

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041525\
 Data File : VY021884.D
 Acq On : 15 Apr 2025 10:08
 Operator : SY/MD
 Sample : VY0415SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0415SBS01

Quant Time: Apr 16 03:00:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/16/2025
 Supervised By :Semsettin Yesilyurt 04/16/2025

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	244075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	380818	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	336196	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	176232	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	131897	49.876	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 99.760%			
35) Dibromofluoromethane	7.634	113	127447	51.592	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.180%			
50) Toluene-d8	10.109	98	485868	51.700	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.400%			
62) 4-Bromofluorobenzene	12.408	95	169326	53.268	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 106.540%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	44600	17.630	ug/l	97
3) Chloromethane	2.062	50	62941	17.694	ug/l	99
4) Vinyl Chloride	2.202	62	68053	16.916	ug/l	99
5) Bromomethane	2.592	94	57348	20.901	ug/l	97
6) Chloroethane	2.733	64	47345	17.985	ug/l	99
7) Trichlorofluoromethane	3.050	101	97582	18.936	ug/l	95
8) Diethyl Ether	3.452	74	27047	19.299	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.812	101	51918	19.102	ug/l	99
10) Methyl Iodide	4.001	142	53668	17.999	ug/l	98
11) Tert butyl alcohol	4.891	59	15233	88.685	ug/l #	70
12) 1,1-Dichloroethene	3.787	96	48717	19.029	ug/l	98
13) Acrolein	3.653	56	12336	39.332	ug/l	94
14) Allyl chloride	4.385	41	74844	18.336	ug/l	99
15) Acrylonitrile	5.055	53	55072	94.116	ug/l	98
16) Acetone	3.873	43	46651	86.196	ug/l	97
17) Carbon Disulfide	4.104	76	142374	16.884	ug/l	98
18) Methyl Acetate	4.385	43	25596	19.082	ug/l	95
19) Methyl tert-butyl Ether	5.110	73	122149	19.164	ug/l	99
20) Methylene Chloride	4.610	84	56102	18.768	ug/l	96
21) trans-1,2-Dichloroethene	5.110	96	53419	18.951	ug/l	99
22) Diisopropyl ether	6.019	45	164179	19.174	ug/l	99
23) Vinyl Acetate	5.964	43	454085	90.650	ug/l	98
24) 1,1-Dichloroethane	5.909	63	97028	18.950	ug/l	99
25) 2-Butanone	6.897	43	70283	90.919	ug/l	98
26) 2,2-Dichloropropane	6.884	77	87922	19.305	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	62014	19.563	ug/l	96
28) Bromochloromethane	7.244	49	40717	18.856	ug/l	93
29) Tetrahydrofuran	7.262	42	43606	87.648	ug/l	96
30) Chloroform	7.421	83	104451	19.614	ug/l	99
31) Cyclohexane	7.701	56	81042	17.364	ug/l #	85
32) 1,1,1-Trichloroethane	7.616	97	92382	19.194	ug/l	99
36) 1,1-Dichloropropene	7.835	75	70929	18.851	ug/l	98
37) Ethyl Acetate	6.988	43	31983	18.011	ug/l	98
38) Carbon Tetrachloride	7.817	117	83697	19.421	ug/l	97
39) Methylcyclohexane	9.110	83	83636	18.607	ug/l	99
40) Benzene	8.079	78	218445	19.386	ug/l	98

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 Supervised By :Semsettin Yesilyurt 04/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	17862	18.941	ug/l #	100
42) 1,2-Dichloroethane	8.159	62	61004	19.204	ug/l	98
43) Isopropyl Acetate	8.195	43	62326	18.521	ug/l	98
44) Trichloroethene	8.866	130	58117	20.242	ug/l	96
45) 1,2-Dichloropropane	9.140	63	52070	19.522	ug/l	99
46) Dibromomethane	9.231	93	30377	19.761	ug/l	98
47) Bromodichloromethane	9.420	83	78826	19.790	ug/l	99
48) Methyl methacrylate	9.219	41	28377	18.373	ug/l	97
49) 1,4-Dioxane	9.238	88	6167	374.498	ug/l	93
51) 4-Methyl-2-Pentanone	10.000	43	164397	93.875	ug/l	100
52) Toluene	10.170	92	139771	19.881	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	69372	19.608	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	80810	19.361	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	40505	20.476	ug/l	96
56) Ethyl methacrylate	10.439	69	49093	19.436	ug/l	97
57) 1,3-Dichloropropane	10.719	76	67895	19.873	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	125045	101.478	ug/l	98
59) 2-Hexanone	10.762	43	107616	92.272	ug/l	100
60) Dibromochloromethane	10.914	129	53020	19.631	ug/l	97
61) 1,2-Dibromoethane	11.018	107	37677	20.303	ug/l	99
64) Tetrachloroethene	10.646	164	66318	21.659	ug/l	98
65) Chlorobenzene	11.445	112	151834	19.702	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	55337	20.238	ug/l	99
67) Ethyl Benzene	11.518	91	256839	19.435	ug/l	98
68) m/p-Xylenes	11.627	106	199787	39.480	ug/l	99
69) o-Xylene	11.957	106	92800	19.866	ug/l	98
70) Styrene	11.969	104	155340	19.945	ug/l	99
71) Bromoform	12.133	173	32113	20.589	ug/l #	100
73) Isopropylbenzene	12.255	105	248039	18.950	ug/l	99
74) N-amyl acetate	12.072	43	53504	17.417	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	41649	17.698	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	33192m	19.000	ug/l	
77) Bromobenzene	12.530	156	61114	19.446	ug/l	97
78) n-propylbenzene	12.597	91	301255	19.144	ug/l	100
79) 2-Chlorotoluene	12.682	91	172737	18.899	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	202462	18.925	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	13547	17.868	ug/l	98
82) 4-Chlorotoluene	12.780	91	181990	19.099	ug/l	99
83) tert-Butylbenzene	12.999	119	178452	18.728	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	204868	19.376	ug/l	100
85) sec-Butylbenzene	13.176	105	267256	19.192	ug/l	100
86) p-Isopropyltoluene	13.292	119	222619	19.343	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	119598	19.315	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	119367	19.512	ug/l	98
89) n-Butylbenzene	13.621	91	202637	19.038	ug/l	100
90) Hexachloroethane	13.883	117	47131	18.687	ug/l	97
91) 1,2-Dichlorobenzene	13.664	146	106944	19.841	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6800	18.643	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	60426	20.673	ug/l	99
94) Hexachlorobutadiene	15.023	225	37820	20.718	ug/l	98
95) Naphthalene	15.145	128	95586	19.729	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	50428	20.231	ug/l	95

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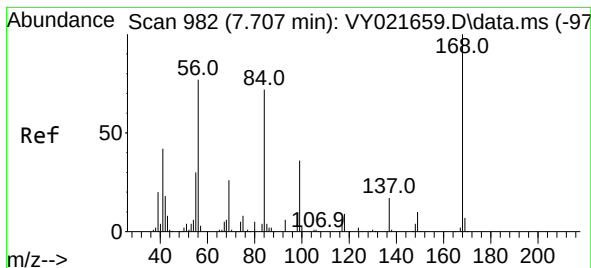
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

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Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
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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# 9

Delta R.T. 0.000 min

Lab File: VY021884.D

Acq: 15 Apr 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0415SBS01

Tgt Ion:168 Resp: 24407

Ion Ratio Lower Upper

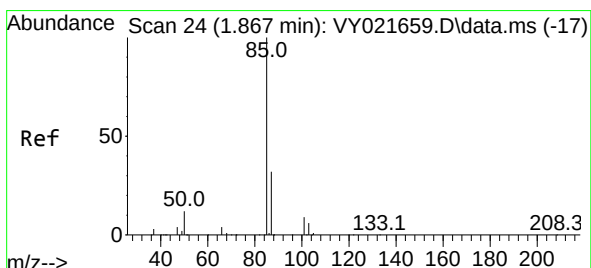
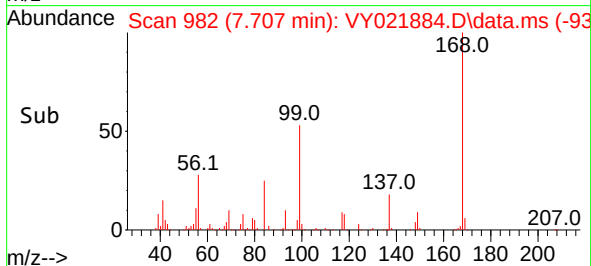
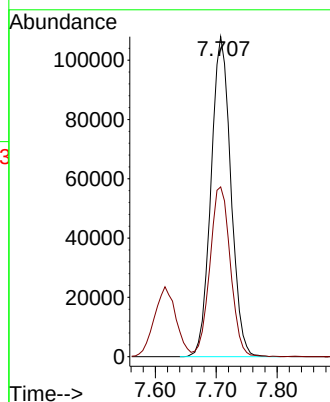
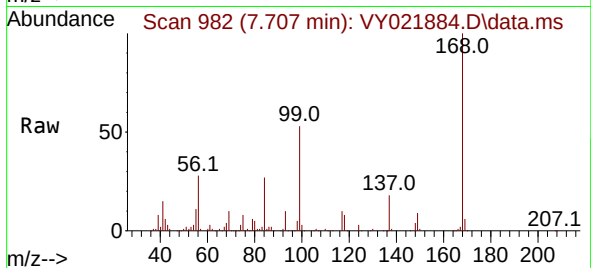
168 100

99 53.0 46.7 70.1

Manual Integrations

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Reviewed By :Mahesh Dadoda 04/16/2025
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#2

