

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091225\
 Data File : VY023357.D
 Acq On : 12 Sep 2025 10:08
 Operator : SY/MD
 Sample : VY0912SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0912SBS01

Quant Time: Sep 12 23:57:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 10 01:44:33 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/15/2025
 Supervised By :Semsettin Yesilyurt 09/15/2025

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	491381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	754652	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	670373	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	351428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	213008	49.332	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.660%		
35) Dibromofluoromethane	7.634	113	231843	50.259	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.520%		
50) Toluene-d8	10.103	98	886366	50.886	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	101.780%		
62) 4-Bromofluorobenzene	12.402	95	281954	51.436	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	102.880%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	81962	20.791	ug/l	99
3) Chloromethane	2.074	50	118016	20.921	ug/l	97
4) Vinyl Chloride	2.208	62	151407	21.305	ug/l	99
5) Bromomethane	2.592	94	132728	22.873	ug/l	97
6) Chloroethane	2.733	64	103845	21.593	ug/l	97
7) Trichlorofluoromethane	3.056	101	196625	21.921	ug/l	99
8) Diethyl Ether	3.458	74	49016	20.653	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.812	101	97626	20.239	ug/l	96
10) Methyl Iodide	4.007	142	99054	17.603	ug/l	98
11) Tert butyl alcohol	4.854	59	25802	103.419	ug/l #	85
12) 1,1-Dichloroethene	3.787	96	92977	20.036	ug/l	87
13) Acrolein	3.647	56	36054	85.479	ug/l	96
14) Allyl chloride	4.385	41	113610	19.381	ug/l	95
15) Acrylonitrile	5.055	53	91420	97.848	ug/l	100
16) Acetone	3.866	43	103284	105.014	ug/l	100
17) Carbon Disulfide	4.104	76	292343	19.899	ug/l	99
18) Methyl Acetate	4.385	43	49695	20.598	ug/l	93
19) Methyl tert-butyl Ether	5.116	73	218654	20.040	ug/l	98
20) Methylene Chloride	4.616	84	109775	20.862	ug/l	94
21) trans-1,2-Dichloroethene	5.116	96	107527	20.739	ug/l	92
22) Diisopropyl ether	6.019	45	262686	20.122	ug/l	93
23) Vinyl Acetate	5.964	43	694683	96.254	ug/l	96
24) 1,1-Dichloroethane	5.921	63	173883	20.364	ug/l	97
25) 2-Butanone	6.896	43	123225	101.796	ug/l	95
26) 2,2-Dichloropropane	6.884	77	155101	20.572	ug/l	97
27) cis-1,2-Dichloroethene	6.896	96	123016	20.952	ug/l	92
28) Bromochloromethane	7.244	49	67552	20.106	ug/l	85
29) Tetrahydrofuran	7.262	42	68271	95.085	ug/l	93
30) Chloroform	7.421	83	191357	20.857	ug/l	96
31) Cyclohexane	7.701	56	146168	19.345	ug/l	91
32) 1,1,1-Trichloroethane	7.616	97	167801	20.471	ug/l	99
36) 1,1-Dichloropropene	7.835	75	131597	20.030	ug/l	97
37) Ethyl Acetate	6.988	43	49784	19.048	ug/l	97
38) Carbon Tetrachloride	7.817	117	152901	20.225	ug/l	97
39) Methylcyclohexane	9.109	83	164885	19.617	ug/l	97
40) Benzene	8.079	78	419404	20.537	ug/l	98

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Reviewed By :Mahesh Dadoda 09/15/2025
 Supervised By :Semsettin Yesilyurt 09/15/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	26768m	19.778	ug/l	
42) 1,2-Dichloroethane	8.158	62	105380	20.268	ug/l	100
43) Isopropyl Acetate	8.201	43	95683	18.823	ug/l	94
44) Trichloroethene	8.866	130	116626	20.503	ug/l	97
45) 1,2-Dichloropropane	9.140	63	93863	20.351	ug/l	99
46) Dibromomethane	9.231	93	56951	20.276	ug/l	97
47) Bromodichloromethane	9.426	83	144208	20.408	ug/l	98
48) Methyl methacrylate	9.225	41	45131	19.048	ug/l	91
49) 1,4-Dioxane	9.231	88	12258	429.930	ug/l #	88
51) 4-Methyl-2-Pentanone	10.000	43	252287	97.009	ug/l	97
52) Toluene	10.170	92	270082	20.840	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	122372	20.115	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	147593	20.303	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	76265	20.412	ug/l	98
56) Ethyl methacrylate	10.438	69	81887	18.918	ug/l	96
57) 1,3-Dichloropropane	10.719	76	124386	20.507	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	175856	93.213	ug/l	95
59) 2-Hexanone	10.762	43	177427	98.690	ug/l	96
60) Dibromochloromethane	10.908	129	103671	20.450	ug/l	100
61) 1,2-Dibromoethane	11.012	107	70135	20.033	ug/l	98
64) Tetrachloroethene	10.646	164	143142	21.424	ug/l	99
65) Chlorobenzene	11.438	112	297736	20.273	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	103557	20.089	ug/l	98
67) Ethyl Benzene	11.518	91	478039	19.924	ug/l	98
68) m/p-Xylenes	11.627	106	391113	40.710	ug/l	94
69) o-Xylene	11.956	106	177839	19.996	ug/l	100
70) Styrene	11.969	104	302287	20.508	ug/l	97
71) Bromoform	12.133	173	61651	20.083	ug/l	99
73) Isopropylbenzene	12.255	105	464183	19.609	ug/l	99
74) N-amyl acetate	12.072	43	79808	17.836	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	12.505	83	74346	18.713	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	68828m	19.340	ug/l	
77) Bromobenzene	12.530	156	117817	19.481	ug/l	93
78) n-propylbenzene	12.597	91	552614	19.807	ug/l	97
79) 2-Chlorotoluene	12.676	91	318212	19.802	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	381504	19.815	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.298	75	24896	19.077	ug/l	100
82) 4-Chlorotoluene	12.780	91	330020	19.627	ug/l	96
83) tert-Butylbenzene	12.999	119	342529	19.643	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	384048	20.164	ug/l	100
85) sec-Butylbenzene	13.176	105	504307	19.877	ug/l	99
86) p-Isopropyltoluene	13.292	119	430114	20.070	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	235497	19.678	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	233510	19.700	ug/l	99
89) n-Butylbenzene	13.615	91	369956	19.465	ug/l	98
90) Hexachloroethane	13.877	117	90928	19.570	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	207170	19.854	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11886	19.067	ug/l	90
93) 1,2,4-Trichlorobenzene	14.919	180	121710	19.997	ug/l	99
94) Hexachlorobutadiene	15.023	225	76563	20.345	ug/l	99
95) Naphthalene	15.145	128	184278	18.837	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	105003	19.865	ug/l	99

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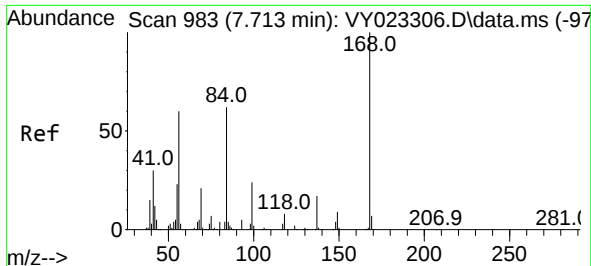
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025

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Quant Title : SW846 8260
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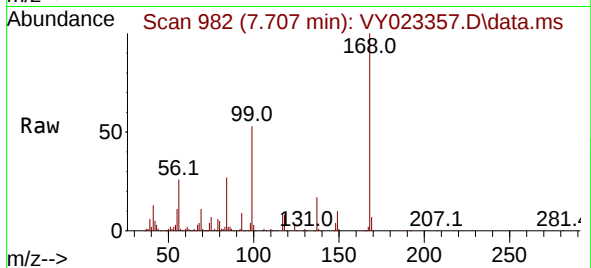
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023357.D
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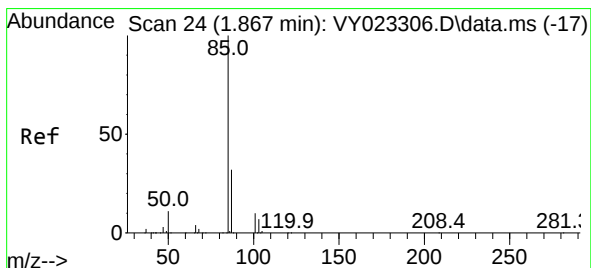
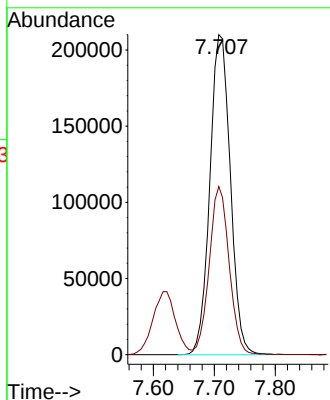
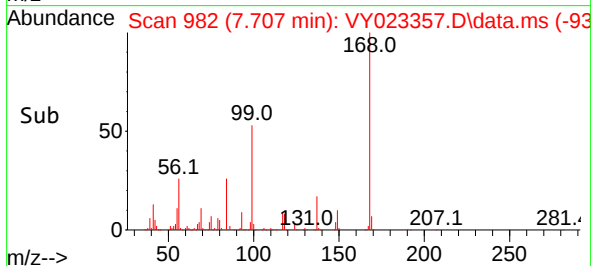
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01



Tgt Ion:168 Resp: 49138
Ion Ratio Lower Upper
168 100
99 52.4 42.8 64.2

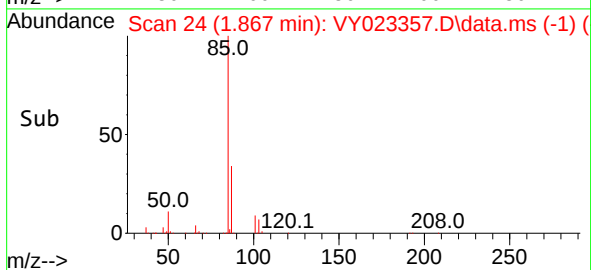
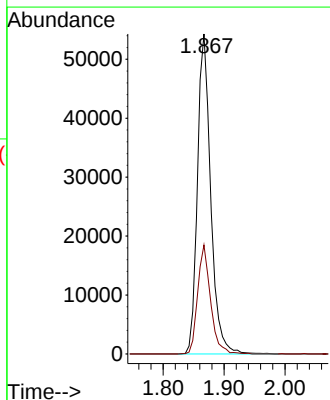
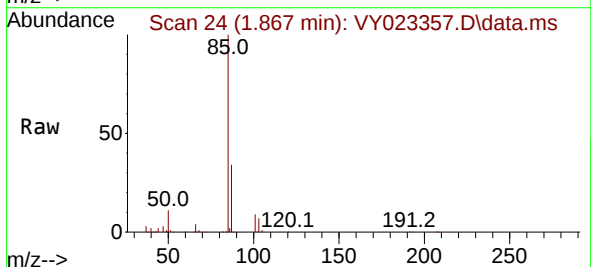
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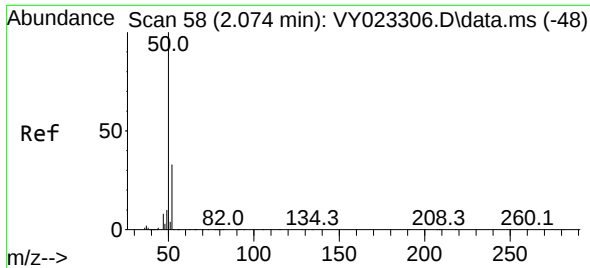
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#2
Dichlorodifluoromethane
Concen: 20.791 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

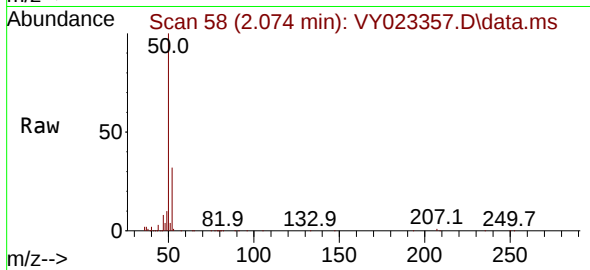
Tgt Ion: 85 Resp: 81962
Ion Ratio Lower Upper
85 100
87 34.0 16.6 49.8





#3
Chloromethane
Concen: 20.921 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

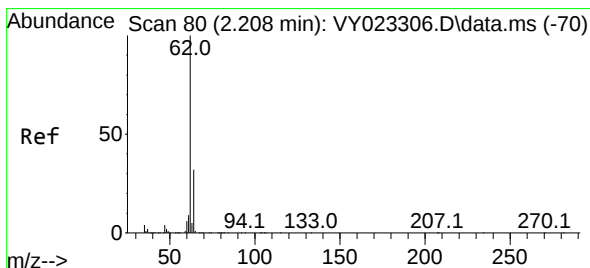
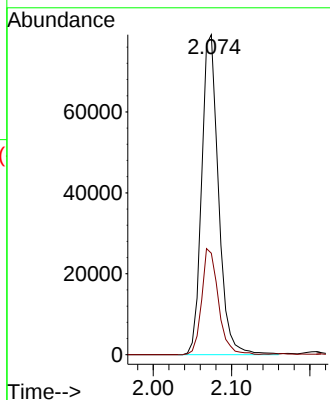
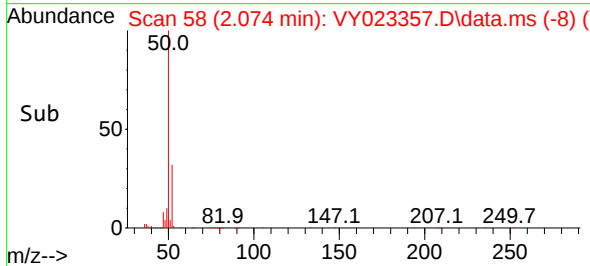
Instrument :
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ClientSampleId :
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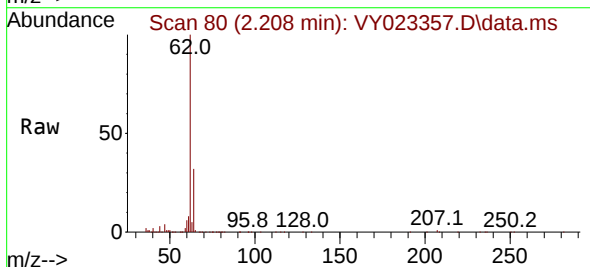
Tgt Ion: 50 Resp: 118010
Ion Ratio Lower Upper
50 100
52 31.7 26.7 40.1

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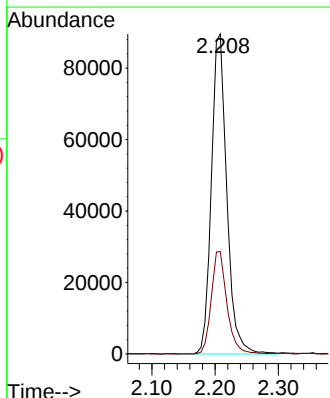
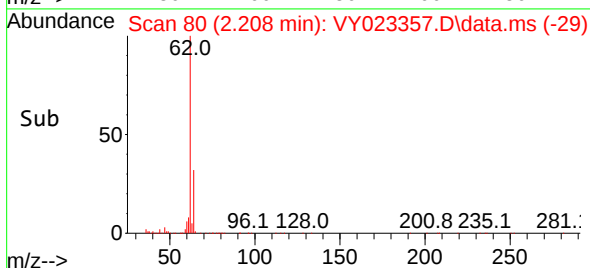
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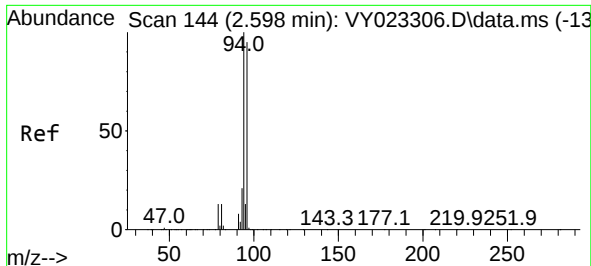


#4
Vinyl Chloride
Concen: 21.305 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08



Tgt Ion: 62 Resp: 151407
Ion Ratio Lower Upper
62 100
64 32.0 25.4 38.0





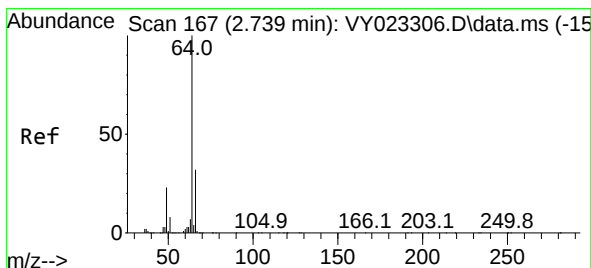
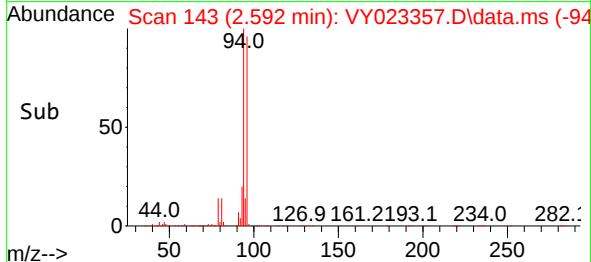
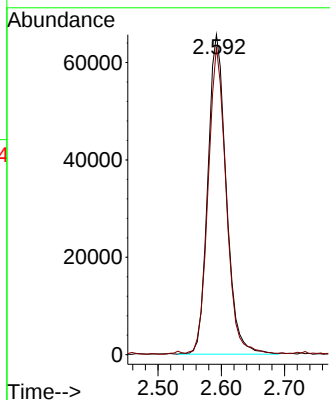
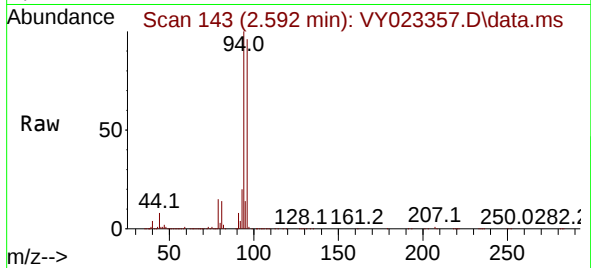
#5
Bromomethane
Concen: 22.873 ug/l
RT: 2.592 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 132728
Ion Ratio Lower Upper
94 100
96 95.9 74.6 112.0

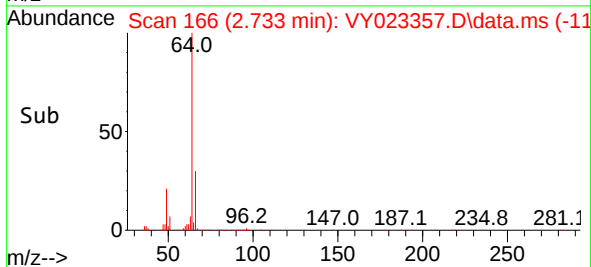
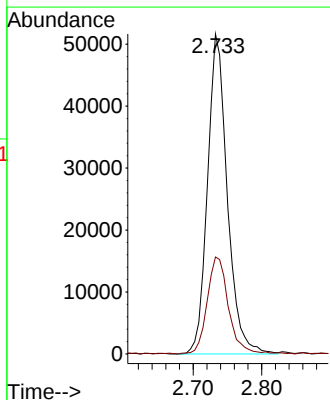
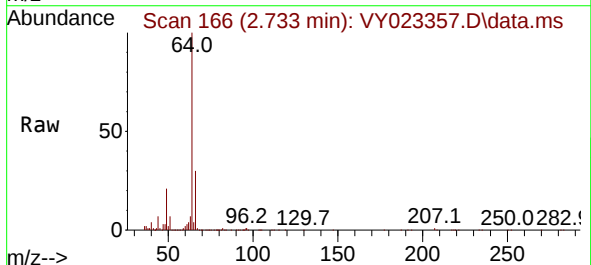
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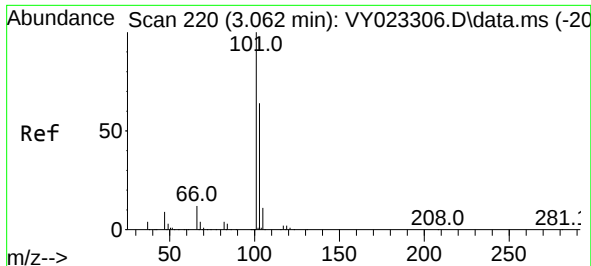
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#6
Chloroethane
Concen: 21.593 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

Tgt Ion: 64 Resp: 103845
Ion Ratio Lower Upper
64 100
66 30.3 25.8 38.6





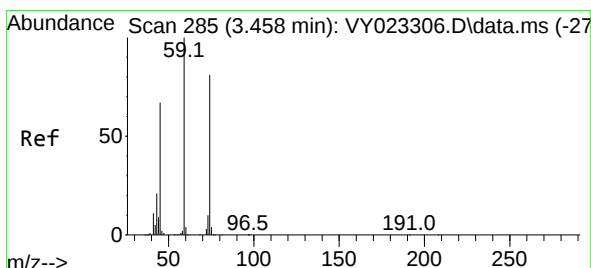
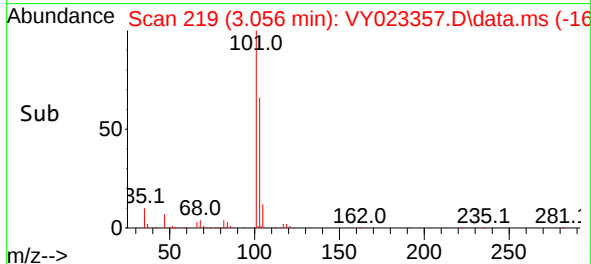
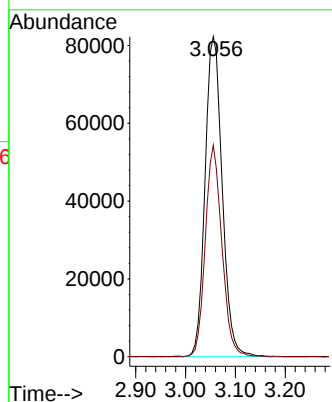
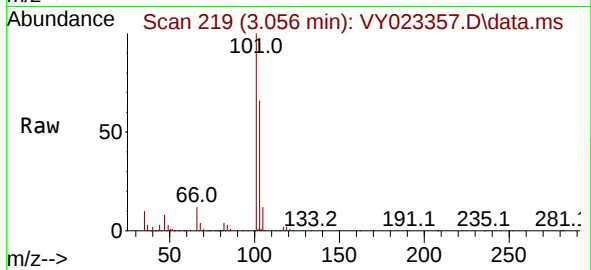
#7
Trichlorofluoromethane
Concen: 21.921 ug/l
RT: 3.056 min Scan# 219
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01

Tgt Ion:101 Resp: 196629
Ion Ratio Lower Upper
101 100
103 66.0 51.9 77.9

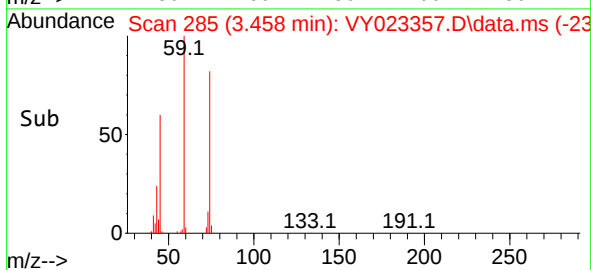
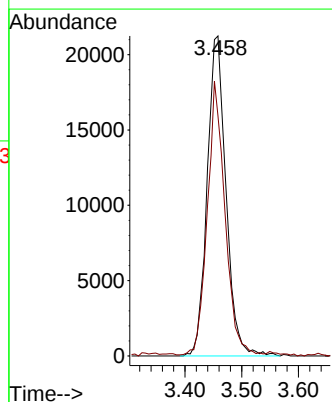
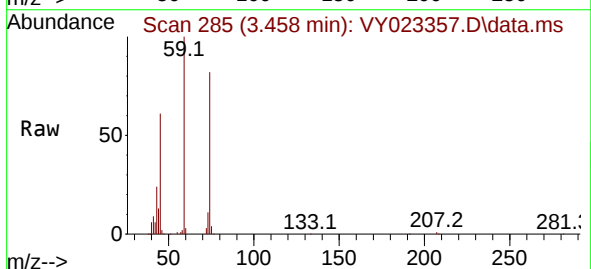
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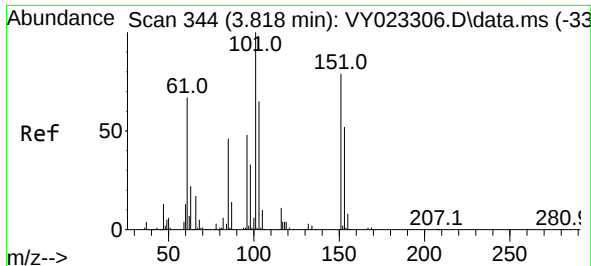
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#8
Diethyl Ether
Concen: 20.653 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.012 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

Tgt Ion: 74 Resp: 49016
Ion Ratio Lower Upper
74 100
45 80.5 44.4 133.2





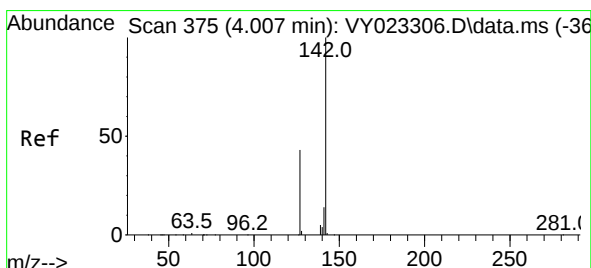
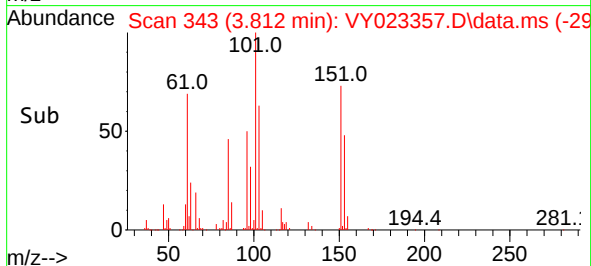
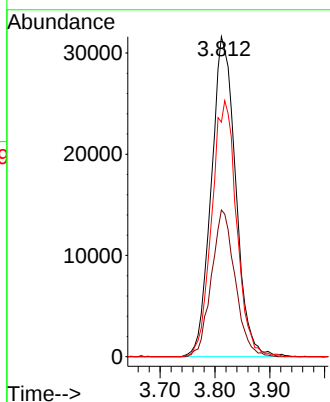
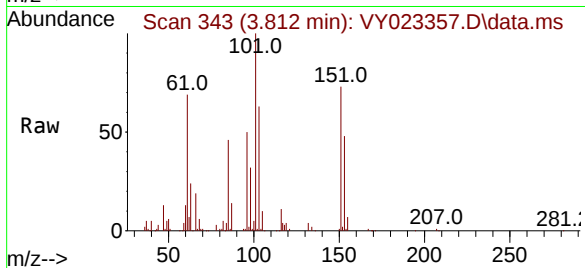
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.239 ug/l
RT: 3.812 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01

Tgt Ion:101 Resp: 97620
Ion Ratio Lower Upper
101 100
85 44.5 36.3 54.5
151 81.5 61.5 92.3

