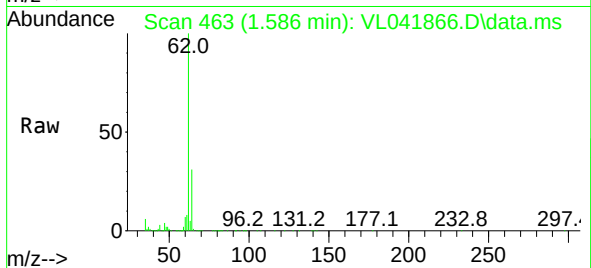
Tgt Ion: 50 Resp: 80251
Ion Ratio Lower Upper
50 100
52 34.3 26.1 39.1





#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

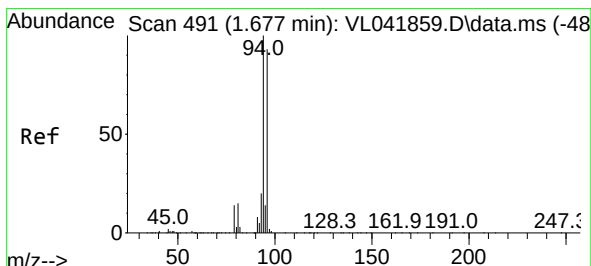
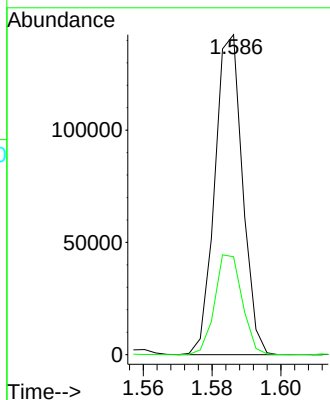
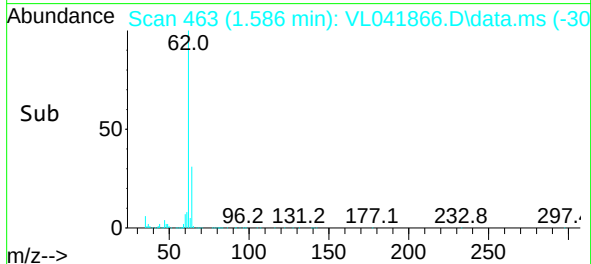
Instrument :
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ClientSampleId :
ICVVL010925



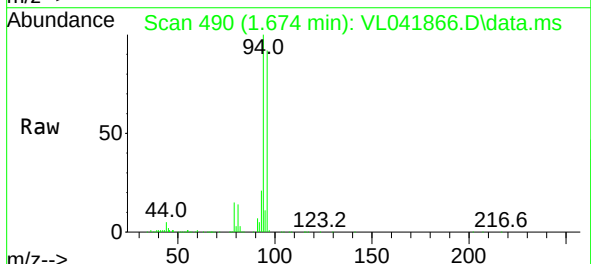
Tgt Ion: 62 Resp: 7986
Ion Ratio Lower Upper
62 100
64 30.6 24.9 37.3

Manual Integrations
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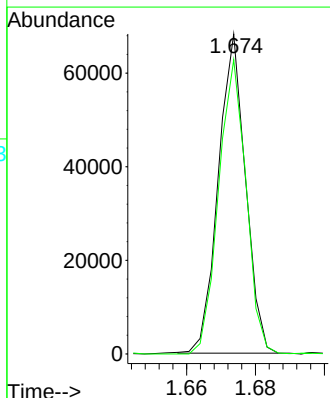
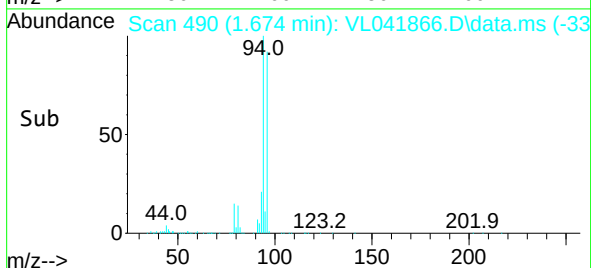
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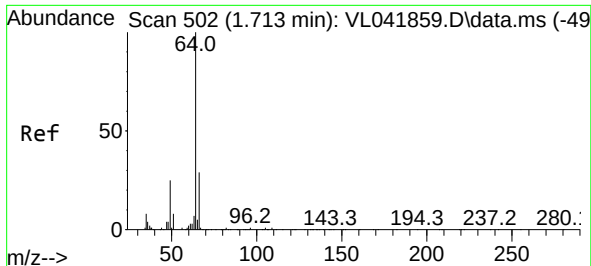


#6
Bromomethane
Concen: 8.740 ppbv
RT: 1.674 min Scan# 490
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15



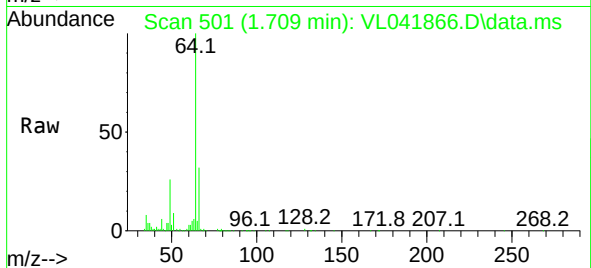
Tgt Ion: 94 Resp: 37306
Ion Ratio Lower Upper
94 100
96 92.2 72.0 108.0





#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

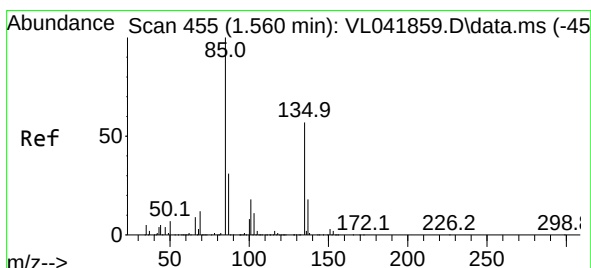
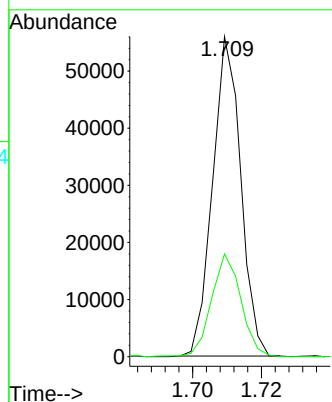
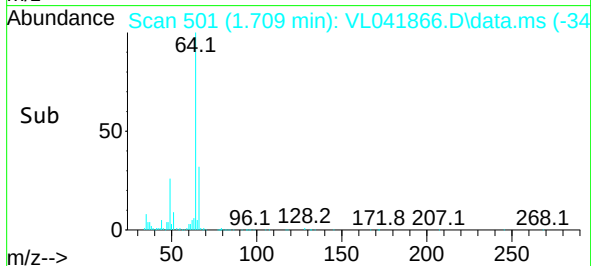
Instrument :
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ClientSampleId :
ICVVL010925



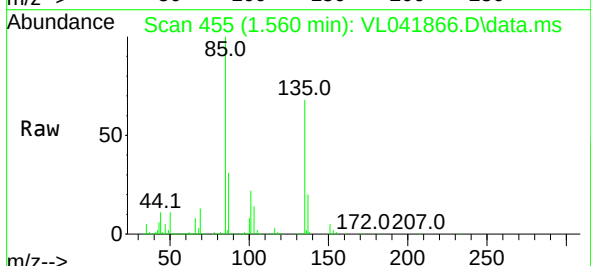
Tgt Ion: 64 Resp: 3170
Ion Ratio Lower Upper
64 100
66 32.1 25.6 38.4

Manual Integrations
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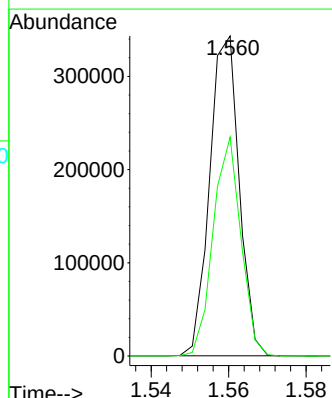
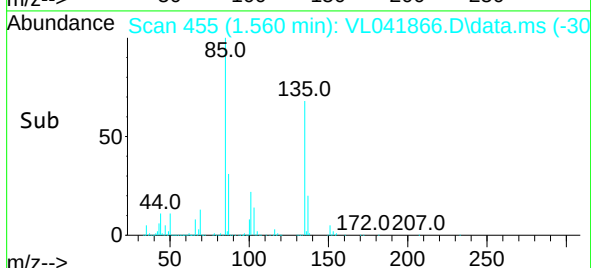
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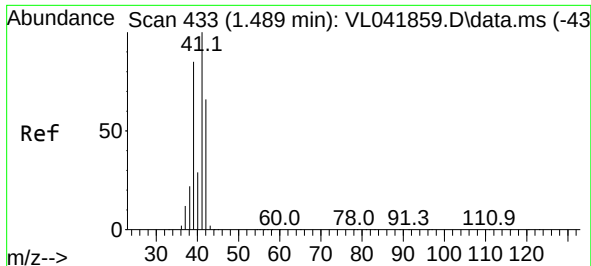


#8
Dichlorotetrafluoroethane
Concen: 9.538 ppbv
RT: 1.560 min Scan# 455
Delta R.T. 0.003 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15



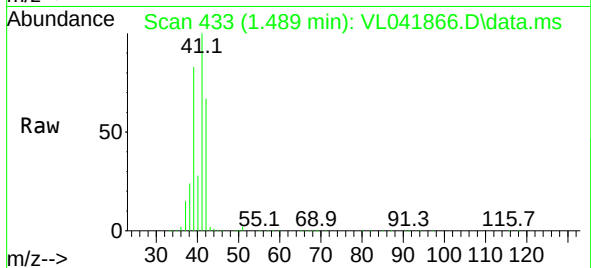
Tgt Ion: 85 Resp: 181663
Ion Ratio Lower Upper
85 100
135 64.2 47.9 71.9





#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

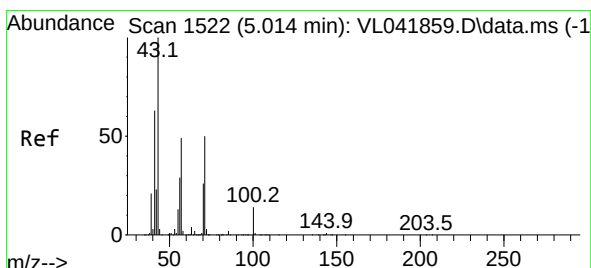
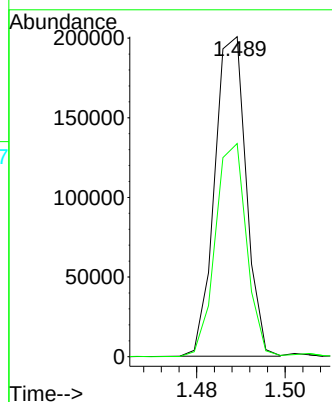
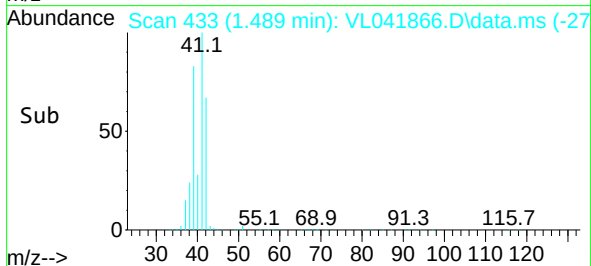
Instrument :
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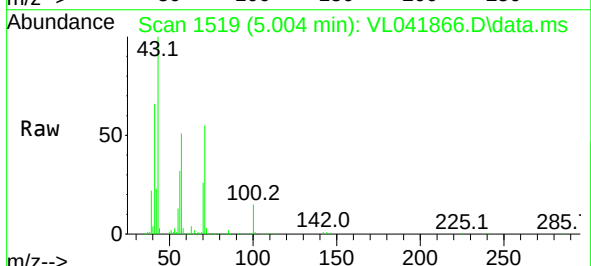
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 Ion Ratio Lower Upper
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 42 66.8 54.4 81.6

Manual Integrations
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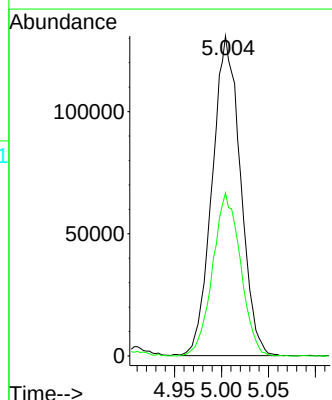
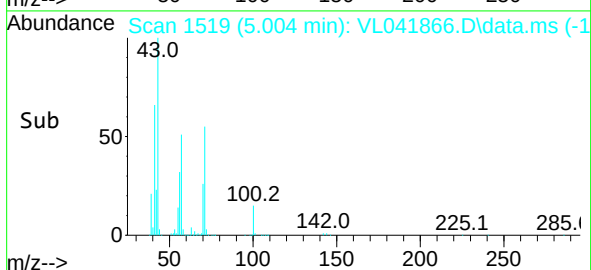
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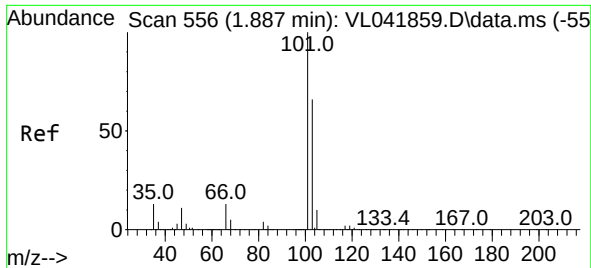


#10
 Heptane
 Concen: 9.222 ppbv
 RT: 5.004 min Scan# 1519
 Delta R.T. 0.000 min
 Lab File: VL041866.D
 Acq: 09 Jan 2025 15:15



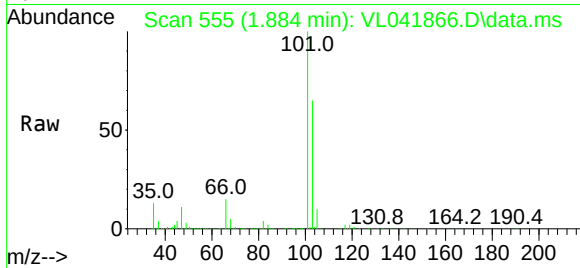
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 Ion Ratio Lower Upper
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 57 50.3 37.8 56.6





#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

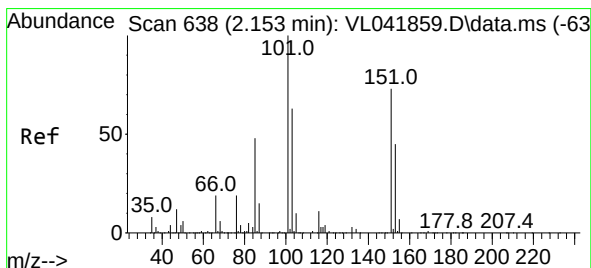
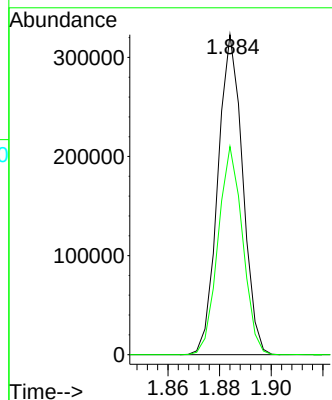
Instrument :
MSVOA_L
ClientSampleId :
ICVVL010925



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

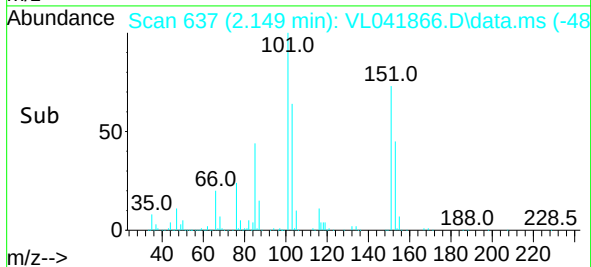
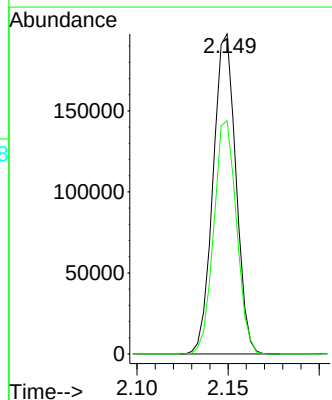
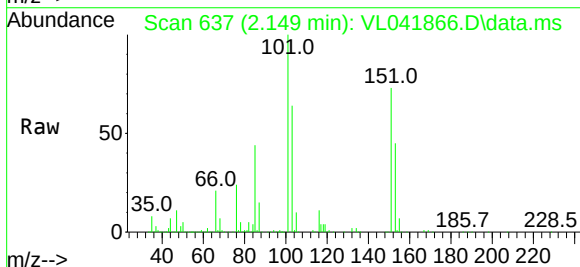
Manual Integrations
APPROVED

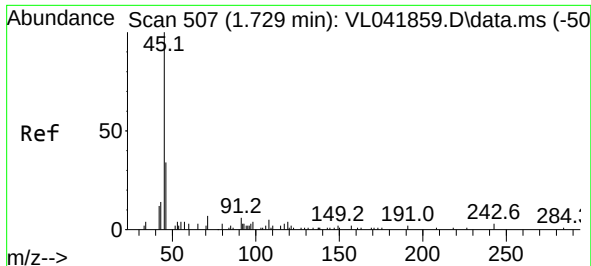
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#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

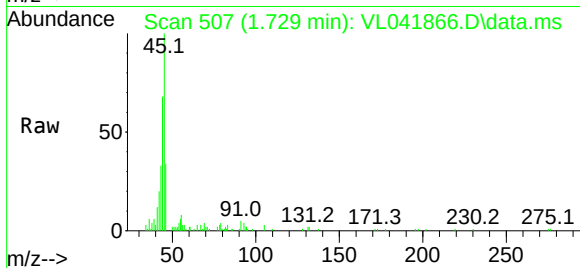
Tgt Ion:101 Resp: 171593
Ion Ratio Lower Upper
101 100
151 72.6 53.2 79.8





#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

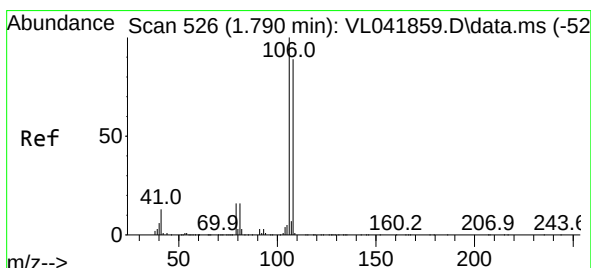
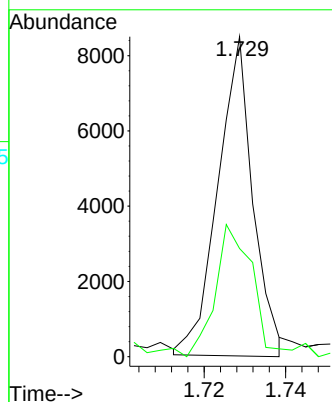
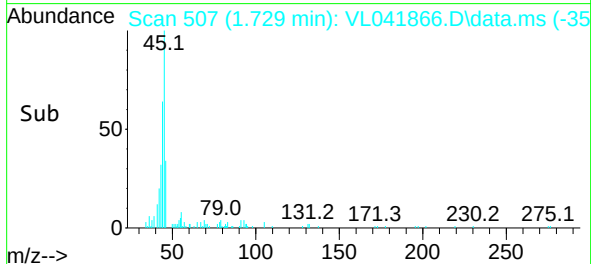
Instrument : MSVOA_L
ClientSampleId : ICVVL010925



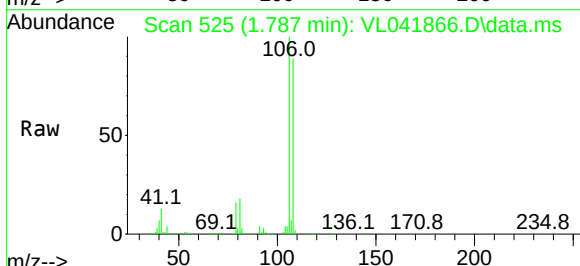
Tgt Ion: 45 Resp: 5044
Ion Ratio Lower Upper
45 100
46 50.6 16.1 64.5

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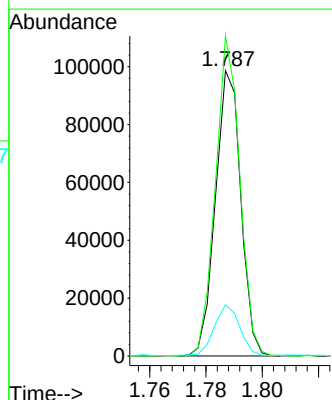
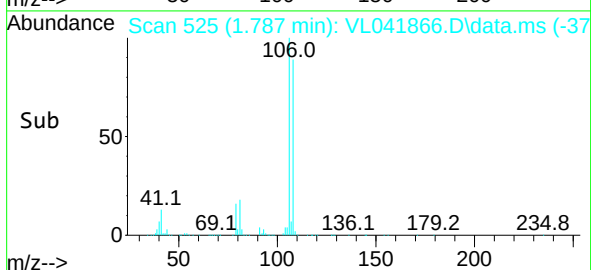
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