Dichlorodifluoromethane

Concen: 17.630 ug/l

RT: 1.861 min Scan# 23

Delta R.T. -0.006 min

Lab File: VY021884.D

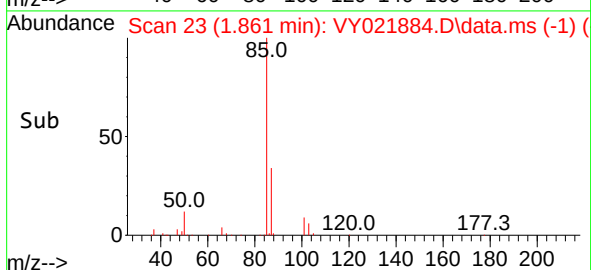
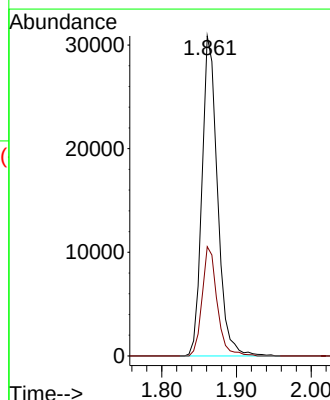
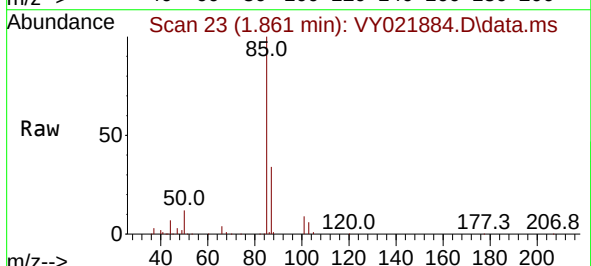
Acq: 15 Apr 2025 10:08

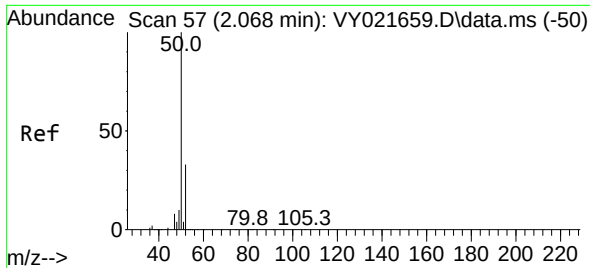
Tgt Ion: 85 Resp: 44600

Ion Ratio Lower Upper

85 100

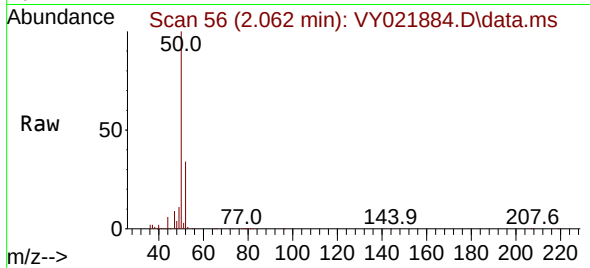
87 34.1 16.2 48.6





#3
Chloromethane
Concen: 17.694 ug/l
RT: 2.062 min Scan# 50
Delta R.T. -0.006 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08

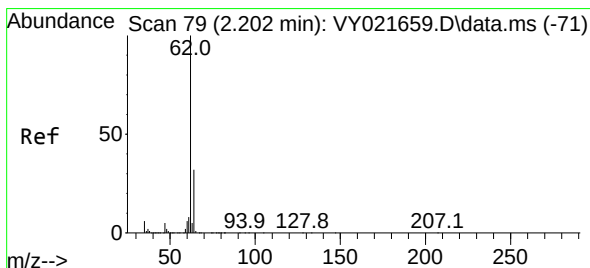
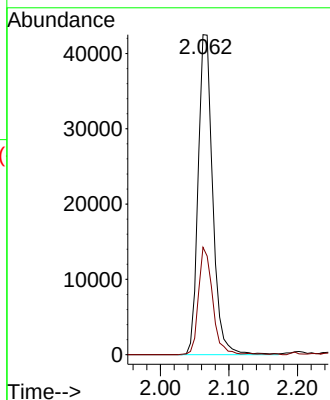
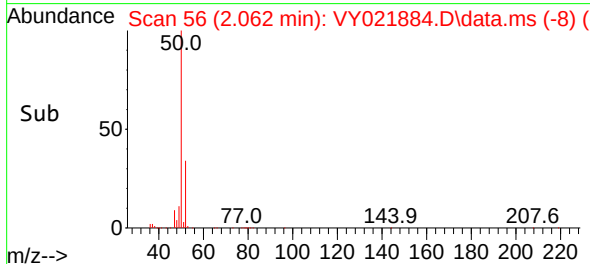
Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01



Tgt Ion: 50 Resp: 6294
Ion Ratio Lower Upper
50 100
52 33.5 26.3 39.5

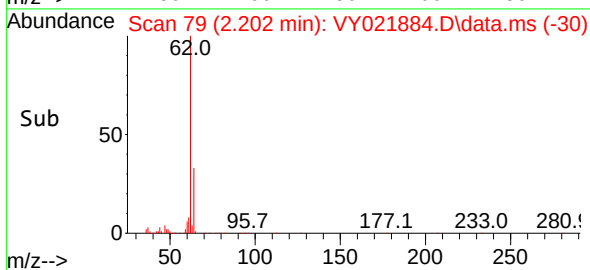
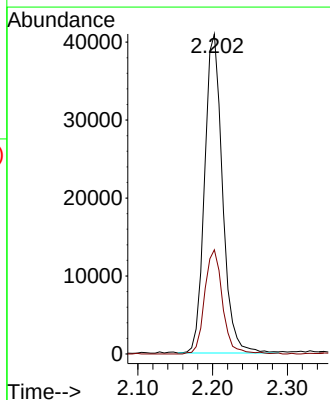
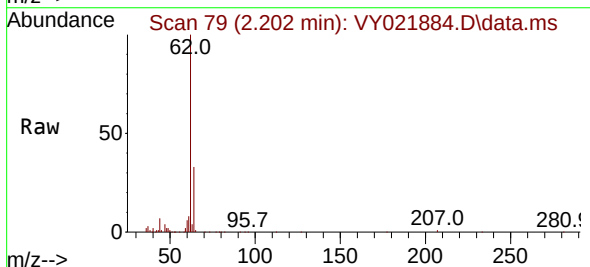
Manual Integrations
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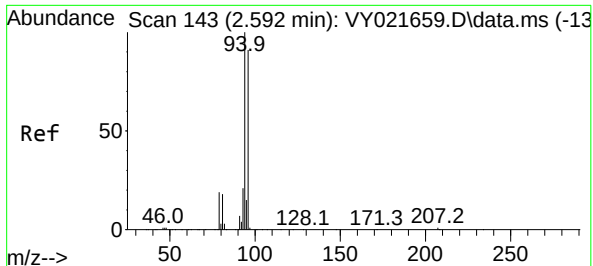
Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#4
Vinyl Chloride
Concen: 16.916 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08

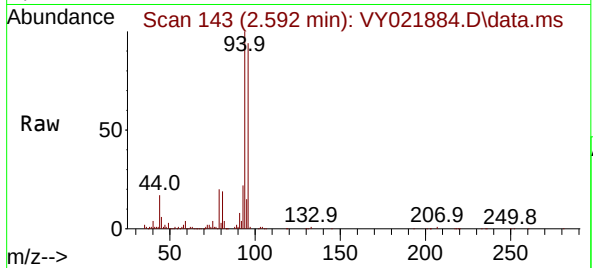
Tgt Ion: 62 Resp: 68053
Ion Ratio Lower Upper
62 100
64 32.6 25.5 38.3





#5
Bromomethane
Concen: 20.901 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08

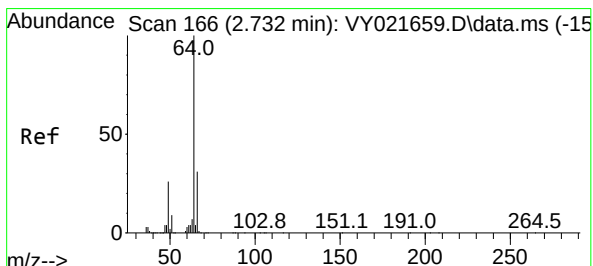
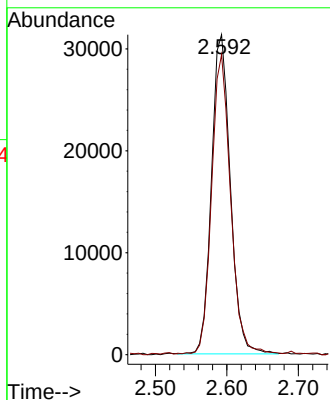
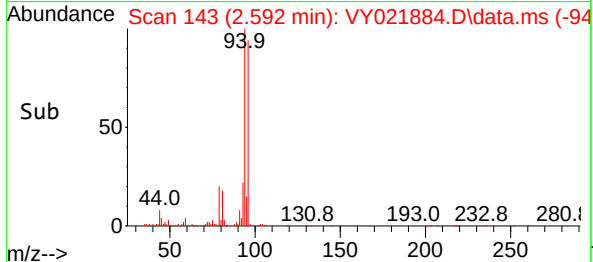
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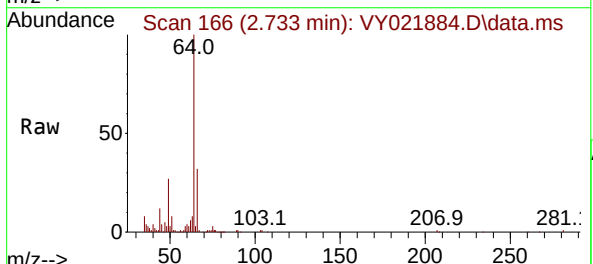
Tgt Ion: 94 Resp: 57348
Ion Ratio Lower Upper
94 100
96 93.6 72.8 109.2