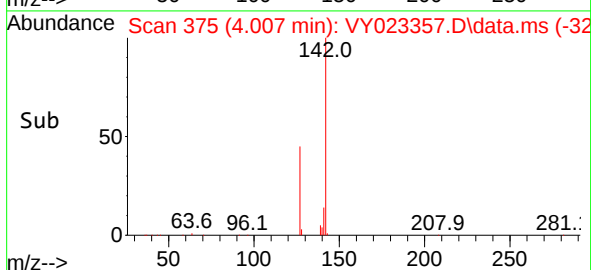
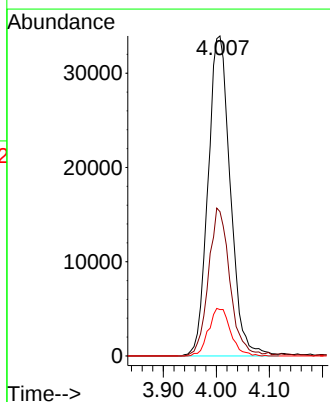
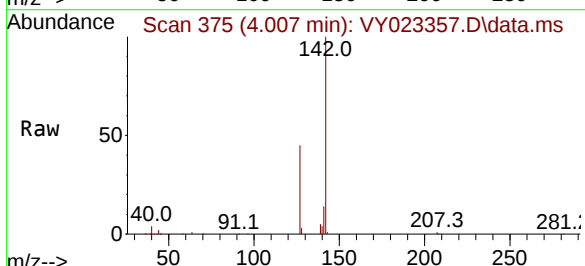
Manual Integrations
APPROVED

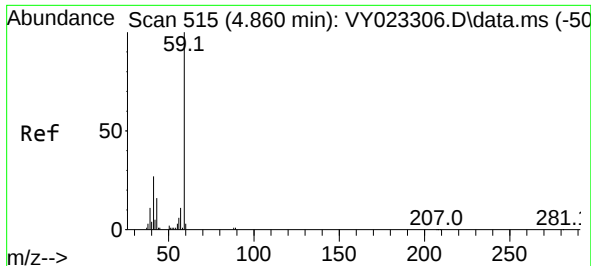
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#10
Methyl Iodide
Concen: 17.603 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

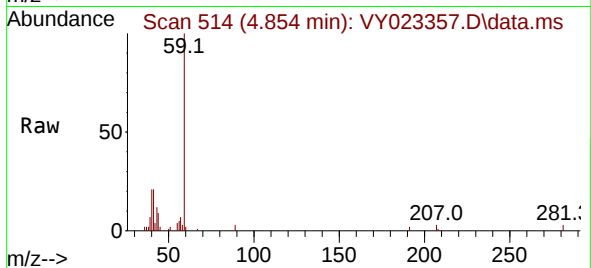
Tgt Ion:142 Resp: 99054
Ion Ratio Lower Upper
142 100
127 44.7 34.9 52.3
141 14.6 11.3 16.9





#11
Tert butyl alcohol
Concen: 103.419 ug/l
RT: 4.854 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

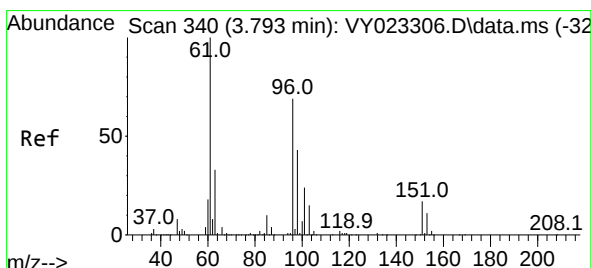
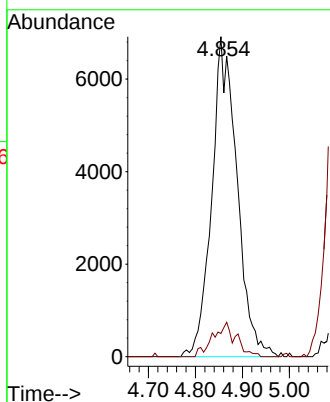
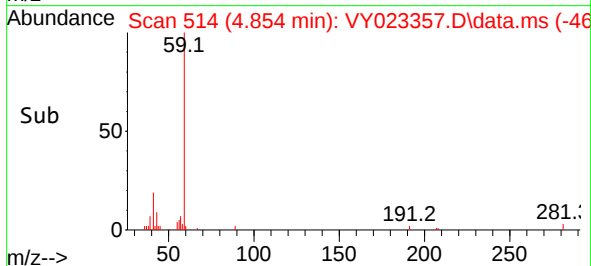
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01



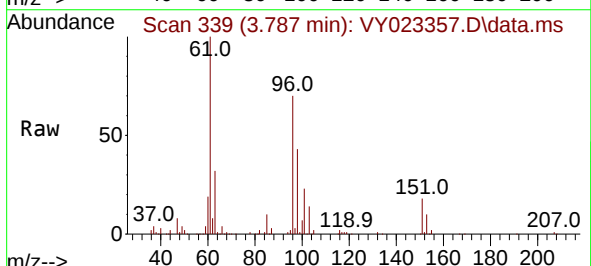
Tgt Ion: 59 Resp: 25802
Ion Ratio Lower Upper
59 100
57 5.3 8.6 13.0

Manual Integrations
APPROVED

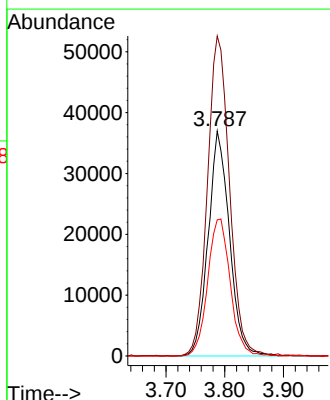
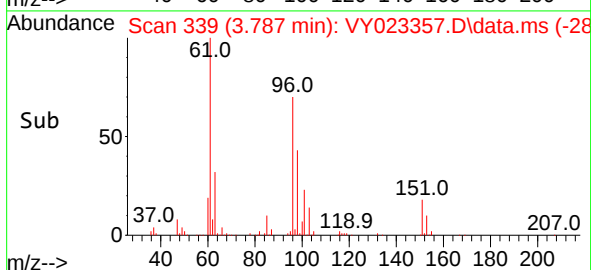
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025

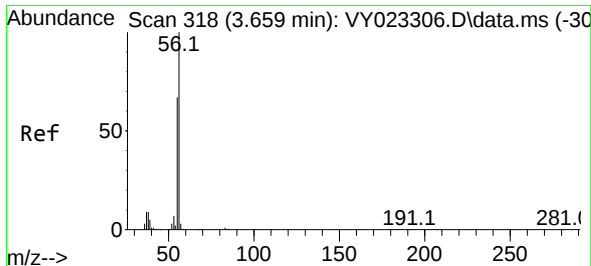


#12
1,1-Dichloroethene
Concen: 20.036 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08



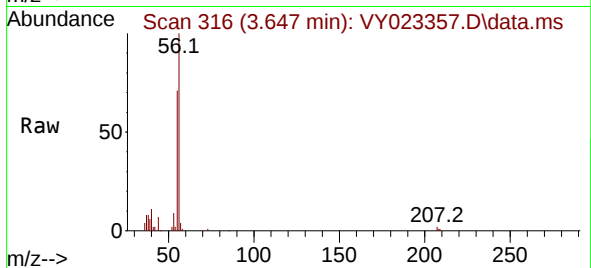
Tgt Ion: 96 Resp: 92977
Ion Ratio Lower Upper
96 100
61 142.1 129.4 194.2
98 60.5 52.8 79.2





#13
Acrolein
Concen: 85.479 ug/l
RT: 3.647 min Scan# 318
Delta R.T. 0.000 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

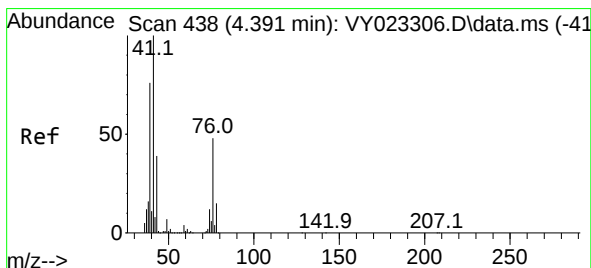
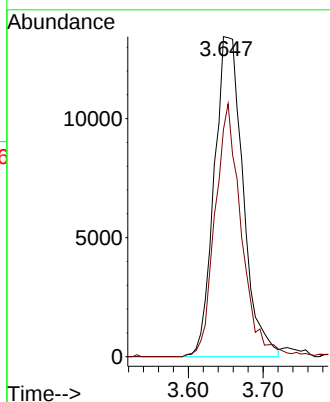
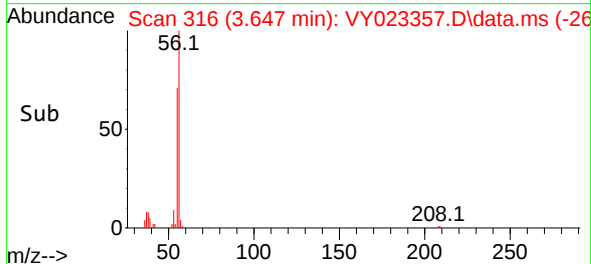
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01



Tgt Ion: 56 Resp: 36054
Ion Ratio Lower Upper
56 100
55 72.0 55.2 82.8

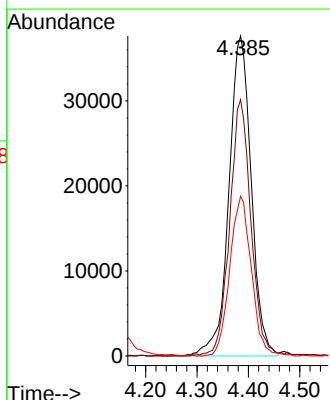
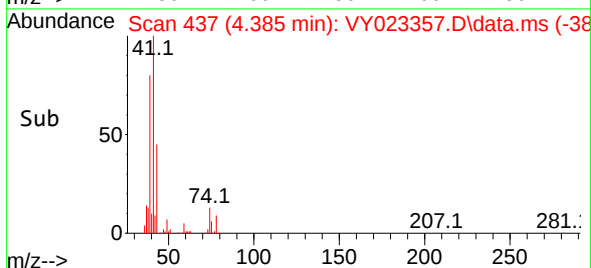
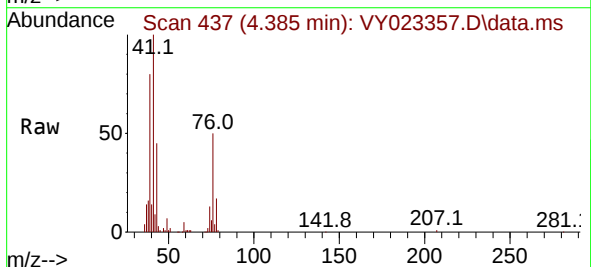
Manual Integrations
APPROVED

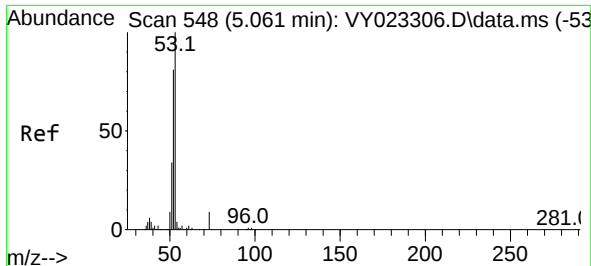
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#14
Allyl chloride
Concen: 19.381 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

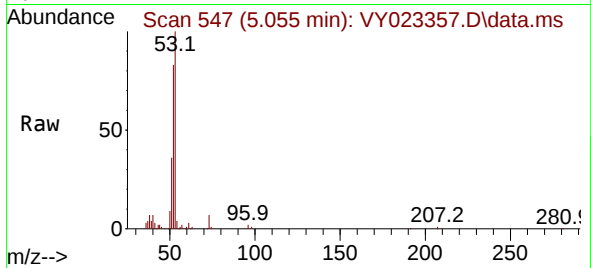
Tgt Ion: 41 Resp: 113610
Ion Ratio Lower Upper
41 100
39 76.5 59.8 89.6
76 48.2 33.7 50.5





#15
Acrylonitrile
Concen: 97.848 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

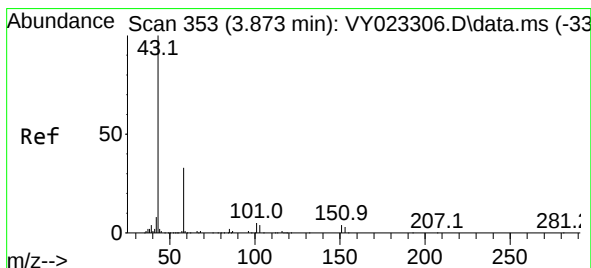
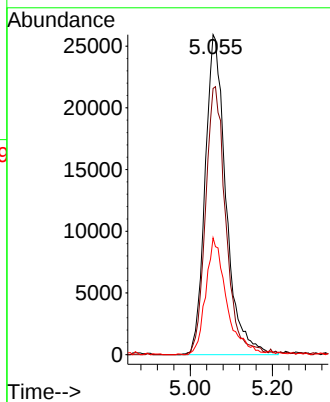
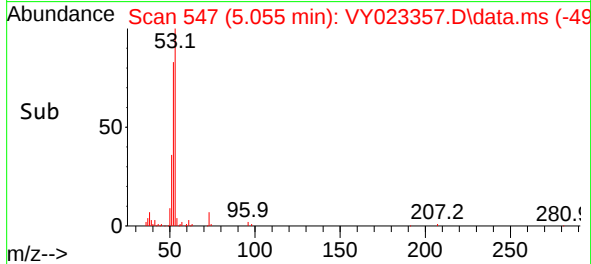
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01



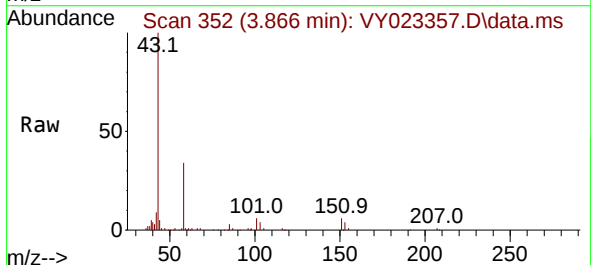
Tgt Ion: 53 Resp: 91420
Ion Ratio Lower Upper
53 100
52 81.3 65.3 97.9
51 36.4 29.5 44.3

Manual Integrations
APPROVED

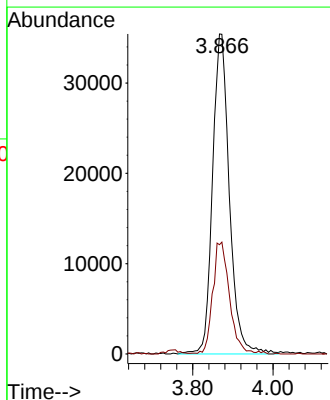
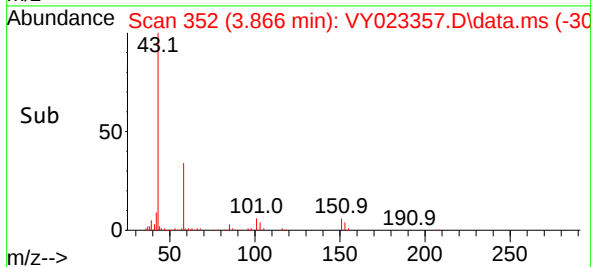
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025

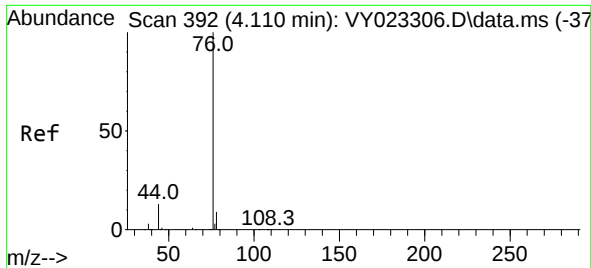


#16
Acetone
Concen: 105.014 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08



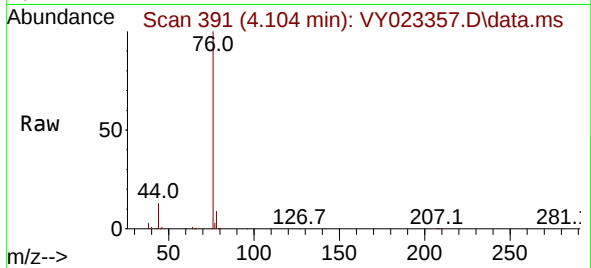
Tgt Ion: 43 Resp: 103284
Ion Ratio Lower Upper
43 100
58 34.0 27.1 40.7





#17
Carbon Disulfide
Concen: 19.899 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

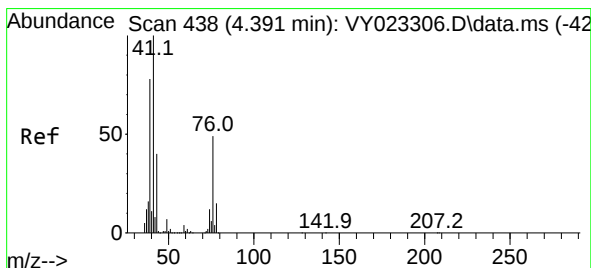
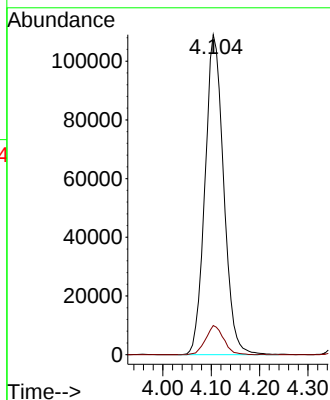
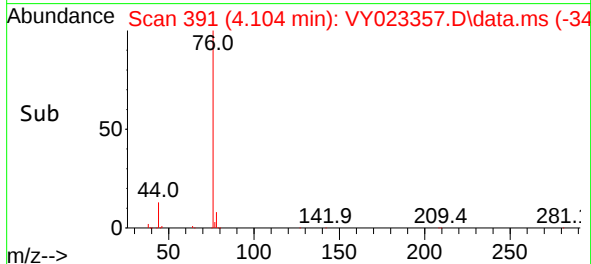
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01



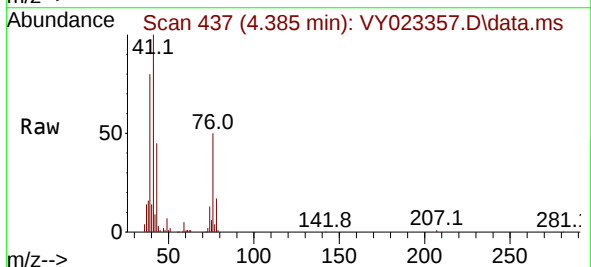
Tgt Ion: 76 Resp: 29234
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

Manual Integrations
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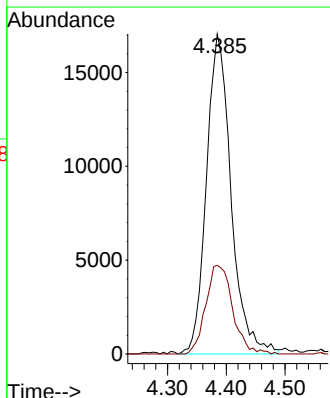
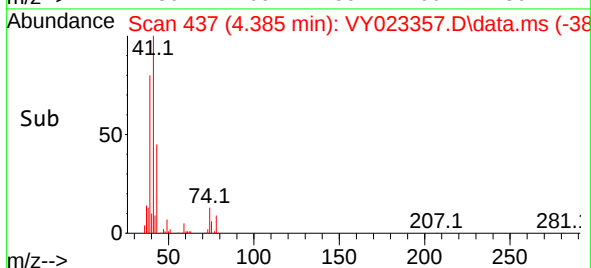
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025

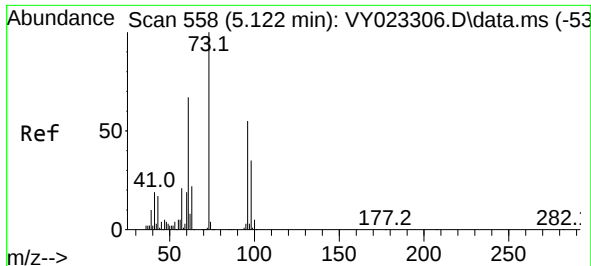


#18
Methyl Acetate
Concen: 20.598 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08



Tgt Ion: 43 Resp: 49695
Ion Ratio Lower Upper
43 100
74 30.2 21.2 31.8





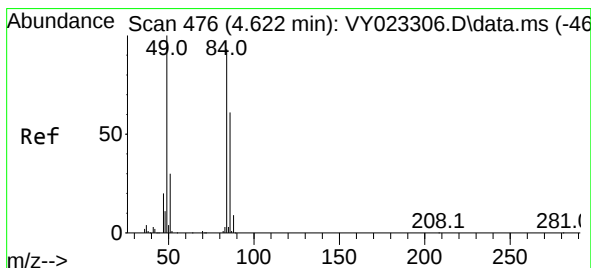
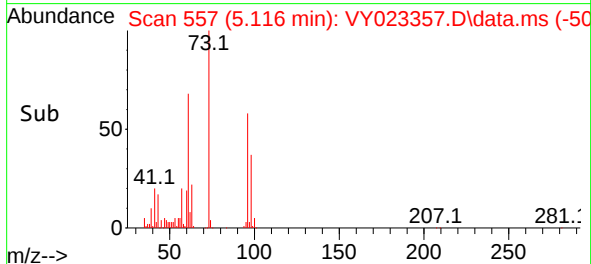
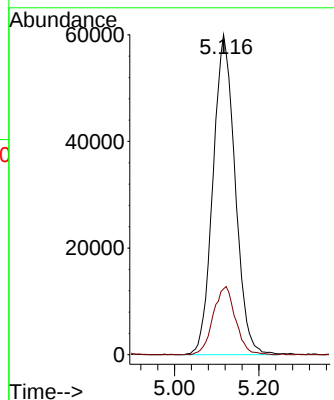
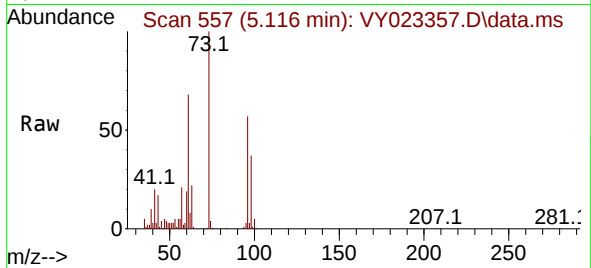
#19
Methyl tert-butyl Ether
Concen: 20.040 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01

Tgt Ion: 73 Resp: 218654
Ion Ratio Lower Upper
73 100
57 20.6 17.1 25.7

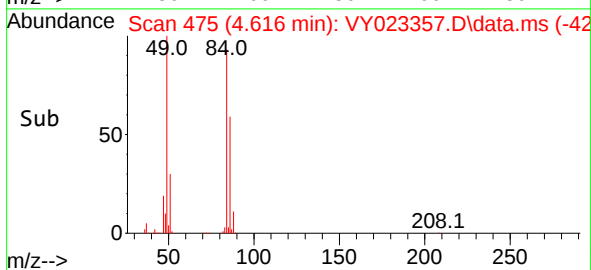
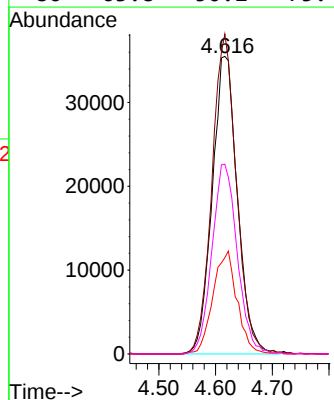
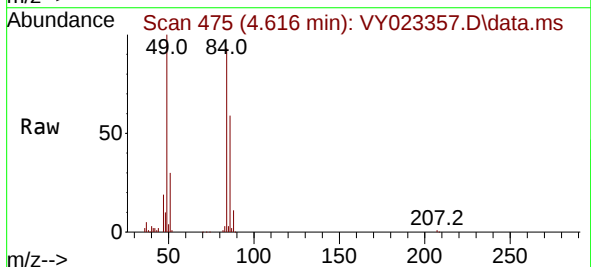
Manual Integrations
APPROVED

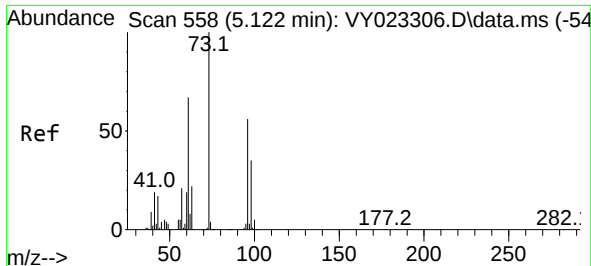
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#20
Methylene Chloride
Concen: 20.862 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

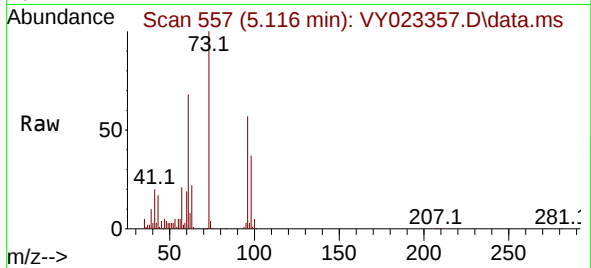
Tgt Ion: 84 Resp: 109775
Ion Ratio Lower Upper
84 100
49 107.5 93.0 139.6
51 32.3 29.0 43.4
86 63.8 50.2 75.4





#21
trans-1,2-Dichloroethene
Concen: 20.739 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

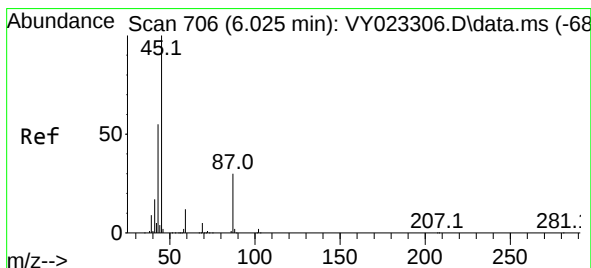
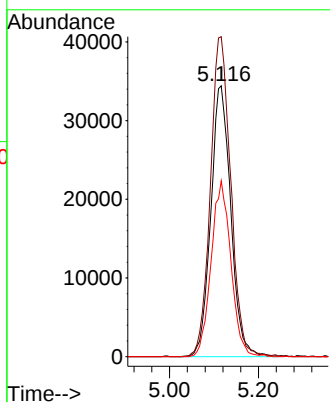
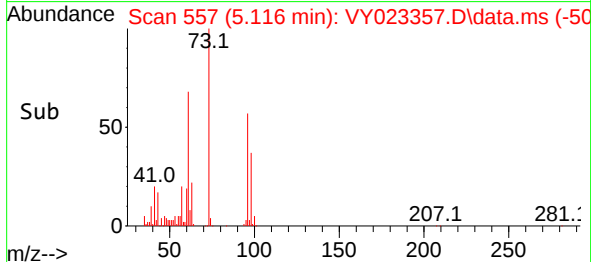
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01



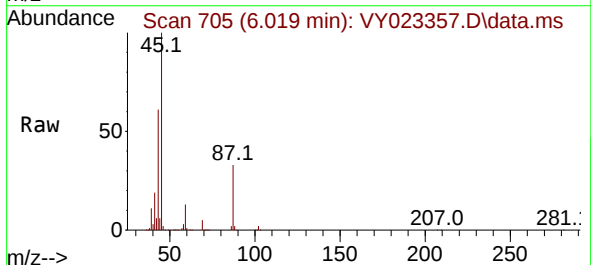
Tgt Ion: 96 Resp: 10752
Ion Ratio Lower Upper
96 100
61 118.1 104.8 157.2
98 64.9 50.1 75.1

Manual Integrations
APPROVED

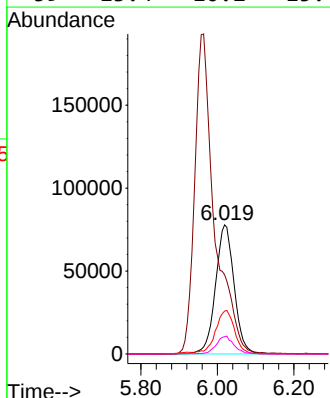
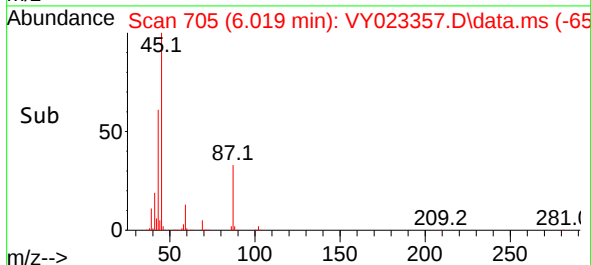
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025