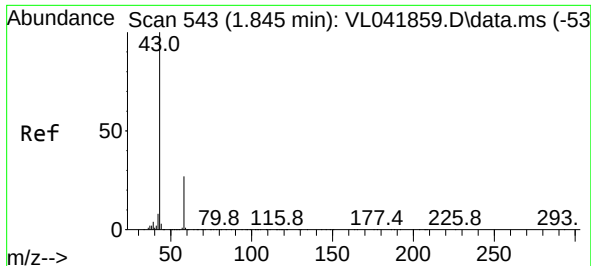


#14
Bromoethene
Concen: 9.463 ppbv
RT: 1.787 min Scan# 525
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15



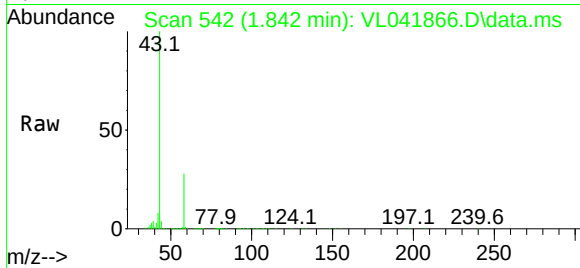
Tgt Ion:108 Resp: 61700
Ion Ratio Lower Upper
108 100
106 108.2 84.6 126.8
79 18.9 18.3 27.5





#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

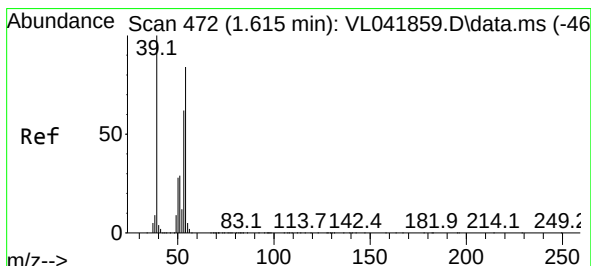
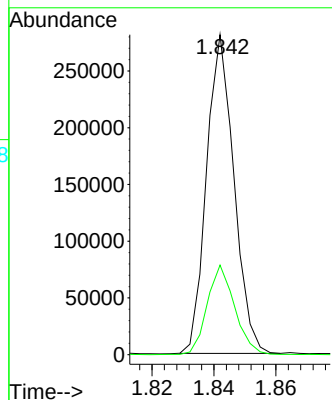
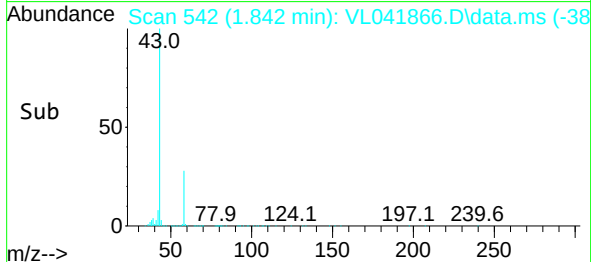
Instrument : MSVOA_L
ClientSampleId : ICVVL010925



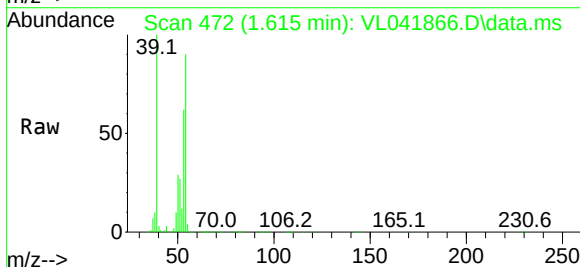
Tgt Ion: 43 Resp: 172410
Ion Ratio Lower Upper
43 100
58 28.4 20.2 30.2

Manual Integrations
APPROVED

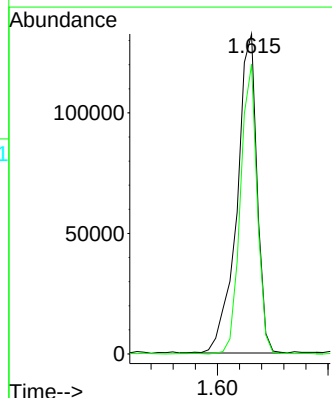
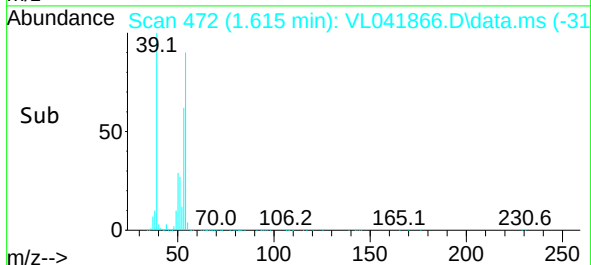
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

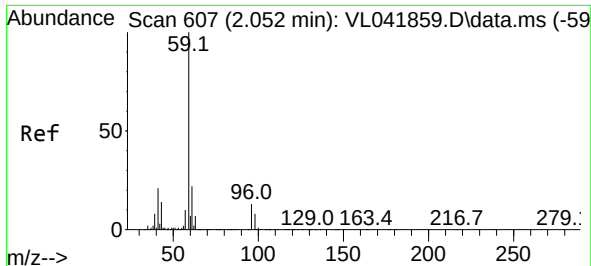


#16
1,3-Butadiene
Concen: 8.654 ppbv
RT: 1.615 min Scan# 472
Delta R.T. 0.003 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15



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





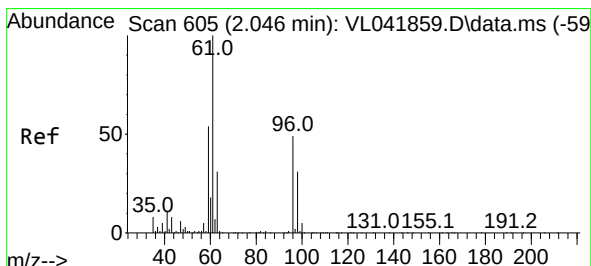
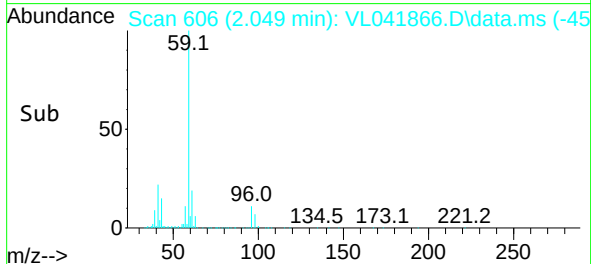
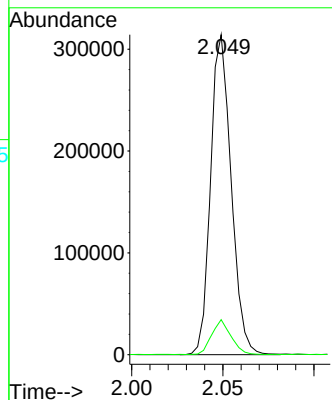
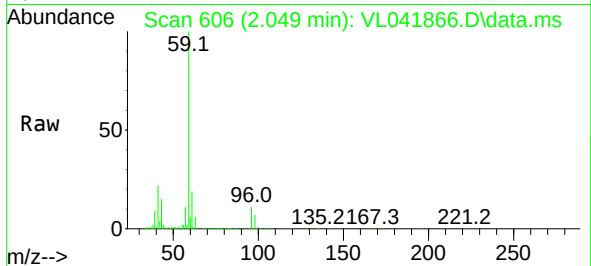
#17
tert-Butyl alcohol
Concen: 9.669 ppbv
RT: 2.049 min Scan# 607
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

Instrument :
MSVOA_L
ClientSampleId :
ICVVL010925

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

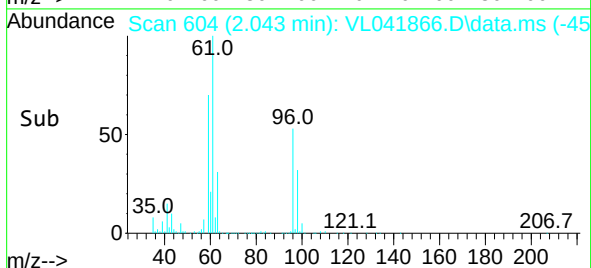
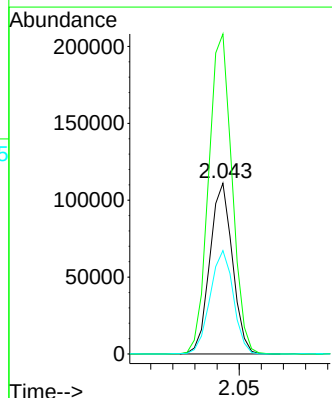
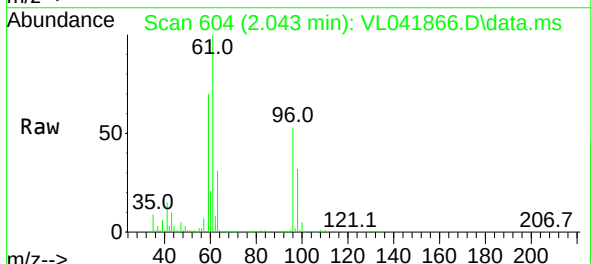
Manual Integrations
APPROVED

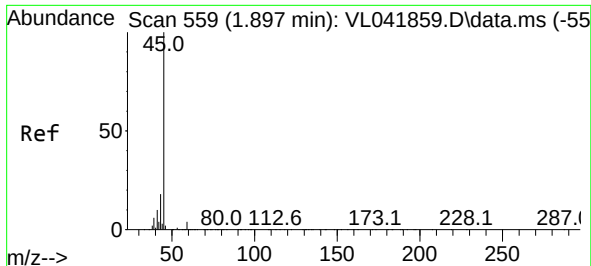
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#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





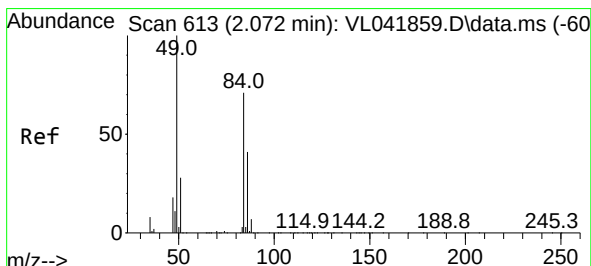
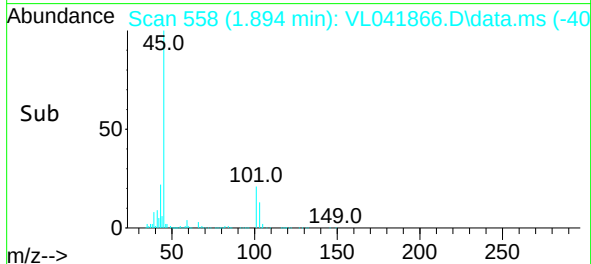
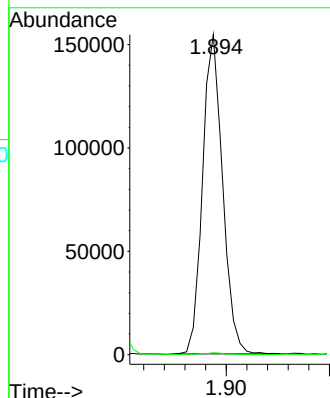
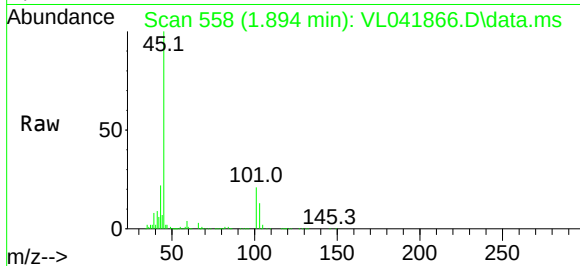
#19
Isopropyl Alcohol
Concen: 8.766 ppbv
RT: 1.894 min Scan# 51
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

Instrument :
MSVOA_L
ClientSampleId :
ICVVL010925

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

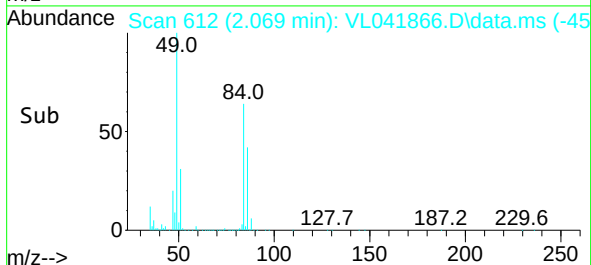
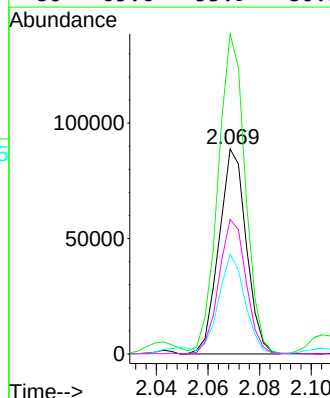
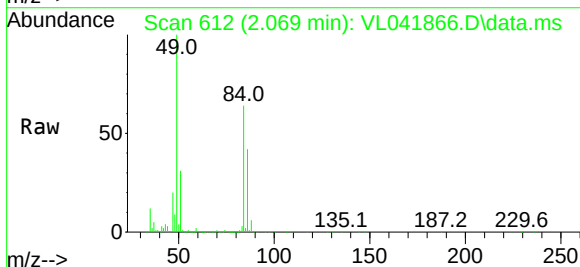
Manual Integrations
APPROVED

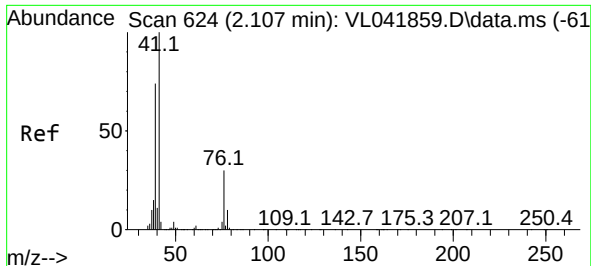
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#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

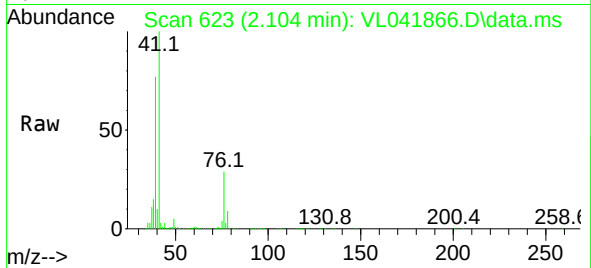
Tgt Ion: 84 Resp: 65389
Ion Ratio Lower Upper
84 100
49 155.8 137.8 206.8
51 48.1 43.9 65.9
86 65.6 53.9 80.9





#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

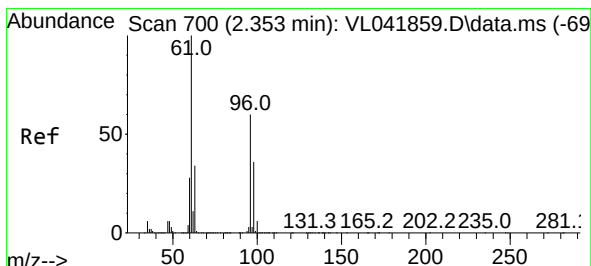
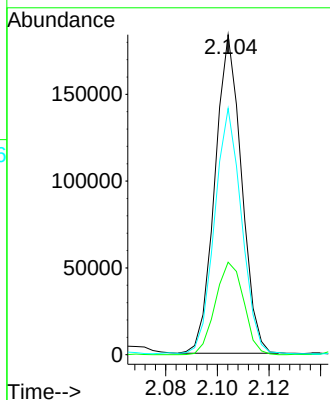
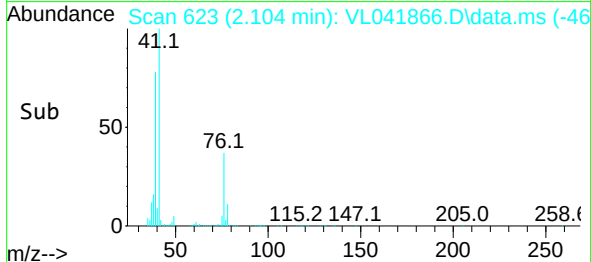
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL010925



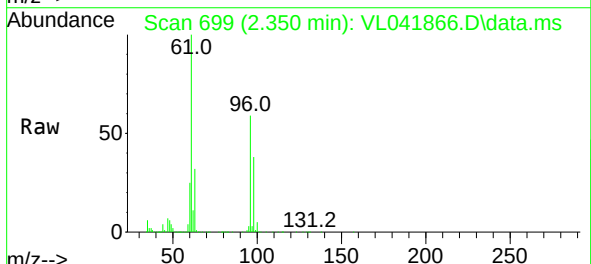
Tgt Ion: 41 Resp: 131360
 Ion Ratio Lower Upper
 41 100
 76 30.7 20.6 31.0
 39 78.9 67.4 101.2

Manual Integrations
 APPROVED

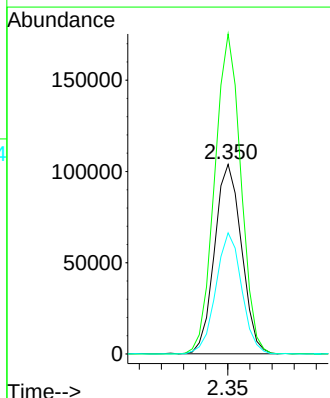
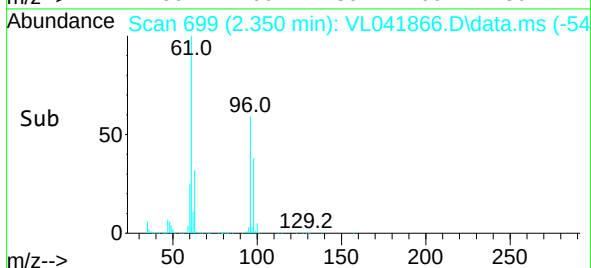
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

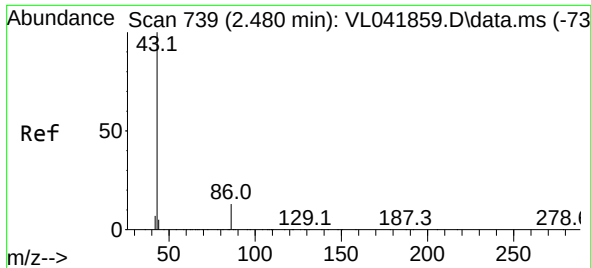


#22
 trans-1,2-Dichloroethene
 Concen: 9.216 ppbv
 RT: 2.350 min Scan# 699
 Delta R.T. 0.000 min
 Lab File: VL041866.D
 Acq: 09 Jan 2025 15:15



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





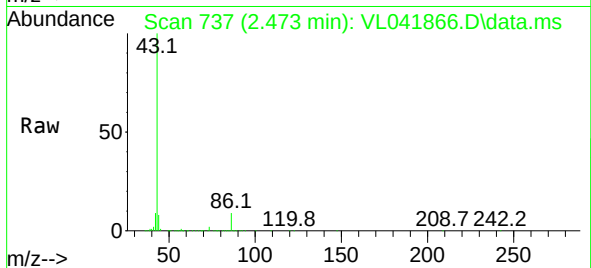
#23
 Vinyl Acetate
 Concen: 9.411 ppbv
 RT: 2.473 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VL041866.D
 Acq: 09 Jan 2025 15:15

Instrument :

MSVOA_L

ClientSampleId :

ICVVL010925

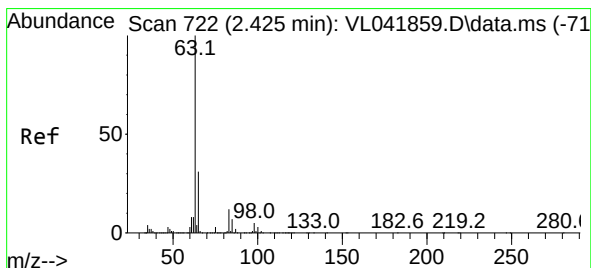
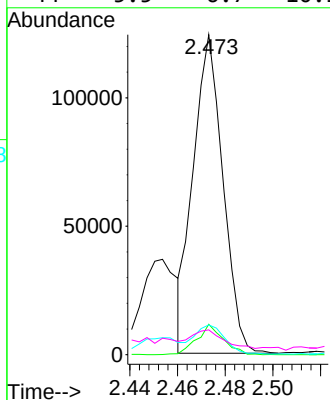
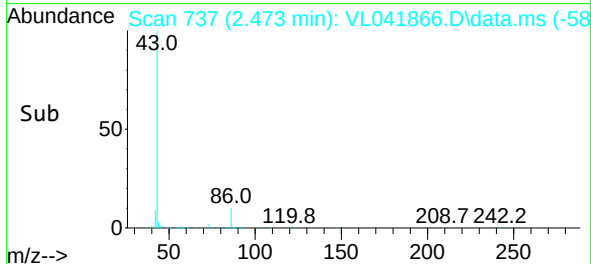


Tgt Ion: 43 Resp: 107320
 Ion Ratio Lower Upper
 43 100
 86 9.5 6.4 9.6
 42 9.1 9.5 14.3
 44 5.5 6.7 10.1#