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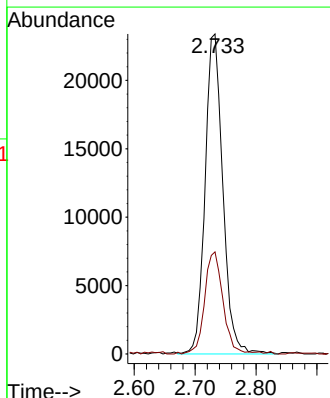
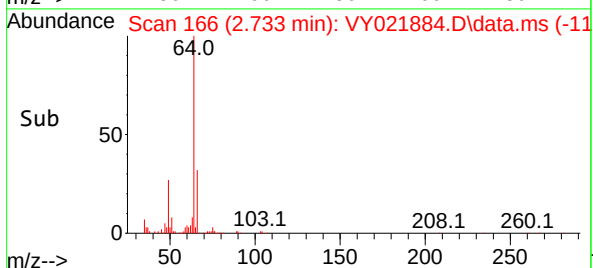
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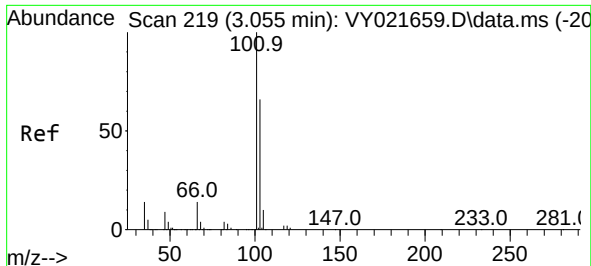


#6
Chloroethane
Concen: 17.985 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021884.D
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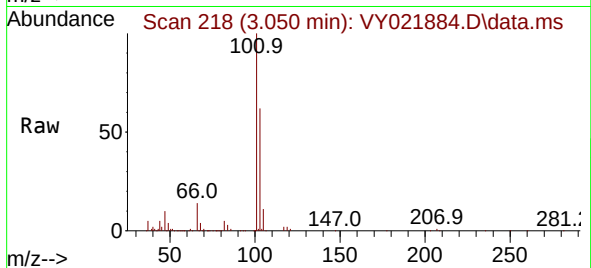
Tgt Ion: 64 Resp: 47345
Ion Ratio Lower Upper
64 100
66 31.9 24.9 37.3





#7
Trichlorofluoromethane
Concen: 18.936 ug/l
RT: 3.050 min Scan# 219
Delta R.T. -0.006 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08

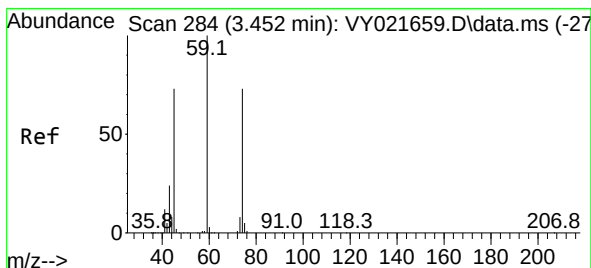
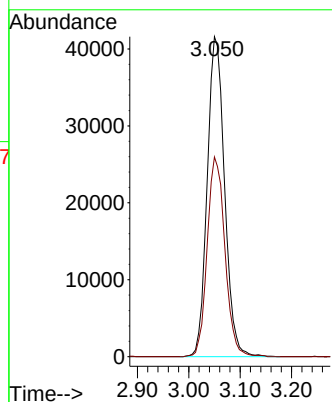
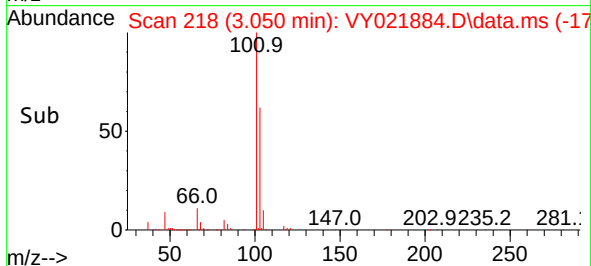
Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01



Tgt Ion:101 Resp: 9758
Ion Ratio Lower Upper
101 100
103 62.4 53.1 79.7

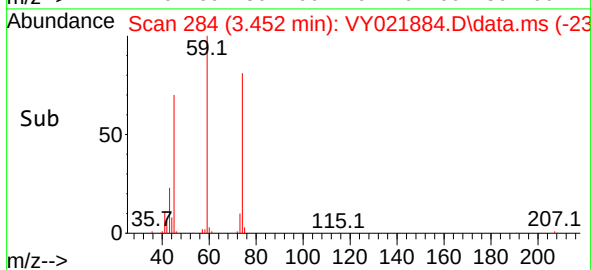
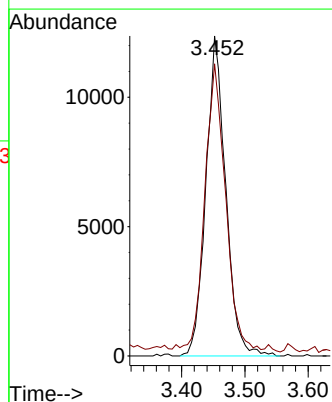
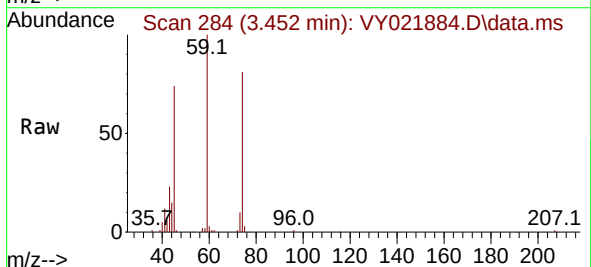
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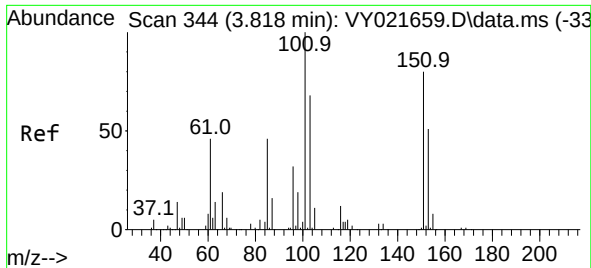
Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#8
Diethyl Ether
Concen: 19.299 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08

Tgt Ion: 74 Resp: 27047
Ion Ratio Lower Upper
74 100
45 92.1 48.6 145.8





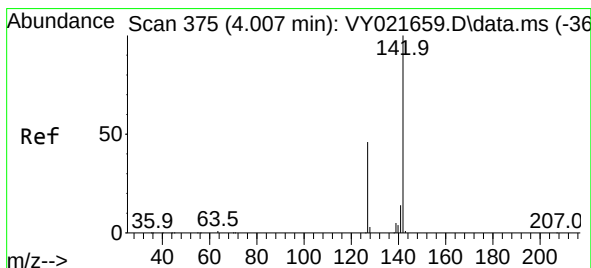
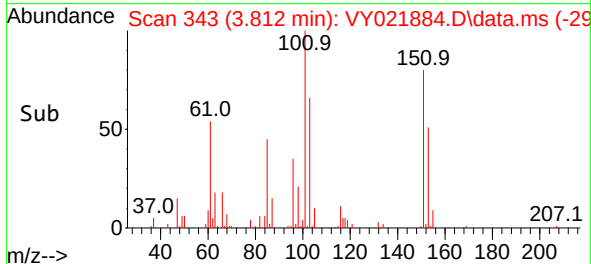
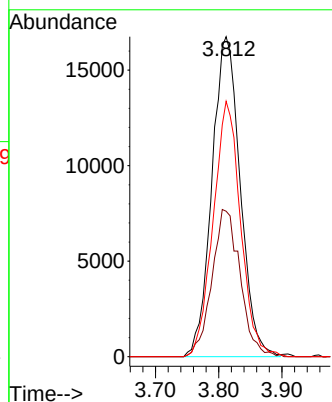
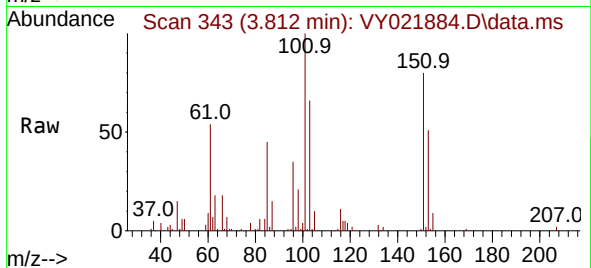
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.102 ug/l
RT: 3.812 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01

Tgt Ion:101 Resp: 51918
Ion Ratio Lower Upper
101 100
85 45.8 36.3 54.5
151 77.3 61.3 91.9