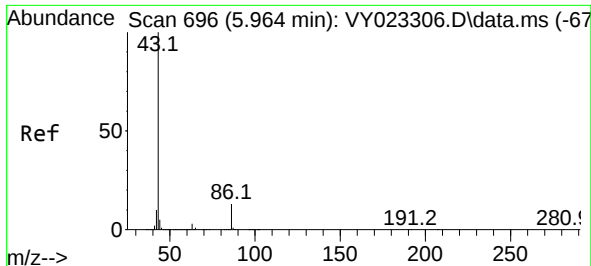


#22
Diisopropyl ether
Concen: 20.122 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08



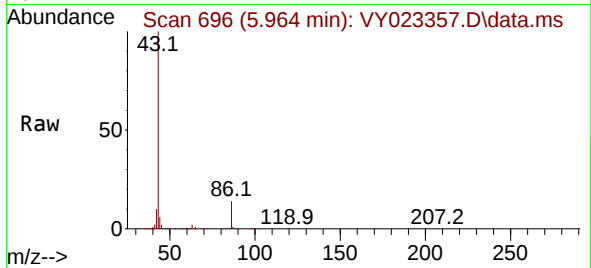
Tgt Ion: 45 Resp: 262686
Ion Ratio Lower Upper
45 100
43 60.9 43.4 65.0
87 33.2 24.4 36.6
59 13.4 10.2 15.4





#23
 Vinyl Acetate
 Concen: 96.254 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.012 min
 Lab File: VY023357.D
 Acq: 12 Sep 2025 10:08

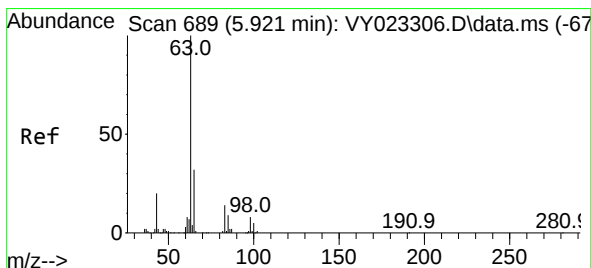
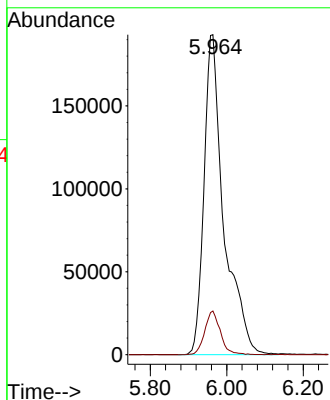
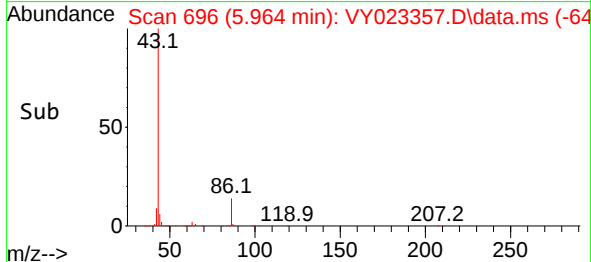
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0912SBS01



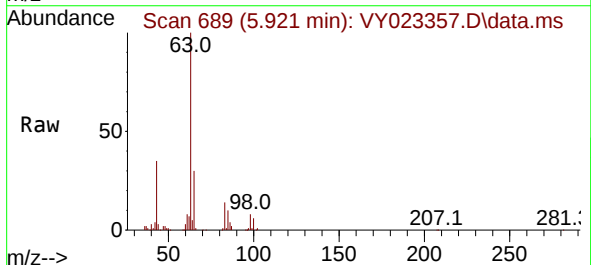
Tgt Ion: 43 Resp: 694683
 Ion Ratio Lower Upper
 43 100
 86 13.6 9.6 14.4

Manual Integrations
 APPROVED

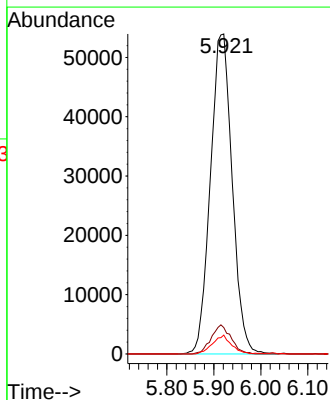
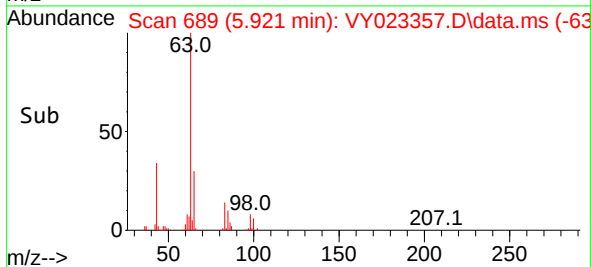
Reviewed By :Mahesh Dadoda 09/15/2025
 Supervised By :Semsettin Yesilyurt 09/15/2025

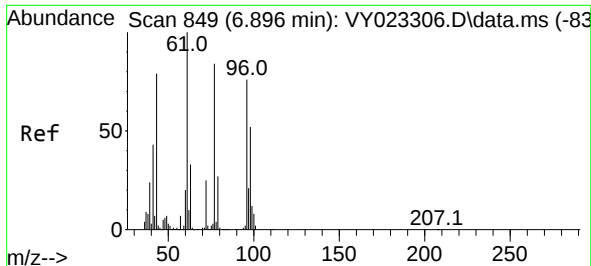


#24
 1,1-Dichloroethane
 Concen: 20.364 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.012 min
 Lab File: VY023357.D
 Acq: 12 Sep 2025 10:08



Tgt Ion: 63 Resp: 173883
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.5 10.6
 100 5.9 2.4 7.1





#25

2-Butanone

Concen: 101.796 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY023357.D

Acq: 12 Sep 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0912SBS01

Tgt Ion: 43 Resp: 12322

Ion Ratio Lower Upper

43 100

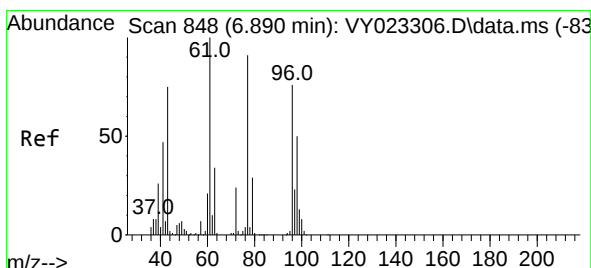
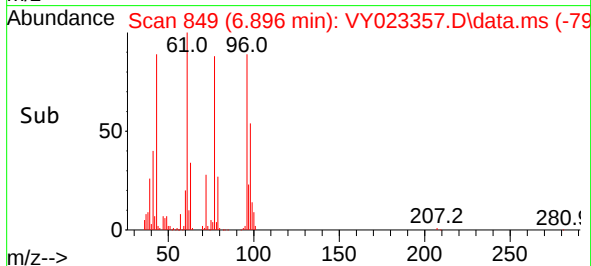
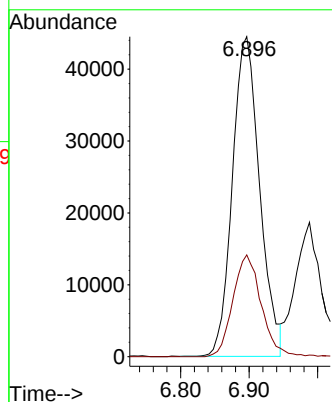
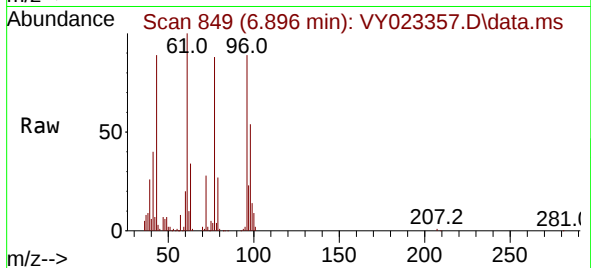
72 31.8 23.5 35.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/15/2025

Supervised By :Semsettin Yesilyurt 09/15/2025



#26

2,2-Dichloropropane

Concen: 20.572 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY023357.D

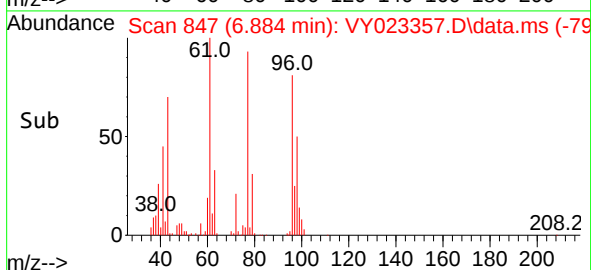
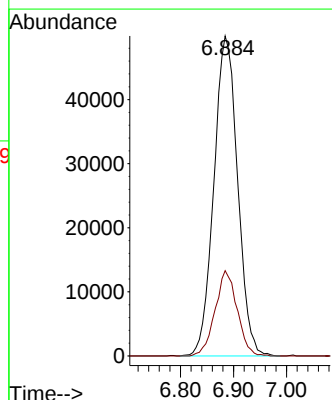
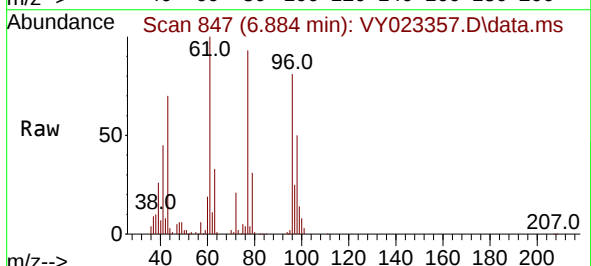
Acq: 12 Sep 2025 10:08

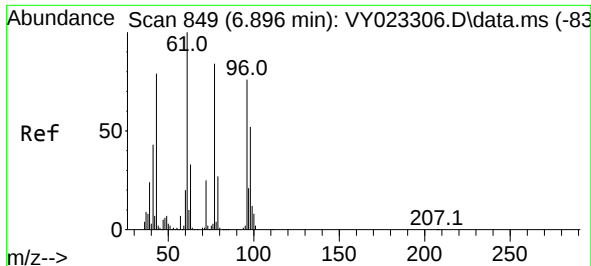
Tgt Ion: 77 Resp: 155101

Ion Ratio Lower Upper

77 100

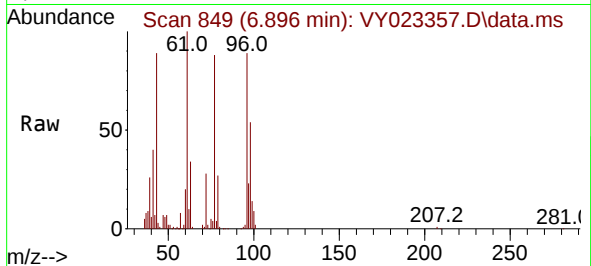
97 24.8 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 20.952 ug/l
 RT: 6.896 min Scan# 849
 Delta R.T. 0.012 min
 Lab File: VY023357.D
 Acq: 12 Sep 2025 10:08

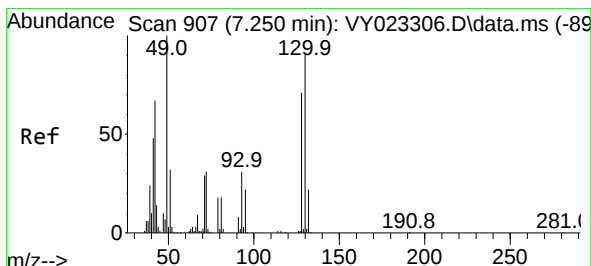
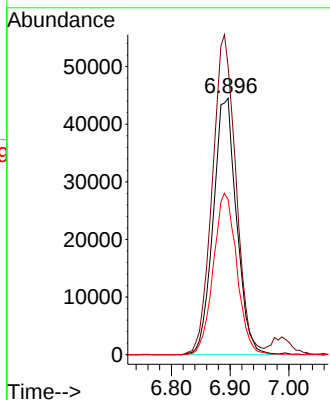
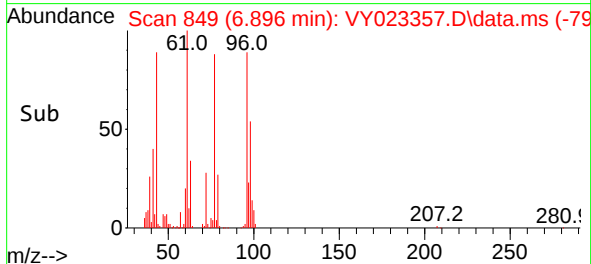
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0912SBS01



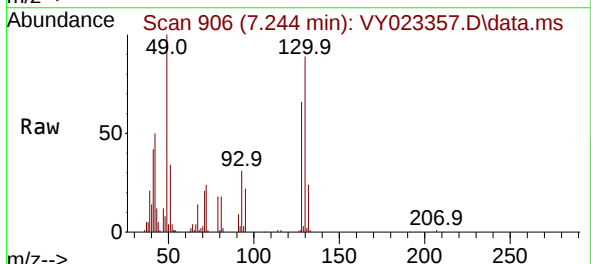
Tgt Ion: 96 Resp: 123010
 Ion Ratio Lower Upper
 96 100
 61 125.7 0.0 278.6
 98 63.4 0.0 130.4

Manual Integrations
 APPROVED

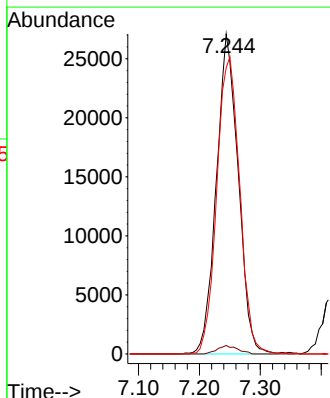
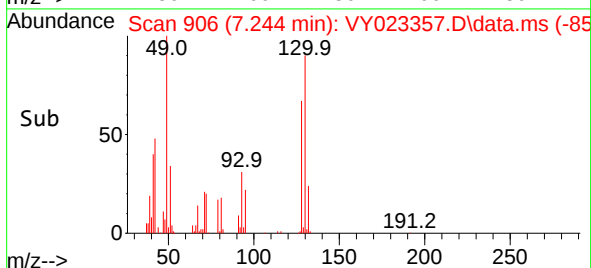
Reviewed By :Mahesh Dadoda 09/15/2025
 Supervised By :Semsettin Yesilyurt 09/15/2025

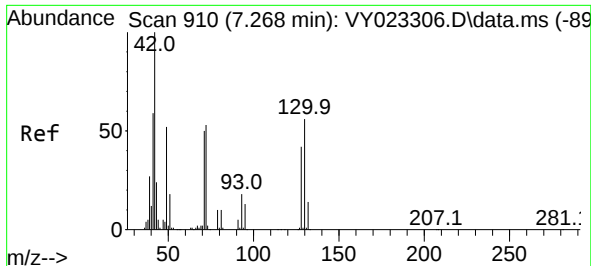


#28
 Bromochloromethane
 Concen: 20.106 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY023357.D
 Acq: 12 Sep 2025 10:08



Tgt Ion: 49 Resp: 67552
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.2
 130 97.2 66.4 99.6





#29

Tetrahydrofuran

Concen: 95.085 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.006 min

Lab File: VY023357.D

Acq: 12 Sep 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

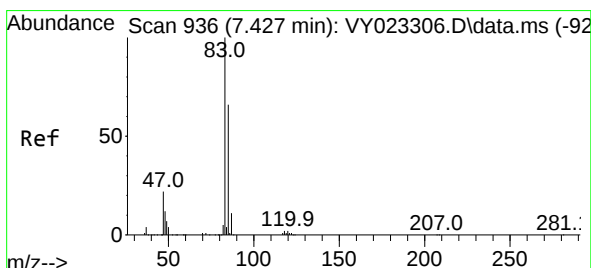
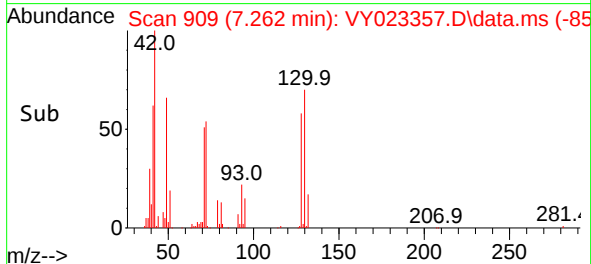
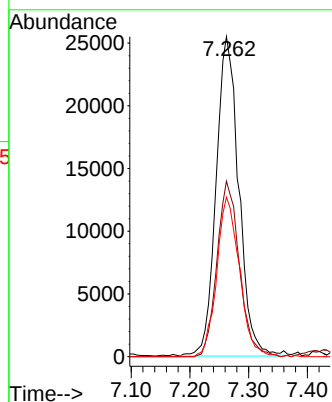
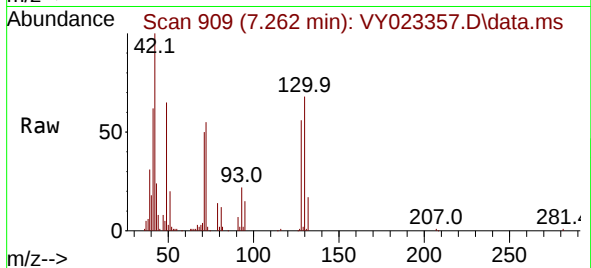
VY0912SBS01

Tgt Ion:	42	Resp:	6827
Ion Ratio	Lower	Upper	
42	100		
72	54.2	39.4	59.2
71	50.1	36.5	54.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#30

Chloroform

Concen: 20.857 ug/l

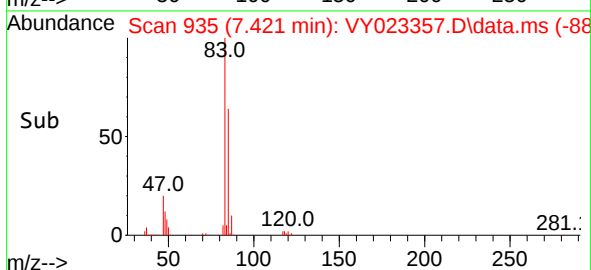
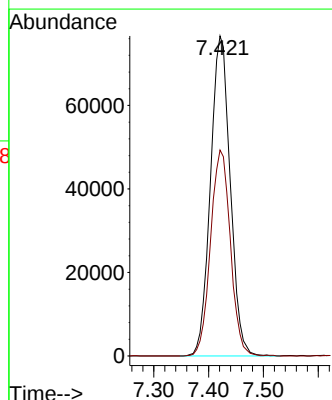
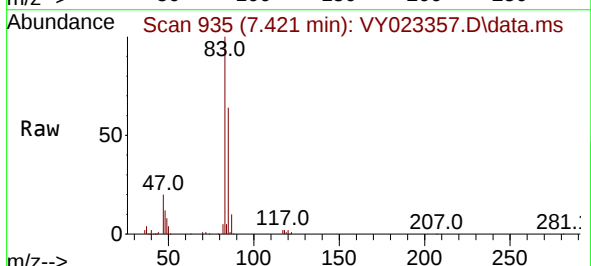
RT: 7.421 min Scan# 935

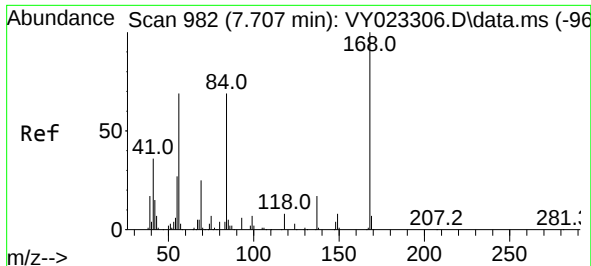
Delta R.T. 0.006 min

Lab File: VY023357.D

Acq: 12 Sep 2025 10:08

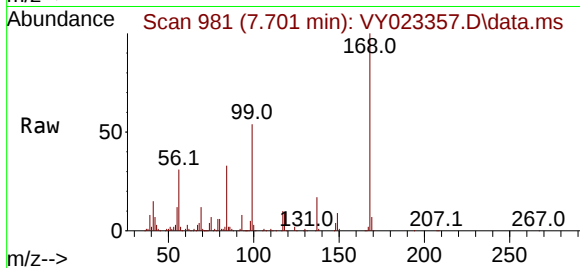
Tgt Ion:	83	Resp:	191357
Ion Ratio	Lower	Upper	
83	100		
85	64.3	53.8	80.8





#31
Cyclohexane
Concen: 19.345 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

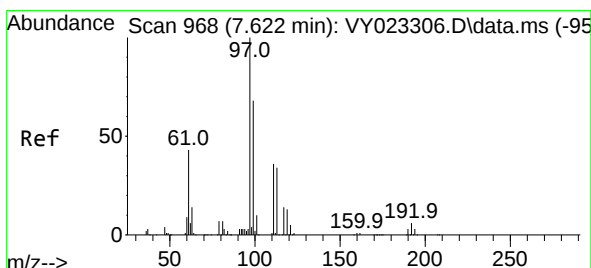
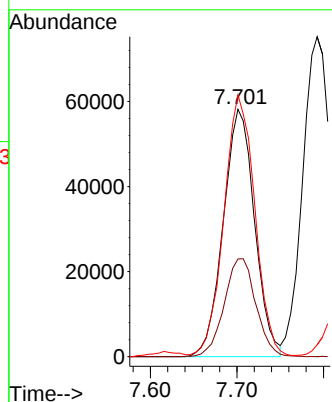
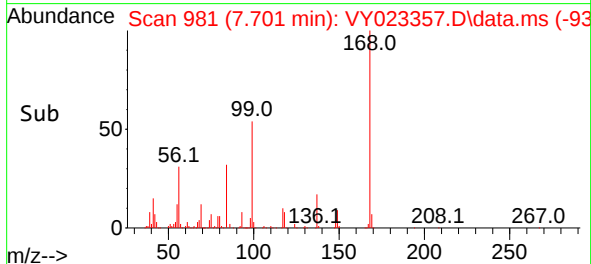
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01



Tgt Ion: 56 Resp: 146168
Ion Ratio Lower Upper
56 100
69 39.5 28.2 42.2
84 104.4 76.6 114.8

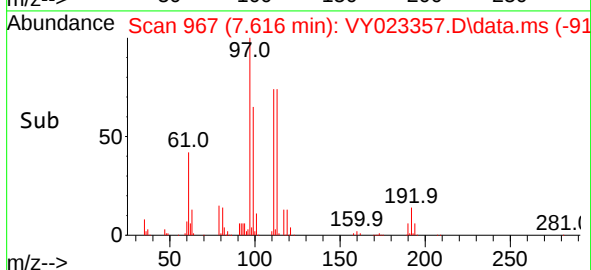
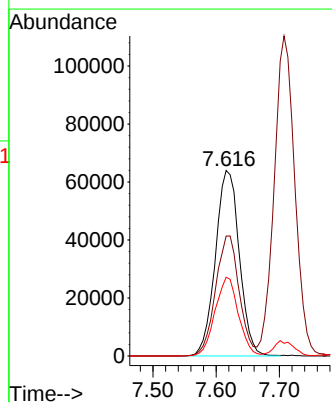
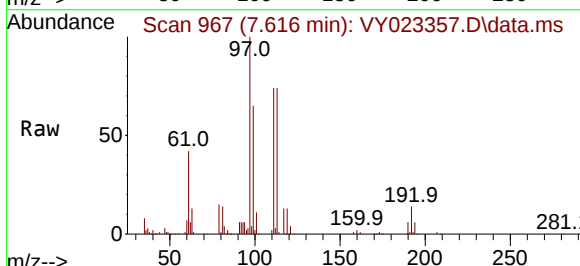
Manual Integrations
APPROVED

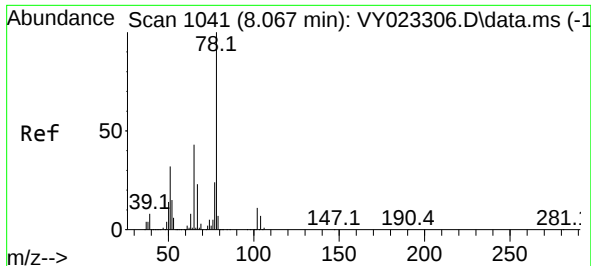
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#32
1,1,1-Trichloroethane
Concen: 20.471 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

Tgt Ion: 97 Resp: 167801
Ion Ratio Lower Upper
97 100
99 64.4 51.6 77.4
61 41.5 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 49.332 ug/l

RT: 8.061 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY023357.D

Acq: 12 Sep 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0912SBS01

Tgt Ion: 65 Resp: 213008

Ion Ratio Lower Upper

65 100

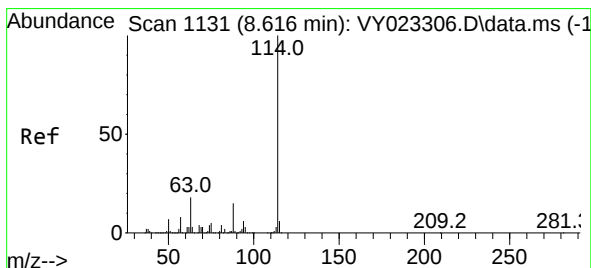
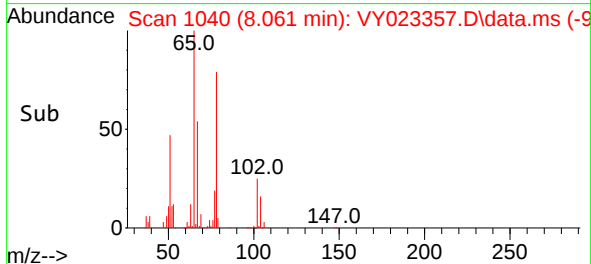
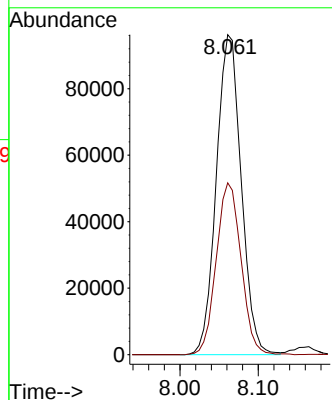
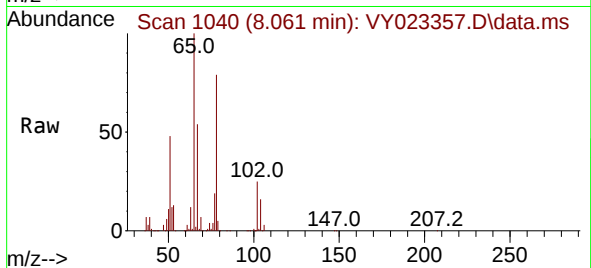
67 53.4 0.0 106.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/15/2025

Supervised By :Semsettin Yesilyurt 09/15/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023357.D

Acq: 12 Sep 2025 10:08

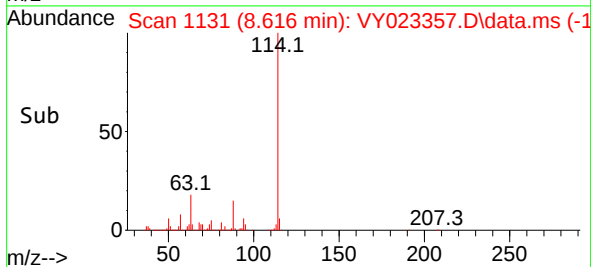
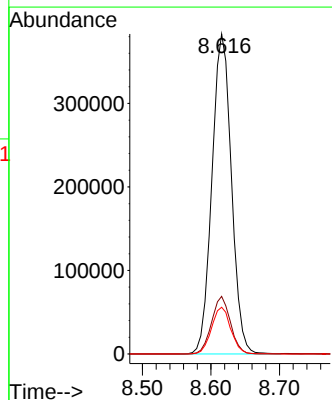
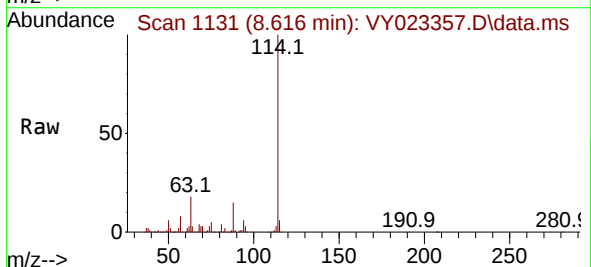
Tgt Ion:114 Resp: 754652