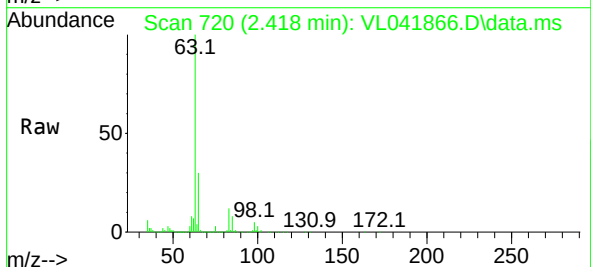
Manual Integrations

APPROVED

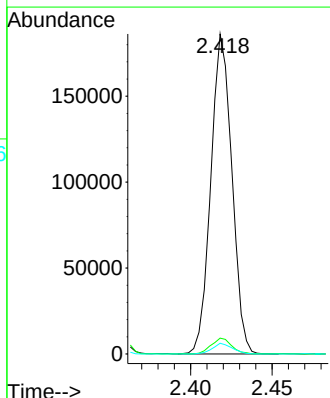
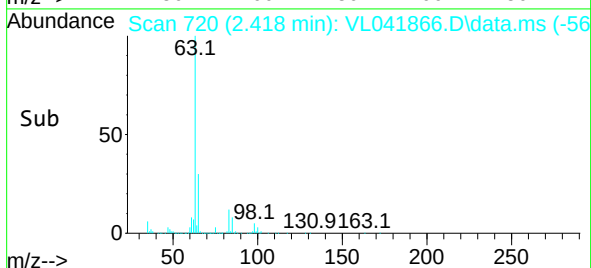
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

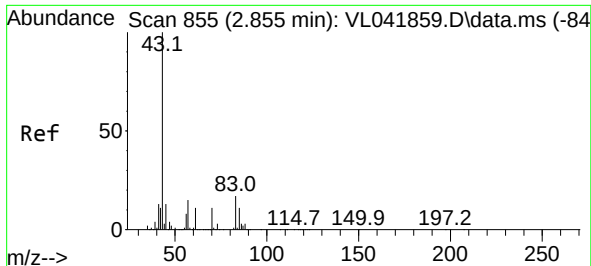


#24
 1,1-Dichloroethane
 Concen: 9.264 ppbv
 RT: 2.418 min Scan# 720
 Delta R.T. 0.000 min
 Lab File: VL041866.D
 Acq: 09 Jan 2025 15:15



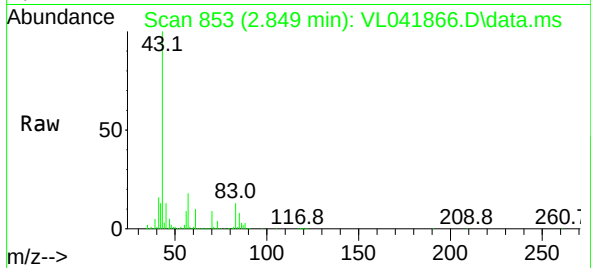
Tgt Ion: 63 Resp: 167453
 Ion Ratio Lower Upper
 63 100
 98 4.9 2.3 6.9
 100 3.4 1.4 4.0





#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

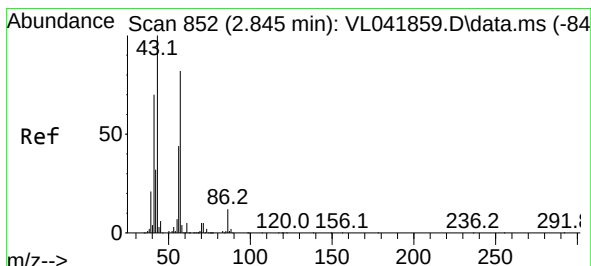
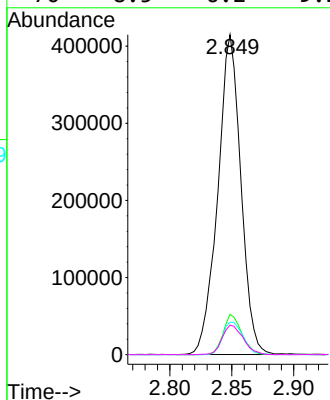
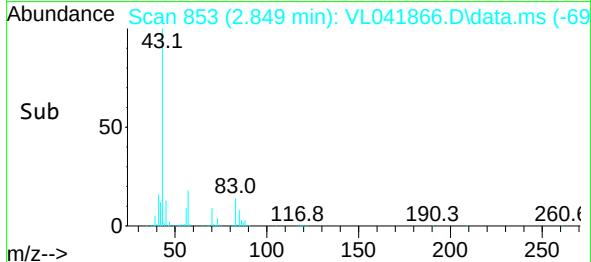
Instrument :
MSVOA_L
ClientSampleId :
ICVVL010925



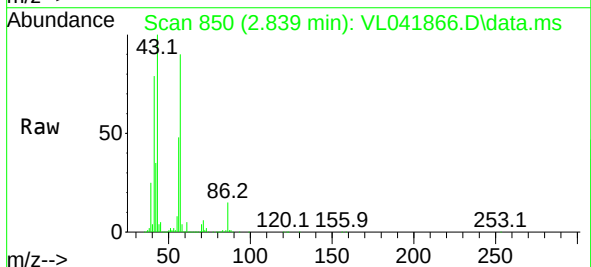
Tgt Ion: 43 Resp: 53772
Ion Ratio Lower Upper
43 100
45 10.2 7.8 11.8
61 9.2 7.0 10.6
70 8.5 6.2 9.2

Manual Integrations
APPROVED

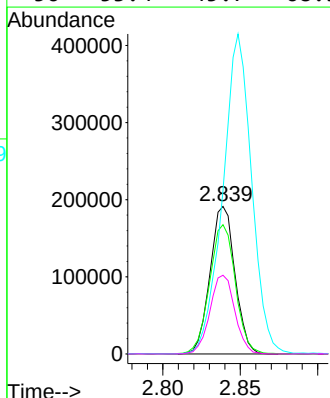
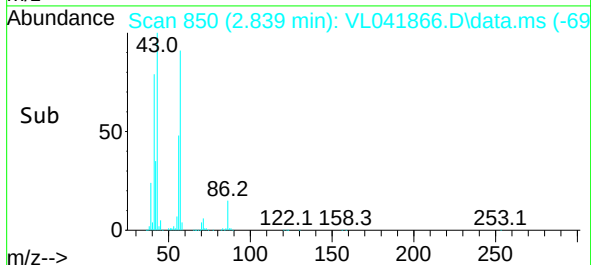
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

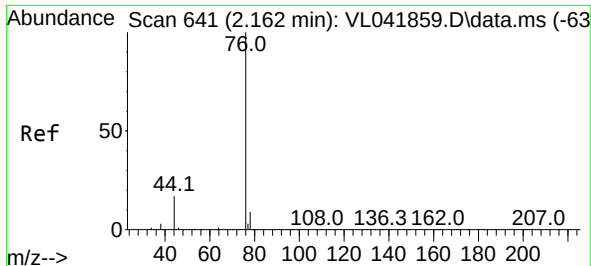


#26
Hexane
Concen: 9.290 ppbv
RT: 2.839 min Scan# 850
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15



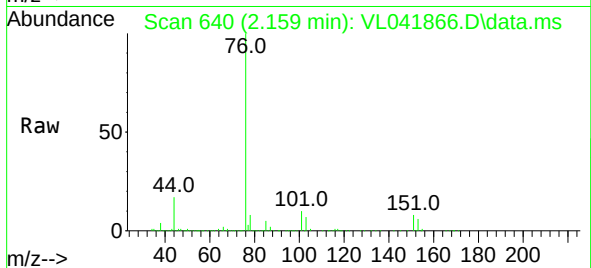
Tgt Ion: 57 Resp: 213717
Ion Ratio Lower Upper
57 100
41 91.5 84.1 126.1
43 252.2 218.4 327.6
56 53.4 45.7 68.5





#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

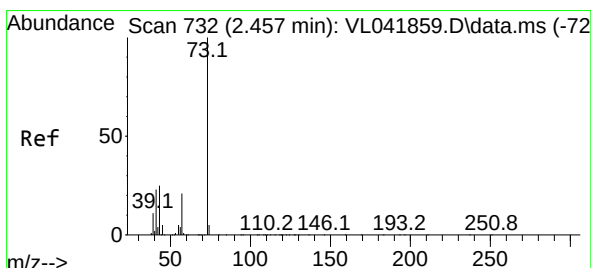
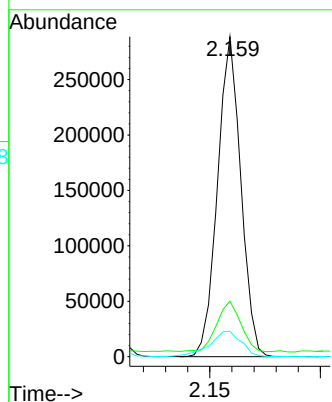
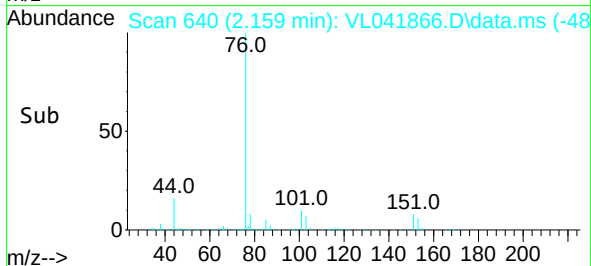
Instrument : MSVOA_L
ClientSampleId : ICVVL010925



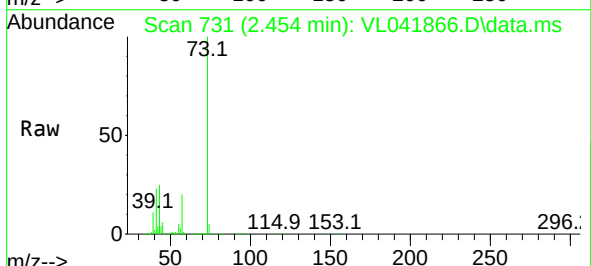
Tgt Ion: 76 Resp: 211082
Ion Ratio Lower Upper
76 100
44 16.5 19.8 29.8
78 11.0 9.8 14.8

Manual Integrations
APPROVED

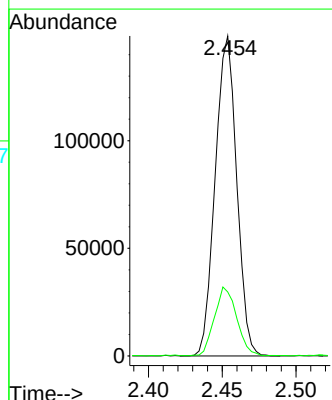
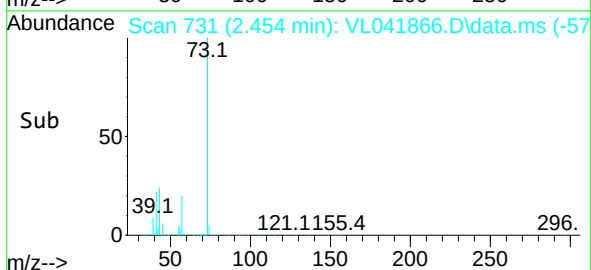
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

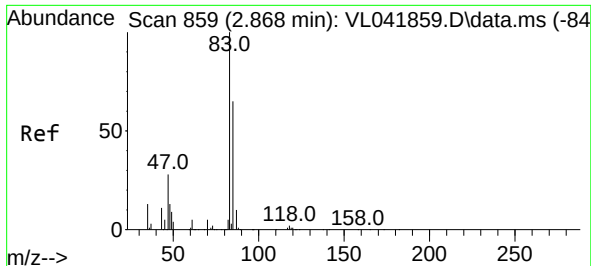


#28
Methyl tert-Butyl Ether
Concen: 8.585 ppbv
RT: 2.454 min Scan# 731
Delta R.T. 0.003 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15



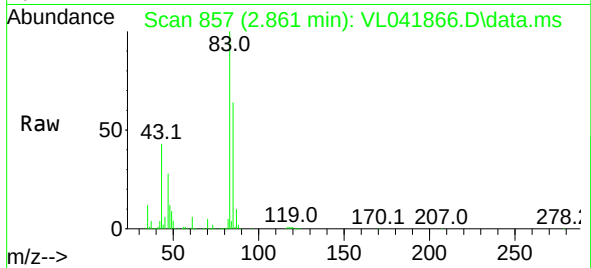
Tgt Ion: 73 Resp: 150727
Ion Ratio Lower Upper
73 100
57 22.3 18.4 27.6





#29
Chloroform
Concen: 9.385 ppbv
RT: 2.861 min Scan# 857
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

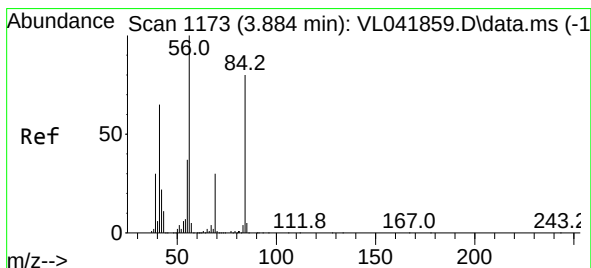
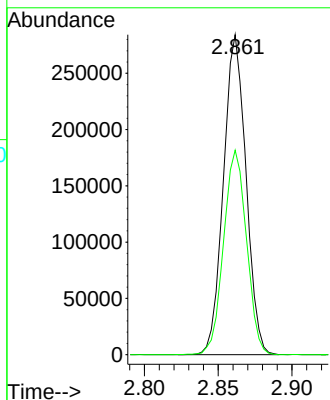
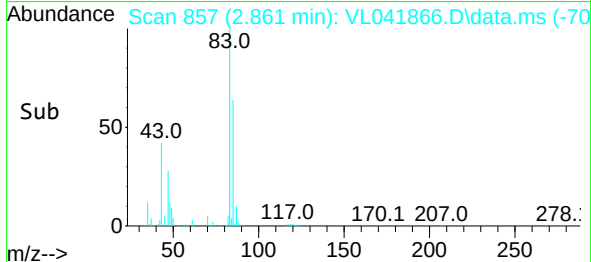
Instrument : MSVOA_L
ClientSampleId : ICVVL010925



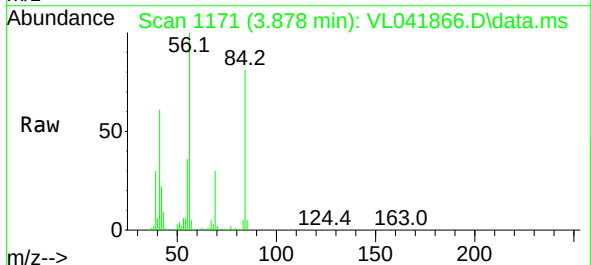
Tgt Ion: 83 Resp: 30213
Ion Ratio Lower Upper
83 100
85 63.9 49.6 74.4

Manual Integrations
APPROVED

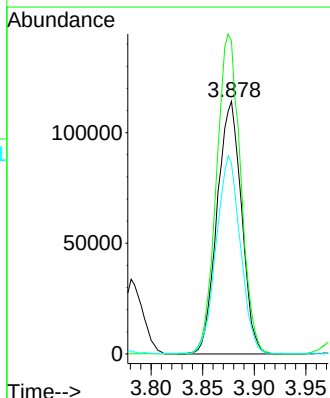
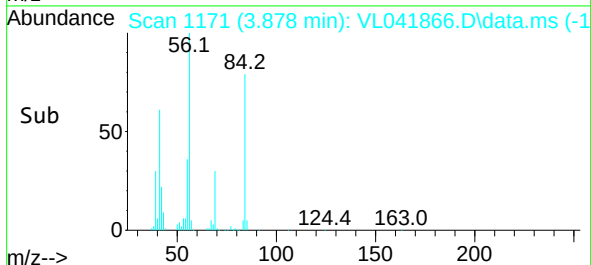
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

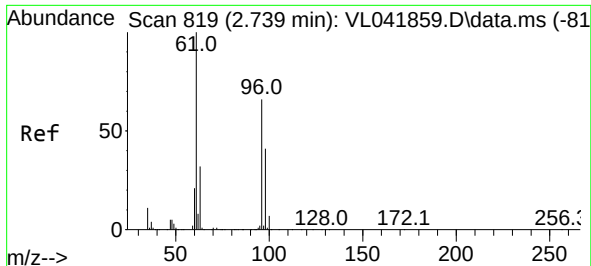


#30
Cyclohexane
Concen: 9.508 ppbv
RT: 3.878 min Scan# 1171
Delta R.T. 0.003 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15



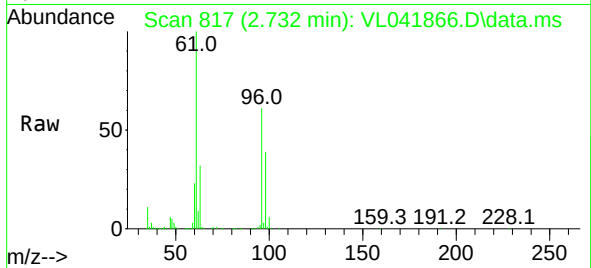
Tgt Ion: 84 Resp: 187848
Ion Ratio Lower Upper
84 100
56 125.0 105.0 157.6
41 77.5 78.9 118.3





#31
cis-1,2-Dichloroethene
Concen: 9.604 ppbv
RT: 2.732 min Scan# 819
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

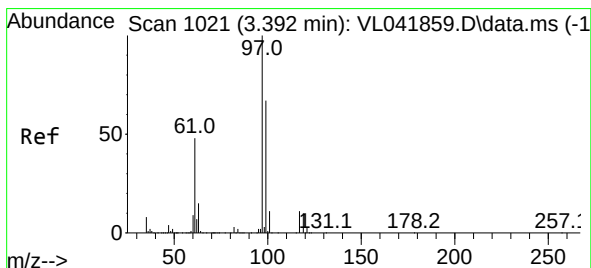
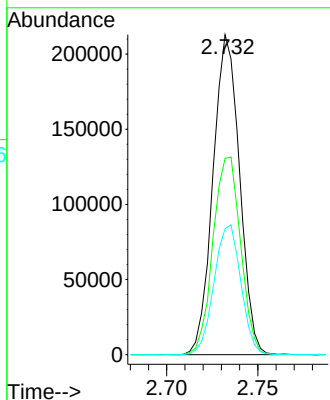
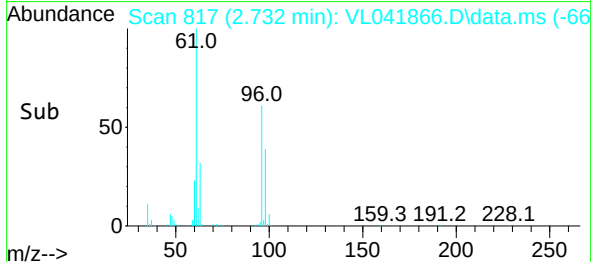
Instrument :
MSVOA_L
ClientSampleId :
ICVVL010925



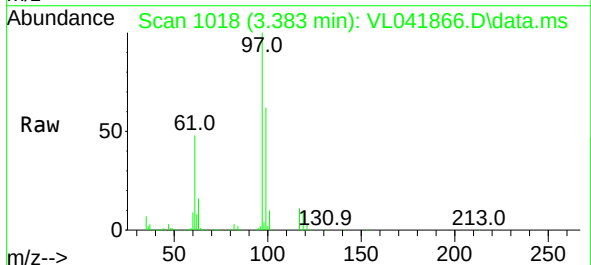
Tgt Ion: 61 Resp: 215939
Ion Ratio Lower Upper
61 100
96 61.3 47.6 71.4
98 39.4 30.2 45.2

Manual Integrations
APPROVED

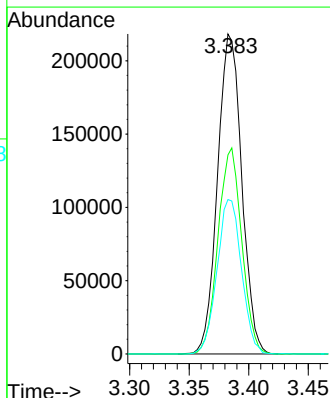
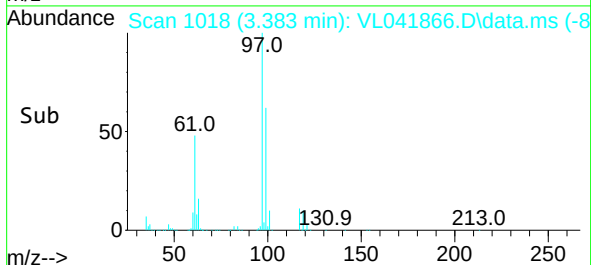
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

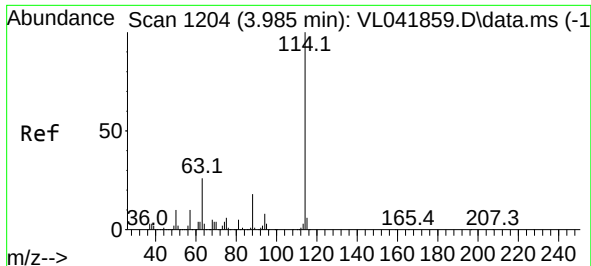


#32
1,1,1-Trichloroethane
Concen: 9.654 ppbv
RT: 3.383 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15



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 :