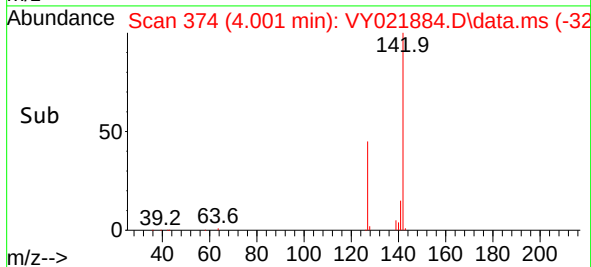
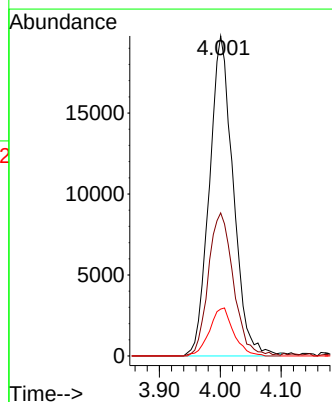
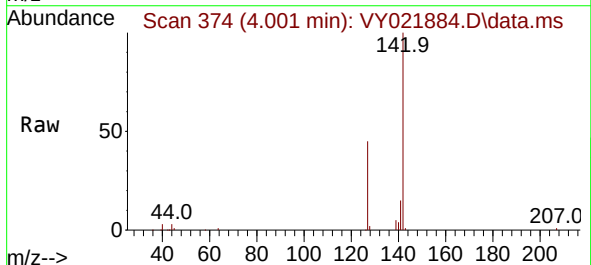
Manual Integrations
APPROVED

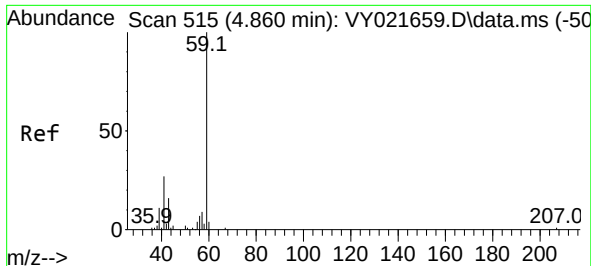
Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#10
Methyl Iodide
Concen: 17.999 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08

Tgt Ion:142 Resp: 53668
Ion Ratio Lower Upper
142 100
127 47.0 38.7 58.1
141 15.1 11.5 17.3





#11

Tert butyl alcohol

Concen: 88.685 ug/l

RT: 4.891 min Scan# 515

Delta R.T. 0.031 min

Lab File: VY021884.D

Acq: 15 Apr 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0415SBS01

Tgt Ion: 59 Resp: 1523

Ion Ratio Lower Upper

59 100

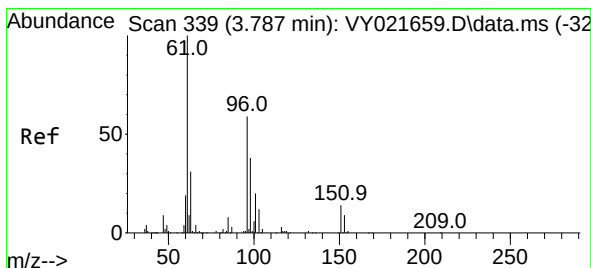
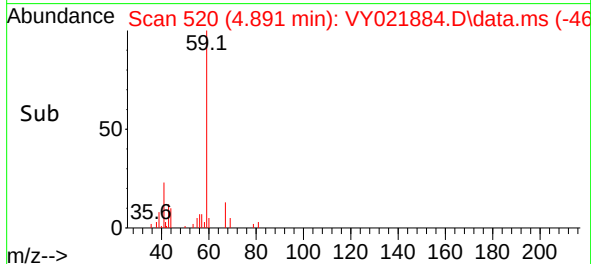
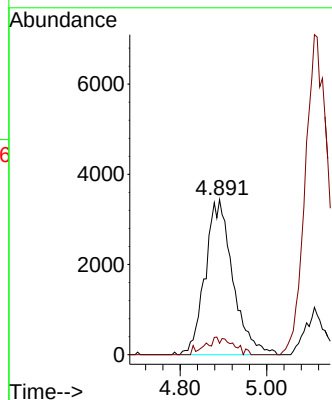
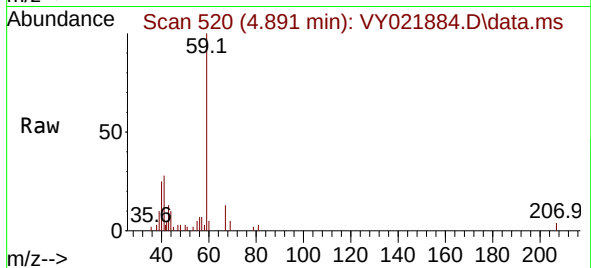
57 0.0 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#12

1,1-Dichloroethene

Concen: 19.029 ug/l

RT: 3.787 min Scan# 339

Delta R.T. 0.000 min

Lab File: VY021884.D

Acq: 15 Apr 2025 10:08

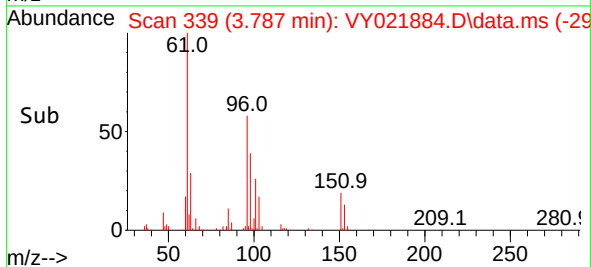
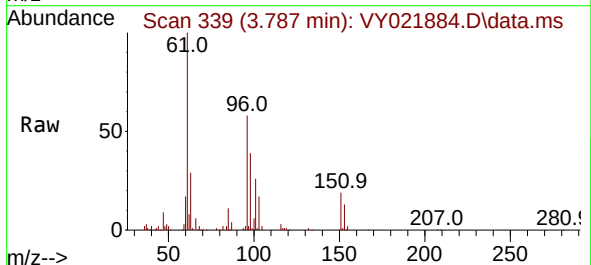
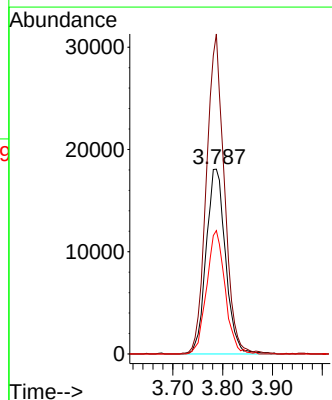
Tgt Ion: 96 Resp: 48717

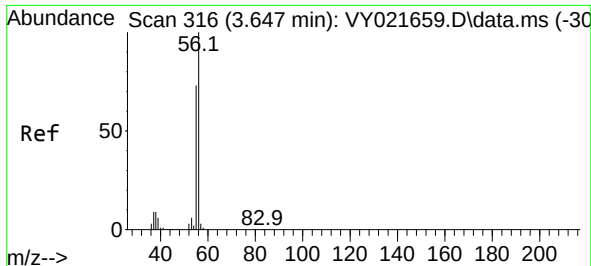
Ion Ratio Lower Upper

96 100

61 173.1 136.6 204.8

98 66.7 52.3 78.5





#13

Acrolein

Concen: 39.332 ug/l

RT: 3.653 min Scan# 316

Delta R.T. 0.006 min

Lab File: VY021884.D

Acq: 15 Apr 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0415SBS01

Tgt Ion: 56 Resp: 12336

Ion Ratio Lower Upper

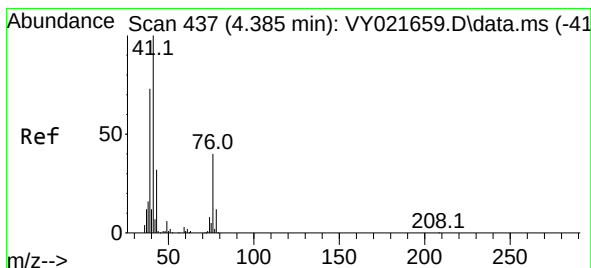
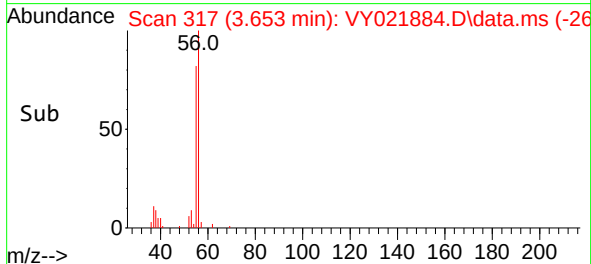
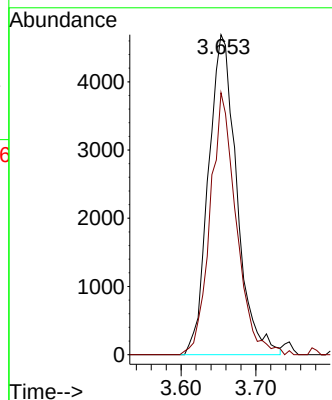
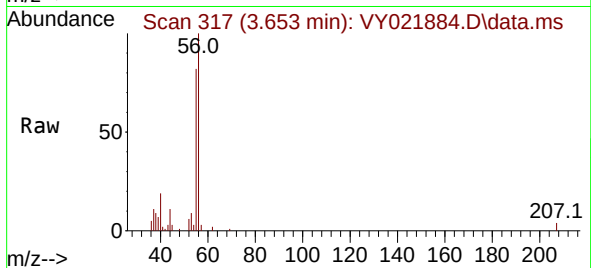
56 100