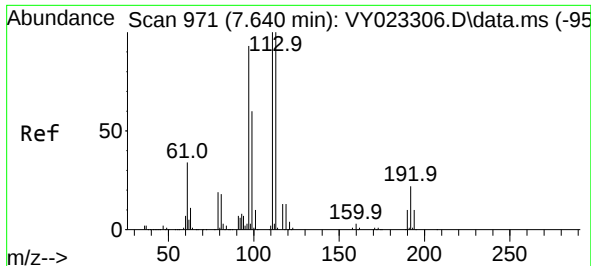
Ion Ratio Lower Upper

114 100

63 18.0 0.0 38.4

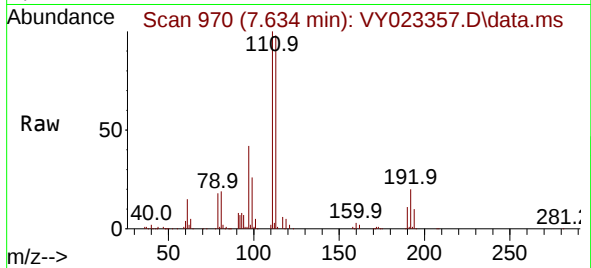
88 14.6 0.0 30.0





#35
Dibromofluoromethane
Concen: 50.259 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

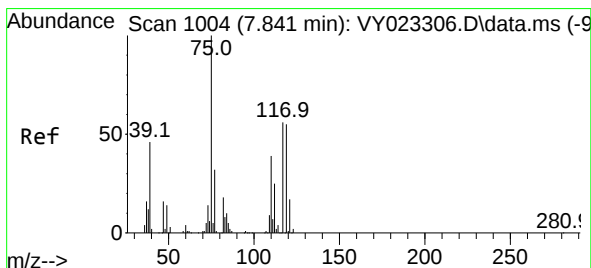
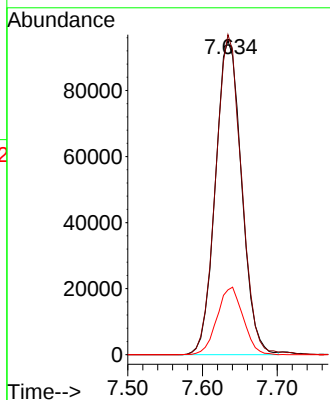
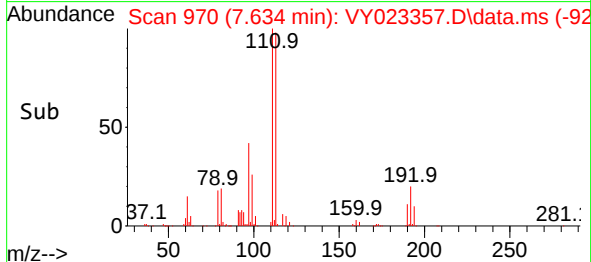
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01



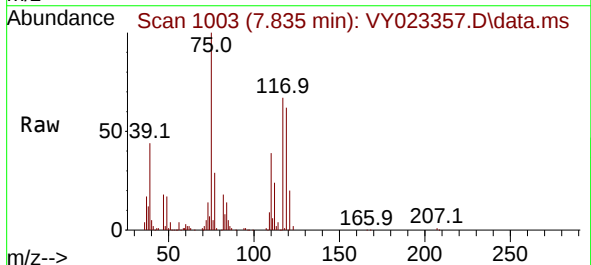
Tgt Ion:113 Resp: 23184
Ion Ratio Lower Upper
113 100
111 101.1 81.1 121.7
192 21.3 16.2 24.4

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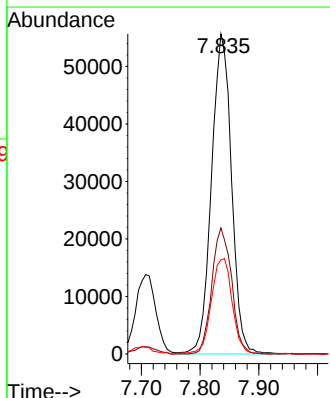
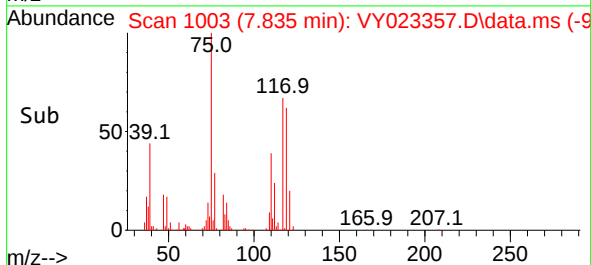
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025

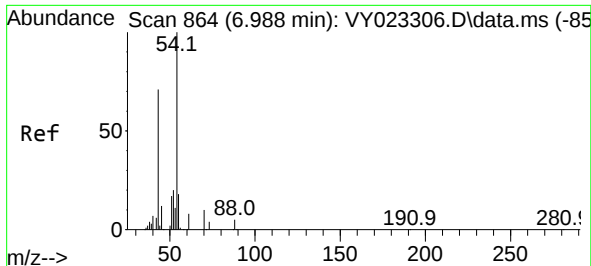


#36
1,1-Dichloropropene
Concen: 20.030 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08



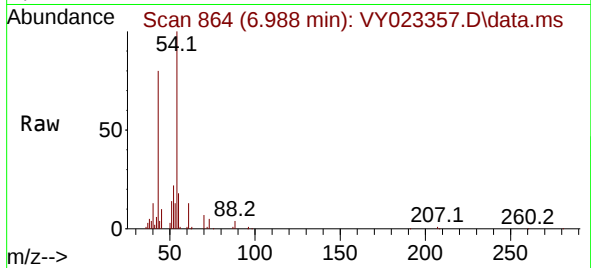
Tgt Ion: 75 Resp: 131597
Ion Ratio Lower Upper
75 100
110 38.7 18.1 54.4
77 31.1 24.6 37.0





#37
Ethyl Acetate
Concen: 19.048 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

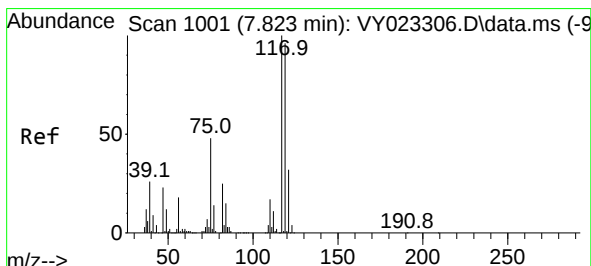
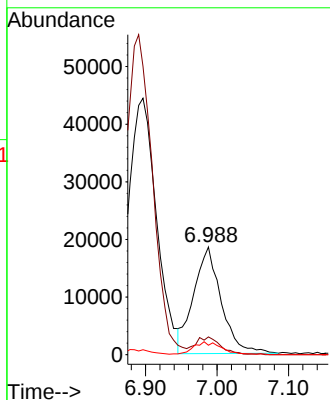
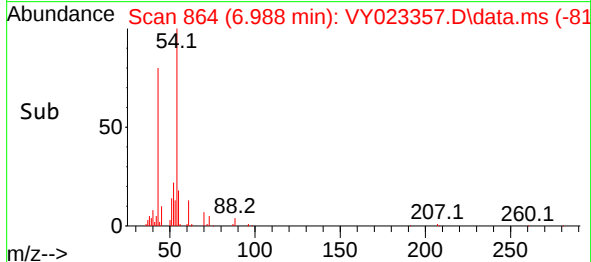
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01



Tgt Ion: 43 Resp: 49784
Ion Ratio Lower Upper
43 100
61 14.2 11.9 17.9
70 12.5 8.8 13.2

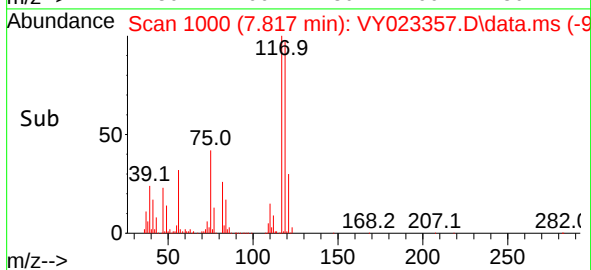
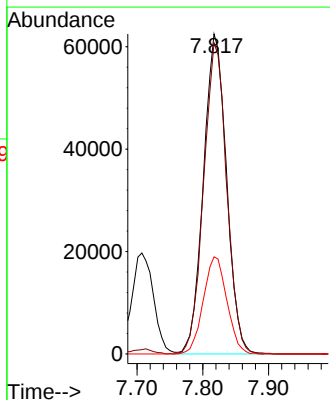
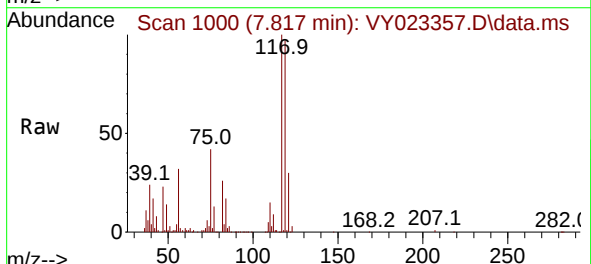
Manual Integrations
APPROVED

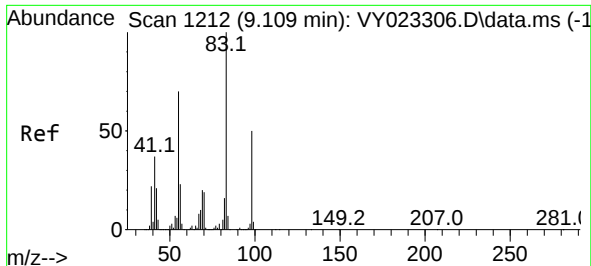
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#38
Carbon Tetrachloride
Concen: 20.225 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

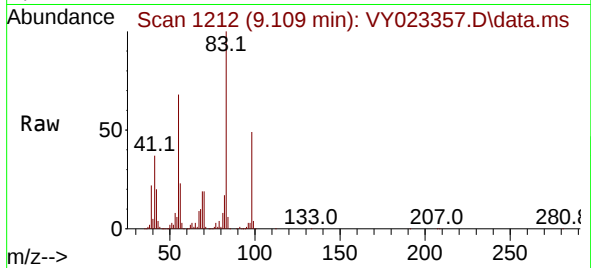
Tgt Ion:117 Resp: 152901
Ion Ratio Lower Upper
117 100
119 97.2 75.6 113.4
121 30.4 25.8 38.8





#39
Methylcyclohexane
Concen: 19.617 ug/l
RT: 9.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

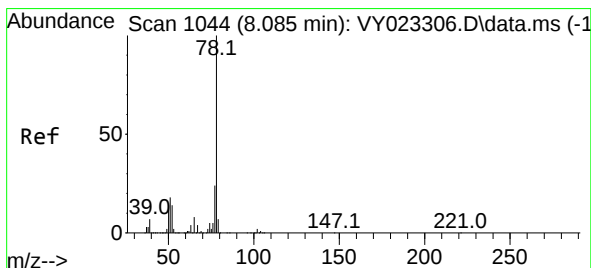
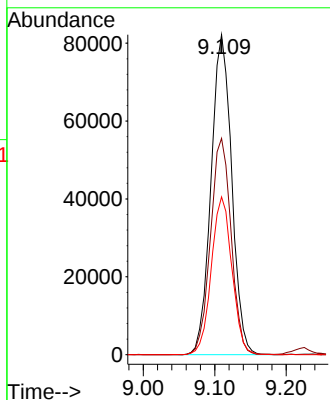
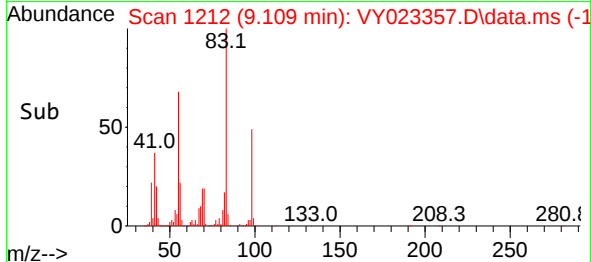
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01



Tgt Ion: 83 Resp: 16488
Ion Ratio Lower Upper
83 100
55 67.6 57.6 86.4
98 49.3 39.2 58.8

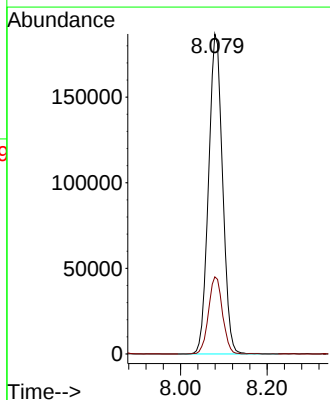
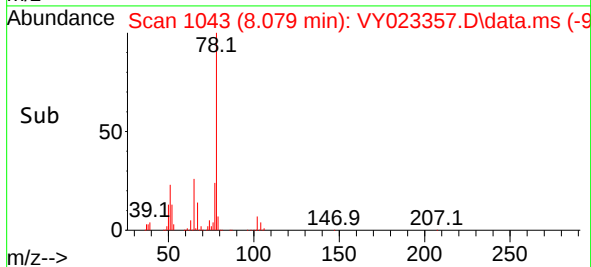
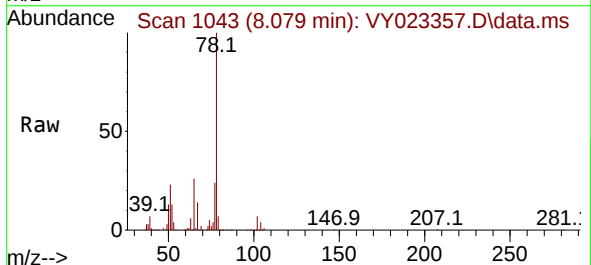
Manual Integrations
APPROVED

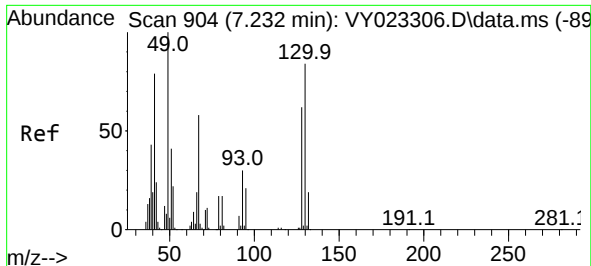
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#40
Benzene
Concen: 20.537 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

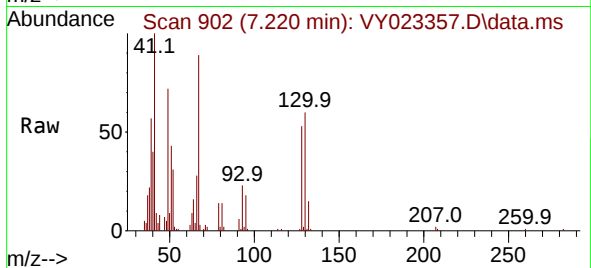
Tgt Ion: 78 Resp: 419404
Ion Ratio Lower Upper
78 100
77 24.1 18.6 28.0





#41
Methacrylonitrile
Concen: 19.778 ug/l m
RT: 7.220 min Scan# 904
Delta R.T. 0.000 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

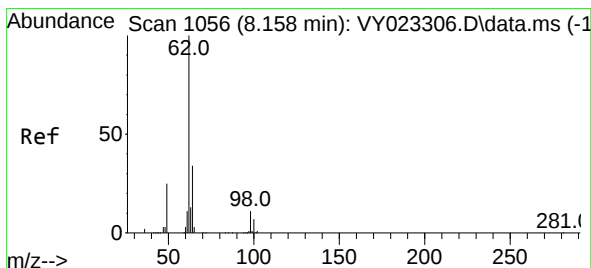
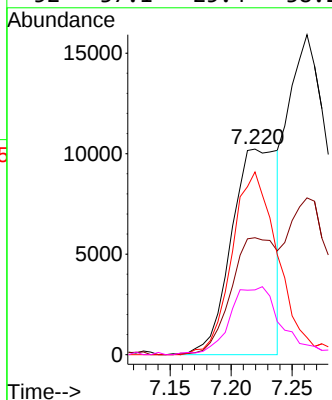
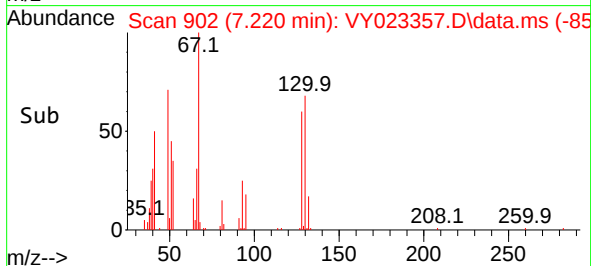
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01



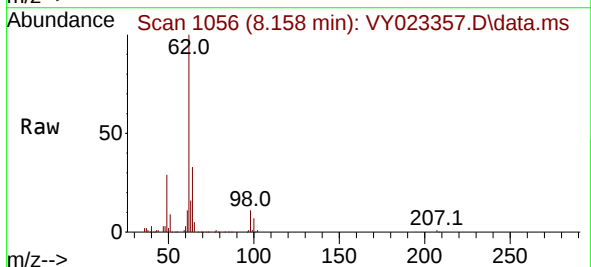
Tgt Ion: 41 Resp: 26768
Ion Ratio Lower Upper
41 100
39 56.1 43.4 65.2
67 91.3 63.6 95.4
52 37.1 25.4 38.2

Manual Integrations
APPROVED

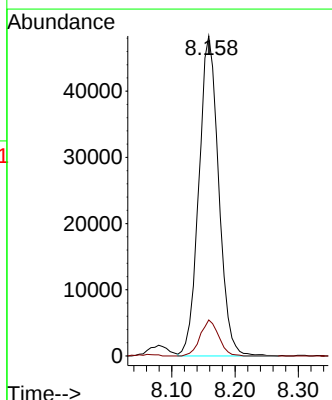
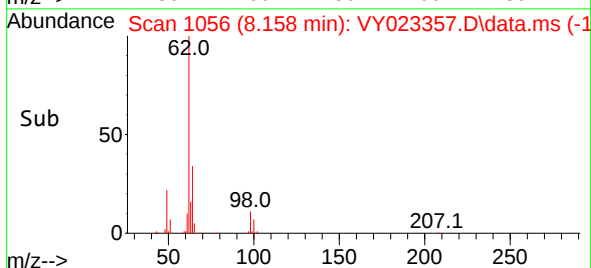
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025

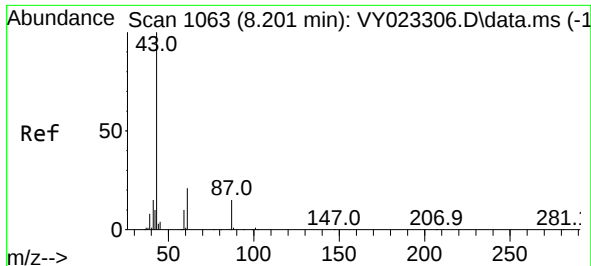


#42
1,2-Dichloroethane
Concen: 20.268 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08



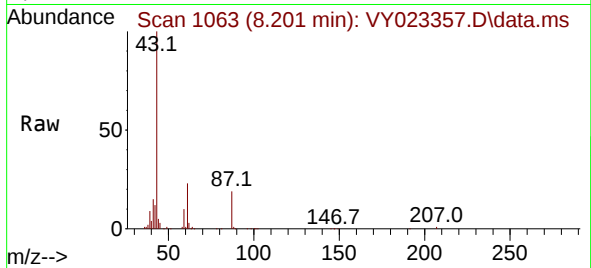
Tgt Ion: 62 Resp: 105380
Ion Ratio Lower Upper
62 100
98 10.5 0.0 20.6





#43
Isopropyl Acetate
Concen: 18.823 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

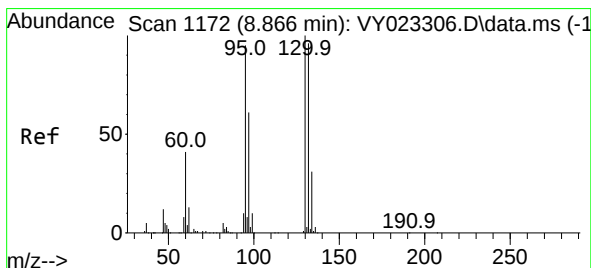
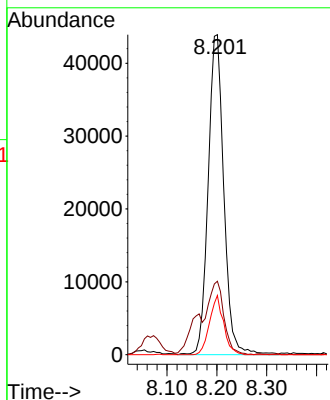
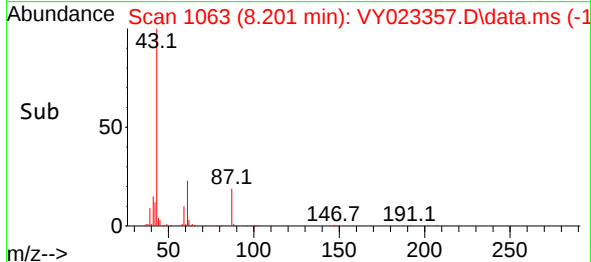
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01



Tgt Ion: 43 Resp: 9568
Ion Ratio Lower Upper
43 100
61 23.6 16.4 24.6
87 16.6 11.8 17.6

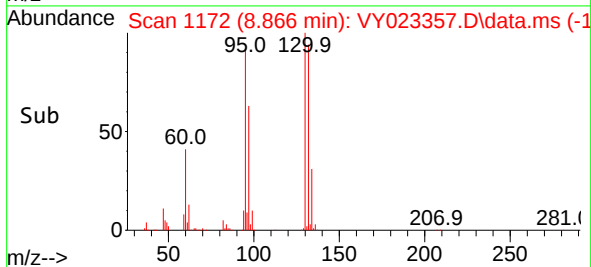
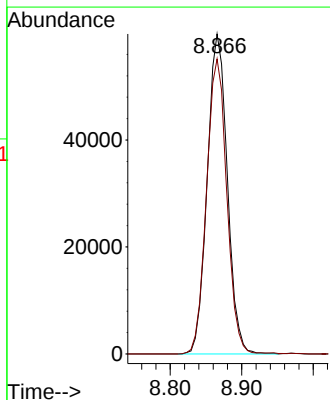
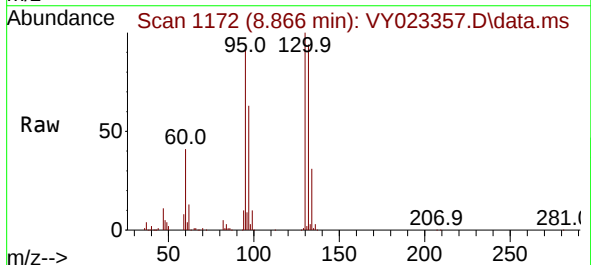
Manual Integrations
APPROVED

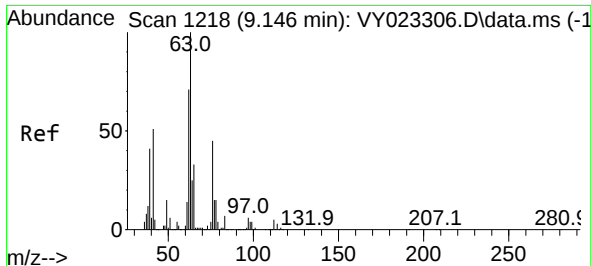
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#44
Trichloroethene
Concen: 20.503 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

Tgt Ion:130 Resp: 116626
Ion Ratio Lower Upper
130 100
95 92.2 0.0 190.2





#45

1,2-Dichloropropane

Concen: 20.351 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023357.D

Acq: 12 Sep 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0912SBS01

Tgt Ion: 63 Resp: 9386

Ion Ratio Lower Upper

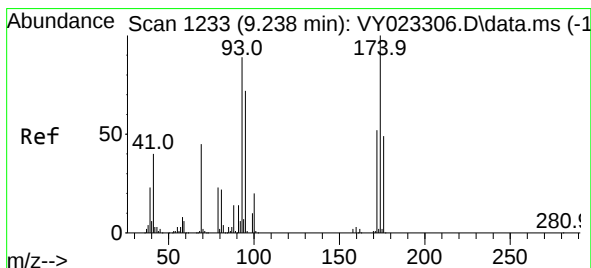
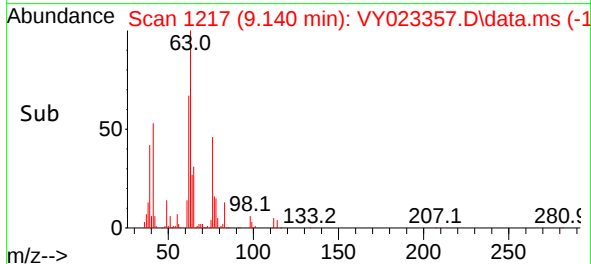
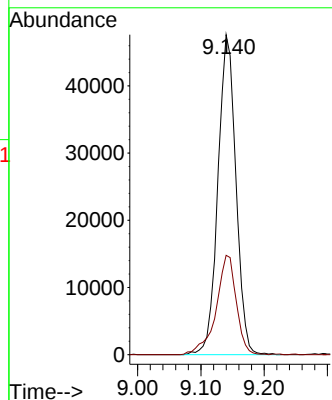
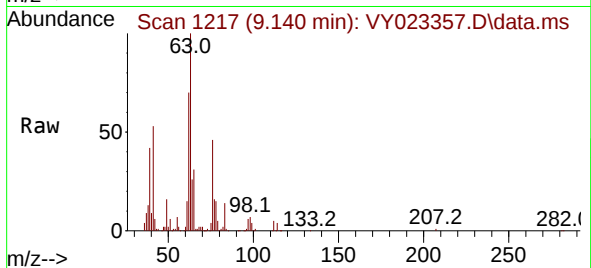
63 100

65 31.0 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#46

Dibromomethane

Concen: 20.276 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023357.D

Acq: 12 Sep 2025 10:08

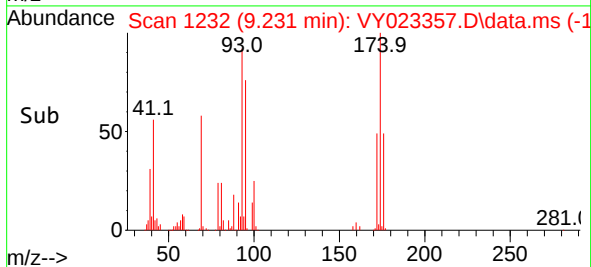
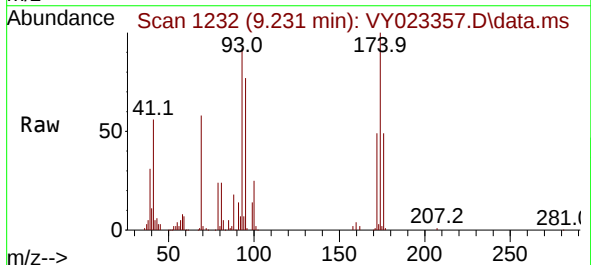
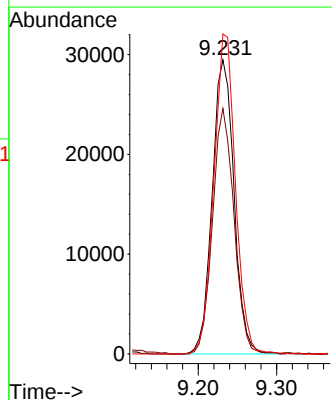
Tgt Ion: 93 Resp: 56951