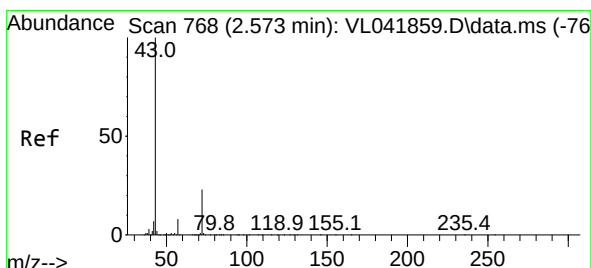
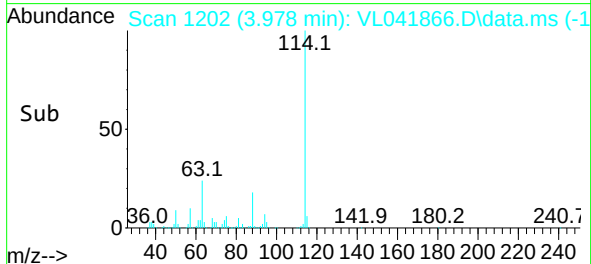
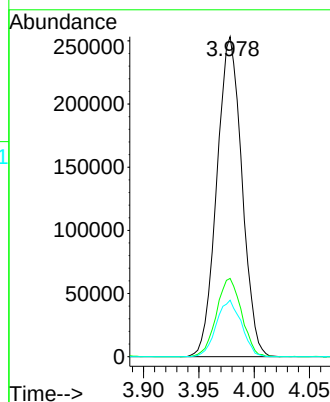
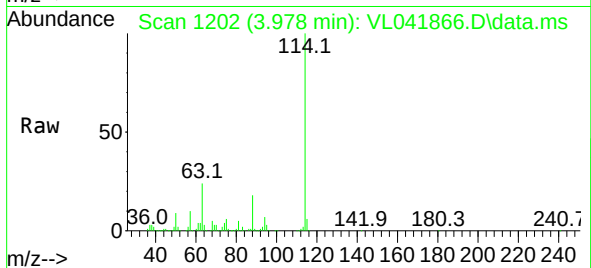
ICVVL010925

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

Manual Integrations

APPROVED

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



#34

2-Butanone

Concen: 9.209 ppbv

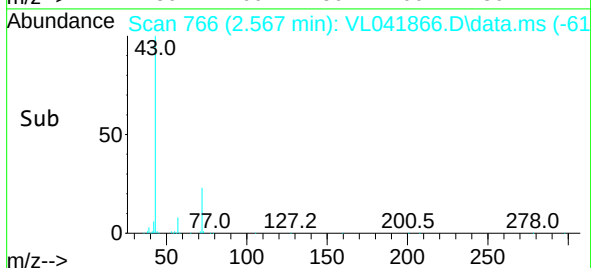
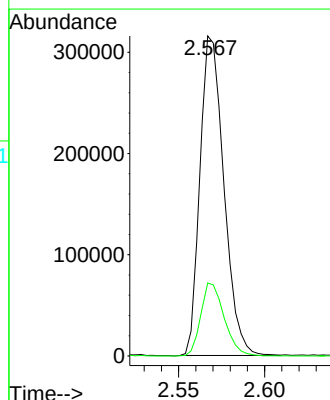
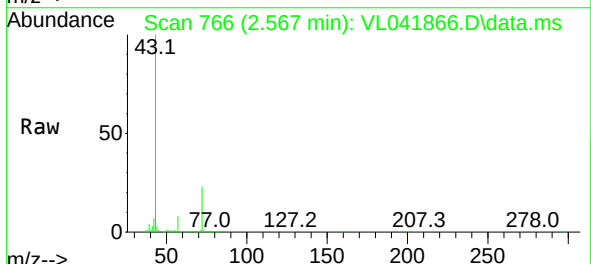
RT: 2.567 min Scan# 766

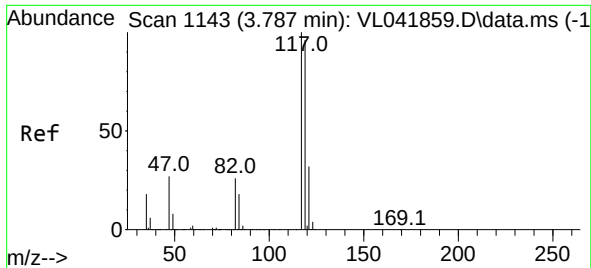
Delta R.T. 0.000 min

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





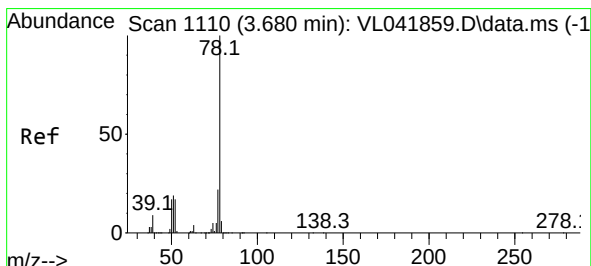
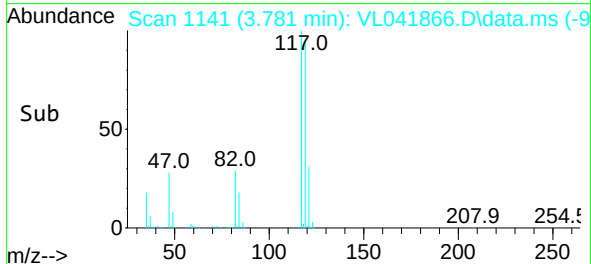
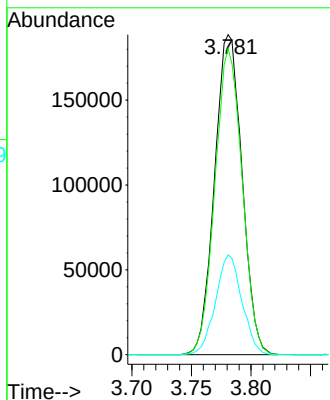
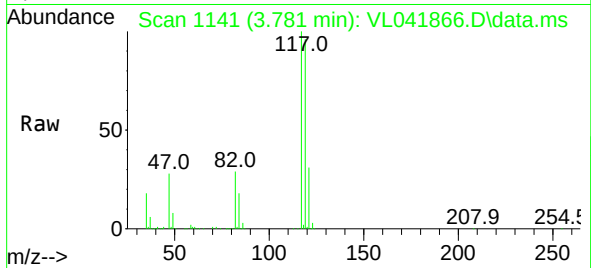
#35
Carbon Tetrachloride
Concen: 9.742 ppbv
RT: 3.781 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

Instrument : MSVOA_L
ClientSampleId : ICVVL010925

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

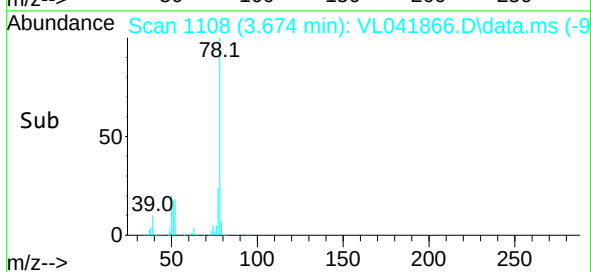
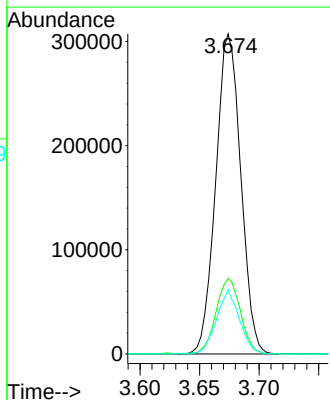
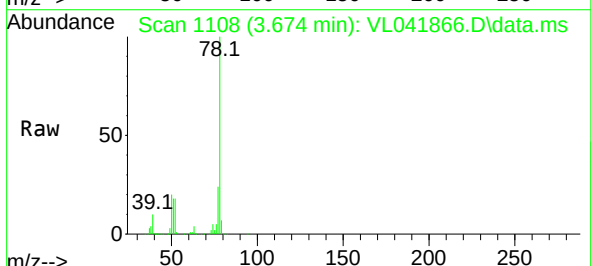
Manual Integrations
APPROVED

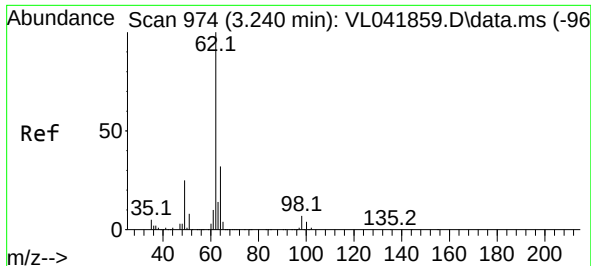
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#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

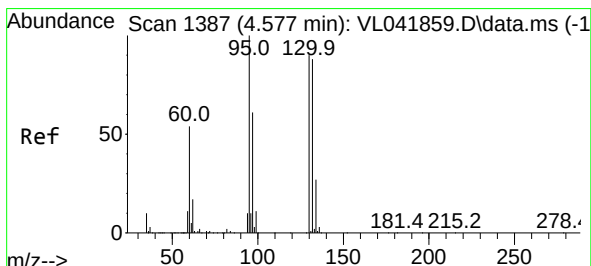
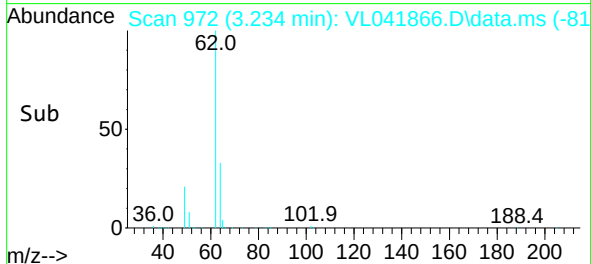
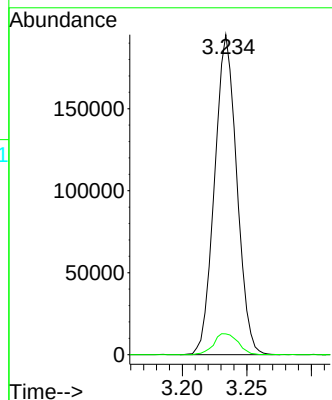
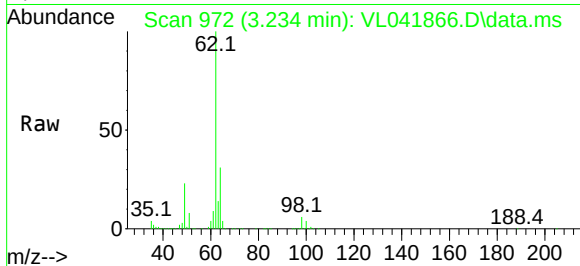
ClientSampleId :

ICVVL010925

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

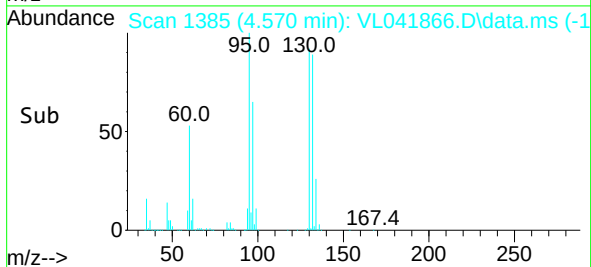
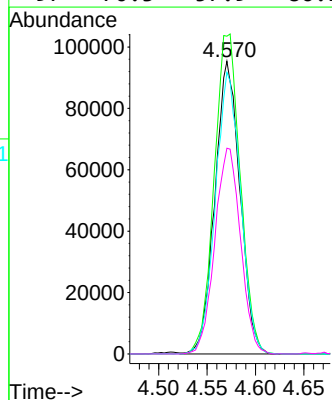
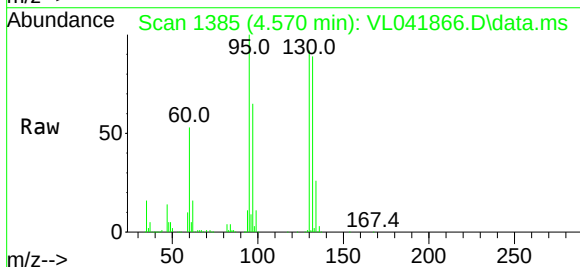
Manual Integrations
APPROVED

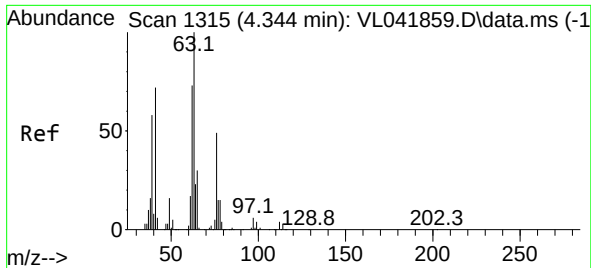
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#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 :

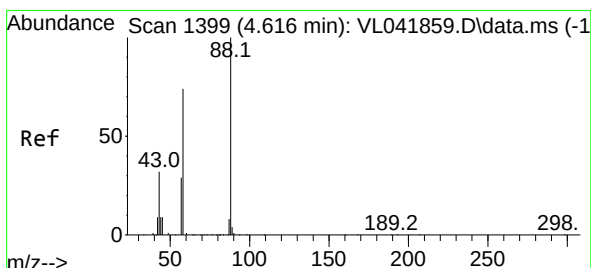
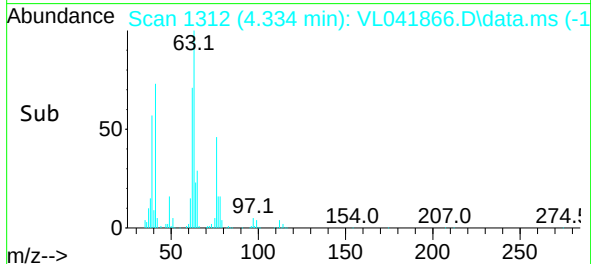
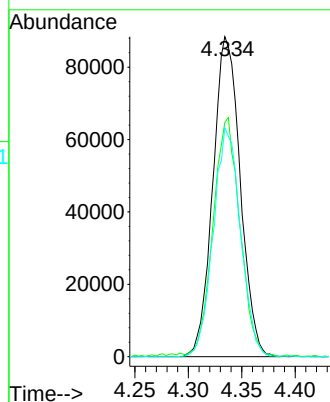
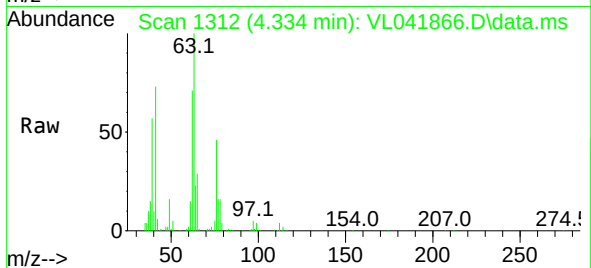
ICVVL010925

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

Manual Integrations

APPROVED

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



#40

1,4-Dioxane

Concen: 8.937 ppbv

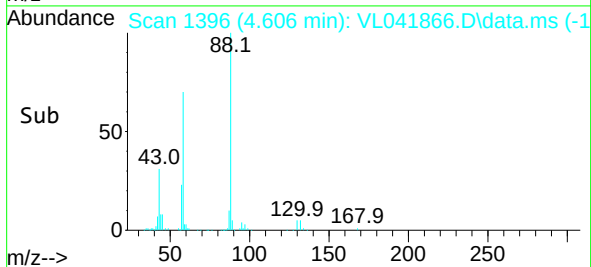
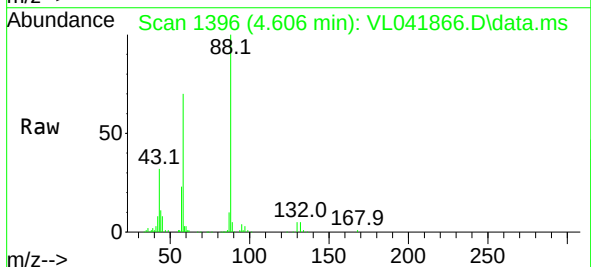
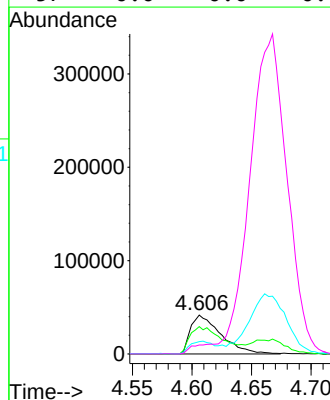
RT: 4.606 min Scan# 1396

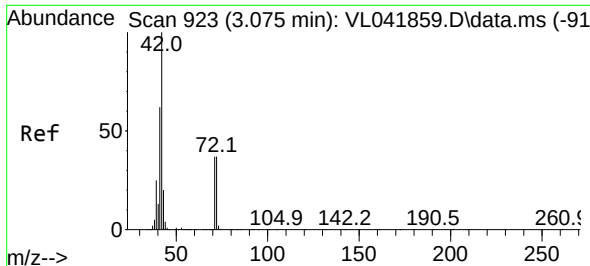
Delta R.T. 0.000 min

Lab File: VL041866.D

Acq: 09 Jan 2025 15:15

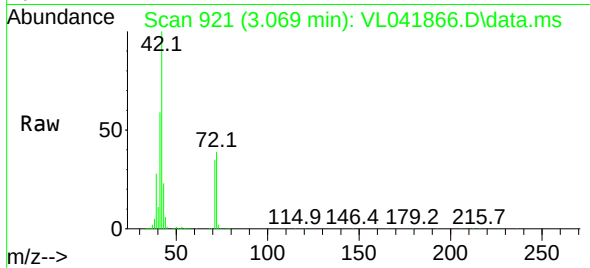
Tgt Ion: 88	Resp: 74011
Ion Ratio	Lower Upper
88	100
58	77.8 65.1 97.7
43	0.0 32.1 48.1
57	0.0 0.0 0.0





#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

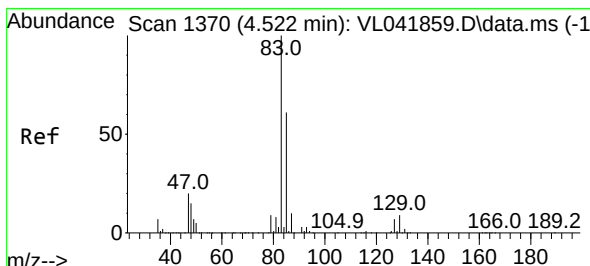
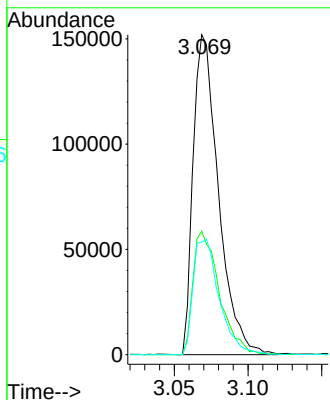
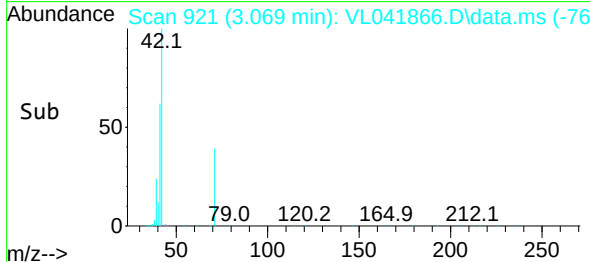
Instrument :
MSVOA_L
ClientSampleId :
ICVVL010925



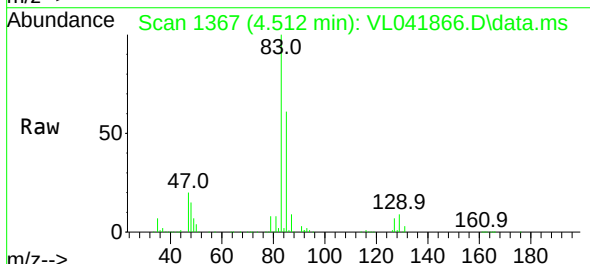
Tgt Ion: 42 Resp: 181700
Ion Ratio Lower Upper
42 100
72 40.3 27.9 41.9
71 37.3 26.5 39.7

Manual Integrations
APPROVED

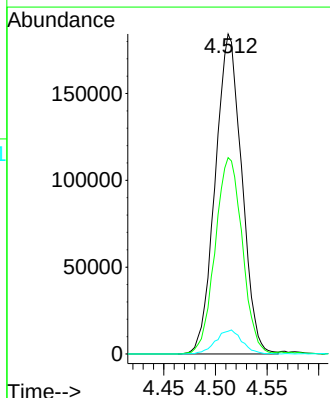
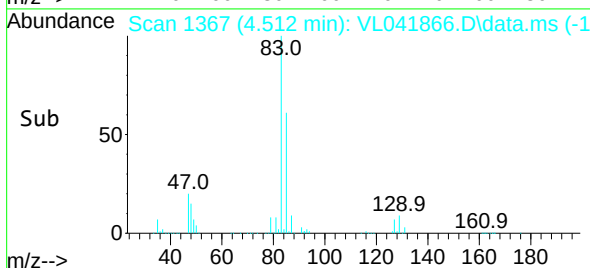
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

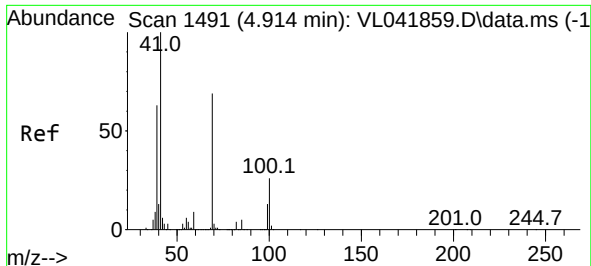


#42
Bromodichloromethane
Concen: 9.864 ppbv
RT: 4.512 min Scan# 1367
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15



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 :