55 75.6 56.6 85.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#14

Allyl chloride

Concen: 18.336 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY021884.D

Acq: 15 Apr 2025 10:08

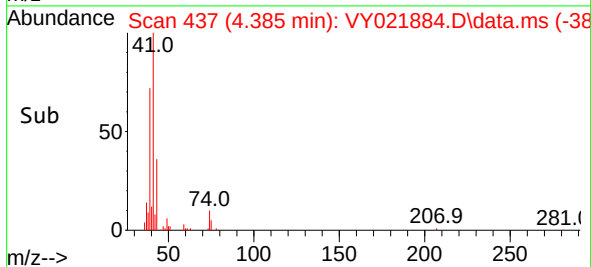
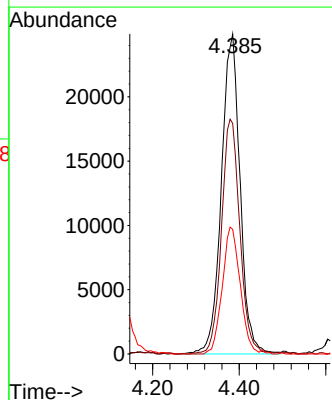
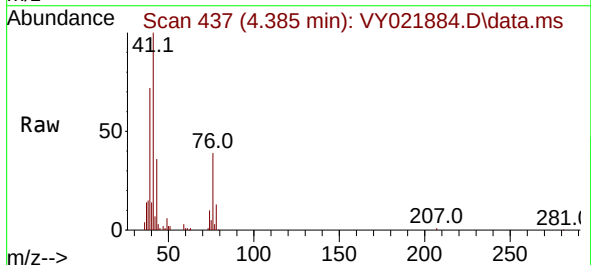
Tgt Ion: 41 Resp: 74844

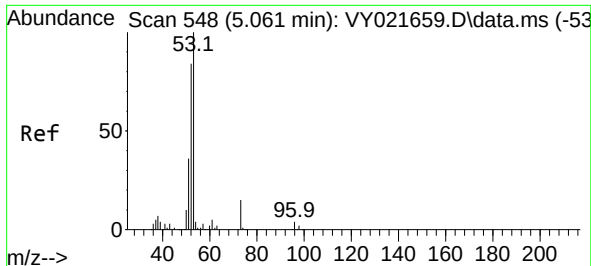
Ion Ratio Lower Upper

41 100

39 72.1 58.6 88.0

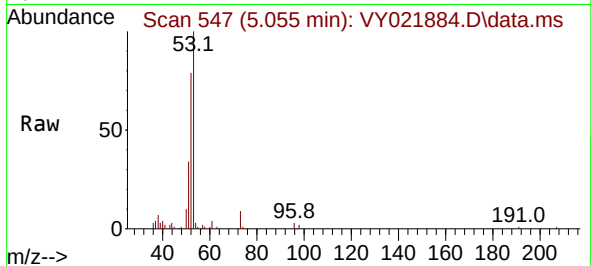
76 37.9 30.3 45.5





#15
Acrylonitrile
Concen: 94.116 ug/l
RT: 5.055 min Scan# 548
Delta R.T. -0.006 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08

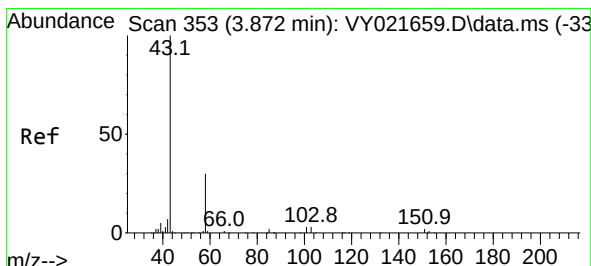
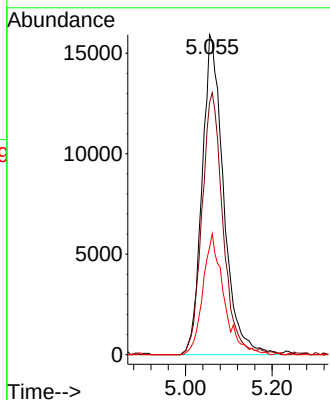
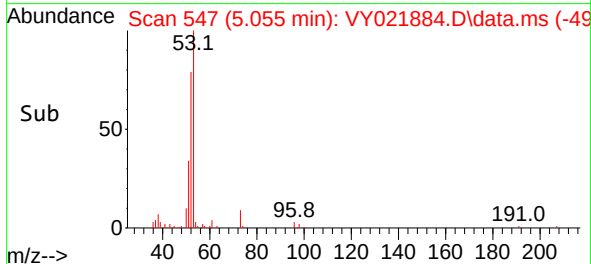
Instrument : MSVOA_Y
ClientSampleId : VY0415SBS01



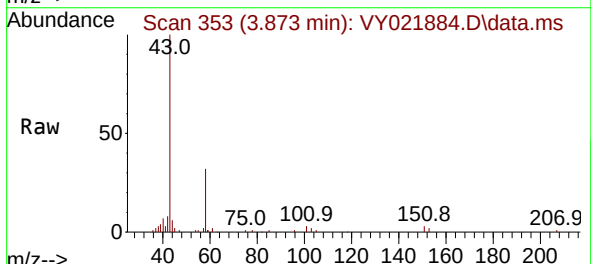
Tgt Ion: 53 Resp: 55072
Ion Ratio Lower Upper
53 100
52 79.3 64.9 97.3
51 37.0 30.2 45.2

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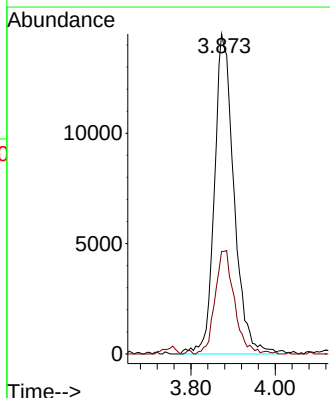
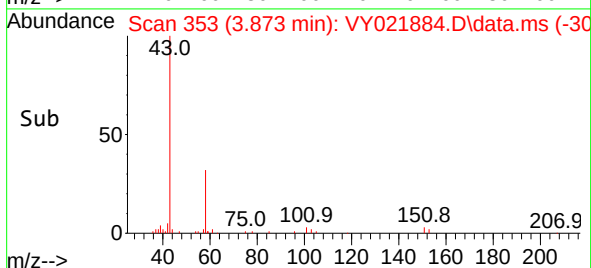
Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

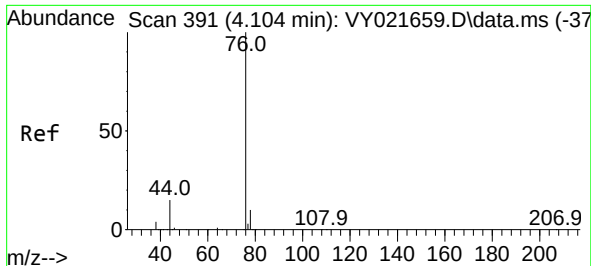


#16
Acetone
Concen: 86.196 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08



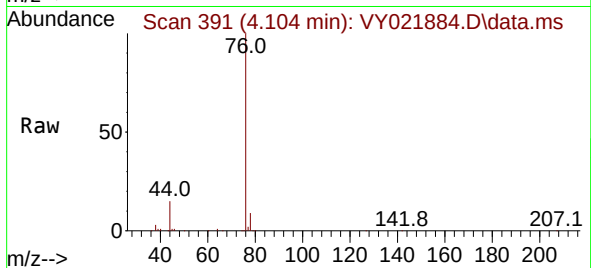
Tgt Ion: 43 Resp: 46651
Ion Ratio Lower Upper
43 100
58 32.0 24.2 36.4





#17
Carbon Disulfide
Concen: 16.884 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08

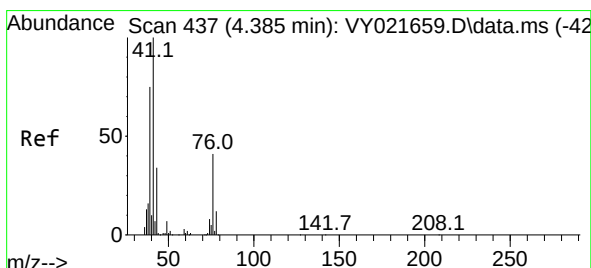
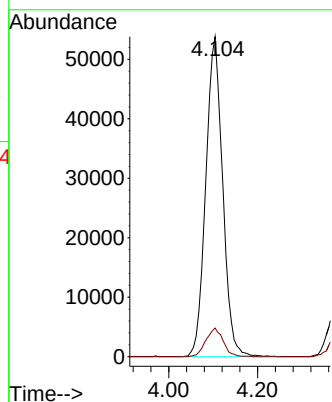
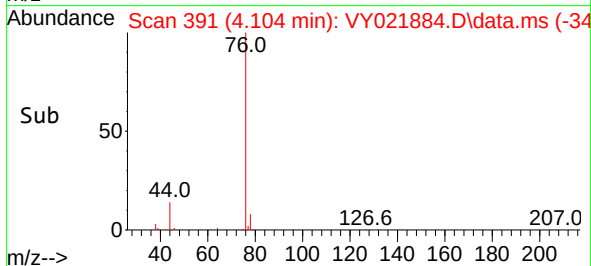
Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01