Ion Ratio Lower Upper

93 100

95 82.4 66.5 99.7

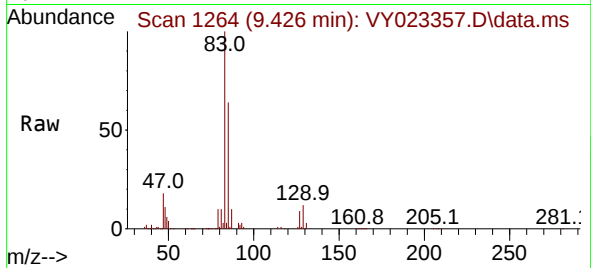
174 107.9 81.8 122.8





#47
Bromodichloromethane
Concen: 20.408 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

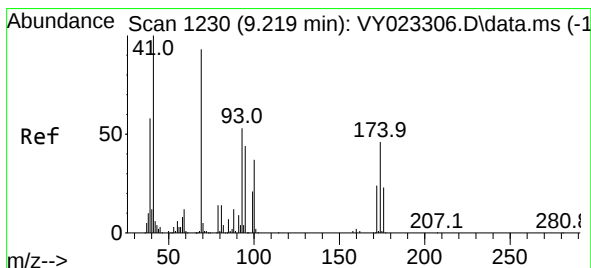
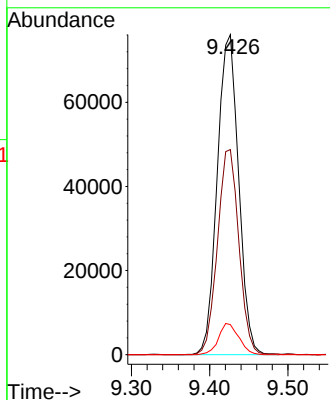
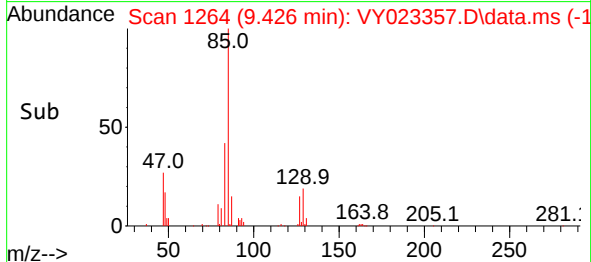
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01



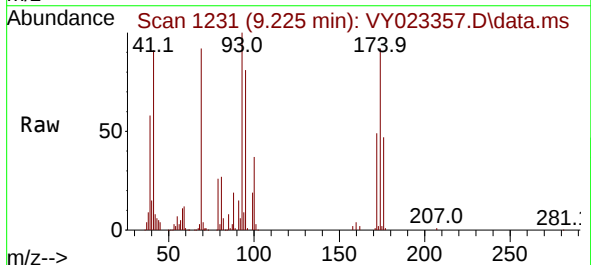
Tgt Ion: 83 Resp: 144208
Ion Ratio Lower Upper
83 100
85 64.1 50.2 75.4
127 9.4 6.6 10.0

Manual Integrations
APPROVED

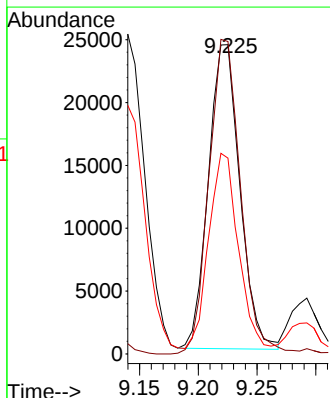
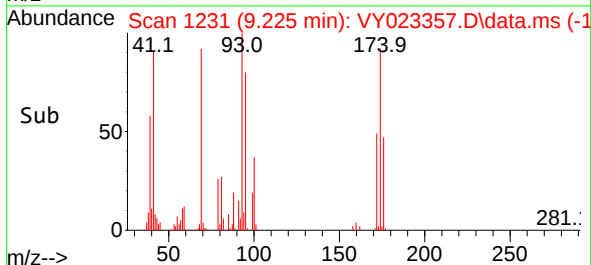
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025

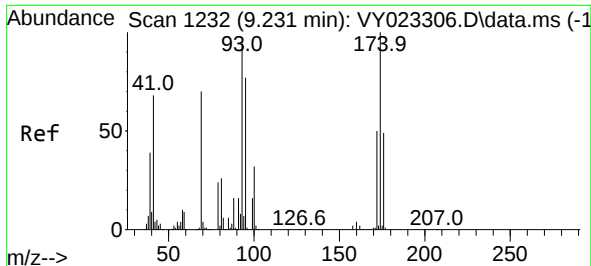


#48
Methyl methacrylate
Concen: 19.048 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.012 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08



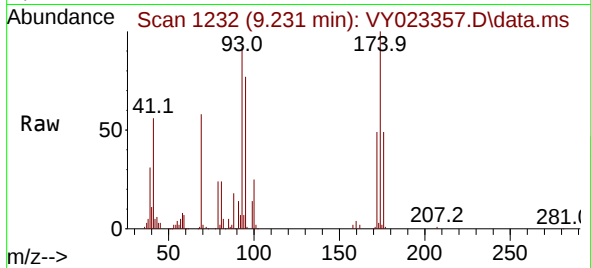
Tgt Ion: 41 Resp: 45131
Ion Ratio Lower Upper
41 100
69 103.9 73.2 109.8
39 60.3 47.0 70.4





#49
1,4-Dioxane
Concen: 429.930 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

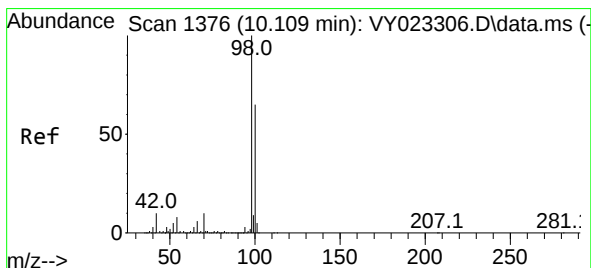
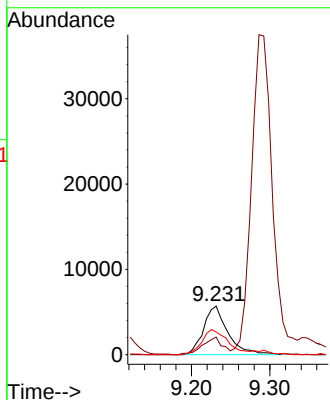
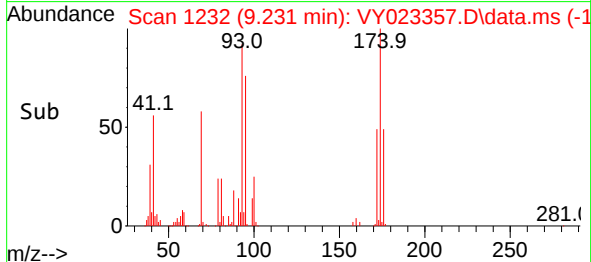
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01



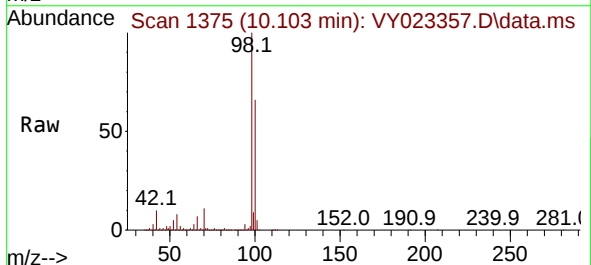
Tgt Ion: 88 Resp: 12258
Ion Ratio Lower Upper
88 100
43 29.5 24.3 36.5
58 55.3 55.4 83.0

Manual Integrations
APPROVED

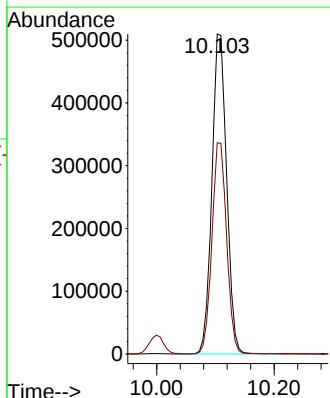
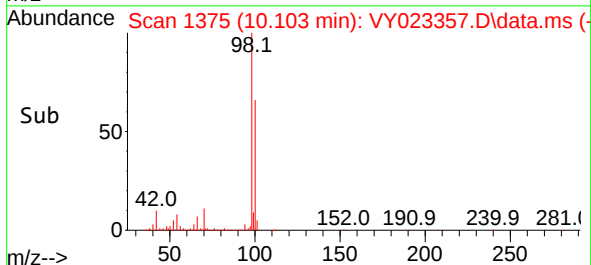
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025

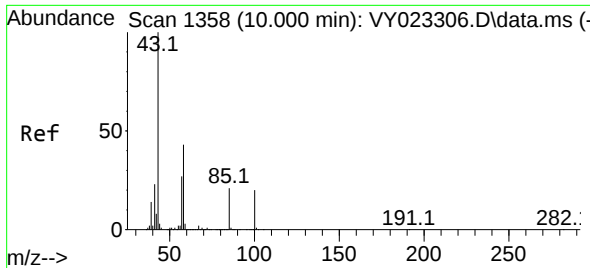


#50
Toluene-d8
Concen: 50.886 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08



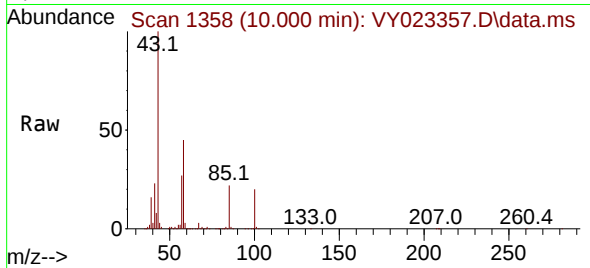
Tgt Ion: 98 Resp: 886366
Ion Ratio Lower Upper
98 100
100 65.9 52.3 78.5





#51
4-Methyl-2-Pentanone
Concen: 97.009 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

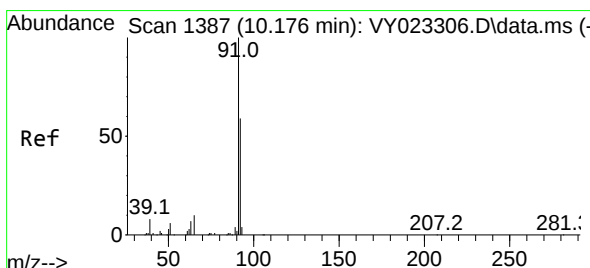
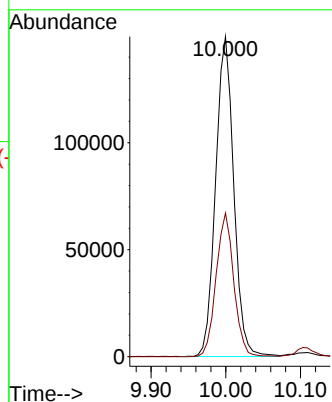
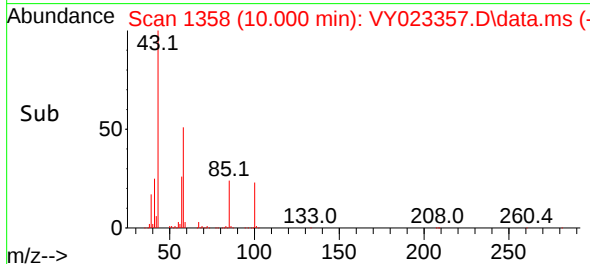
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01



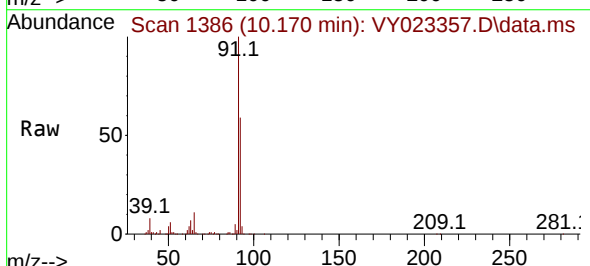
Tgt Ion: 43 Resp: 25228
Ion Ratio Lower Upper
43 100
58 43.9 33.5 50.3

Manual Integrations
APPROVED

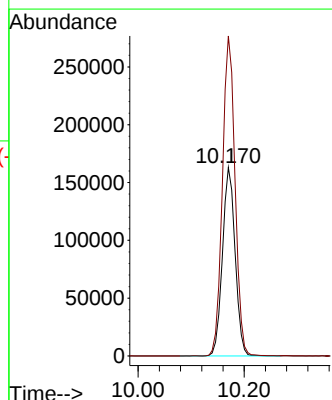
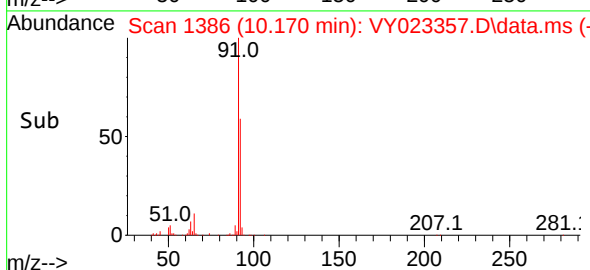
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025

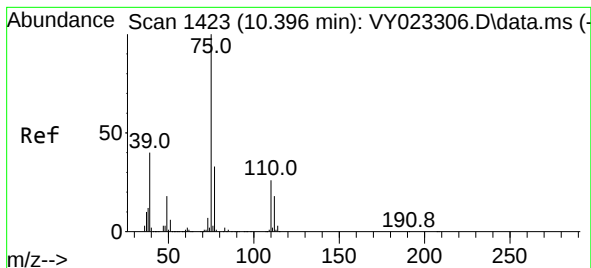


#52
Toluene
Concen: 20.840 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08



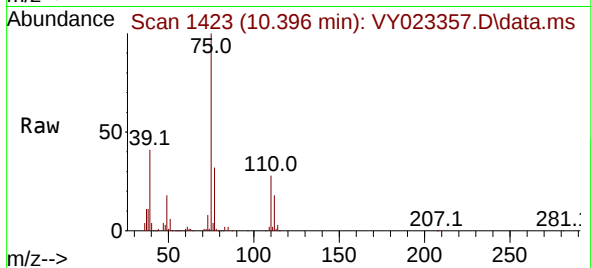
Tgt Ion: 92 Resp: 270082
Ion Ratio Lower Upper
92 100
91 169.3 136.4 204.6





#53
t-1,3-Dichloropropene
Concen: 20.115 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

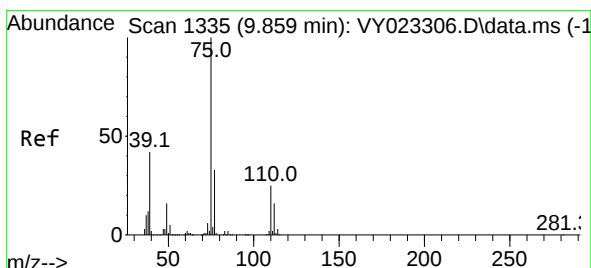
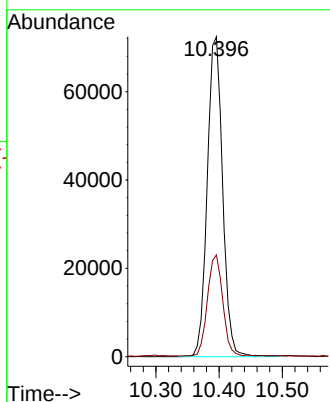
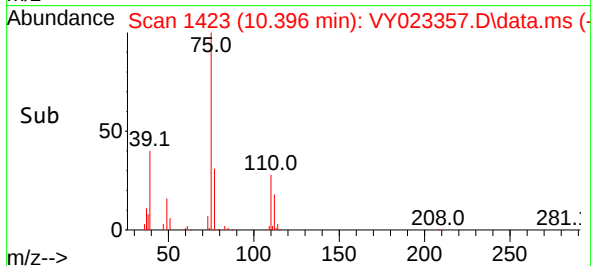
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01



Tgt Ion: 75 Resp: 122372
Ion Ratio Lower Upper
75 100
77 31.6 25.7 38.5

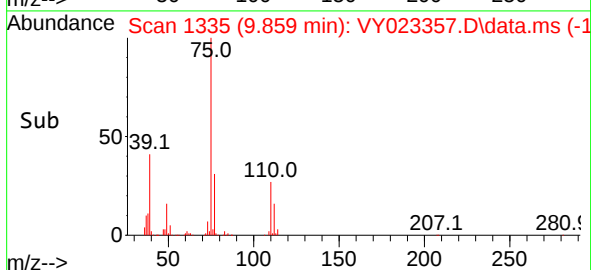
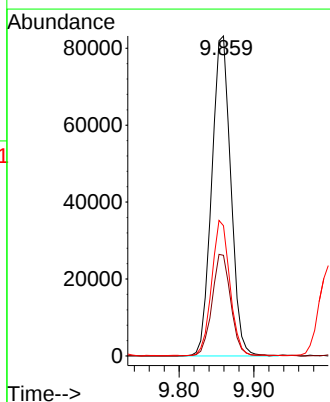
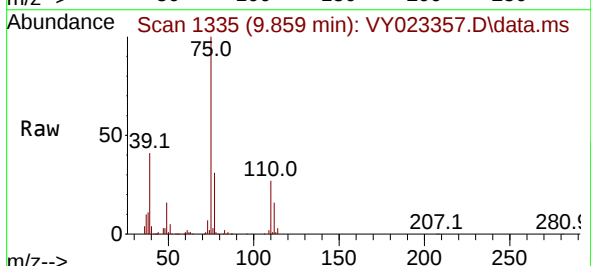
Manual Integrations
APPROVED

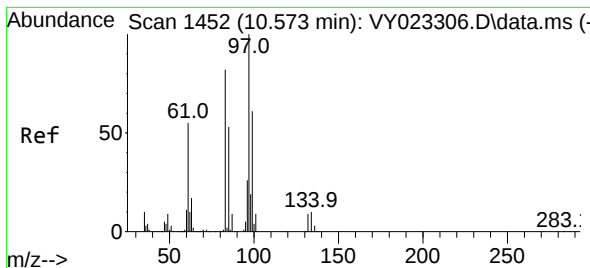
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#54
cis-1,3-Dichloropropene
Concen: 20.303 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

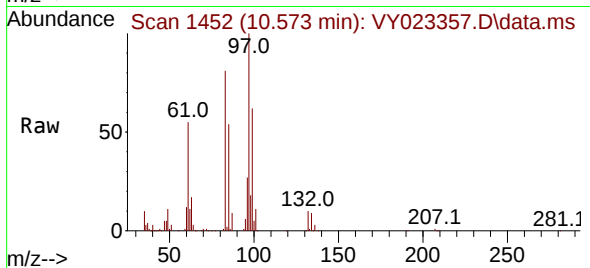
Tgt Ion: 75 Resp: 147593
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0
39 40.5 35.6 53.4





#55
1,1,2-Trichloroethane
Concen: 20.412 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

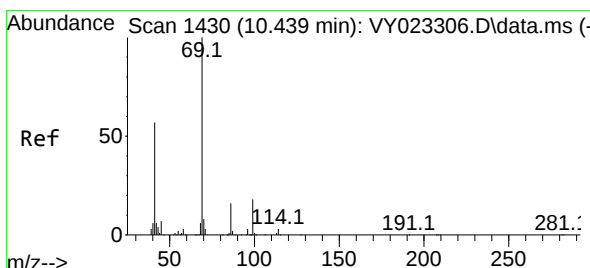
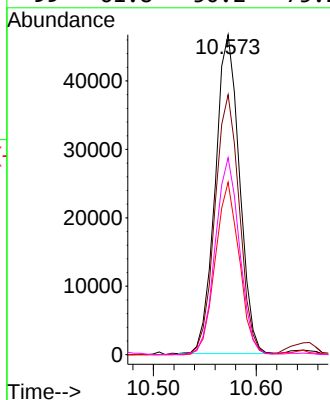
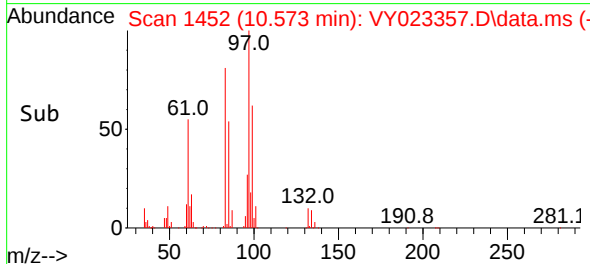
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01



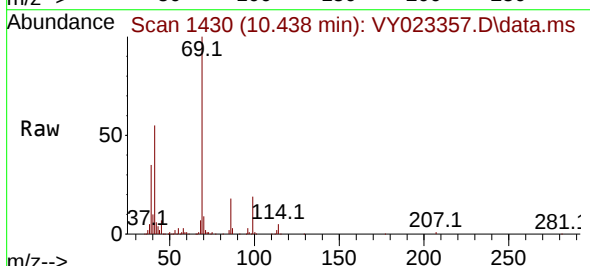
Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.4	67.7	101.5
85	54.1	44.5	66.7
99	61.8	50.2	75.2

Manual Integrations
APPROVED

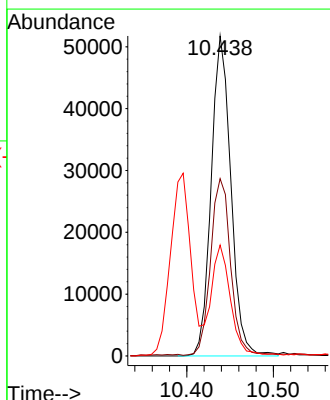
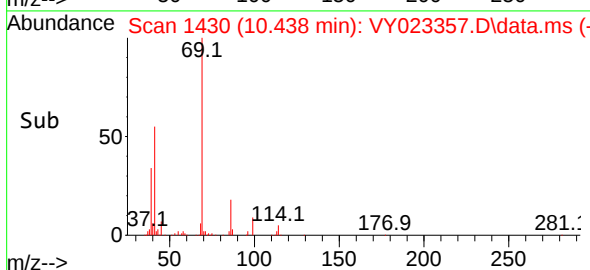
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025

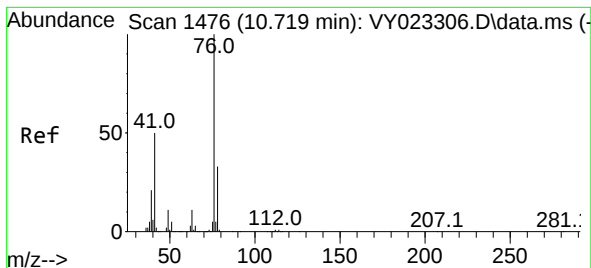


#56
Ethyl methacrylate
Concen: 18.918 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08



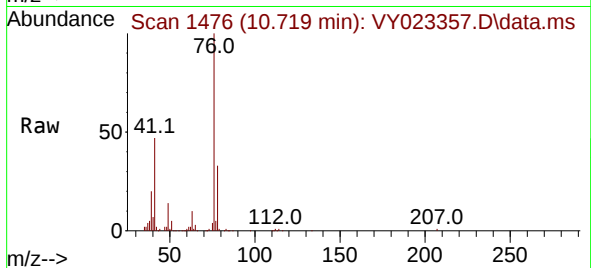
Tgt Ion	Ratio	Lower	Upper
69	100		
41	56.2	48.6	72.8
39	34.4	27.0	40.4





#57
1,3-Dichloropropane
Concen: 20.507 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

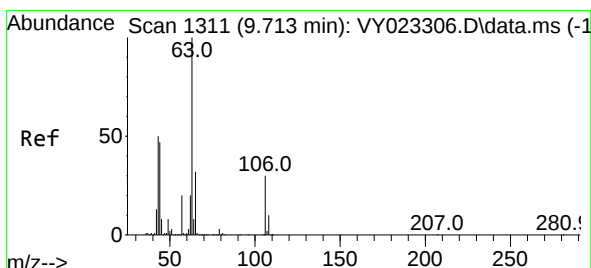
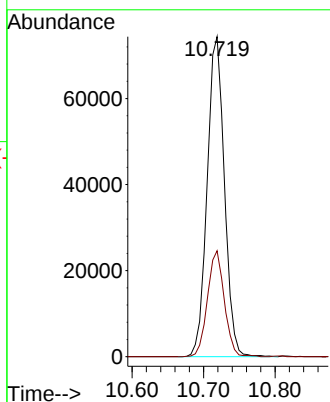
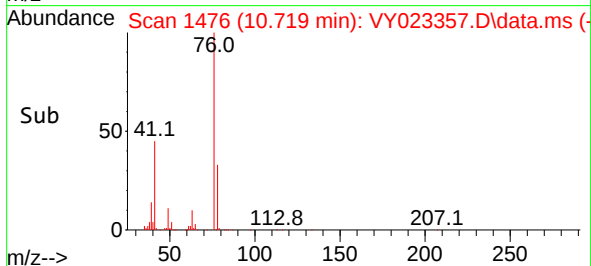
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01



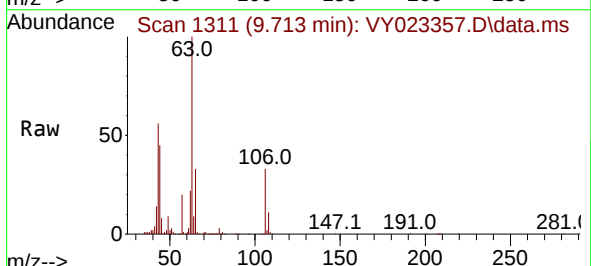
Tgt Ion: 76 Resp: 124380
Ion Ratio Lower Upper
76 100
78 32.4 26.0 39.0

Manual Integrations
APPROVED

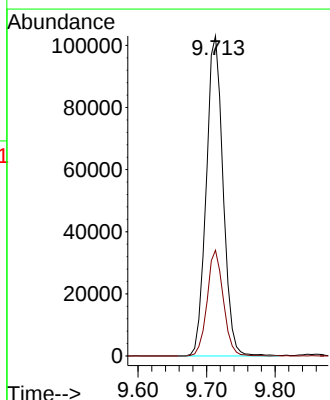
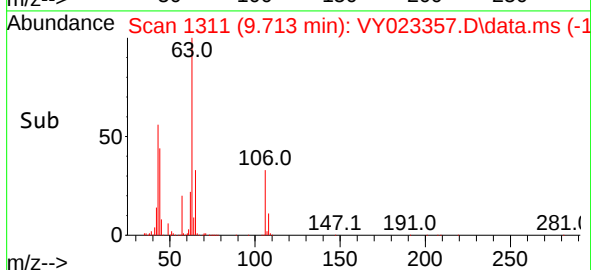
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025

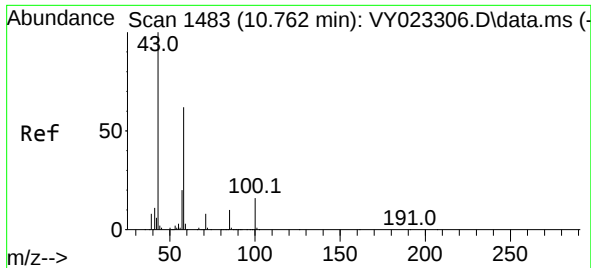


#58
2-Chloroethyl Vinyl ether
Concen: 93.213 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08



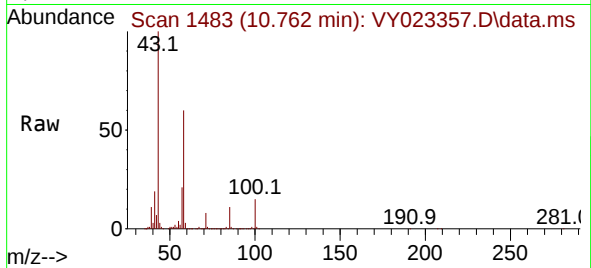
Tgt Ion: 63 Resp: 175856
Ion Ratio Lower Upper
63 100
106 31.8 23.2 34.8





#59
2-Hexanone
Concen: 98.690 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