ICVVL010925

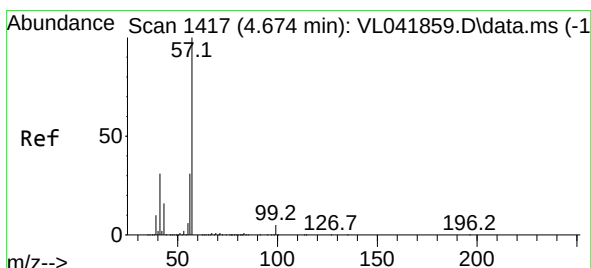
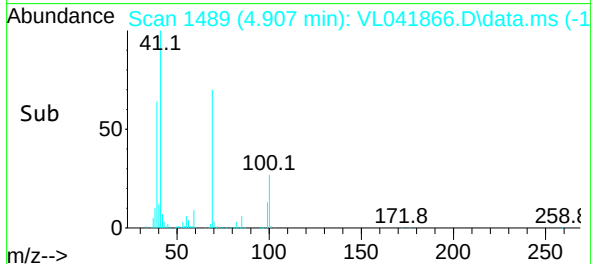
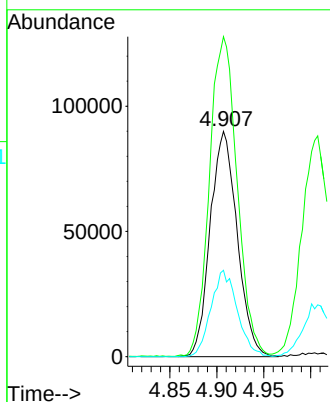
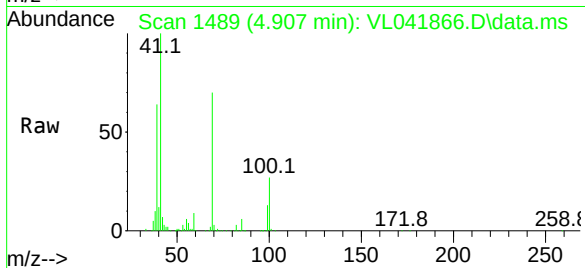
Tgt Ion: 69 Resp: 17960

Ion	Ratio	Lower	Upper
69	100		
41	145.9	132.3	198.5
100	37.5	28.2	42.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 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

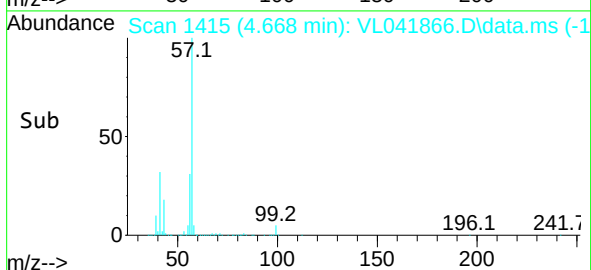
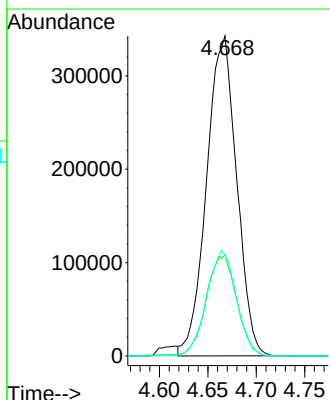
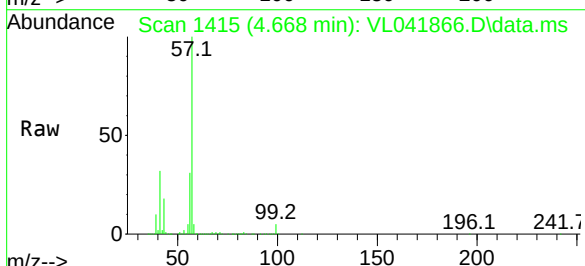
Delta R.T. 0.007 min

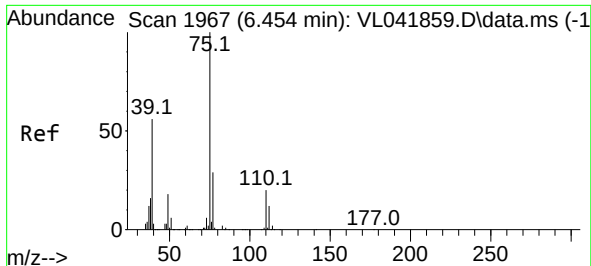
Lab File: VL041866.D

Acq: 09 Jan 2025 15:15

Tgt Ion: 57 Resp: 741253

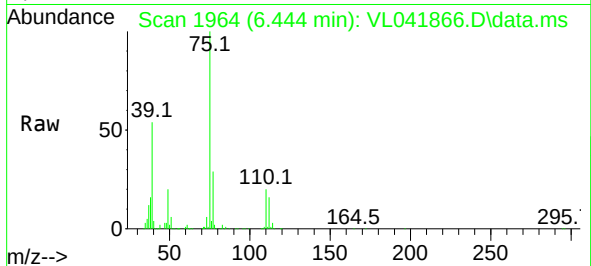
Ion	Ratio	Lower	Upper
57	100		
41	32.3	31.4	47.2
56	32.5	26.6	39.8





#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

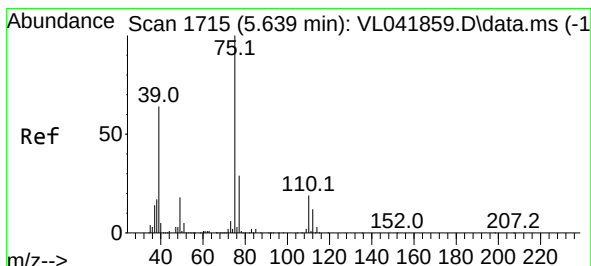
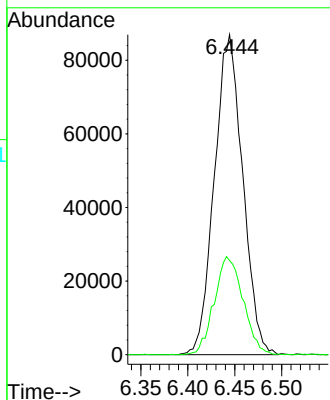
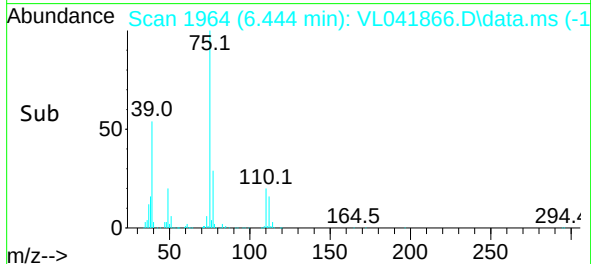
Instrument : MSVOA_L
 ClientSampleId : ICVVL010925



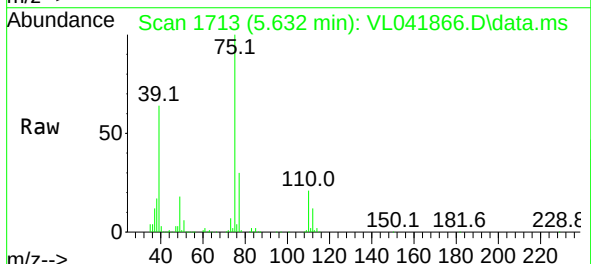
Tgt Ion: 75 Resp: 182207
 Ion Ratio Lower Upper
 75 100
 77 29.4 22.2 33.4

Manual Integrations
 APPROVED

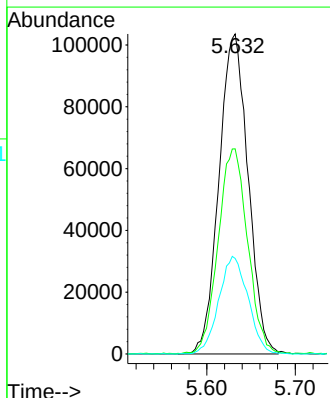
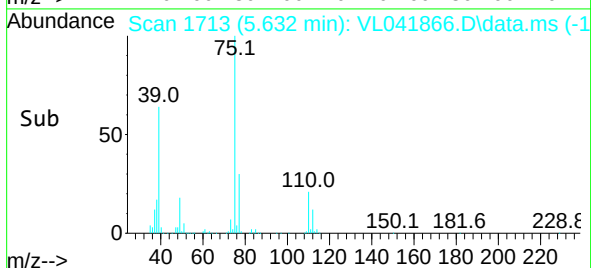
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

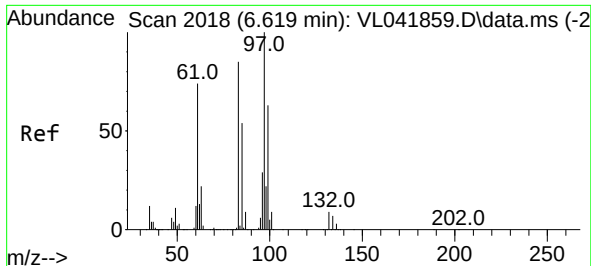


#46
 cis-1,3-Dichloropropene
 Concen: 9.483 ppbv
 RT: 5.632 min Scan# 1713
 Delta R.T. 0.000 min
 Lab File: VL041866.D
 Acq: 09 Jan 2025 15:15



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 :

ICVVL010925

Tgt Ion: 97 Resp: 16533

Ion Ratio Lower Upper

97 100

83 84.7 70.3 105.5

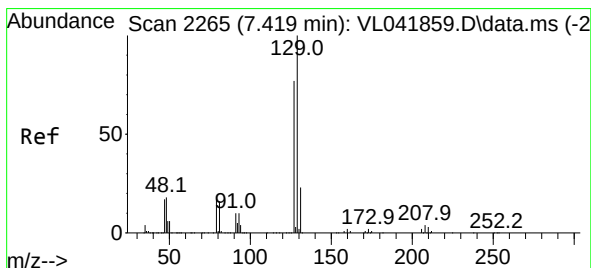
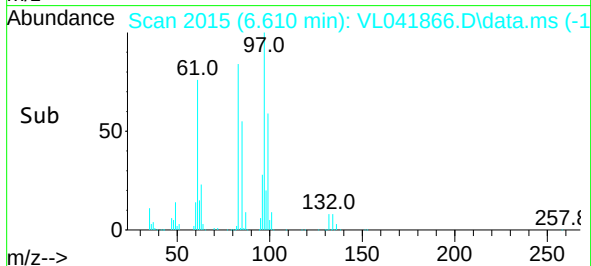
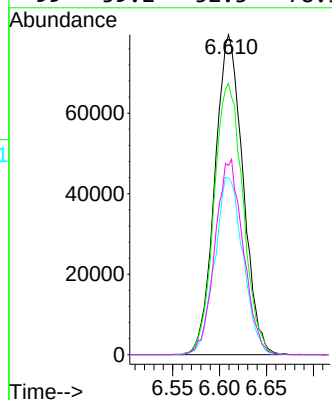
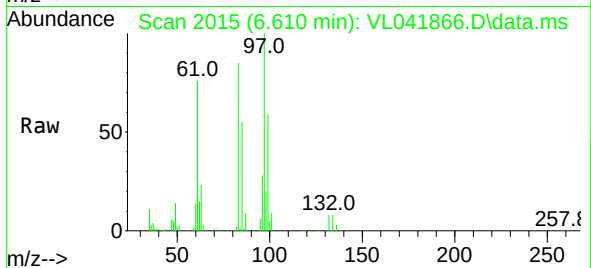
85 55.2 41.5 62.3

99 59.2 52.3 78.5

Manual Integrations

APPROVED

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

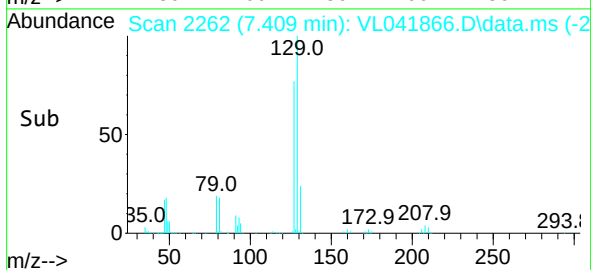
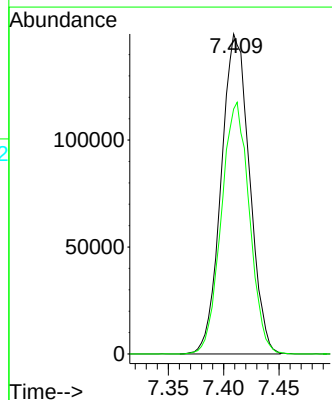
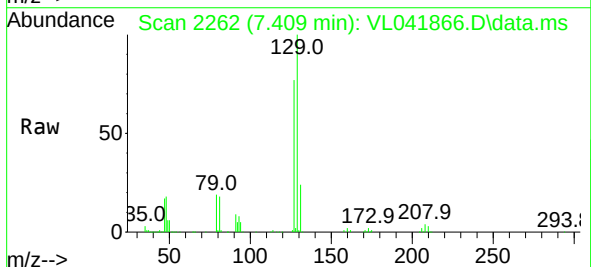
Acq: 09 Jan 2025 15:15

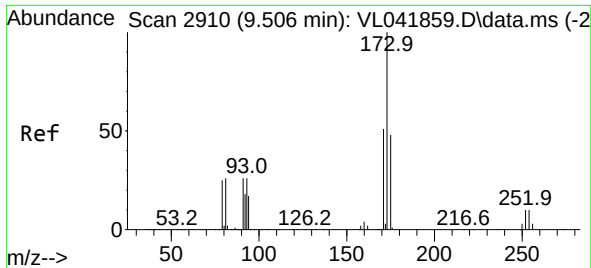
Tgt Ion:129 Resp: 266338

Ion Ratio Lower Upper

129 100

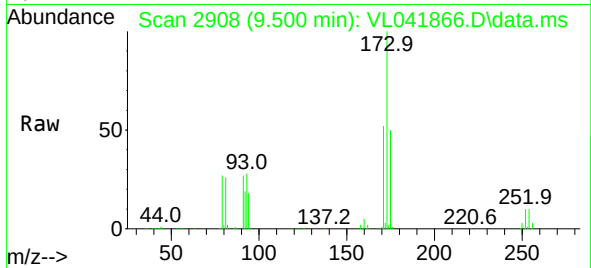
127 77.9 38.7 116.1





#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

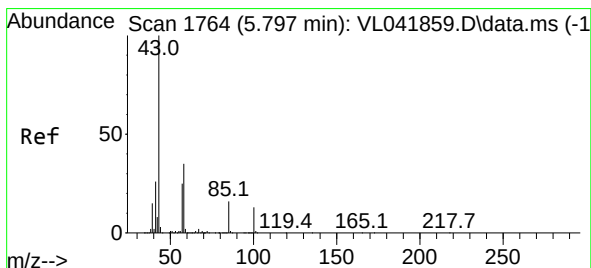
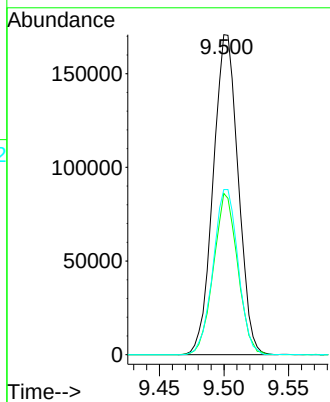
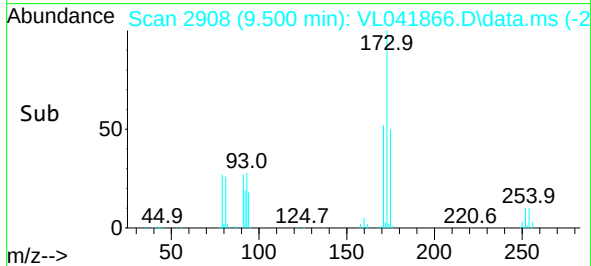
Instrument :
MSVOA_L
ClientSampleId :
ICVVL010925



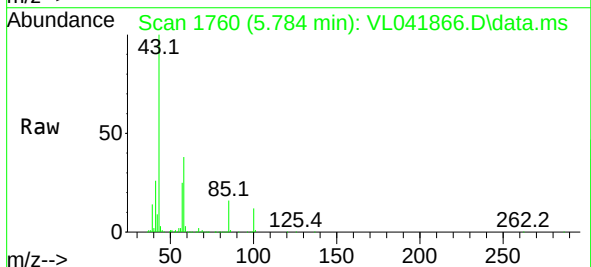
Tgt Ion:173 Resp: 230370
Ion Ratio Lower Upper
173 100
175 48.7 39.5 59.3
171 51.6 41.5 62.3

Manual Integrations
APPROVED

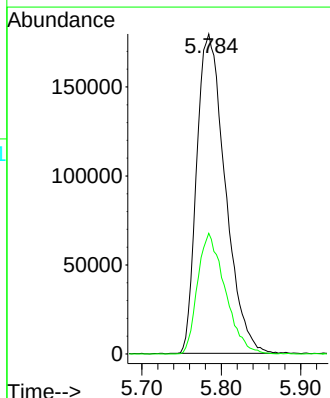
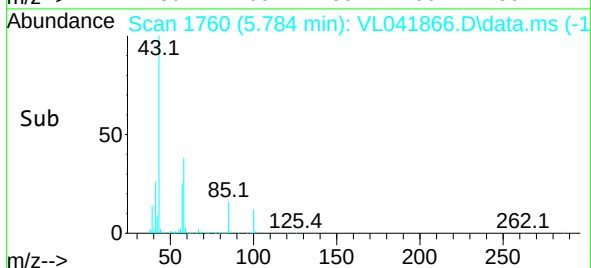
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

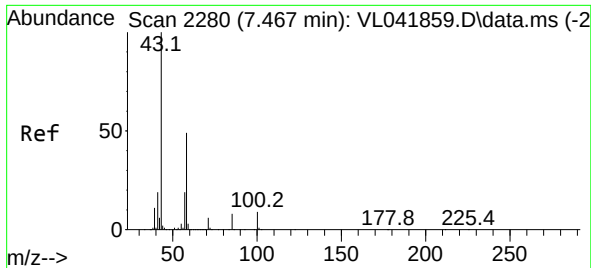


#50
4-Methyl-2-Pentanone
Concen: 9.458 ppbv
RT: 5.784 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15



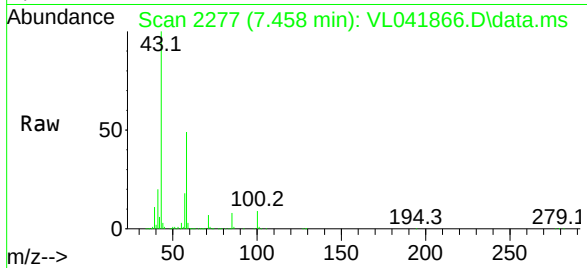
Tgt Ion: 43 Resp: 447733
Ion Ratio Lower Upper
43 100
58 36.6 25.7 38.5





#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

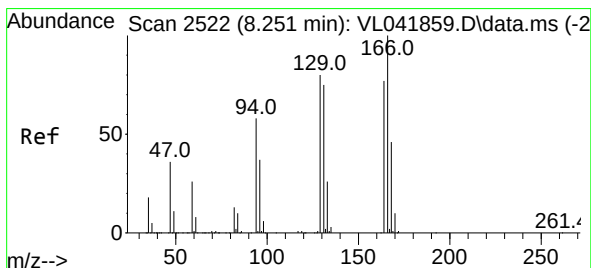
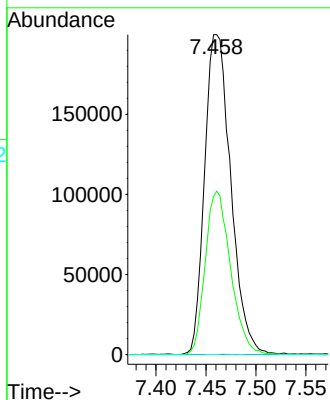
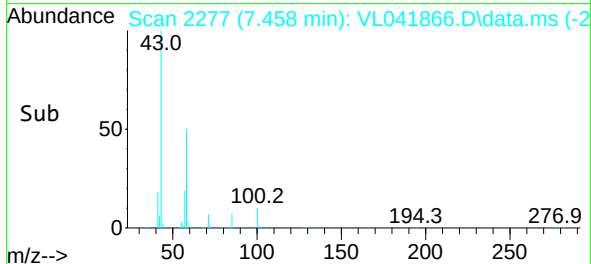
Instrument :
MSVOA_L
ClientSampleId :
ICVVL010925



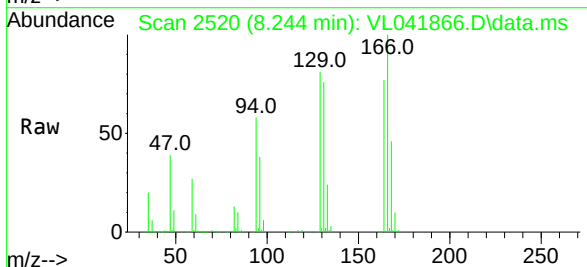
Tgt Ion: 43 Resp: 363718
Ion Ratio Lower Upper
43 100
58 49.7 33.8 50.8
98 0.1 0.7 1.1

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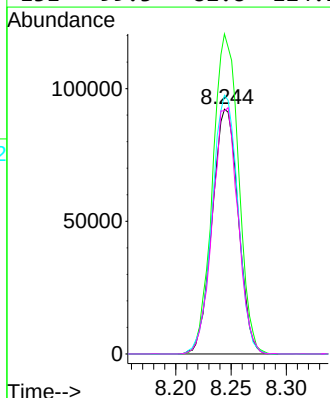
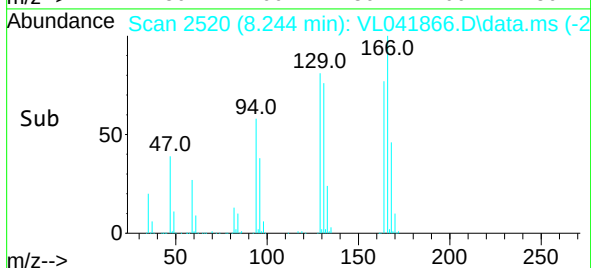
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