Tgt Ion: 76 Resp: 142374
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4

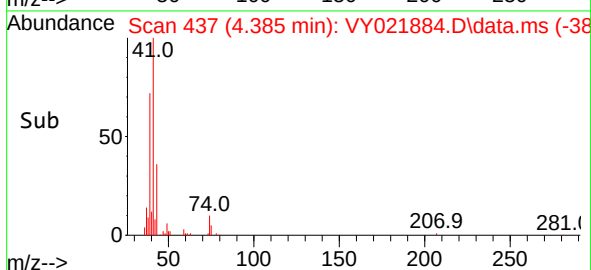
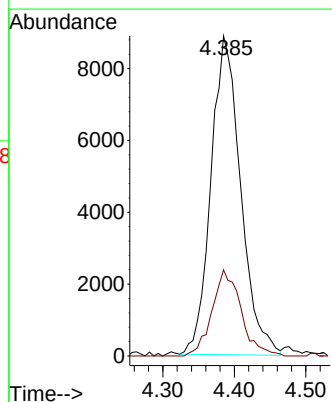
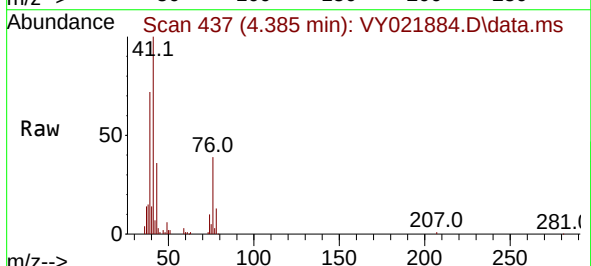
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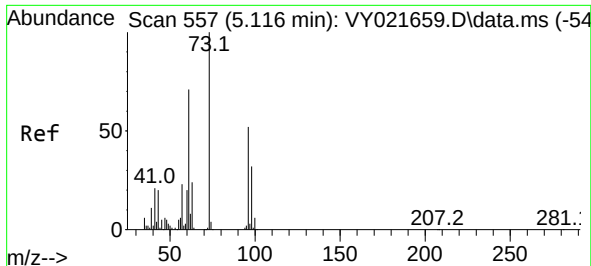
Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#18
Methyl Acetate
Concen: 19.082 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08

Tgt Ion: 43 Resp: 25596
Ion Ratio Lower Upper
43 100
74 26.4 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 19.164 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY021884.D

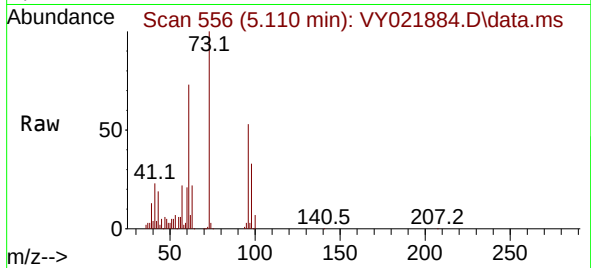
Acq: 15 Apr 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0415SBS01



Tgt Ion: 73 Resp: 122149

Ion Ratio Lower Upper

73 100

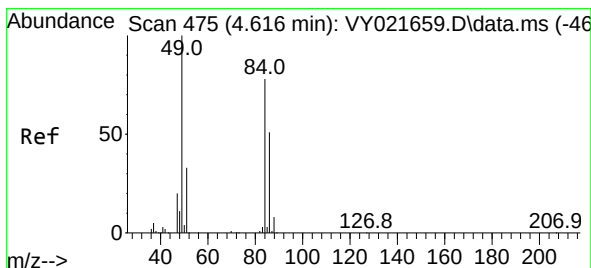
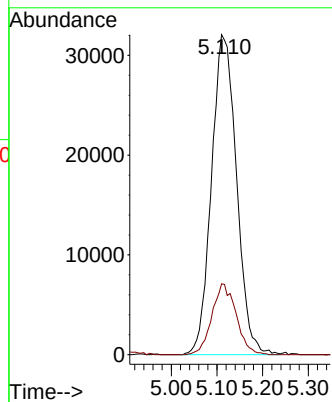
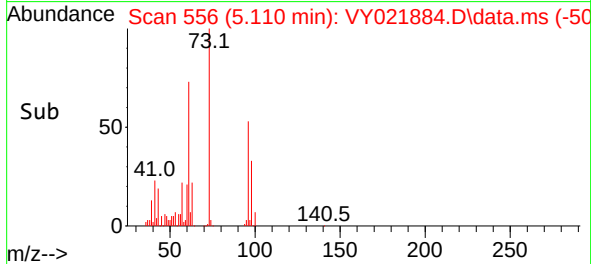
57 22.1 18.1 27.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#20

Methylene Chloride

Concen: 18.768 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY021884.D

Acq: 15 Apr 2025 10:08

Tgt Ion: 84 Resp: 56102

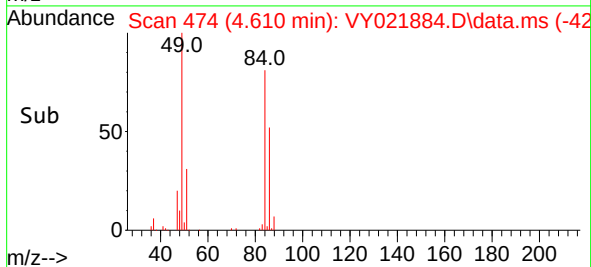
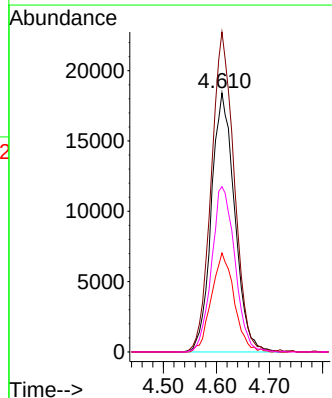
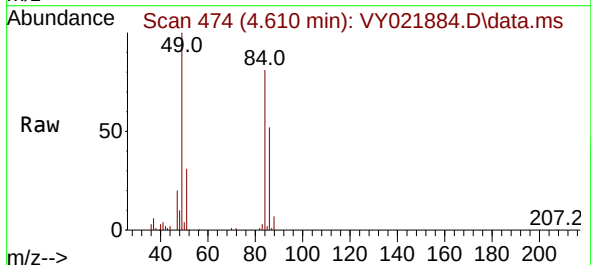
Ion Ratio Lower Upper

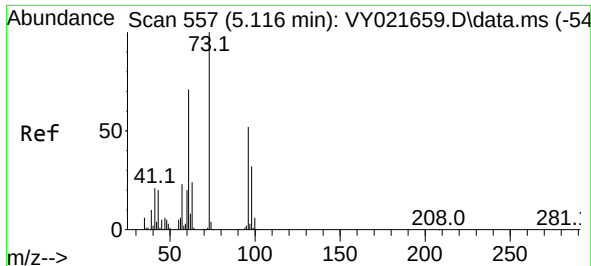
84 100

49 123.5 102.8 154.2

51 38.1 33.5 50.3

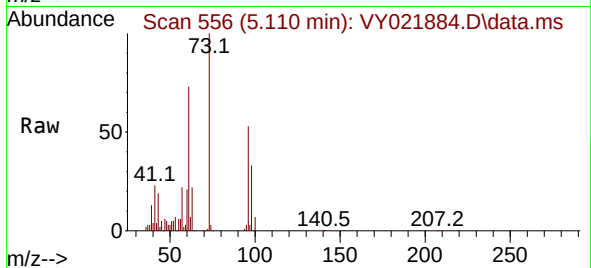
86 63.8 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 18.951 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08

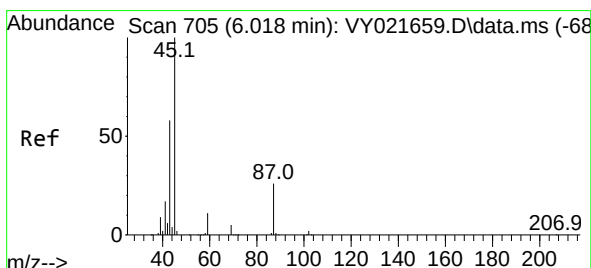
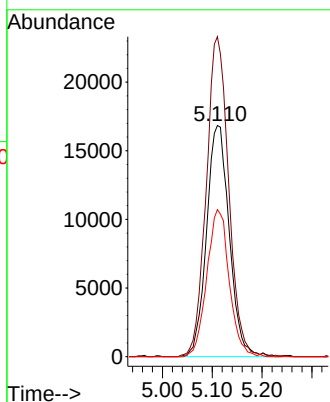
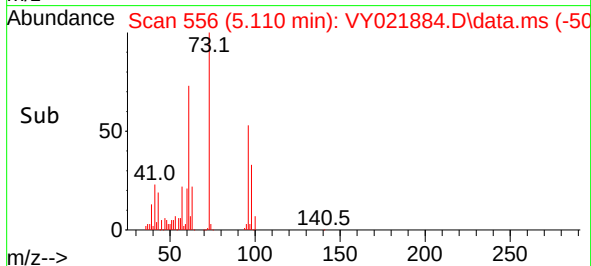
Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01



Tgt Ion: 96 Resp: 53419
Ion Ratio Lower Upper
96 100
61 138.4 109.4 164.0
98 63.6 50.2 75.2