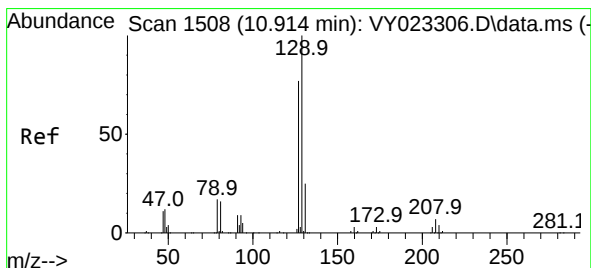
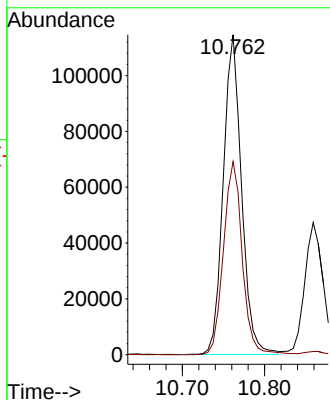
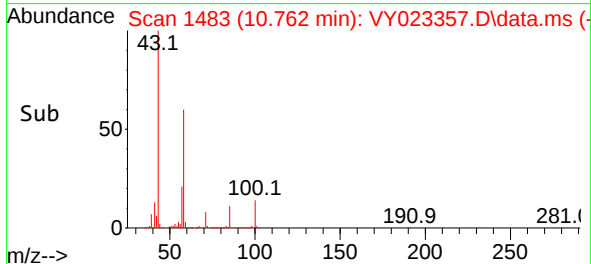
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01



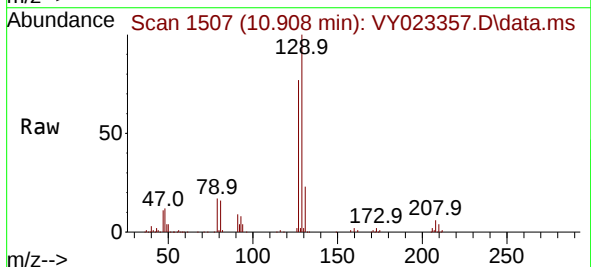
Tgt Ion: 43 Resp: 17742
Ion Ratio Lower Upper
43 100
58 62.0 29.5 88.5

Manual Integrations
APPROVED

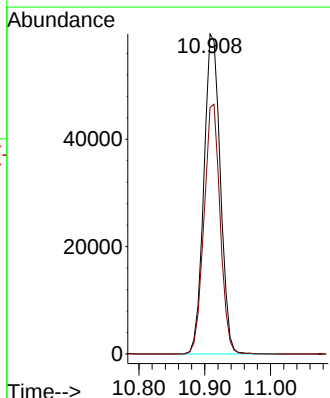
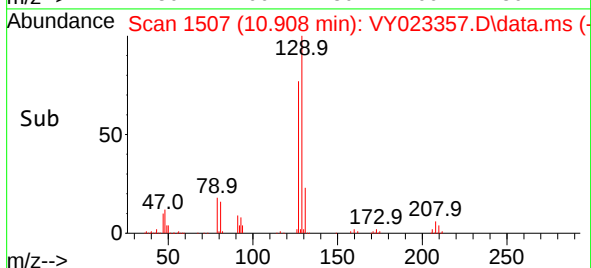
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025

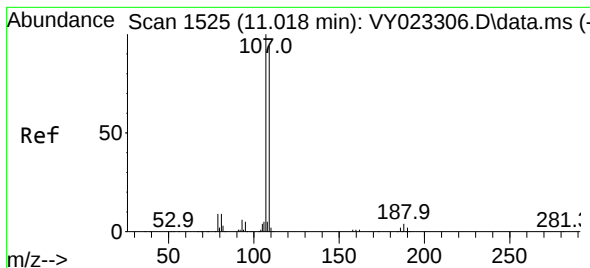


#60
Dibromochloromethane
Concen: 20.450 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08



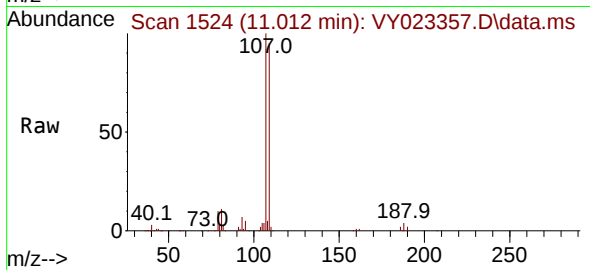
Tgt Ion:129 Resp: 103671
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5





#61
1,2-Dibromoethane
Concen: 20.033 ug/l
RT: 11.012 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

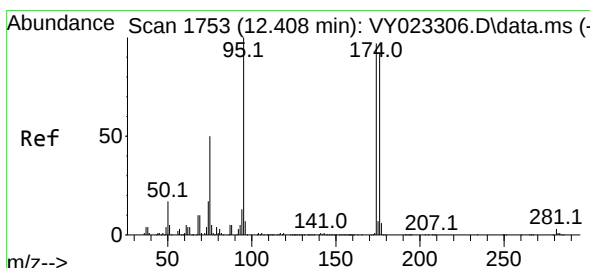
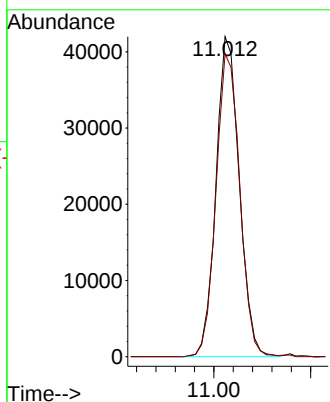
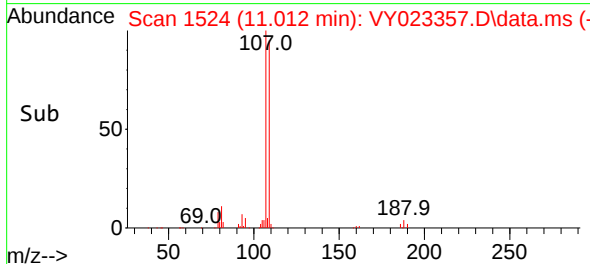
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01



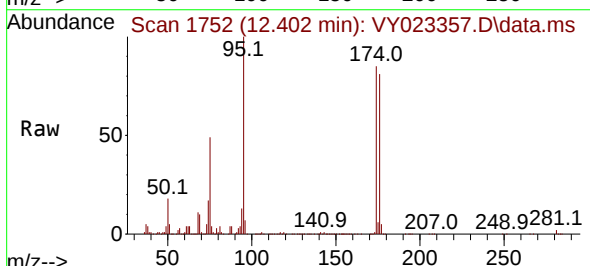
Tgt Ion:107 Resp: 70135
Ion Ratio Lower Upper
107 100
109 96.8 75.6 113.4

Manual Integrations
APPROVED

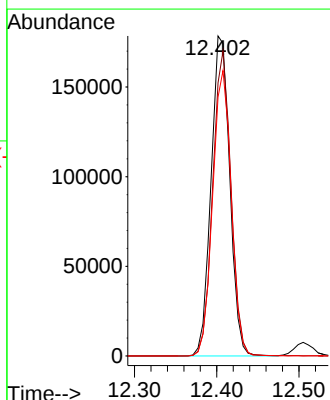
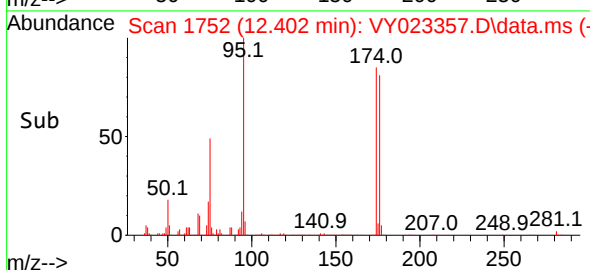
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025

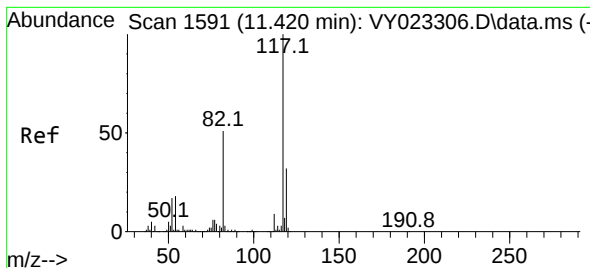


#62
4-Bromofluorobenzene
Concen: 51.436 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08



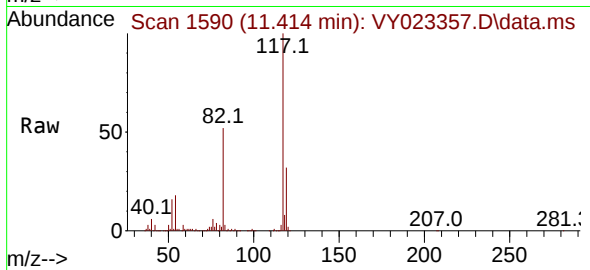
Tgt Ion: 95 Resp: 281954
Ion Ratio Lower Upper
95 100
174 93.1 0.0 171.6
176 88.9 0.0 167.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

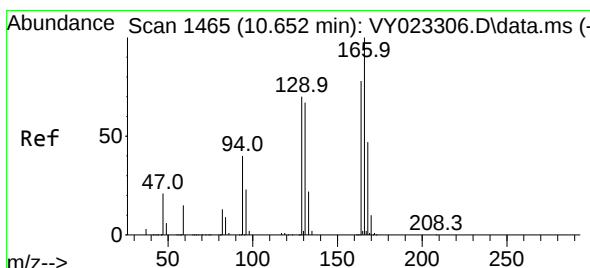
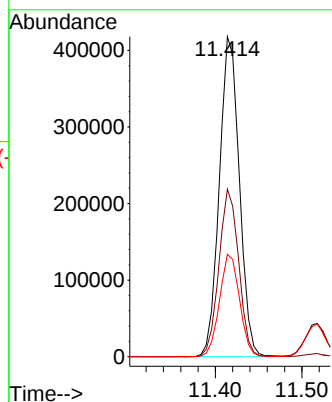
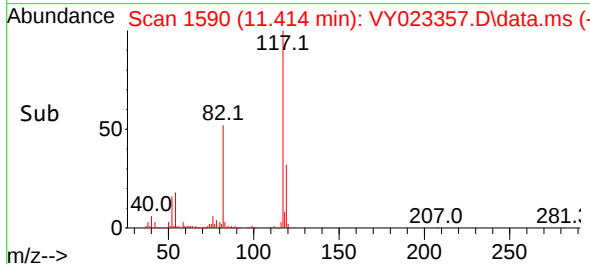
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01



Tgt Ion:117 Resp: 67037
Ion Ratio Lower Upper
117 100
82 52.3 43.4 65.0
119 32.0 25.6 38.4

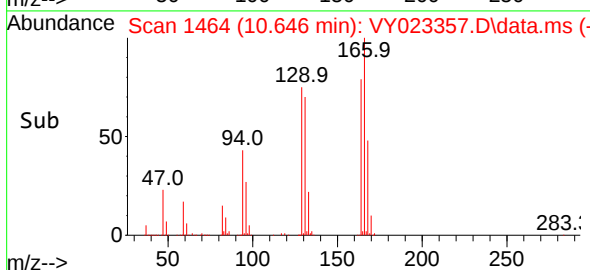
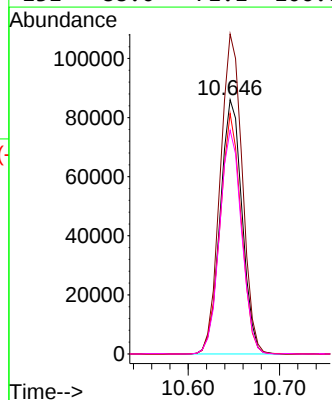
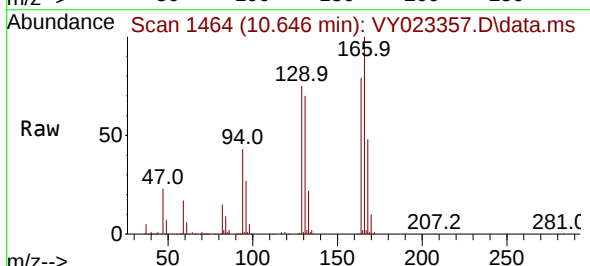
Manual Integrations
APPROVED

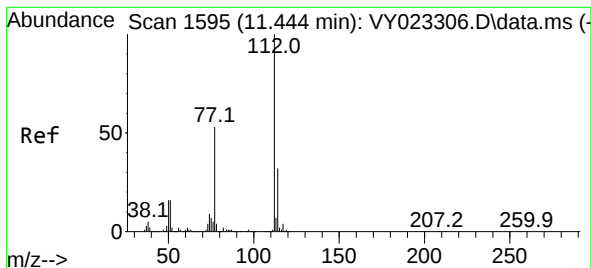
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#64
Tetrachloroethene
Concen: 21.424 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

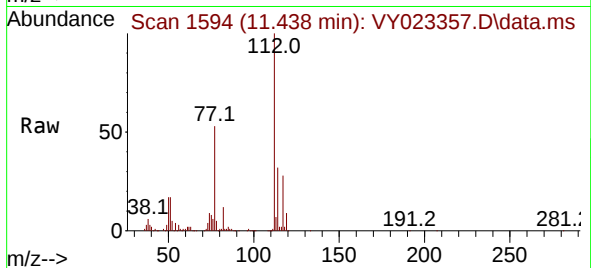
Tgt Ion:164 Resp: 143142
Ion Ratio Lower Upper
164 100
166 125.9 101.1 151.7
129 94.6 74.0 111.0
131 88.0 71.1 106.7





#65
Chlorobenzene
Concen: 20.273 ug/l
RT: 11.438 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

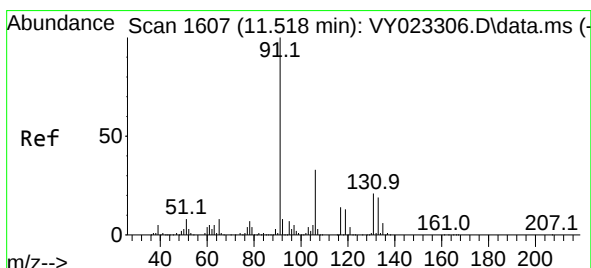
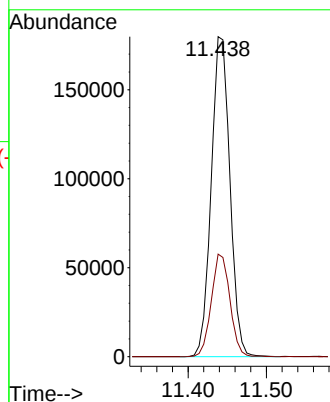
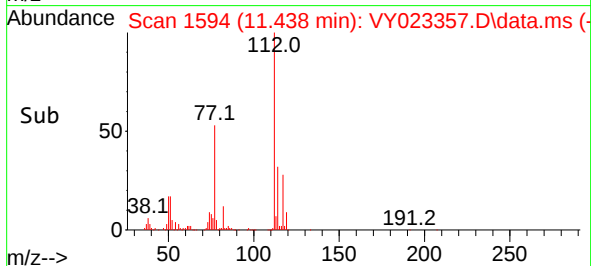
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01



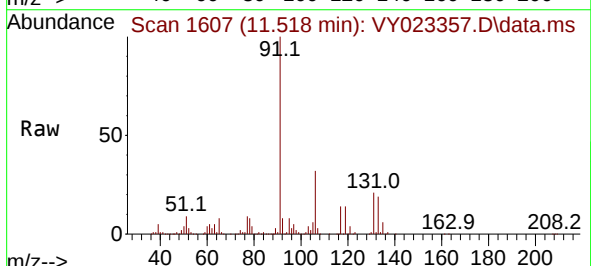
Tgt Ion:112 Resp: 297730
Ion Ratio Lower Upper
112 100
114 32.1 27.0 40.4

Manual Integrations
APPROVED

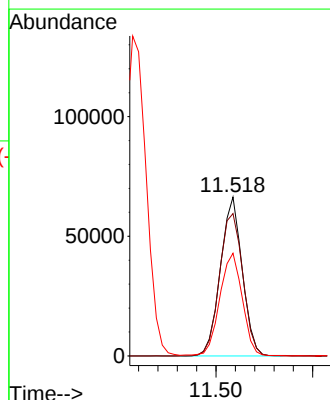
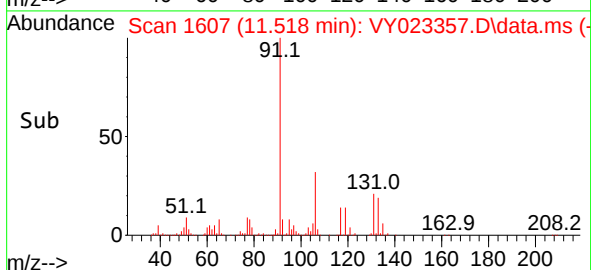
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025

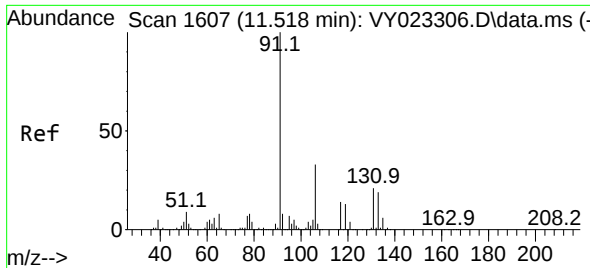


#66
1,1,1,2-Tetrachloroethane
Concen: 20.089 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08



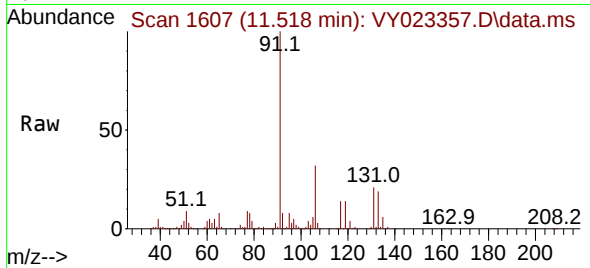
Tgt Ion:131 Resp: 103557
Ion Ratio Lower Upper
131 100
133 96.6 46.9 140.6
119 67.0 33.2 99.6





#67
Ethyl Benzene
Concen: 19.924 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

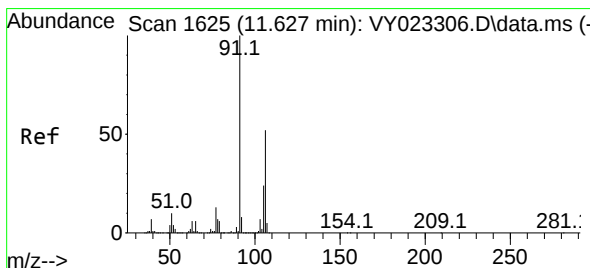
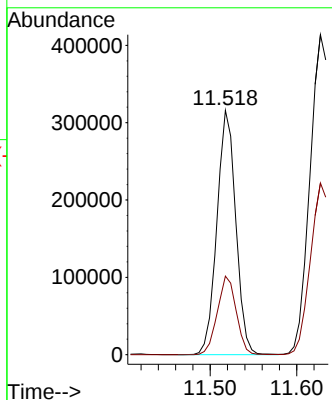
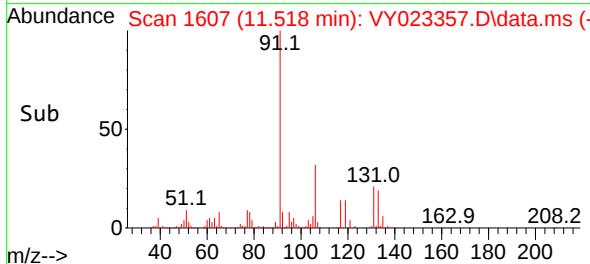
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01



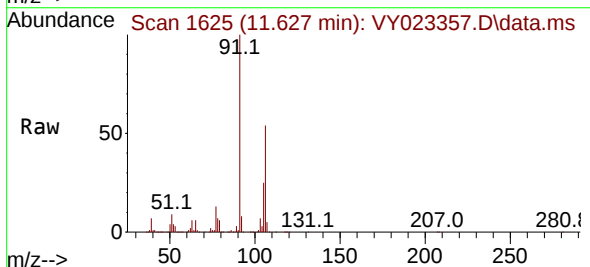
Tgt Ion: 91 Resp: 478039
Ion Ratio Lower Upper
91 100
106 32.1 25.0 37.4

Manual Integrations
APPROVED

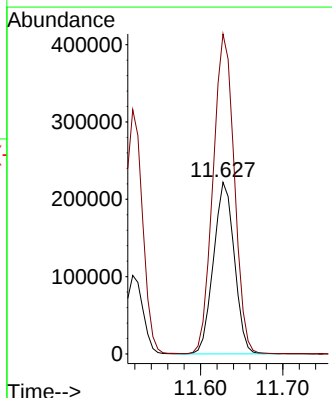
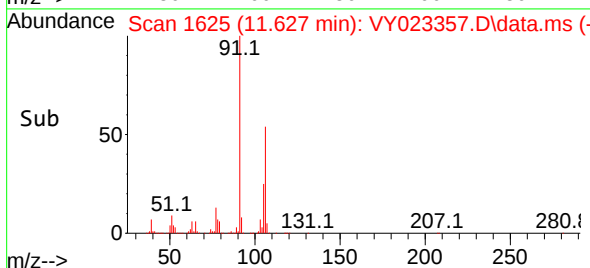
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025

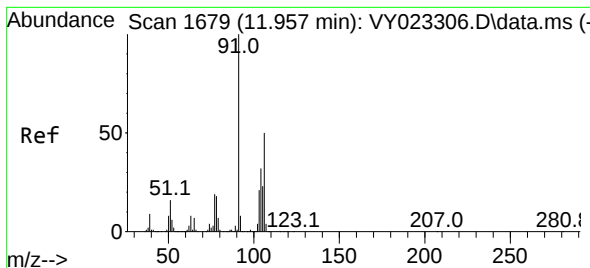


#68
m/p-Xylenes
Concen: 40.710 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08



Tgt Ion:106 Resp: 391113
Ion Ratio Lower Upper
106 100
91 189.9 158.6 238.0





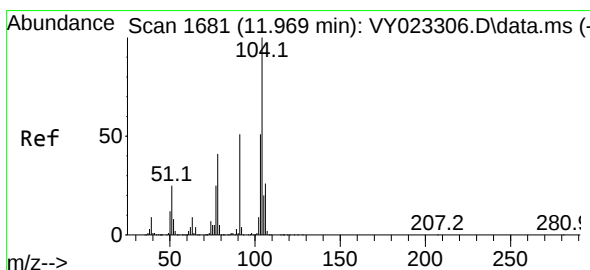
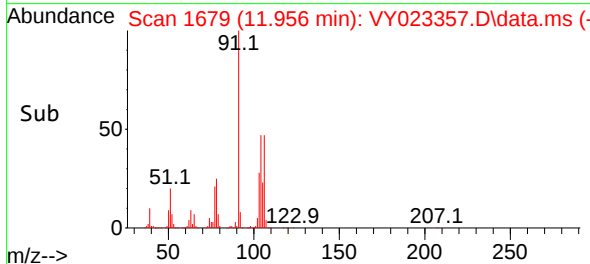
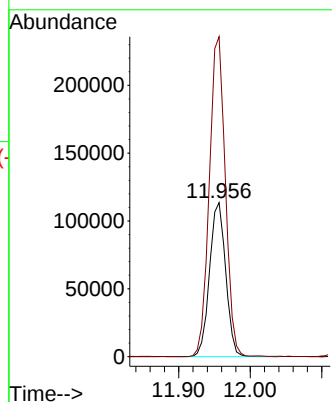
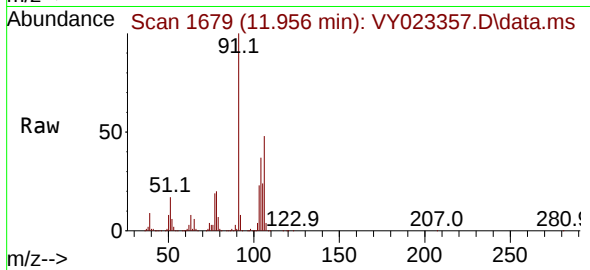
#69
o-Xylene
Concen: 19.996 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01

Tgt Ion:106 Resp: 177839
Ion Ratio Lower Upper
106 100
91 205.9 103.2 309.4

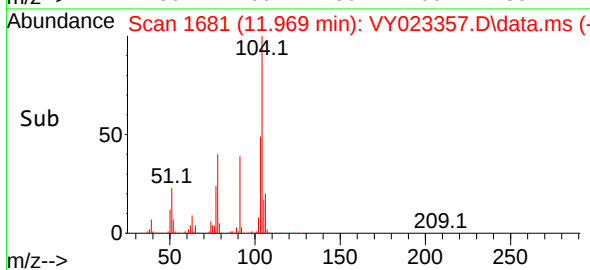
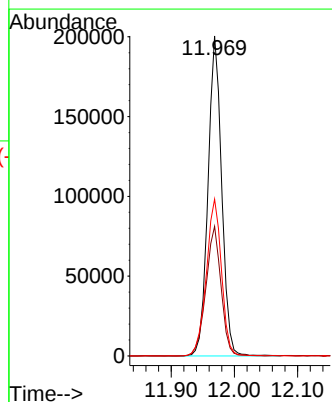
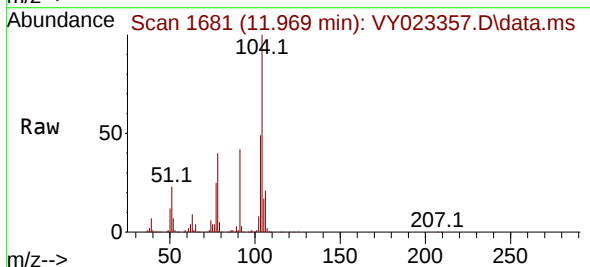
Manual Integrations
APPROVED

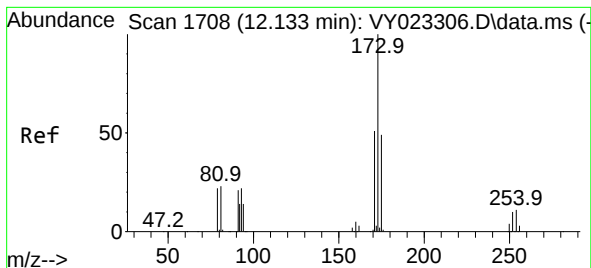
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#70
Styrene
Concen: 20.508 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

Tgt Ion:104 Resp: 302287
Ion Ratio Lower Upper
104 100
78 44.8 38.5 57.7
103 54.3 43.7 65.5





#71

Bromoform

Concen: 20.083 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023357.D

Acq: 12 Sep 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0912SBS01

Tgt Ion:173 Resp: 6165

Ion Ratio Lower Upper

173 100

175 48.6 23.9 71.7

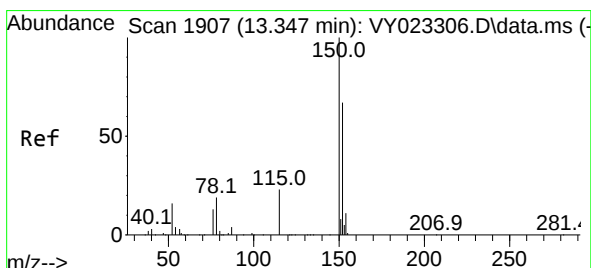
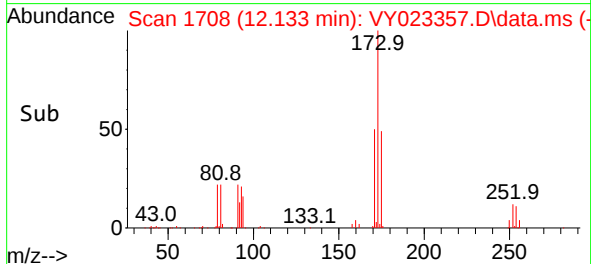
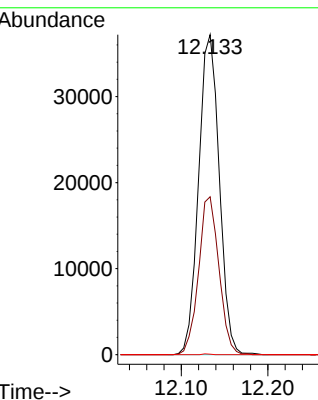
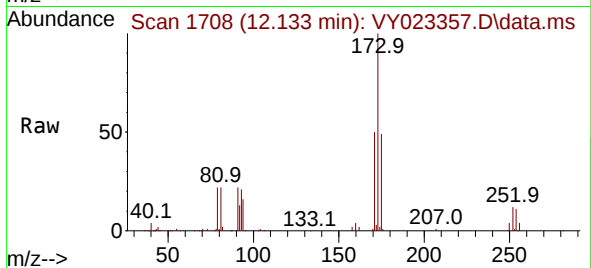
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/15/2025