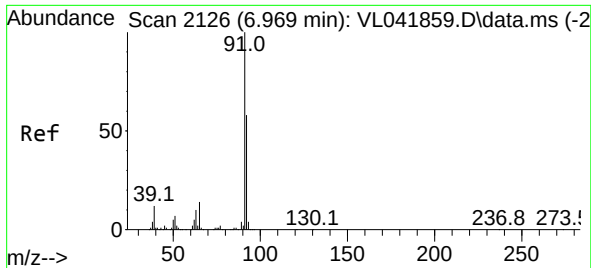


#52
Tetrachloroethene
Concen: 8.536 ppbv
RT: 8.244 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15



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





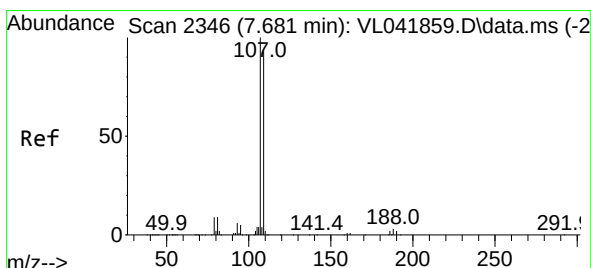
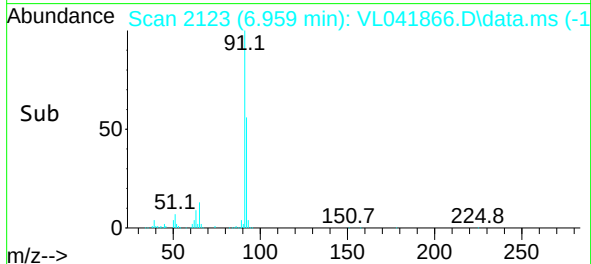
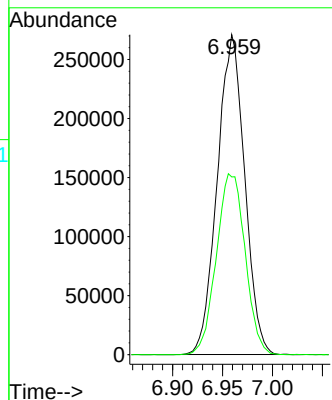
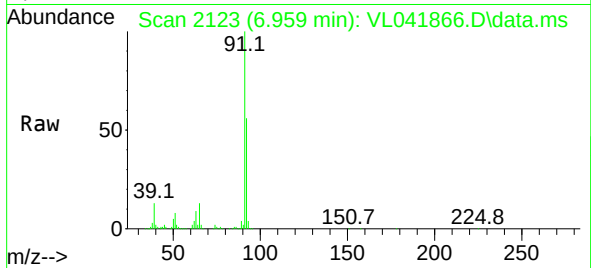
#53
Toluene
Concen: 9.395 ppbv
RT: 6.959 min Scan# 2123
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

Instrument : MSVOA_L
ClientSampleId : ICVVL010925

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

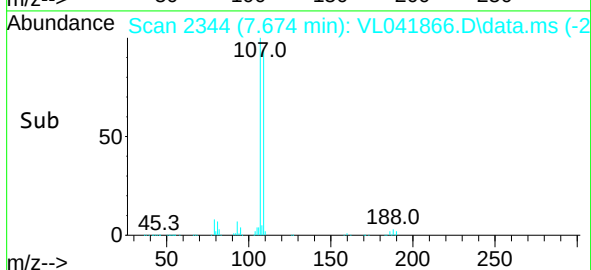
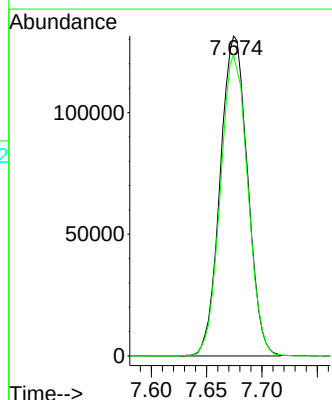
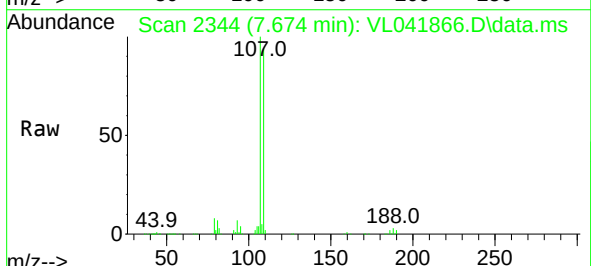
Manual Integrations
APPROVED

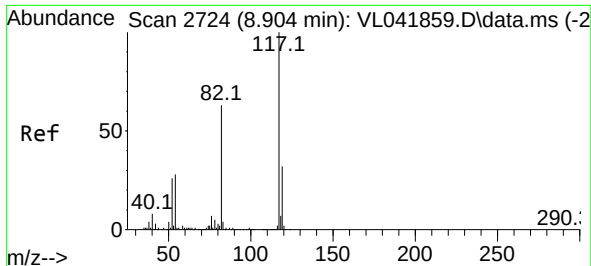
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#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 :

ICVVL010925

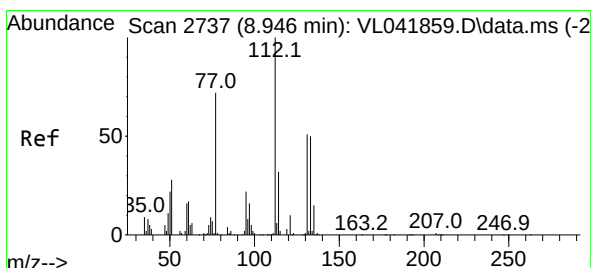
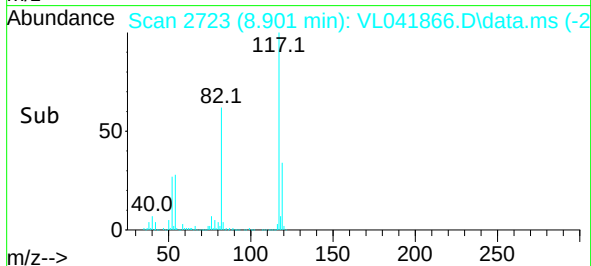
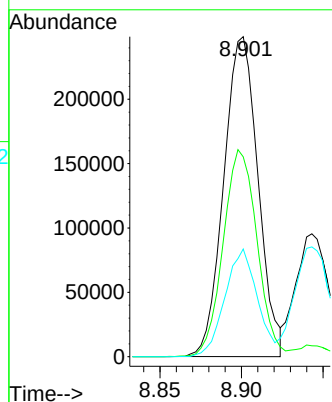
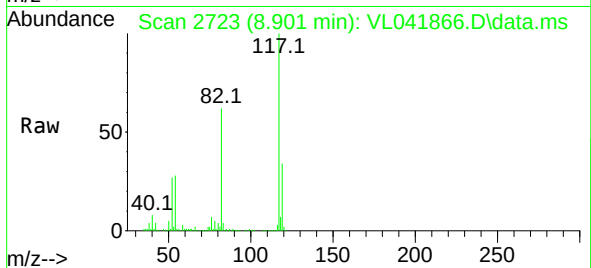
Tgt Ion:117 Resp: 363459

Ion	Ratio	Lower	Upper
117	100		
82	67.3	59.1	88.7
119	31.8	27.3	40.9

Manual Integrations

APPROVED

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

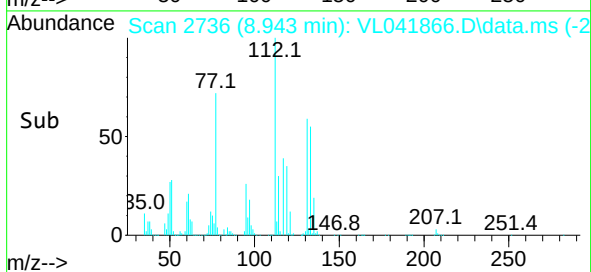
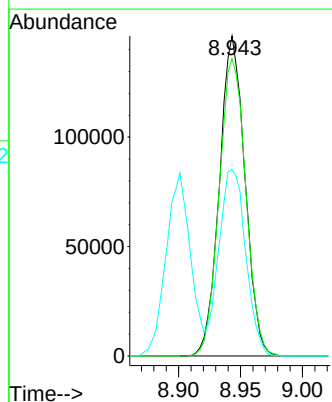
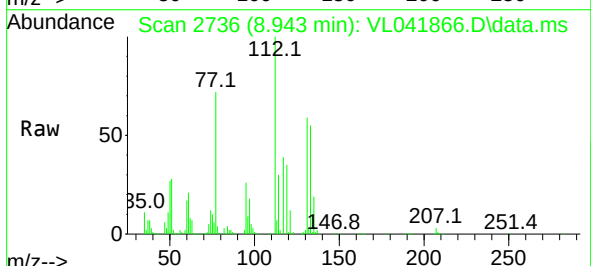
Delta R.T. 0.003 min

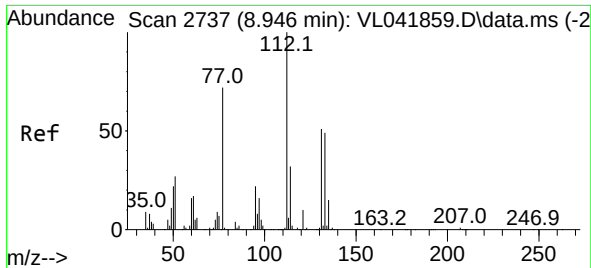
Lab File: VL041866.D

Acq: 09 Jan 2025 15:15

Tgt Ion:131 Resp: 209474

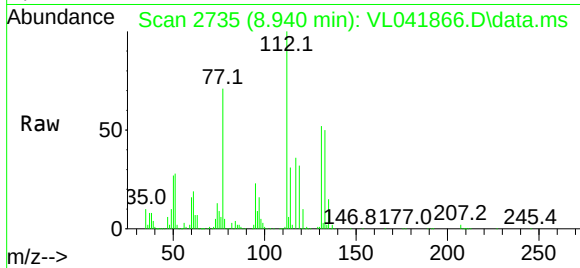
Ion	Ratio	Lower	Upper
131	100		
133	96.8	77.3	115.9
119	62.9	50.6	76.0





#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

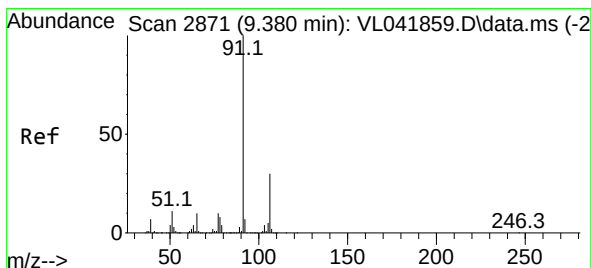
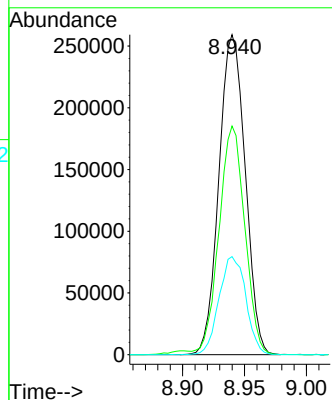
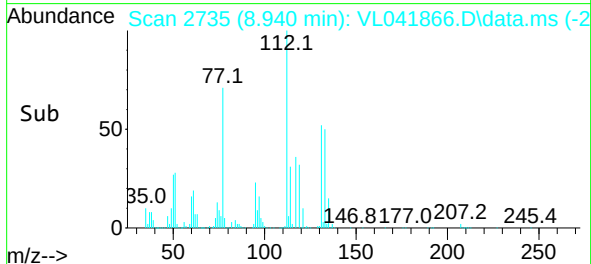
Instrument :
MSVOA_L
ClientSampleId :
ICVVL010925



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

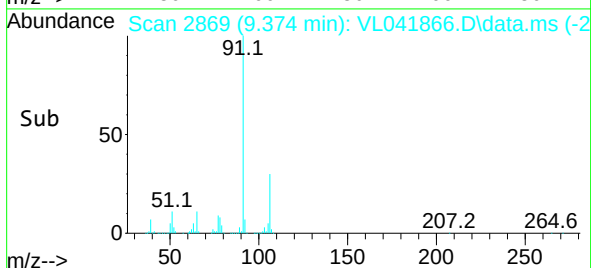
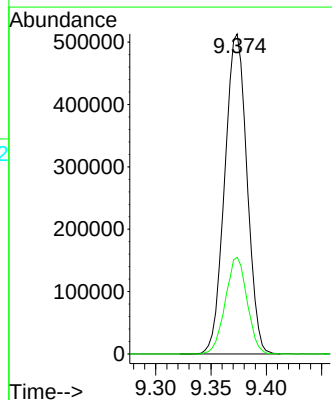
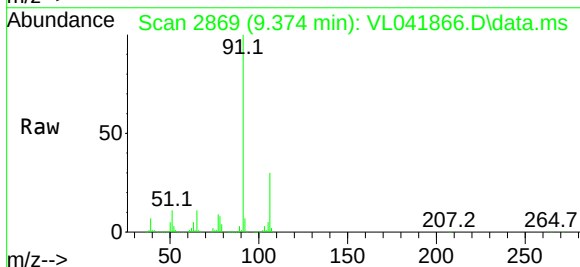
Manual Integrations
APPROVED

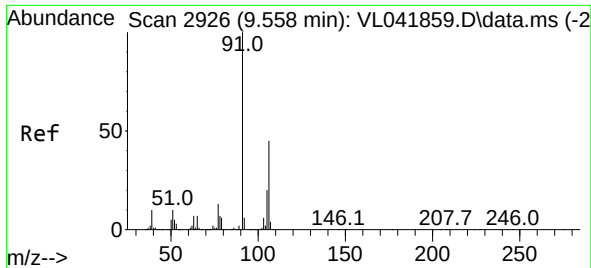
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#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# 2926

Delta R.T. -0.016 min

Lab File: VL041866.D

Acq: 09 Jan 2025 15:15

Instrument :

MSVOA_L

ClientSampleId :

ICVVL010925

Tgt Ion: 91 Resp: 111712

Ion Ratio Lower Upper

91 100

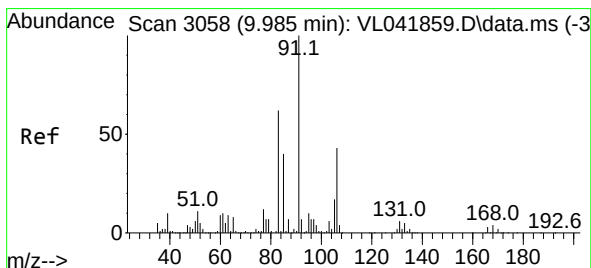
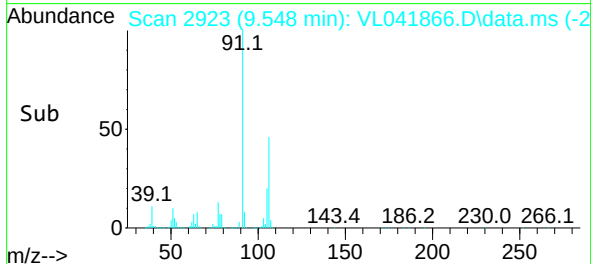
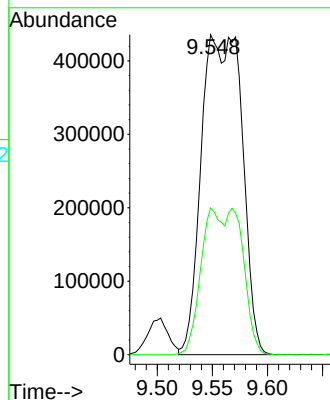
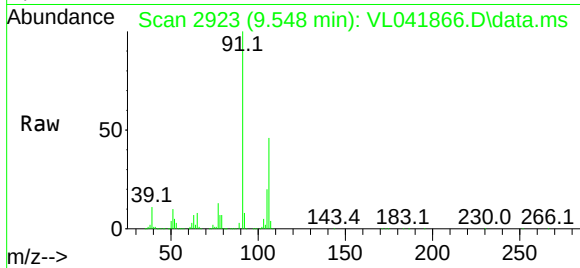
106 0.0 36.8 55.2

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

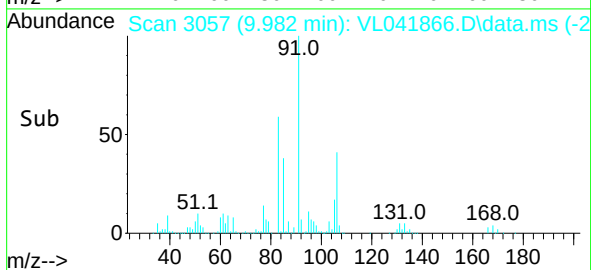
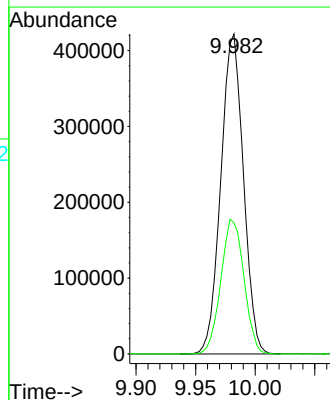
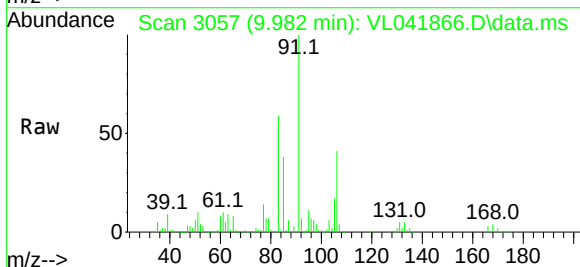
Acq: 09 Jan 2025 15:15

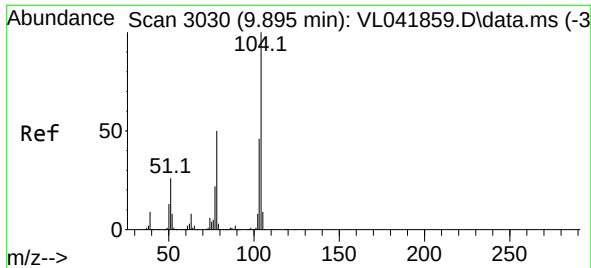
Tgt Ion: 91 Resp: 555689

Ion Ratio Lower Upper

91 100

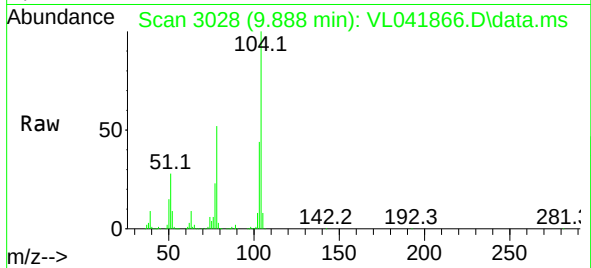
106 43.0 21.9 65.5





#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

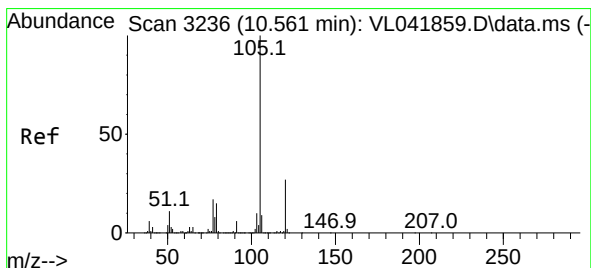
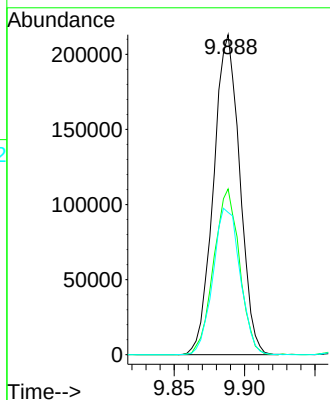
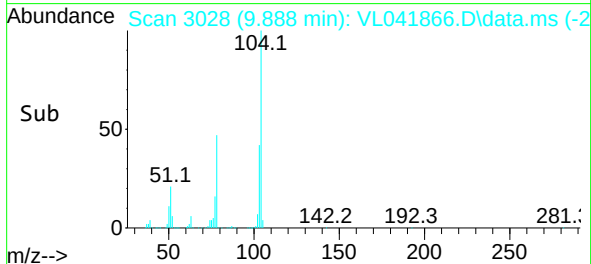
Instrument : MSVOA_L
ClientSampleId : ICVVL010925



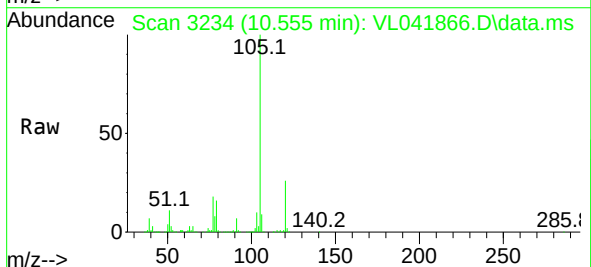
Tgt Ion:104 Resp: 276063
Ion Ratio Lower Upper
104 100
78 51.0 42.8 64.2
103 47.3 37.8 56.6