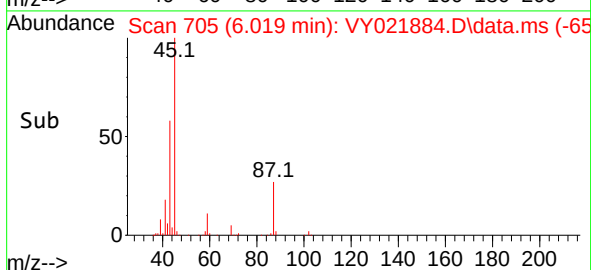
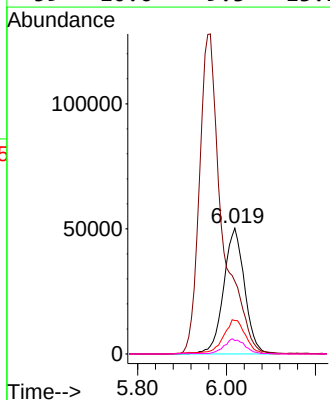
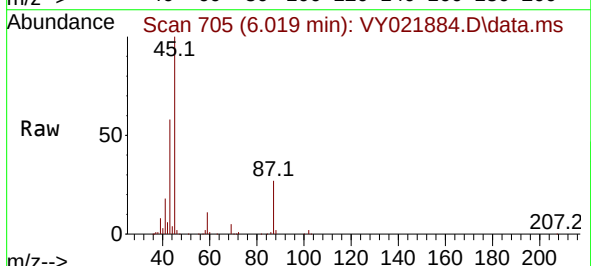
Manual Integrations
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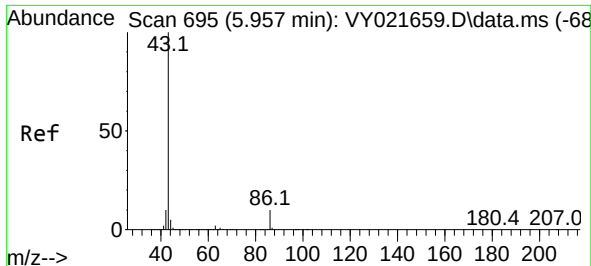
Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#22
Diisopropyl ether
Concen: 19.174 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08

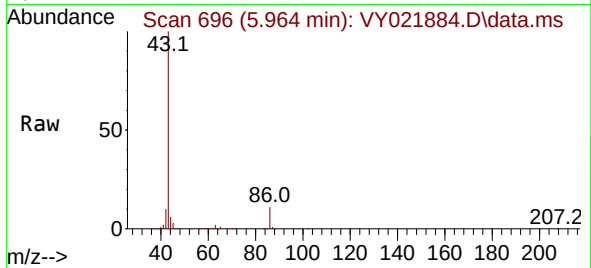
Tgt Ion: 45 Resp: 164179
Ion Ratio Lower Upper
45 100
43 57.4 46.6 69.8
87 26.5 20.7 31.1
59 10.6 9.3 13.9





#23
 Vinyl Acetate
 Concen: 90.650 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY021884.D
 Acq: 15 Apr 2025 10:08

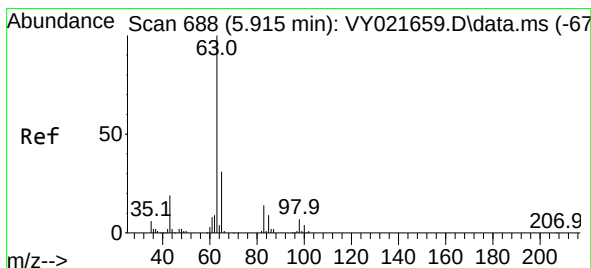
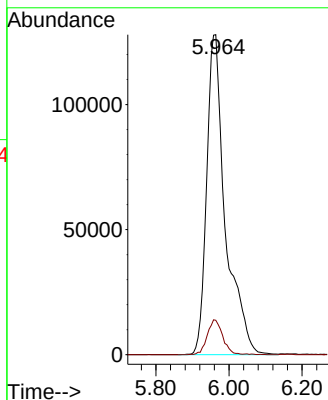
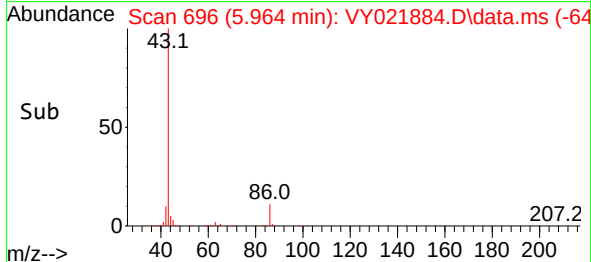
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0415SBS01



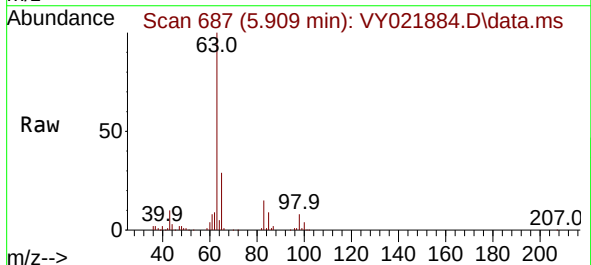
Tgt Ion: 43 Resp: 45408
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.2 12.2

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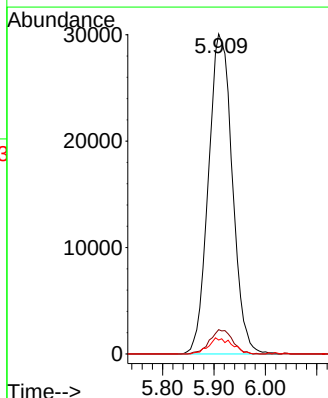
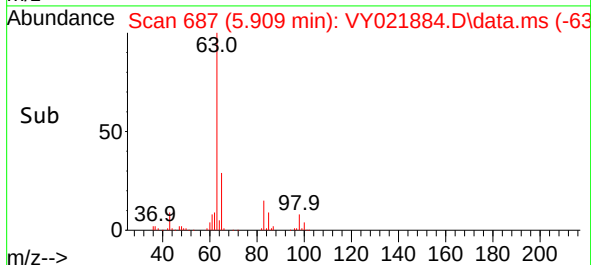
Reviewed By :Mahesh Dadoda 04/16/2025
 Supervised By :Semsettin Yesilyurt 04/16/2025

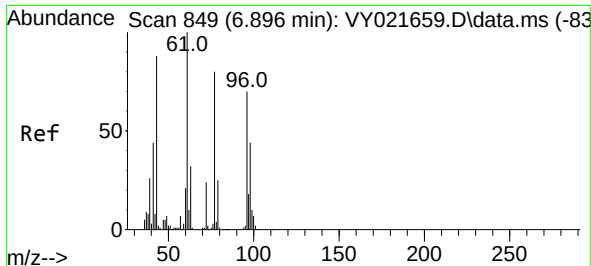


#24
 1,1-Dichloroethane
 Concen: 18.950 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY021884.D
 Acq: 15 Apr 2025 10:08



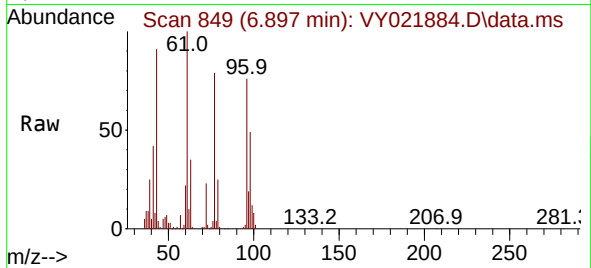
Tgt Ion: 63 Resp: 97028
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.5
 100 4.3 2.2 6.6





#25
2-Butanone
Concen: 90.919 ug/l
RT: 6.897 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08

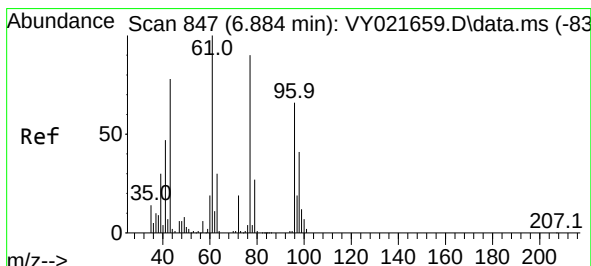
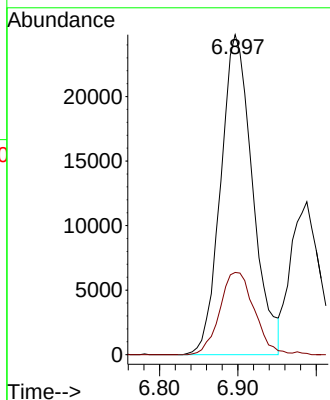
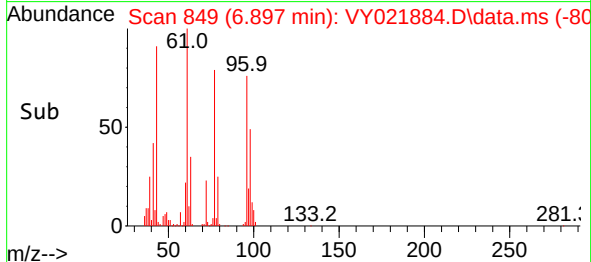
Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01



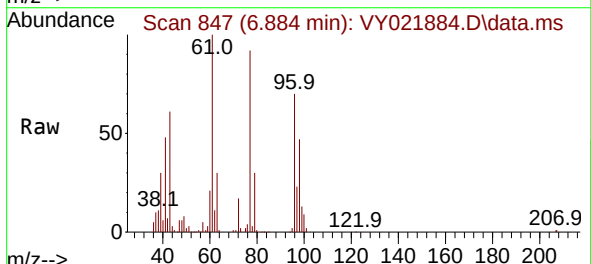
Tgt Ion: 43 Resp: 70283
Ion Ratio Lower Upper
43 100
72 25.7 21.4 32.2

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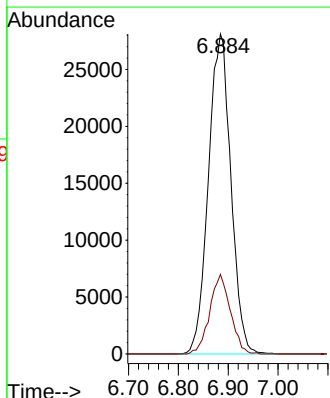
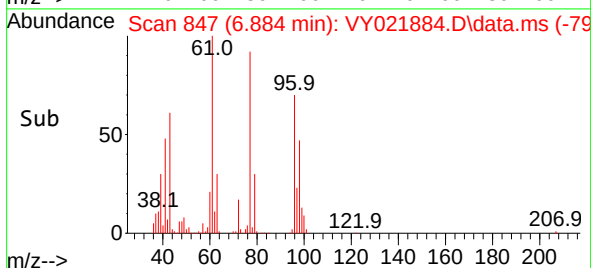
Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