Supervised By :Semsettin Yesilyurt 09/15/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY023357.D

Acq: 12 Sep 2025 10:08

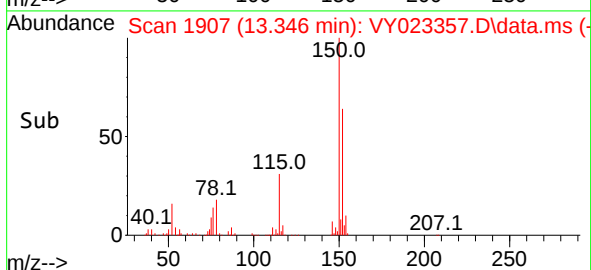
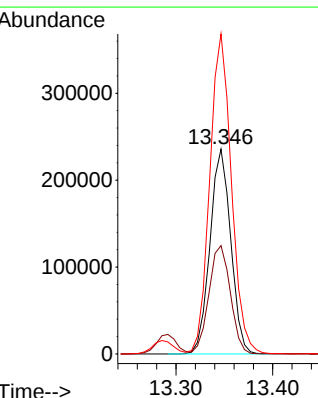
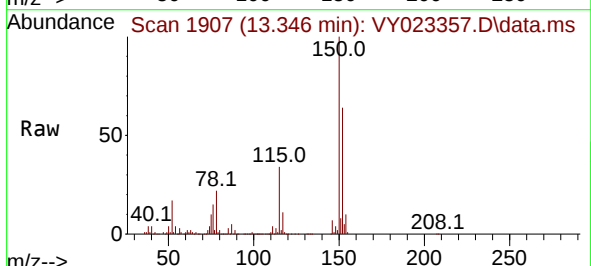
Tgt Ion:152 Resp: 351428

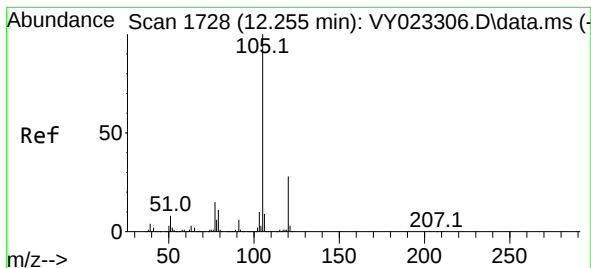
Ion Ratio Lower Upper

152 100

115 54.6 28.2 84.6

150 162.6 0.0 348.0





#73

Isopropylbenzene

Concen: 19.609 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.006 min

Lab File: VY023357.D

Acq: 12 Sep 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0912SBS01

Tgt Ion:105 Resp: 46418

Ion Ratio Lower Upper

105 100

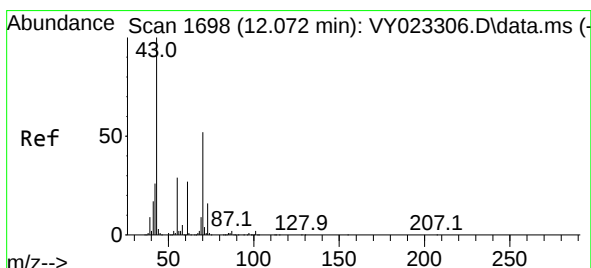
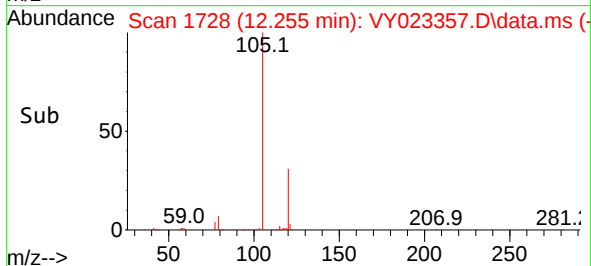
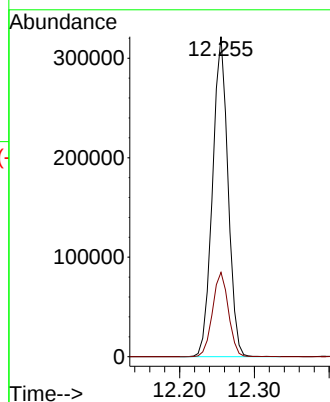
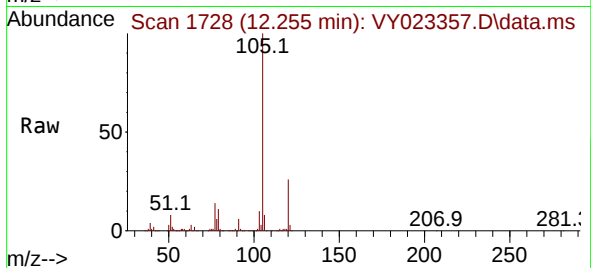
120 27.1 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/15/2025

Supervised By :Semsettin Yesilyurt 09/15/2025



#74

N-ethyl acetate

Concen: 17.836 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY023357.D

Acq: 12 Sep 2025 10:08

Tgt Ion: 43 Resp: 79808

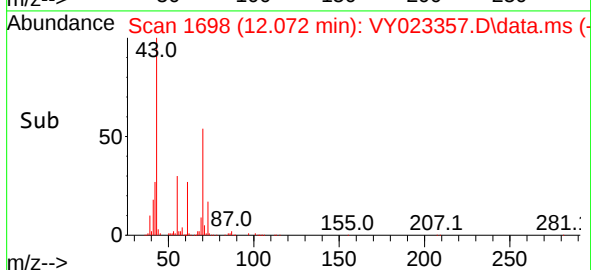
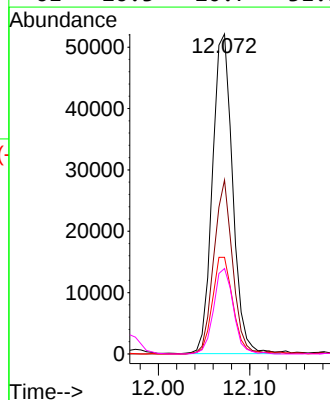
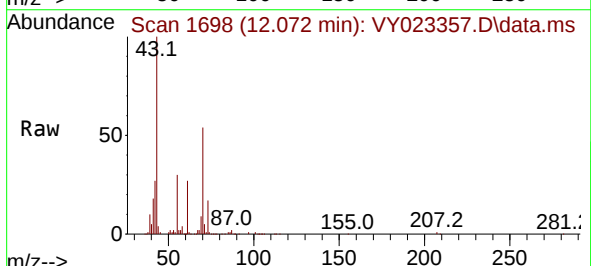
Ion Ratio Lower Upper

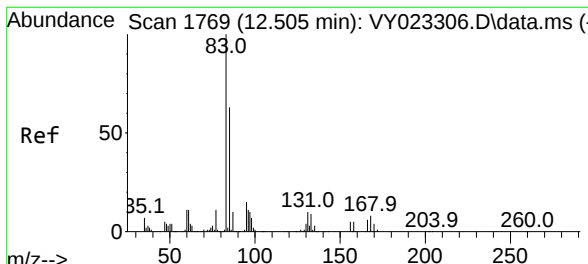
43 100

70 50.7 37.5 56.3

55 31.4 20.7 31.1#

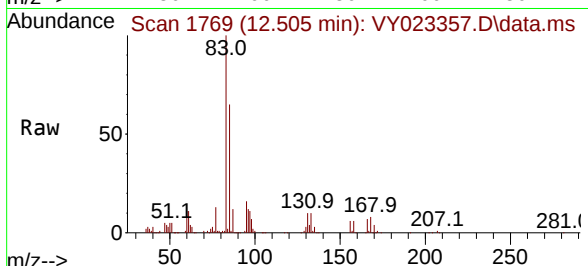
61 26.3 20.7 31.1





#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.713 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.006 min
 Lab File: VY023357.D
 Acq: 12 Sep 2025 10:08

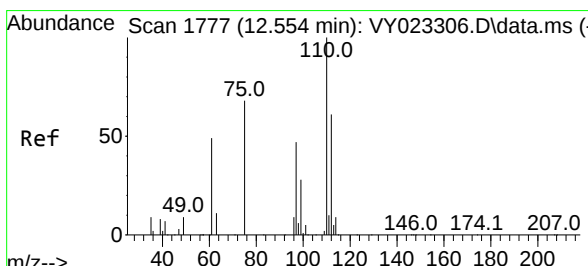
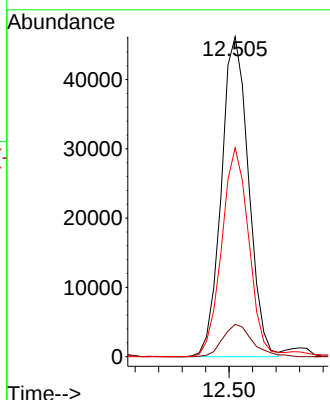
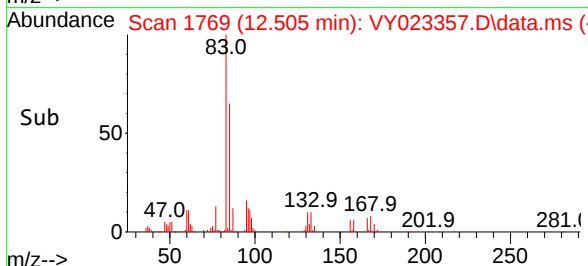
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0912SBS01



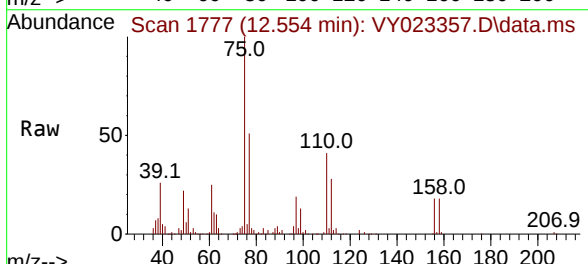
Tgt Ion: 83 Resp: 74340
 Ion Ratio Lower Upper
 83 100
 131 11.0 5.1 15.3
 85 65.1 31.8 95.3

Manual Integrations
 APPROVED

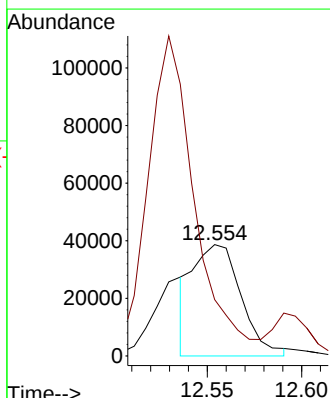
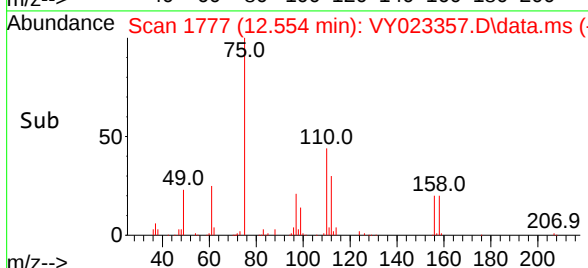
Reviewed By :Mahesh Dadoda 09/15/2025
 Supervised By :Semsettin Yesilyurt 09/15/2025

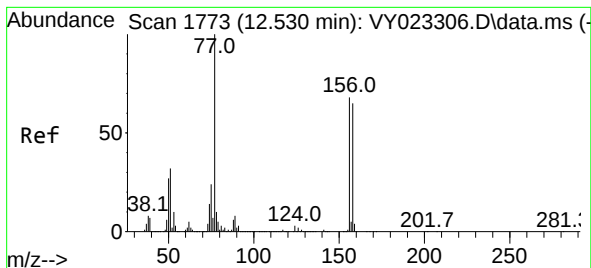


#76
 1,2,3-Trichloropropane
 Concen: 19.340 ug/l m
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.006 min
 Lab File: VY023357.D
 Acq: 12 Sep 2025 10:08



Tgt Ion: 75 Resp: 68828
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.481 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023357.D

Acq: 12 Sep 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

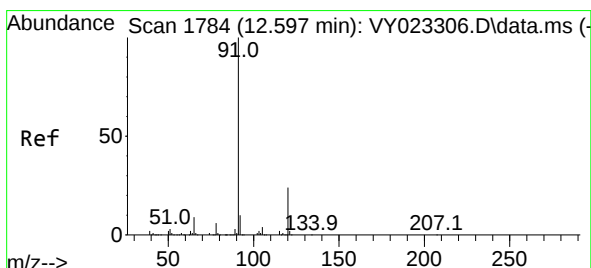
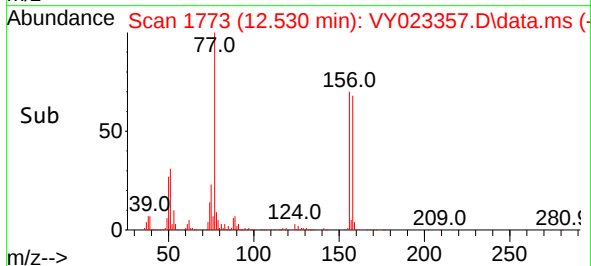
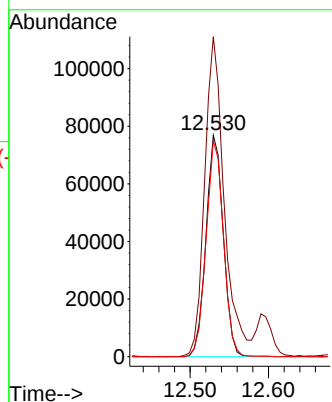
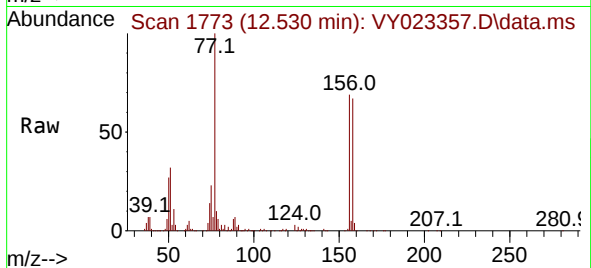
VY0912SBS01

Tgt Ion:	156	Resp:	11781
Ion Ratio	Lower	Upper	
156	100		
77	163.6	88.1	264.4
158	97.8	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#78

n-propylbenzene

Concen: 19.807 ug/l

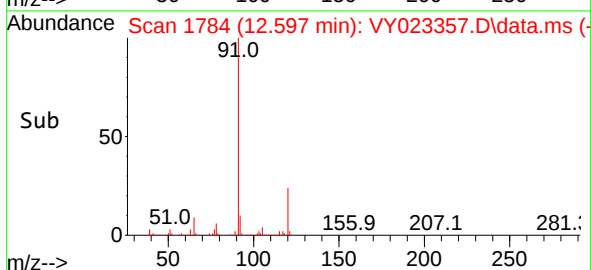
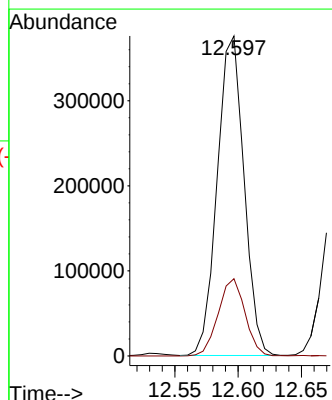
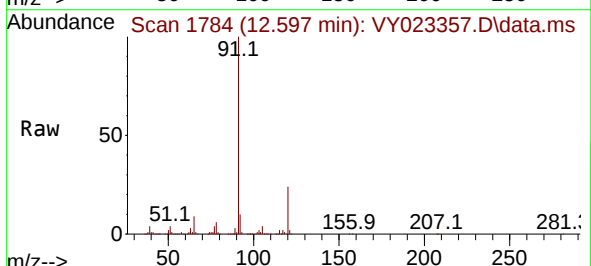
RT: 12.597 min Scan# 1784

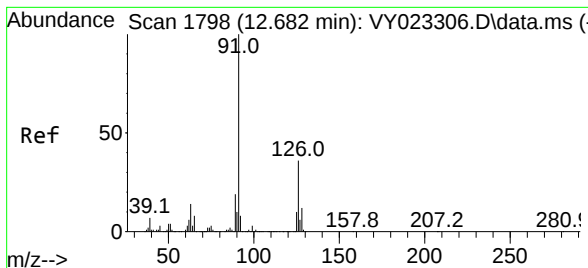
Delta R.T. 0.006 min

Lab File: VY023357.D

Acq: 12 Sep 2025 10:08

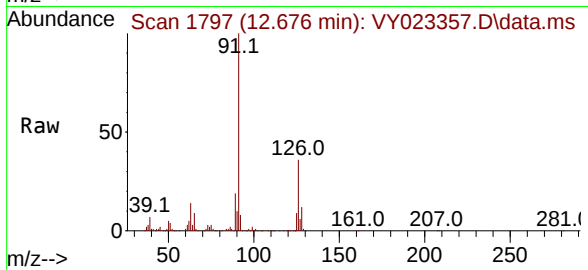
Tgt Ion:	91	Resp:	552614
Ion Ratio	Lower	Upper	
91	100		
120	24.2	11.5	34.5





#79
2-Chlorotoluene
Concen: 19.802 ug/l
RT: 12.676 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

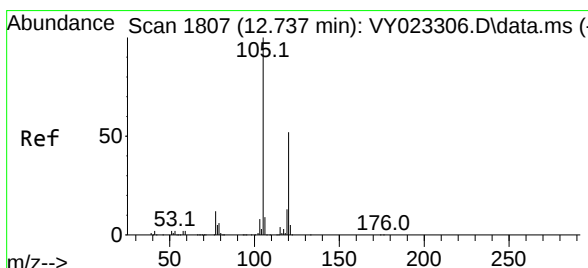
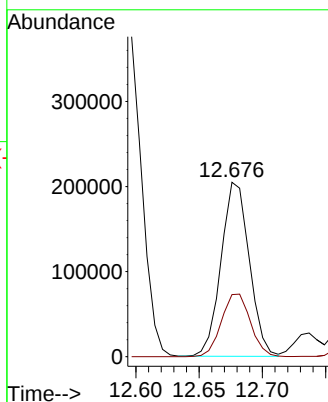
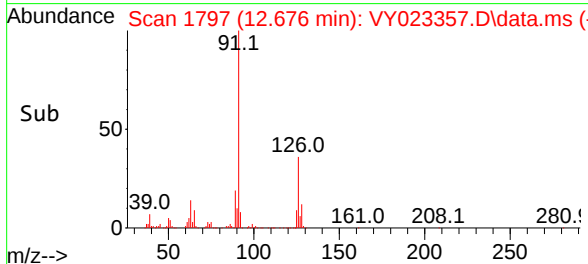
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01



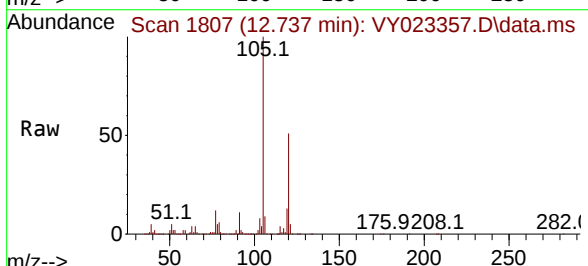
Tgt Ion: 91 Resp: 31821
Ion Ratio Lower Upper
91 100
126 37.0 17.4 52.3

Manual Integrations
APPROVED

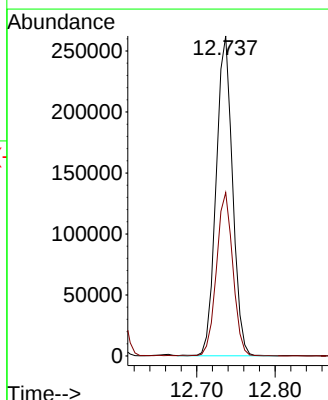
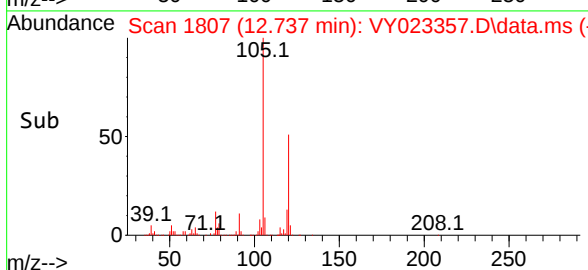
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025

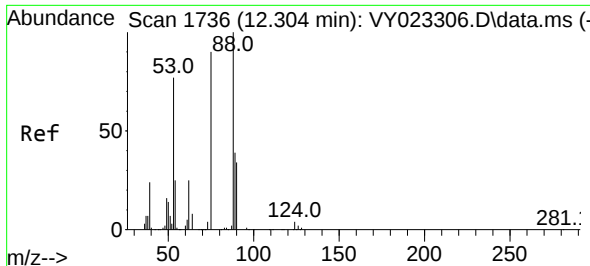


#80
1,3,5-Trimethylbenzene
Concen: 19.815 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08



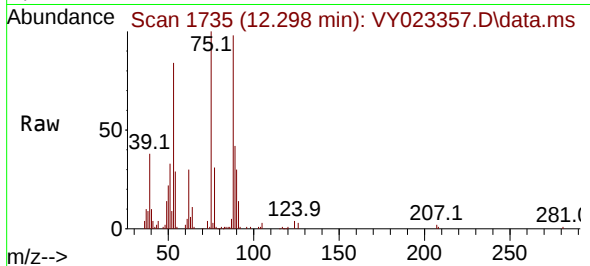
Tgt Ion:105 Resp: 381504
Ion Ratio Lower Upper
105 100
120 51.1 24.8 74.4





#81
trans-1,4-Dichloro-2-butene
Concen: 19.077 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

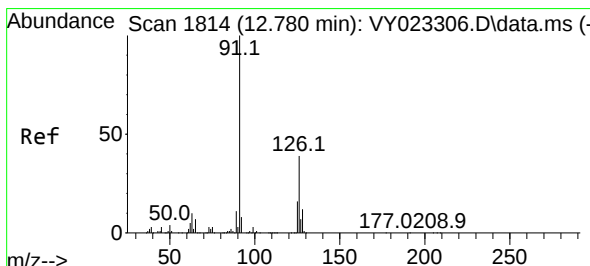
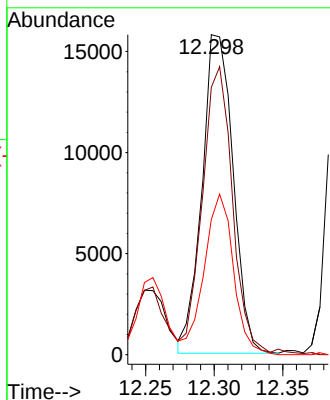
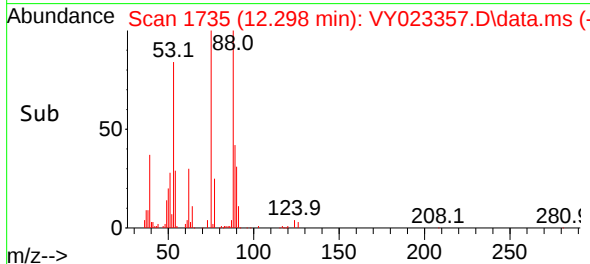
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01



Tgt Ion: 75 Resp: 24890
Ion Ratio Lower Upper
75 100
53 88.6 70.8 106.2
89 47.6 38.1 57.1

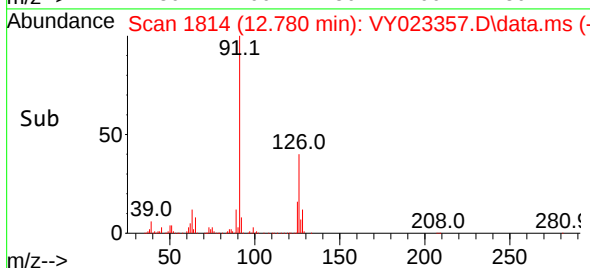
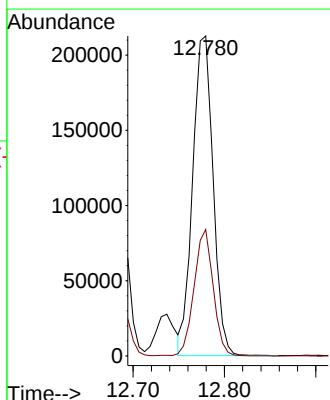
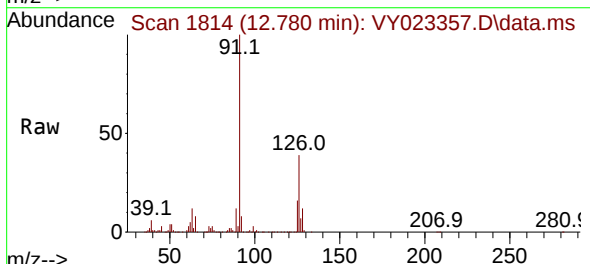
Manual Integrations
APPROVED

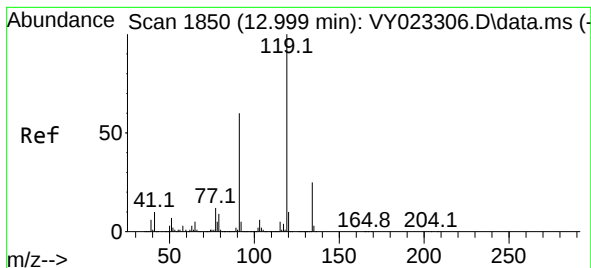
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#82
4-Chlorotoluene
Concen: 19.627 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.012 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

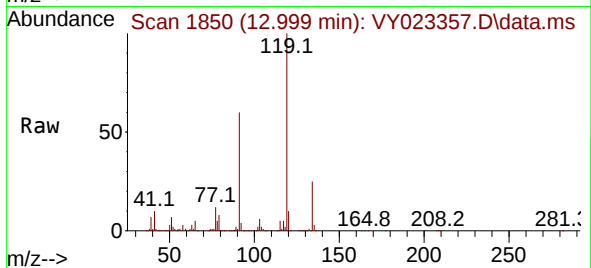
Tgt Ion: 91 Resp: 330020
Ion Ratio Lower Upper
91 100
126 37.1 17.3 52.0





#83
tert-Butylbenzene
Concen: 19.643 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

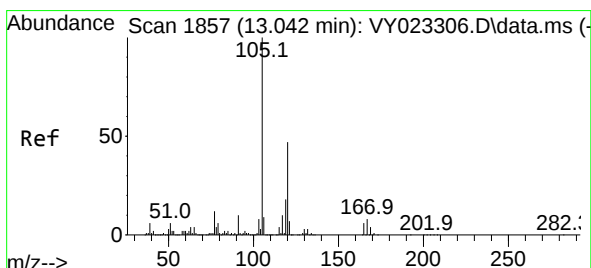
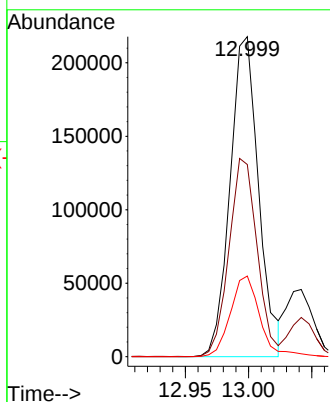
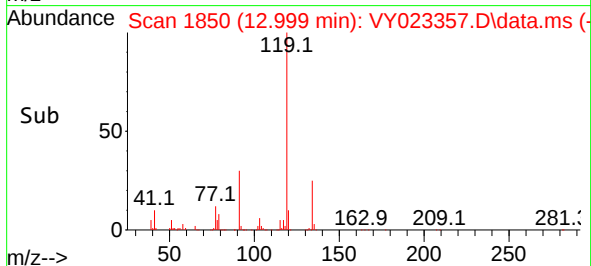
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01