Manual Integrations
APPROVED

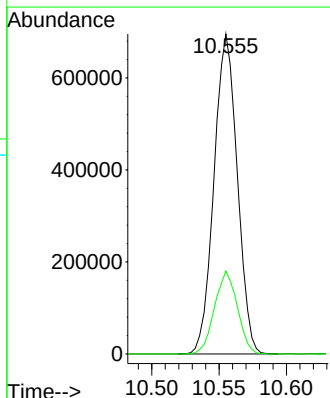
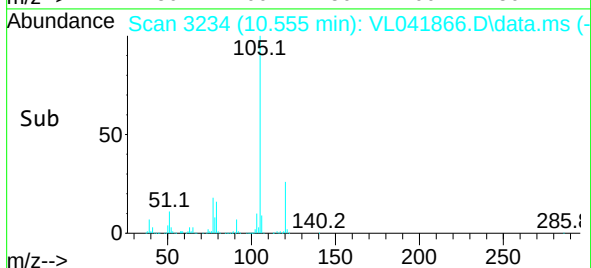
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

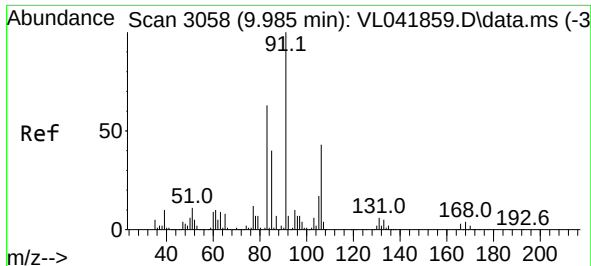


#62
Isopropylbenzene
Concen: 9.415 ppbv
RT: 10.555 min Scan# 3234
Delta R.T. 0.003 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15



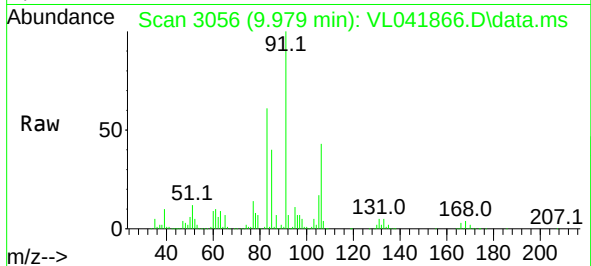
Tgt Ion:105 Resp: 835024
Ion Ratio Lower Upper
105 100
120 25.4 20.4 30.6





#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

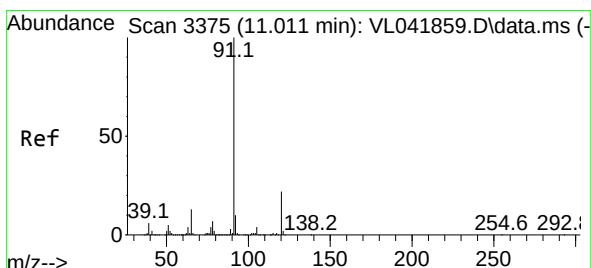
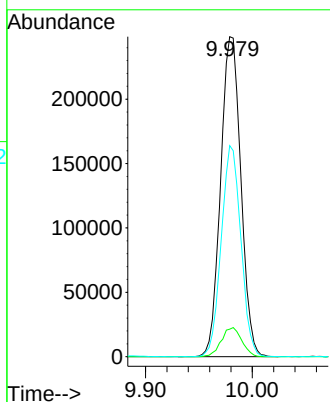
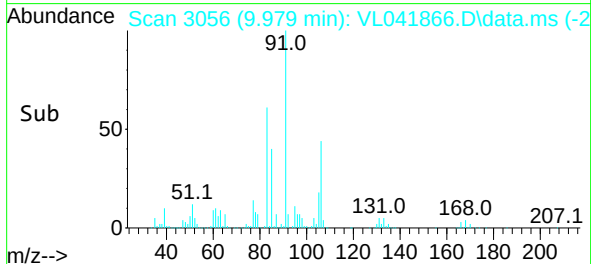
Instrument : MSVOA_L
ClientSampleId : ICVVL010925



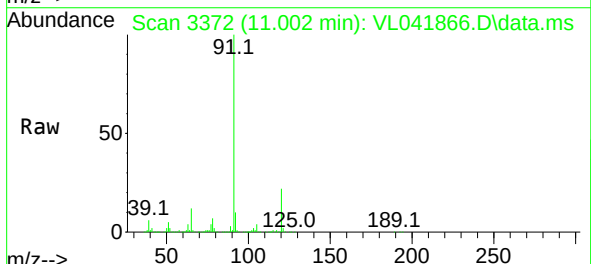
Tgt Ion: 83 Resp: 327345
Ion Ratio Lower Upper
83 100
131 9.2 4.8 14.3
85 64.0 31.9 95.9

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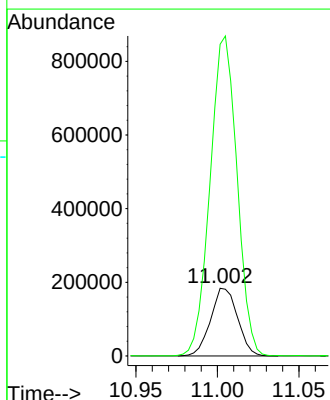
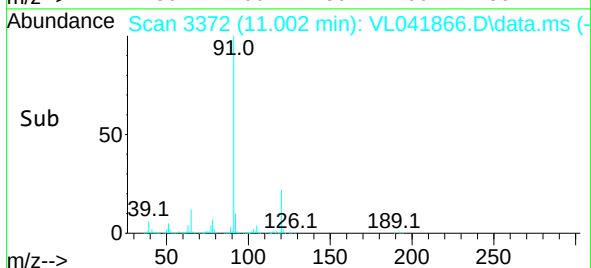
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

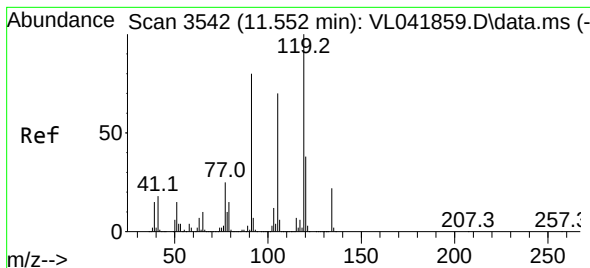


#64
n-propylbenzene
Concen: 9.153 ppbv
RT: 11.002 min Scan# 3372
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15



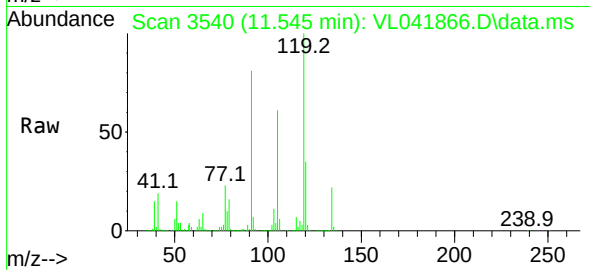
Tgt Ion:120 Resp: 211515
Ion Ratio Lower Upper
120 100
91 473.2 382.1 573.1





#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

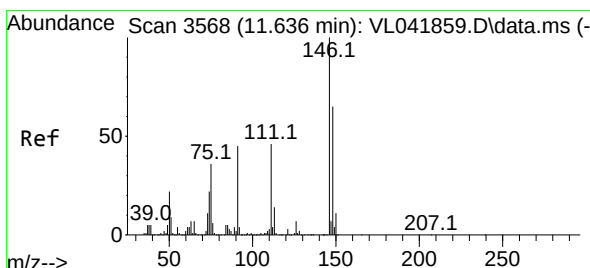
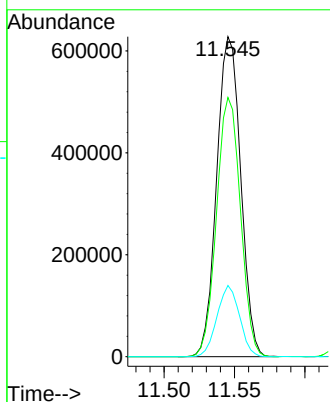
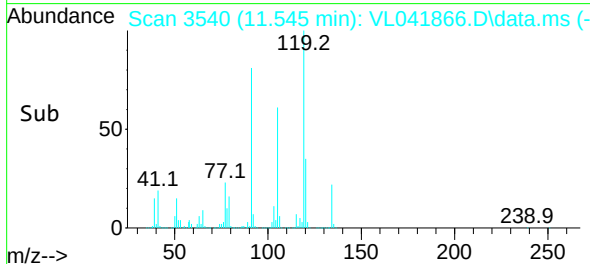
Instrument : MSVOA_L
ClientSampleId : ICVVL010925



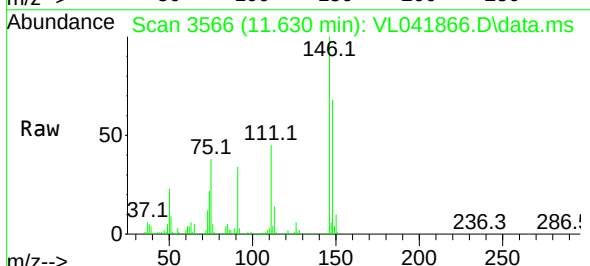
Tgt Ion: 119 Resp: 747690
Ion Ratio Lower Upper
119 100
91 80.5 68.0 102.0
134 20.9 16.2 24.4

Manual Integrations
APPROVED

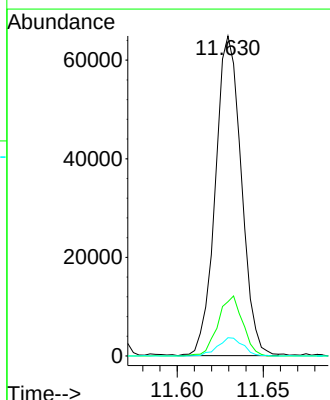
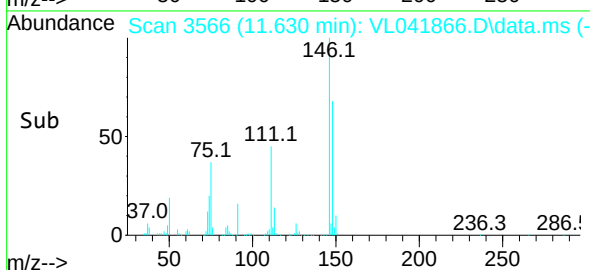
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

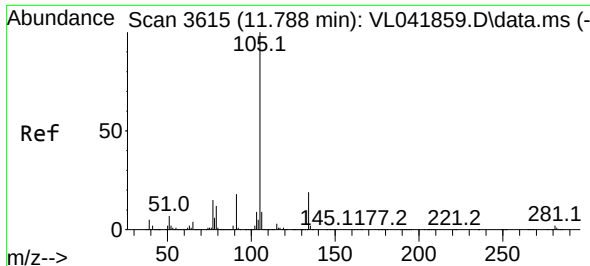


#66
Benzyl Chloride
Concen: 8.187 ppbv
RT: 11.630 min Scan# 3566
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15



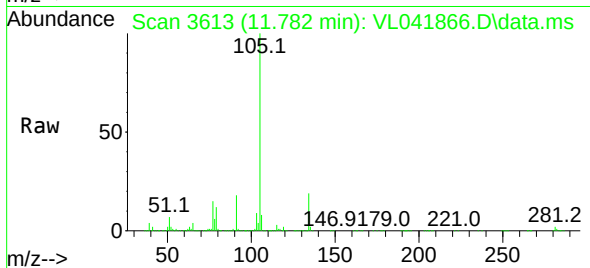
Tgt Ion: 91 Resp: 68070
Ion Ratio Lower Upper
91 100
126 17.8 12.1 18.1
128 5.6 4.3 6.5





#67
 sec-Butylbenzene
 Concen: 9.228 ppbv
 RT: 11.782 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: VL041866.D
 Acq: 09 Jan 2025 15:15

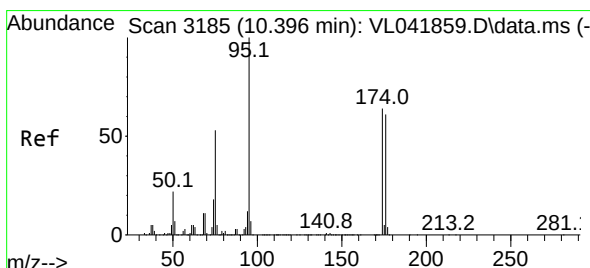
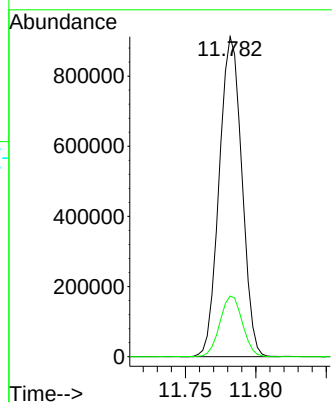
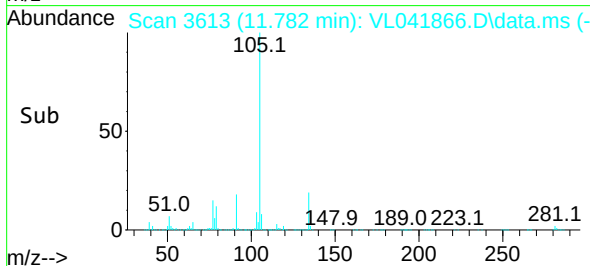
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL010925



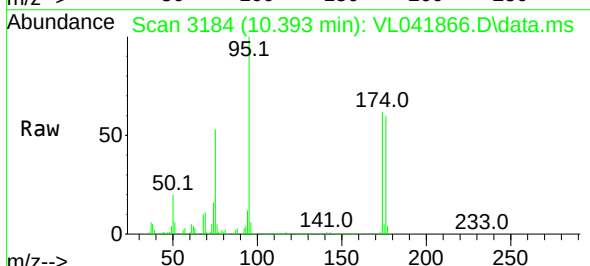
Tgt Ion:105 Resp: 102058
 Ion Ratio Lower Upper
 105 100
 134 18.9 14.6 22.0

Manual Integrations
 APPROVED

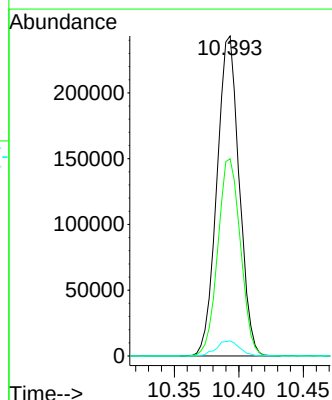
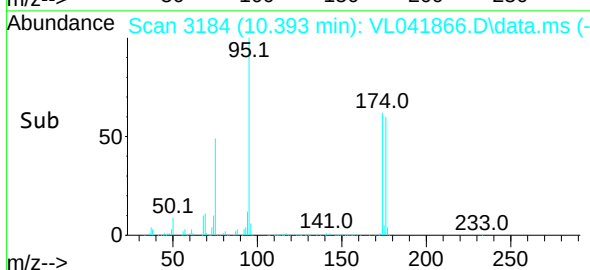
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

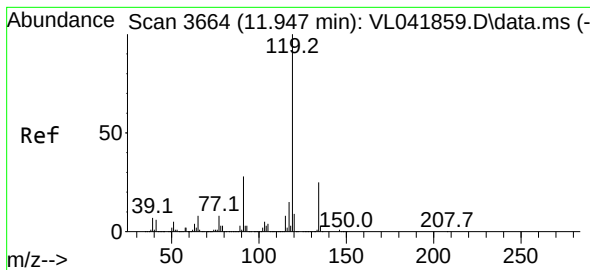


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.001 ppbv
 RT: 10.393 min Scan# 3184
 Delta R.T. 0.003 min
 Lab File: VL041866.D
 Acq: 09 Jan 2025 15:15



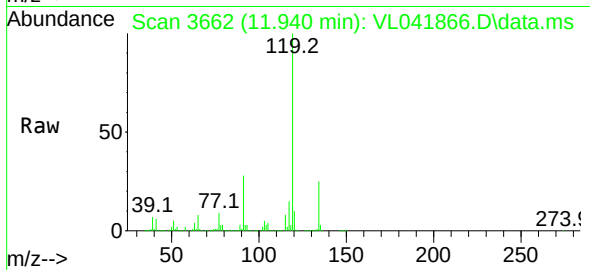
Tgt Ion: 95 Resp: 291470
 Ion Ratio Lower Upper
 95 100
 174 62.7 47.6 71.4
 175 4.9 3.8 5.6





#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

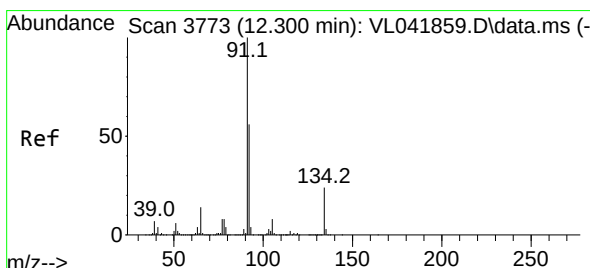
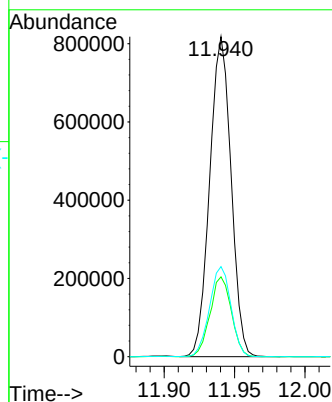
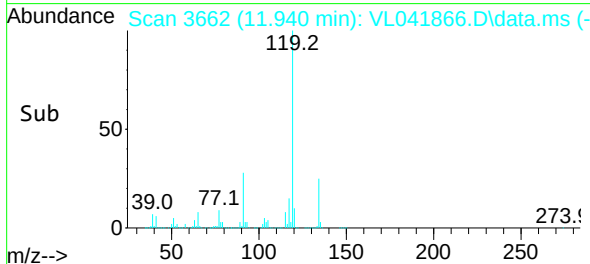
Instrument : MSVOA_L
ClientSampleId : ICVVL010925



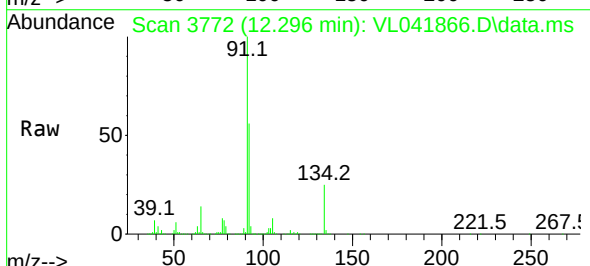
Tgt Ion: 119 Resp: 86284
Ion Ratio Lower Upper
119 100
134 25.0 19.4 29.2
91 28.3 24.0 36.0

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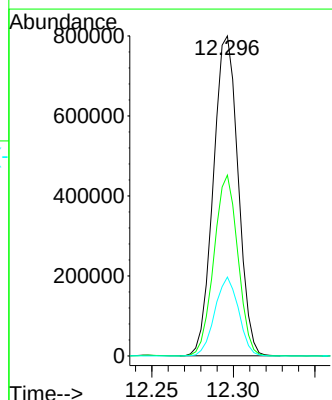
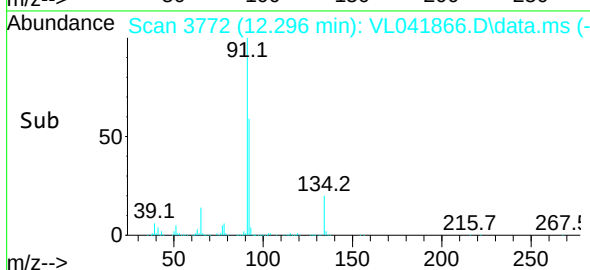
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

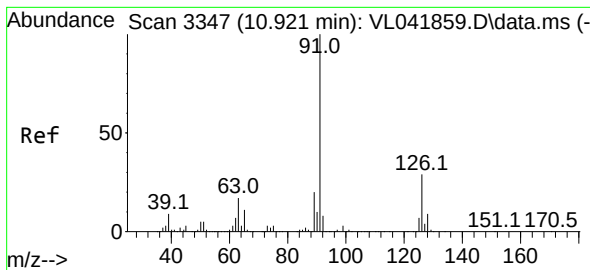


#70
n-Butylbenzene
Concen: 8.907 ppbv
RT: 12.296 min Scan# 3772
Delta R.T. 0.003 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15



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





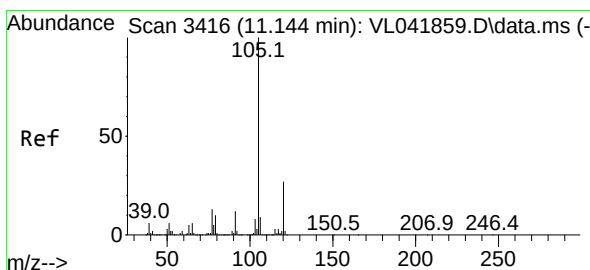
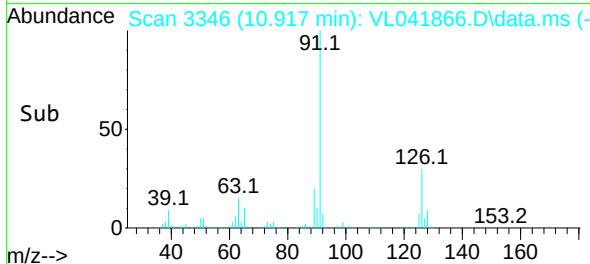
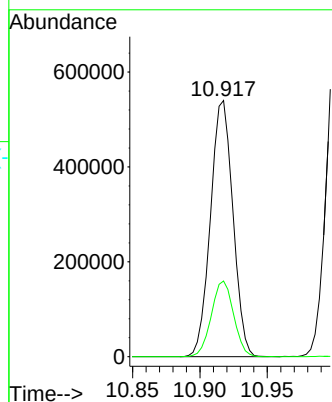
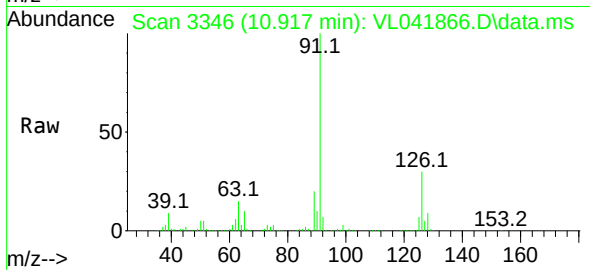
#71
2-Chlorotoluene
Concen: 9.116 ppbv
RT: 10.917 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

Instrument :
MSVOA_L
ClientSampleId :
ICVVL010925

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

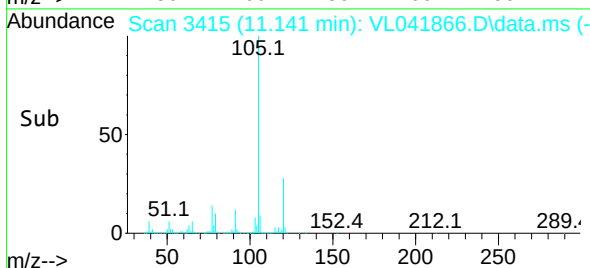
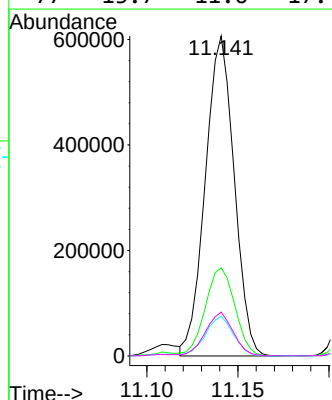
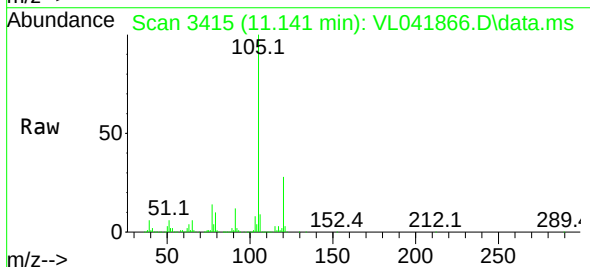
Manual Integrations
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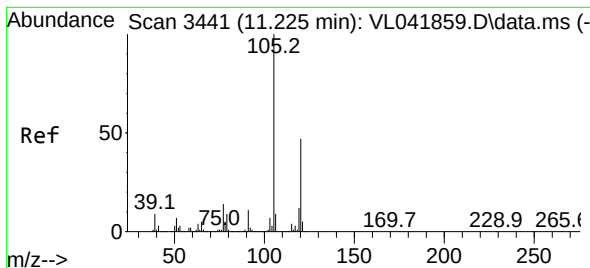
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#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 :

ICVVL010925

Tgt Ion:105 Resp: 572229

Ion Ratio Lower Upper

105 100

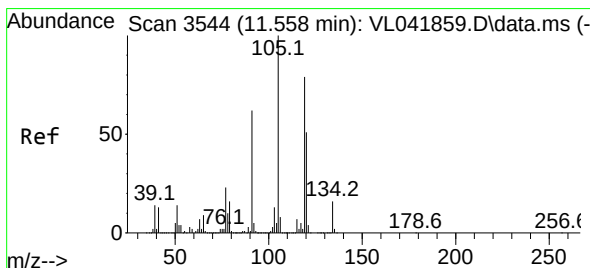
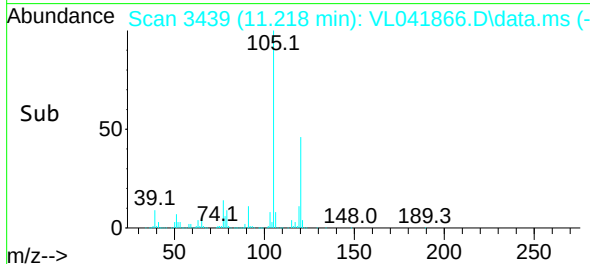
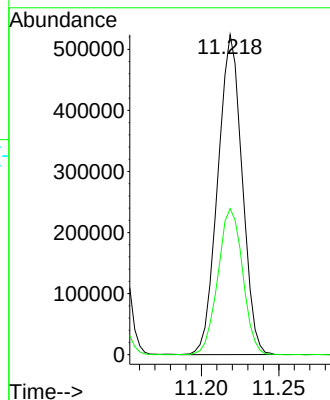
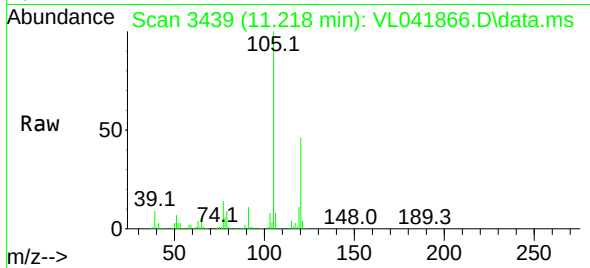
120 45.6 35.9 53.9

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

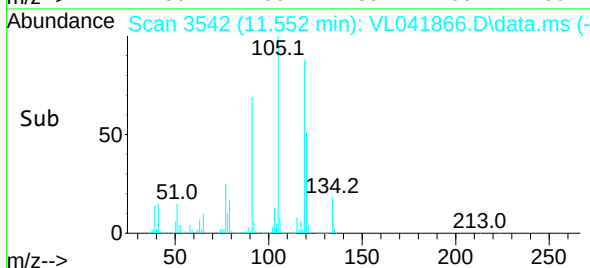
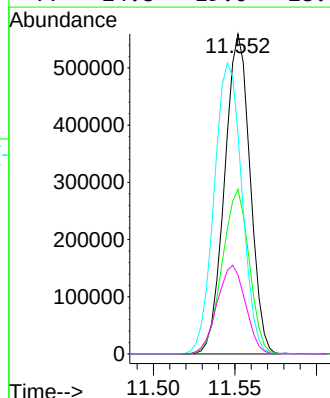
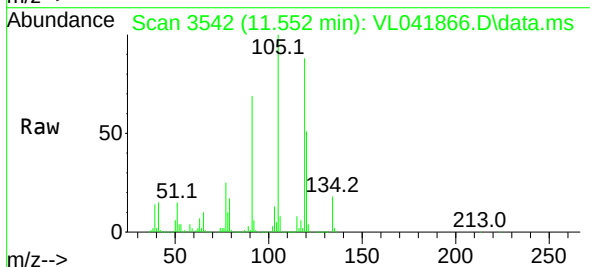
Ion Ratio Lower Upper

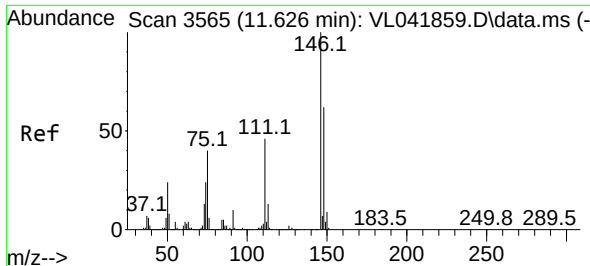
105 100

120 51.4 37.4 56.0

91 69.0 47.4 71.2

77 24.8 19.0 28.6





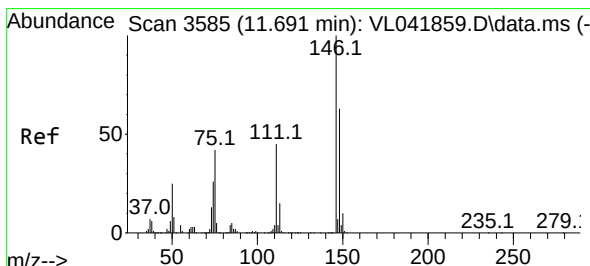
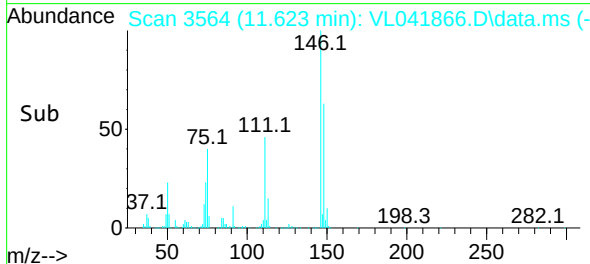
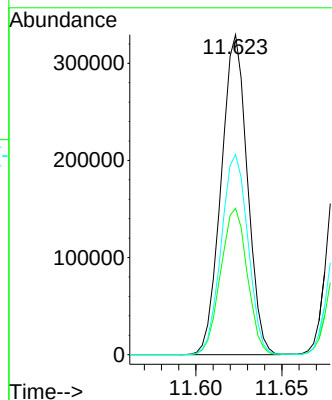
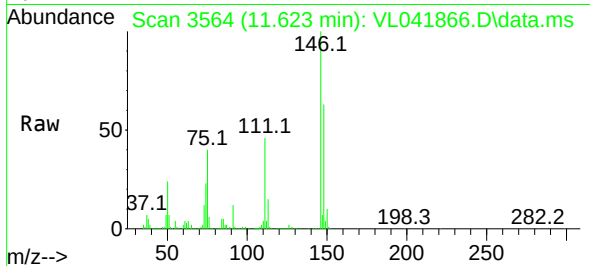
#75
1,3-Dichlorobenzene
Concen: 8.734 ppbv
RT: 11.623 min Scan# 3565
Delta R.T. 0.003 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

Instrument : MSVOA_1
ClientSampleId : ICVVL010925

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

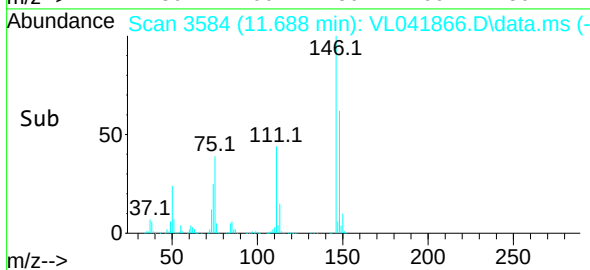
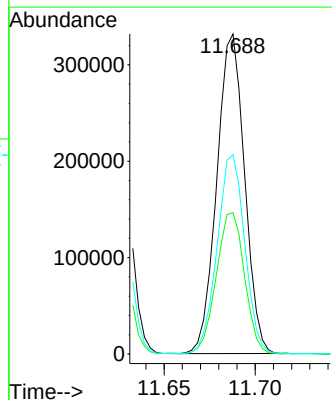
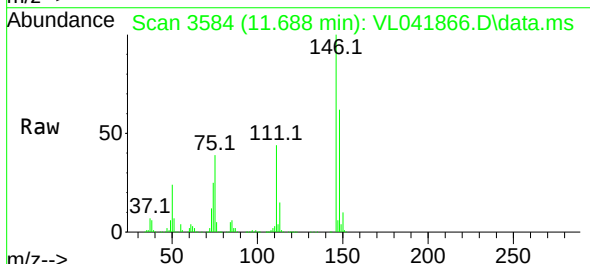
Manual Integrations
APPROVED

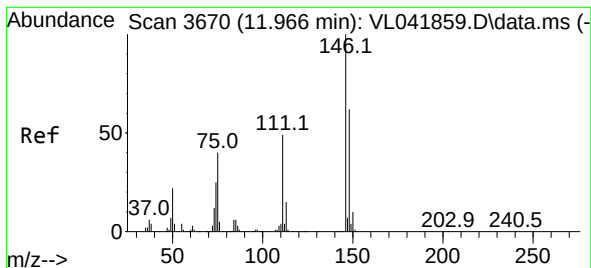
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#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# 3670

Delta R.T. 0.003 min

Lab File: VL041866.D

Acq: 09 Jan 2025 15:15

Instrument :

MSVOA_L

ClientSampleId :

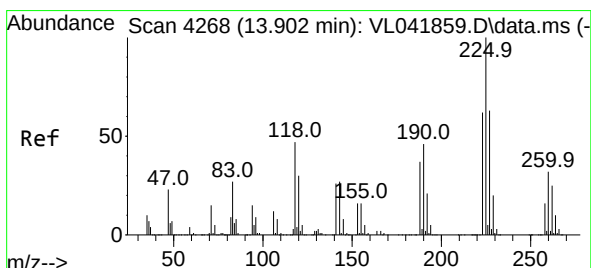
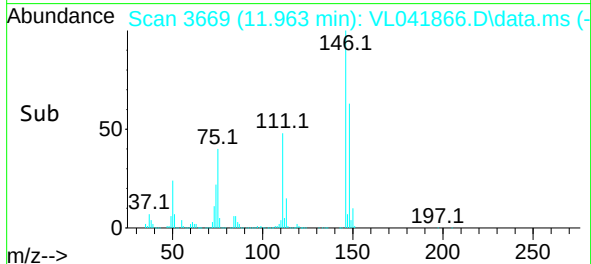
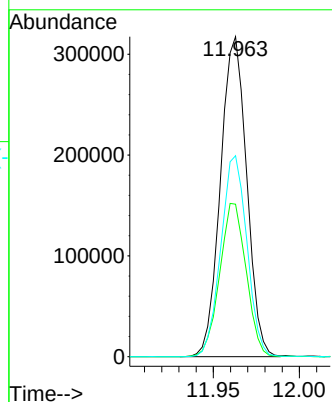
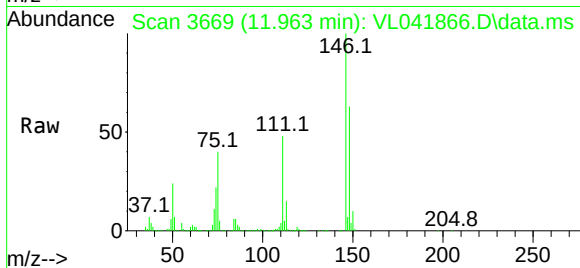
ICVVL010925

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

APPROVED

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



#78

Hexachloro-1,3-Butadiene

Concen: 7.639 ppbv

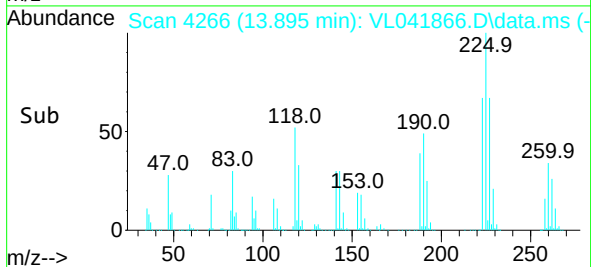
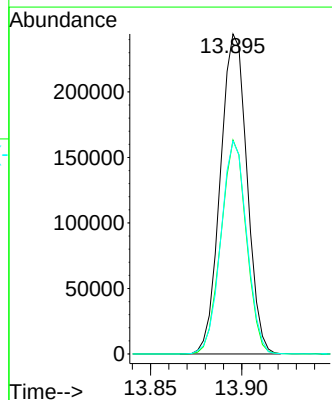
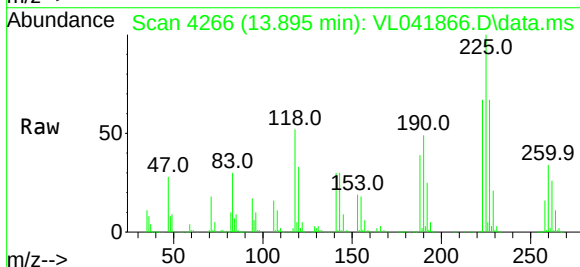
RT: 13.895 min Scan# 4266

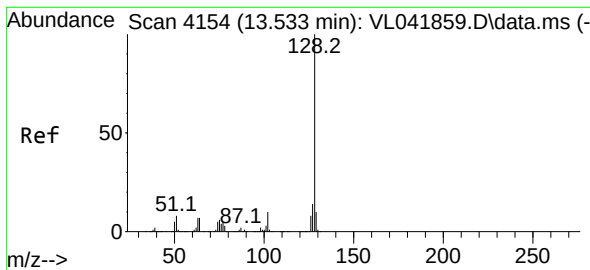
Delta R.T. 0.000 min

Lab File: VL041866.D

Acq: 09 Jan 2025 15:15

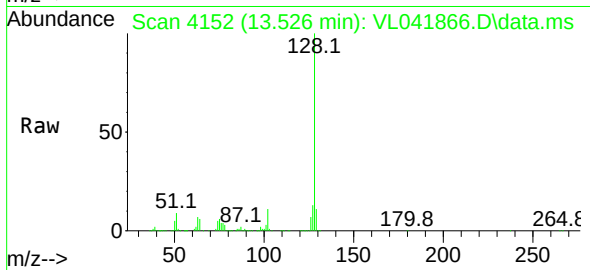
Tgt Ion:	225	Resp:	247845
Ion Ratio	Lower	Upper	
225	100		
223	63.9	50.4	75.6
227	64.8	51.2	76.8





#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

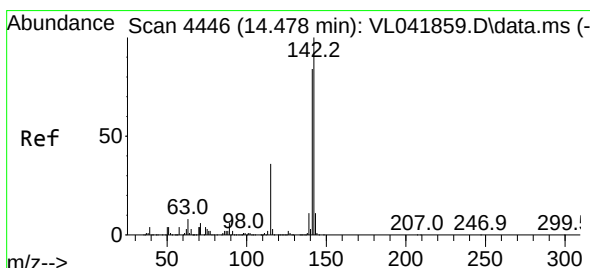
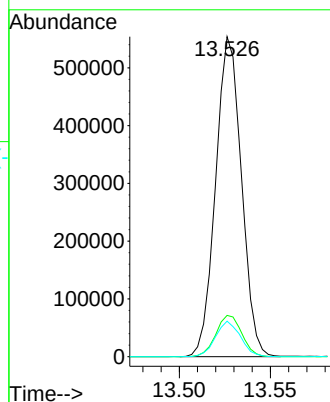
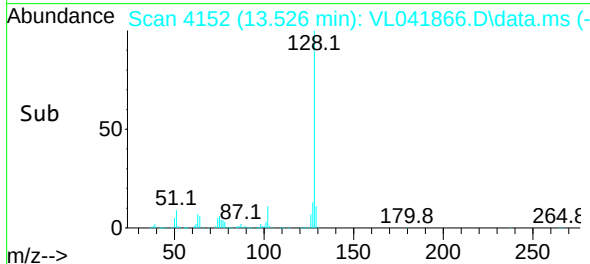
Instrument : MSVOA_L
ClientSampleId : ICVVL010925



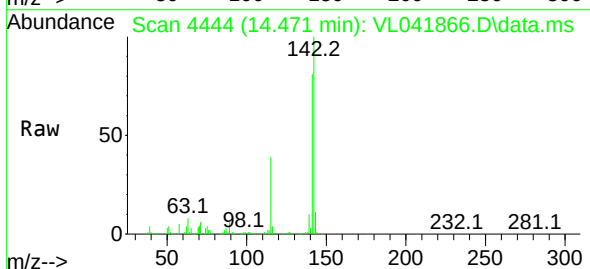
Tgt Ion:128 Resp: 54414
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 11.1 8.2 12.4

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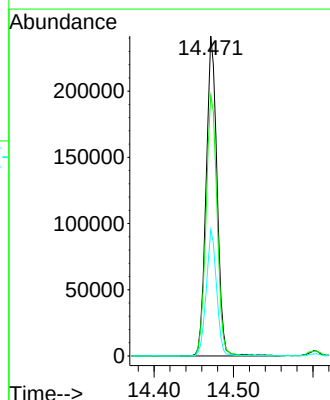
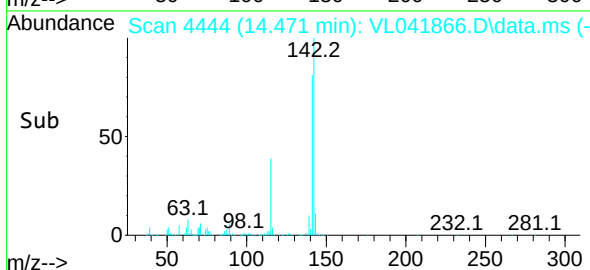
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

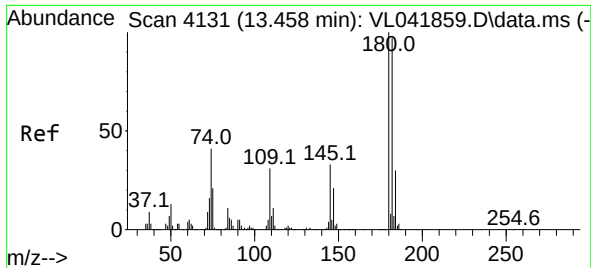


#80
Naphthalene,2-methyl-
Concen: 6.000 ppbv
RT: 14.471 min Scan# 4444
Delta R.T. 0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15



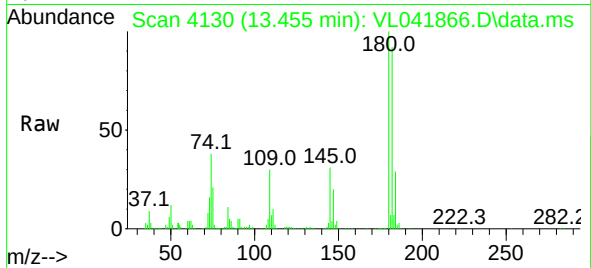
Tgt Ion:142 Resp: 232206
Ion Ratio Lower Upper
142 100
141 83.1 67.8 101.6
115 37.2 32.7 49.1





#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 :
 ICVVL010925



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