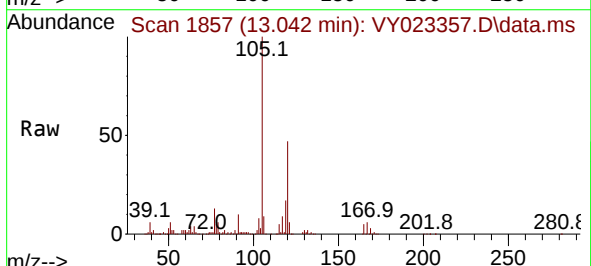
Tgt Ion:119 Resp: 342529
Ion Ratio Lower Upper
119 100
91 61.0 31.6 94.8
134 26.0 12.9 38.7

Manual Integrations
APPROVED

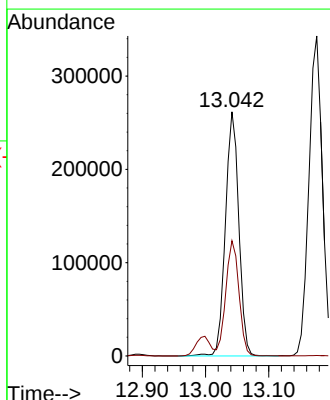
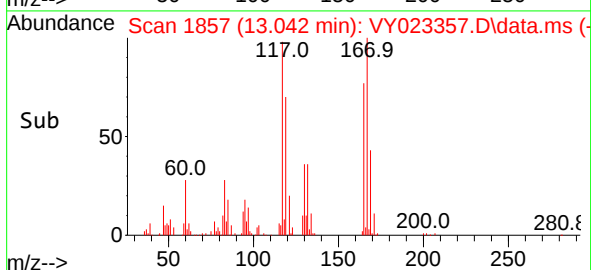
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025

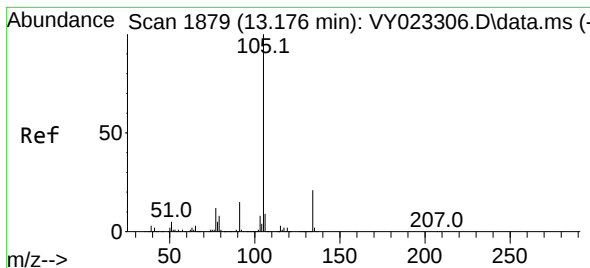


#84
1,2,4-Trimethylbenzene
Concen: 20.164 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08



Tgt Ion:105 Resp: 384048
Ion Ratio Lower Upper
105 100
120 46.2 23.0 69.0





#85

sec-Butylbenzene

Concen: 19.877 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.006 min

Lab File: VY023357.D

Acq: 12 Sep 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0912SBS01

Tgt Ion:105 Resp: 50430

Ion Ratio Lower Upper

105 100

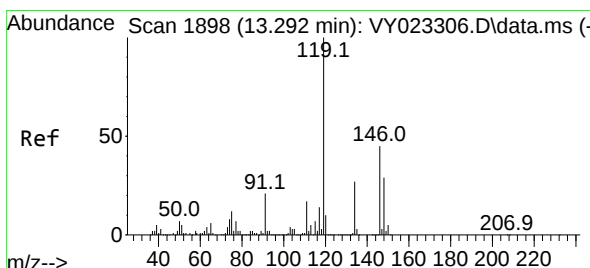
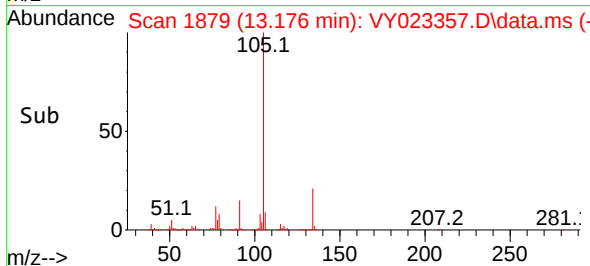
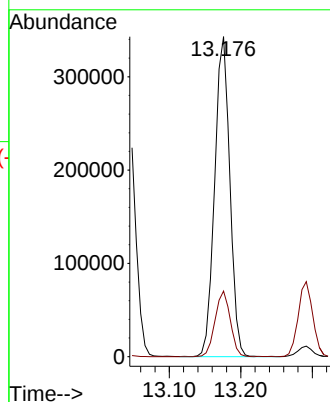
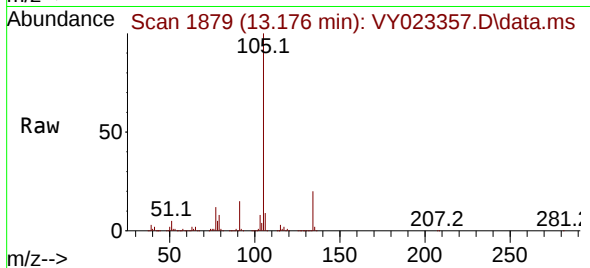
134 20.6 10.2 30.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/15/2025

Supervised By :Semsettin Yesilyurt 09/15/2025



#86

p-Isopropyltoluene

Concen: 20.070 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023357.D

Acq: 12 Sep 2025 10:08

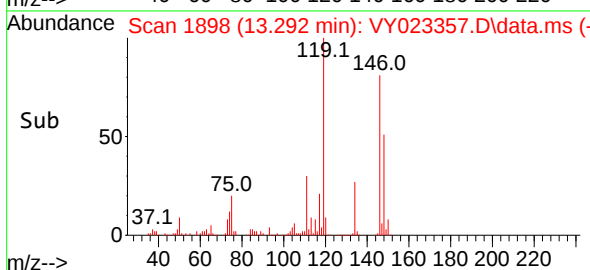
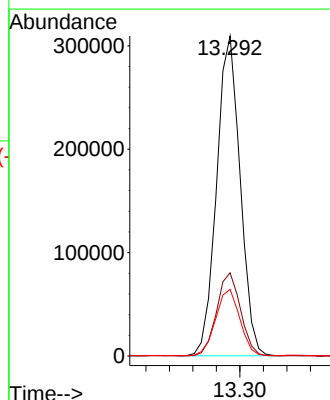
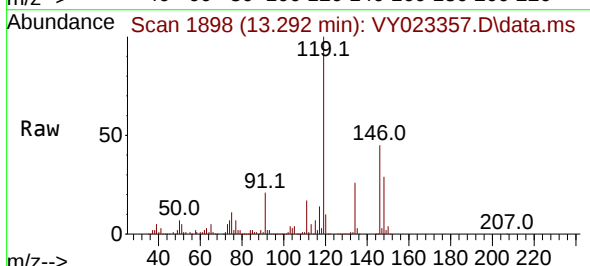
Tgt Ion:119 Resp: 430114

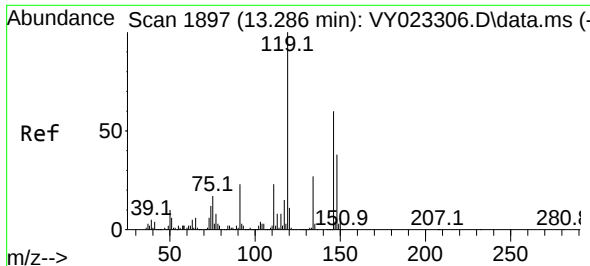
Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.6

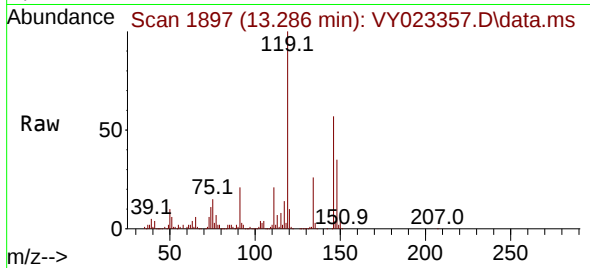
91 21.3 11.3 33.8





#87
1,3-Dichlorobenzene
Concen: 19.678 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

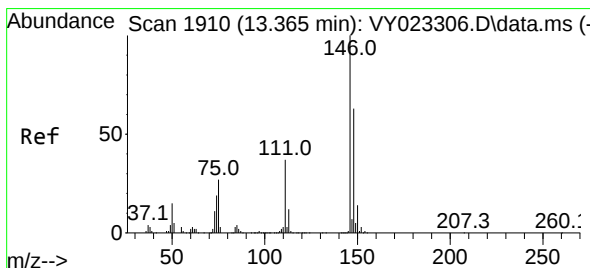
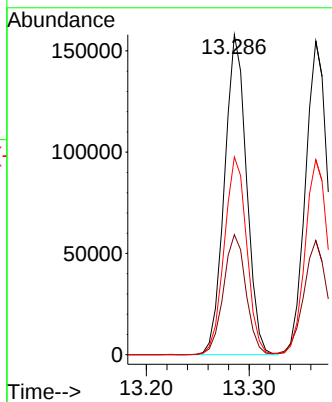
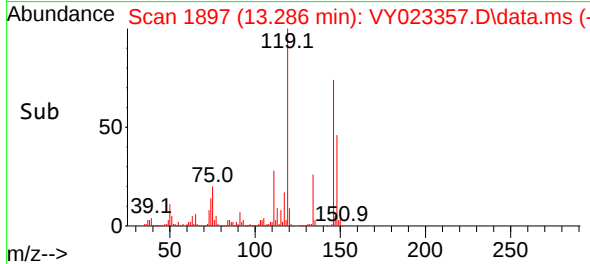
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01



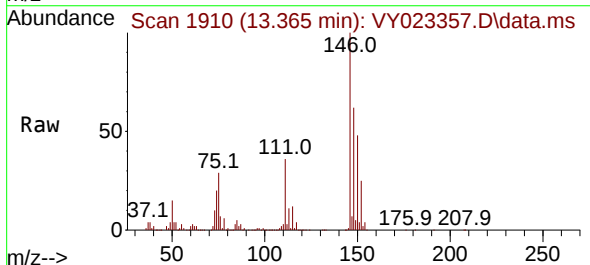
Tgt Ion:146 Resp: 235497
Ion Ratio Lower Upper
146 100
111 38.2 19.6 58.7
148 62.8 32.5 97.5

Manual Integrations
APPROVED

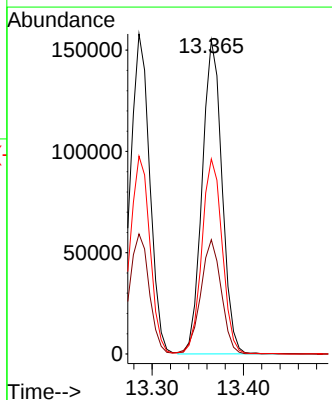
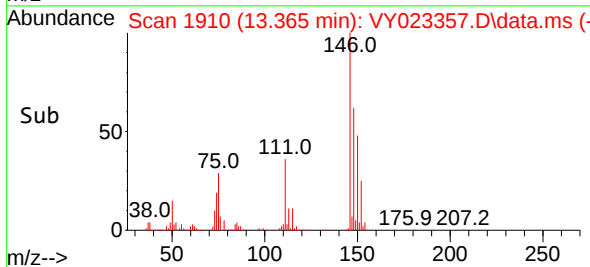
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025

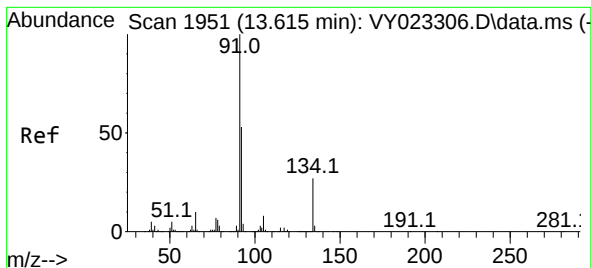


#88
1,4-Dichlorobenzene
Concen: 19.700 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08



Tgt Ion:146 Resp: 233510
Ion Ratio Lower Upper
146 100
111 37.7 19.1 57.1
148 64.0 31.6 94.7





#89

n-Butylbenzene

Concen: 19.465 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY023357.D

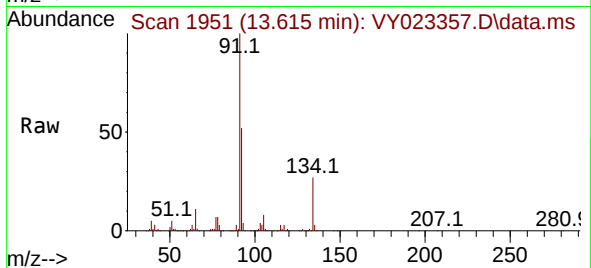
Acq: 12 Sep 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0912SBS01

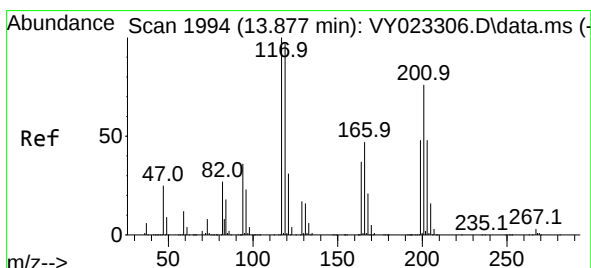
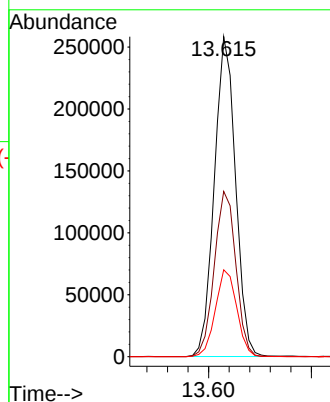
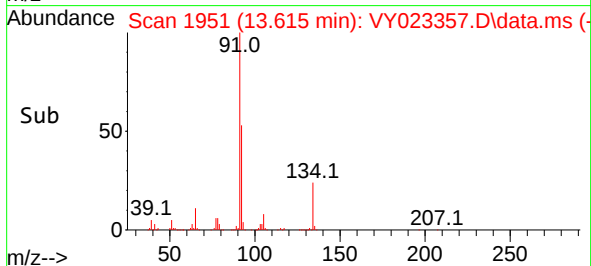


Tgt Ion:	91	Resp:	369950
Ion Ratio	100	Lower	26.9
Upper	80.7		39.5
92	52.5		
134	27.4		

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#90

Hexachloroethane

Concen: 19.570 ug/l

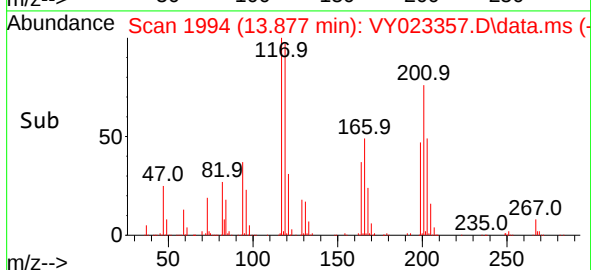
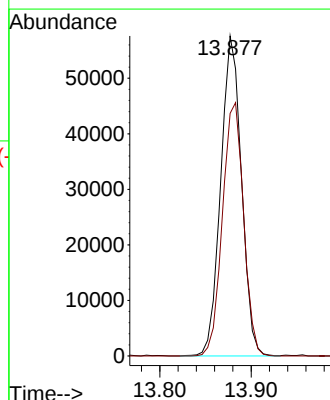
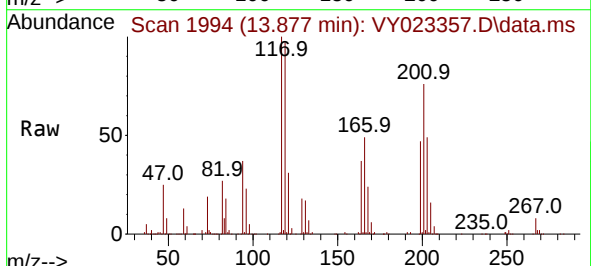
RT: 13.877 min Scan# 1994

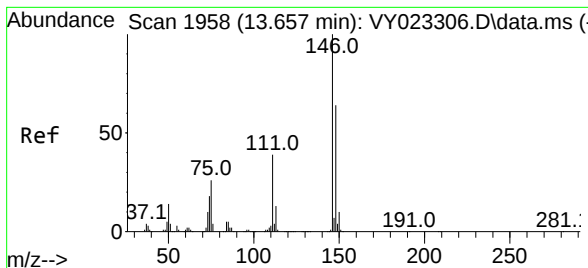
Delta R.T. 0.006 min

Lab File: VY023357.D

Acq: 12 Sep 2025 10:08

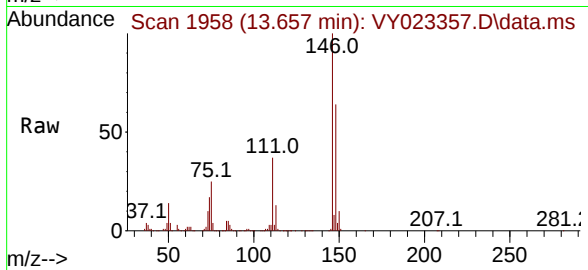
Tgt Ion:	117	Resp:	90928
Ion Ratio	100	Lower	38.4
Upper	115.1		
201	80.4		





#91
1,2-Dichlorobenzene
Concen: 19.854 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08

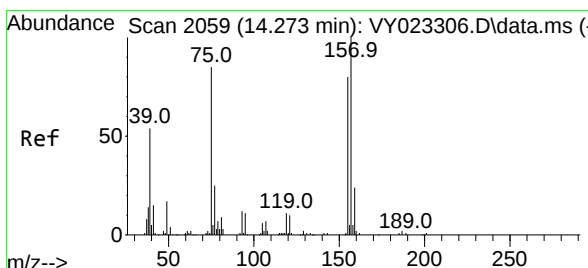
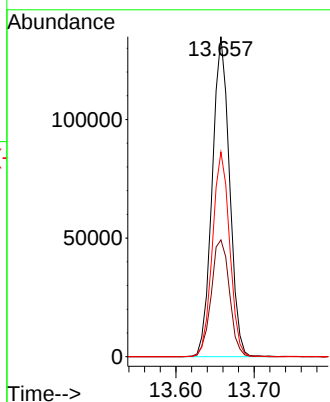
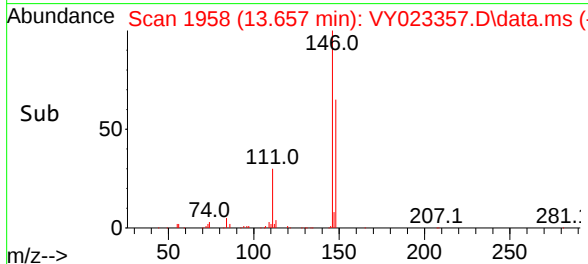
Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBS01



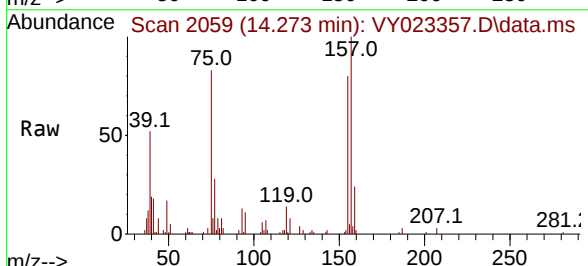
Tgt Ion:146 Resp: 207170
Ion Ratio Lower Upper
146 100
111 38.5 20.3 60.8
148 63.6 32.2 96.6

Manual Integrations
APPROVED

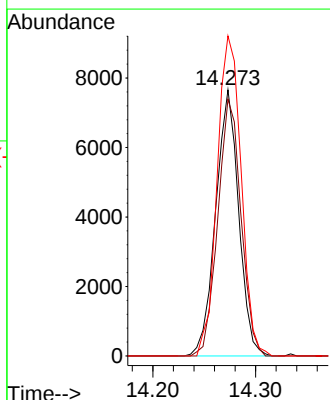
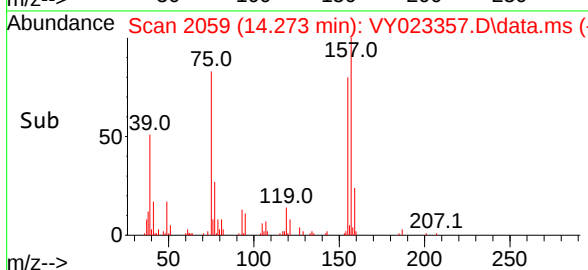
Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025

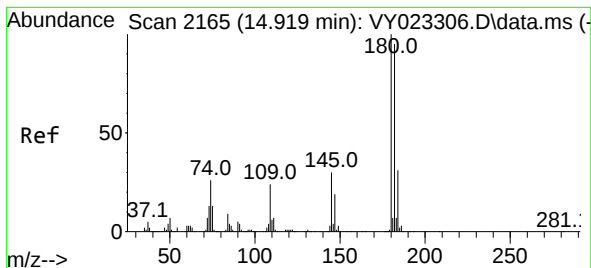


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.067 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY023357.D
Acq: 12 Sep 2025 10:08



Tgt Ion: 75 Resp: 11886
Ion Ratio Lower Upper
75 100
155 97.3 43.9 131.6
157 125.3 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 19.997 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY023357.D

Acq: 12 Sep 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

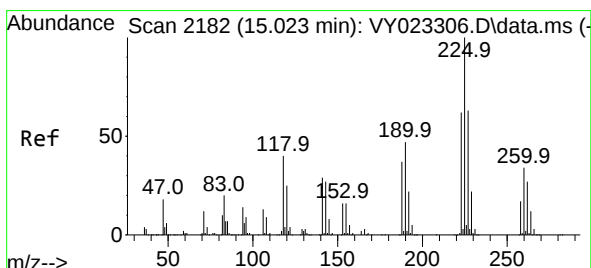
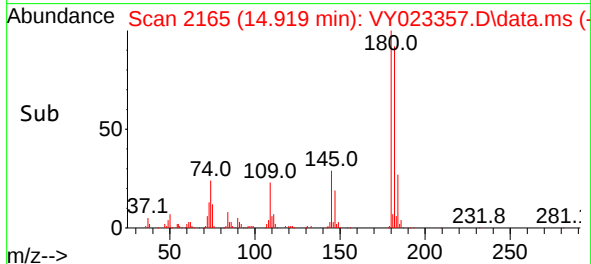
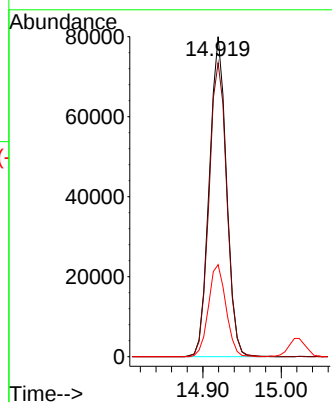
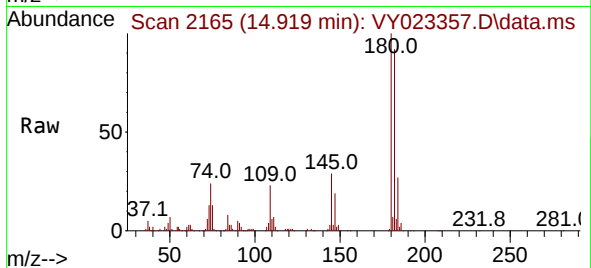
VY0912SBS01

Tgt Ion:180	Resp:	121710
Ion Ratio	Lower	Upper
180	100	
182	95.0	46.8 140.4
145	29.3	14.4 43.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#94

Hexachlorobutadiene

Concen: 20.345 ug/l

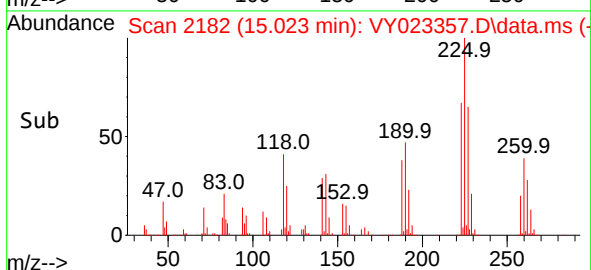
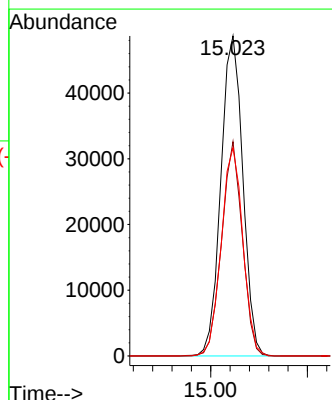
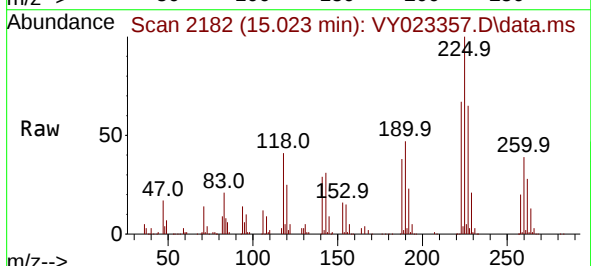
RT: 15.023 min Scan# 2182

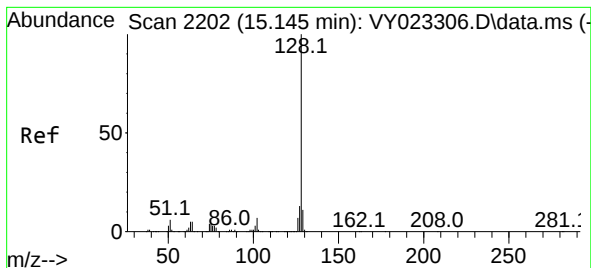
Delta R.T. 0.006 min

Lab File: VY023357.D

Acq: 12 Sep 2025 10:08

Tgt Ion:225	Resp:	76563
Ion Ratio	Lower	Upper
225	100	
223	63.1	31.3 93.8
227	64.2	31.5 94.5





#95

Naphthalene

Concen: 18.837 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.006 min

Lab File: VY023357.D

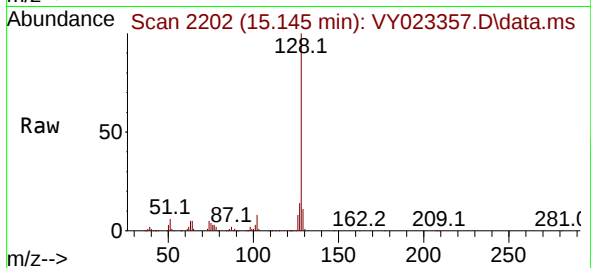
Acq: 12 Sep 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0912SBS01

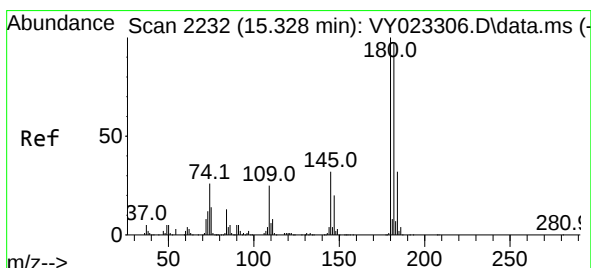
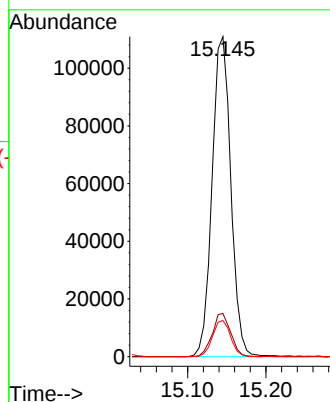
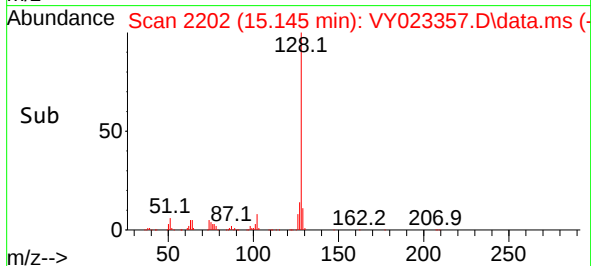


Tgt Ion:	128	Resp:	184278
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.4	15.6
129	11.0	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/15/2025
Supervised By :Semsettin Yesilyurt 09/15/2025



#96

1,2,3-Trichlorobenzene

Concen: 19.865 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY023357.D

Acq: 12 Sep 2025 10:08

Tgt Ion:	180	Resp:	105003
Ion Ratio	Lower	Upper	
180	100		
182	95.8	47.9	143.7
145	30.4	15.9	47.7