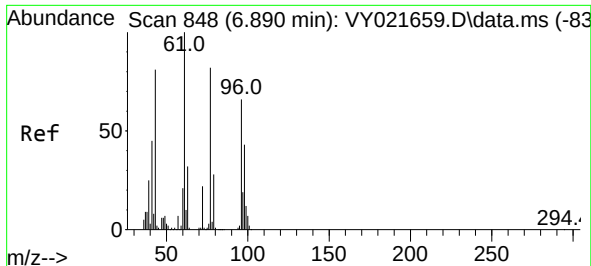


#26
2,2-Dichloropropane
Concen: 19.305 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08



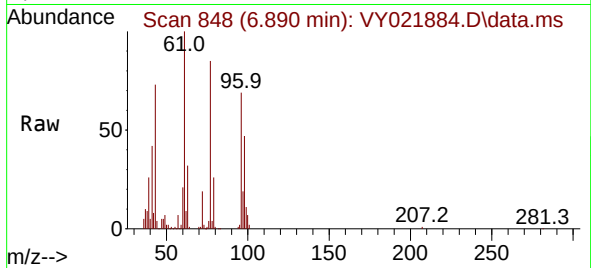
Tgt Ion: 77 Resp: 87922
Ion Ratio Lower Upper
77 100
97 22.9 11.1 33.1





#27
 cis-1,2-Dichloroethene
 Concen: 19.563 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY021884.D
 Acq: 15 Apr 2025 10:08

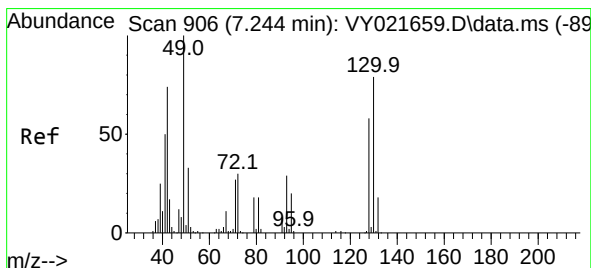
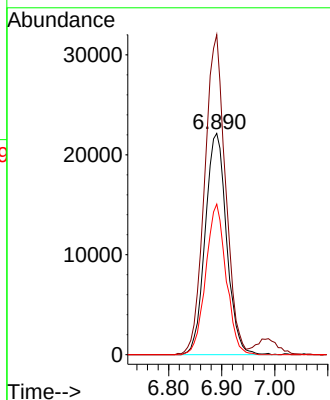
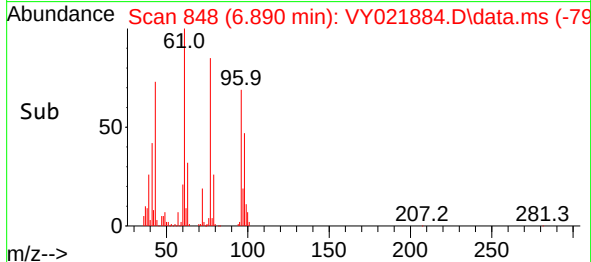
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0415SBS01



Tgt Ion: 96 Resp: 62014
 Ion Ratio Lower Upper
 96 100
 61 141.5 0.0 296.4
 98 64.8 0.0 128.0

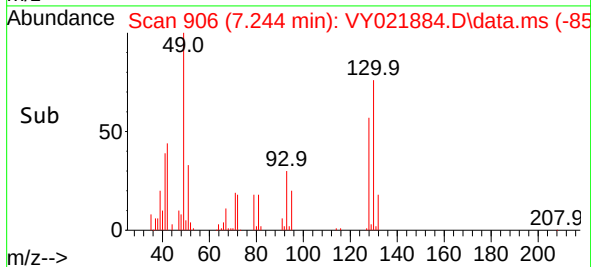
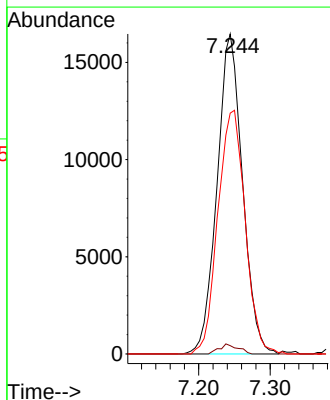
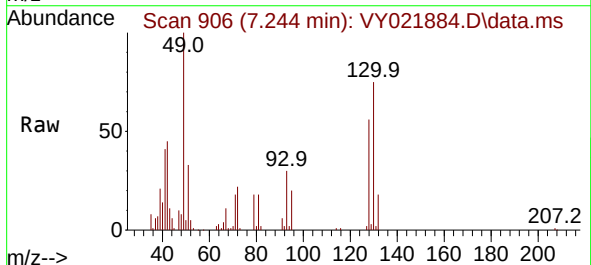
Manual Integrations
 APPROVED

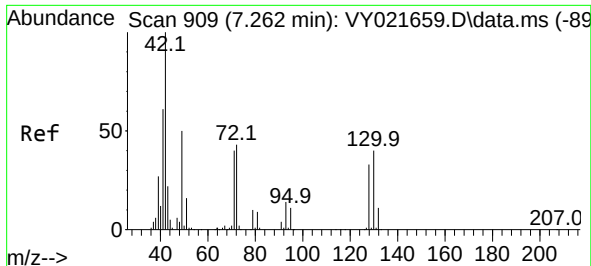
Reviewed By :Mahesh Dadoda 04/16/2025
 Supervised By :Semsettin Yesilyurt 04/16/2025



#28
 Bromochloromethane
 Concen: 18.856 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY021884.D
 Acq: 15 Apr 2025 10:08

Tgt Ion: 49 Resp: 40717
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.4
 130 81.4 60.1 90.1





#29

Tetrahydrofuran

Concen: 87.648 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021884.D

Acq: 15 Apr 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

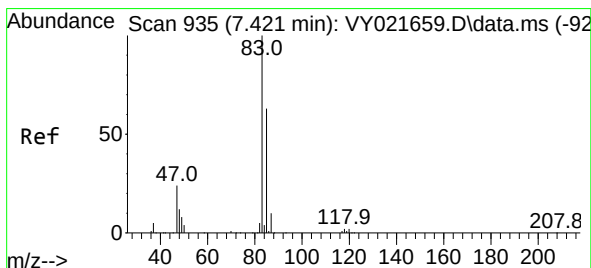
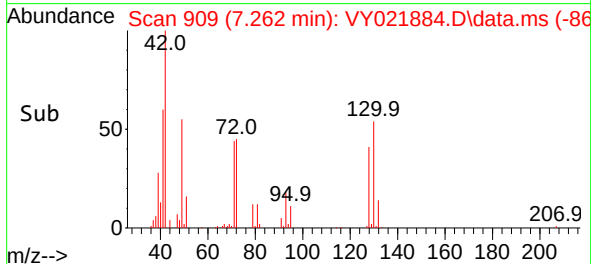
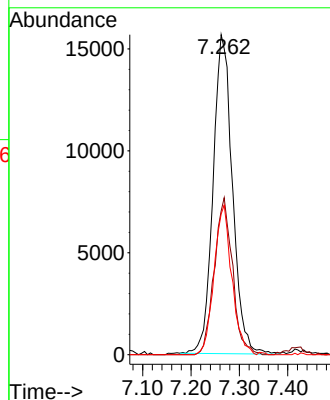
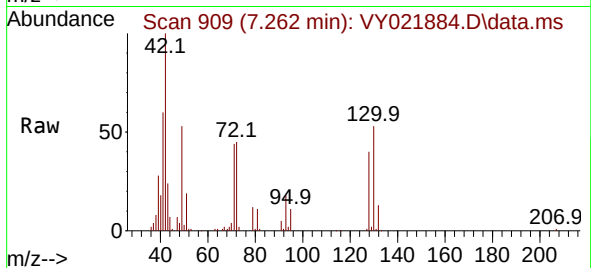
VY0415SBS01

Tgt Ion:	42	Resp:	43600
Ion Ratio	Lower	Upper	
42	100		
72	46.3	34.6	52.0
71	43.0	32.5	48.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#30

Chloroform

Concen: 19.614 ug/l

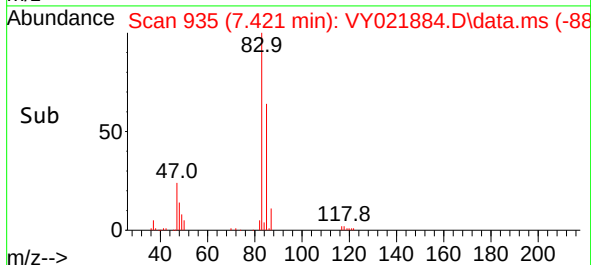
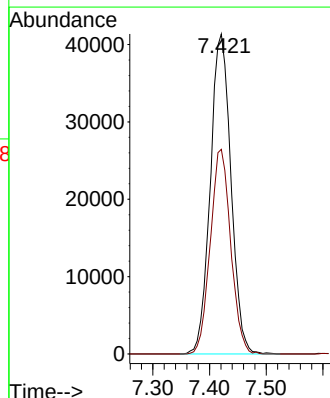
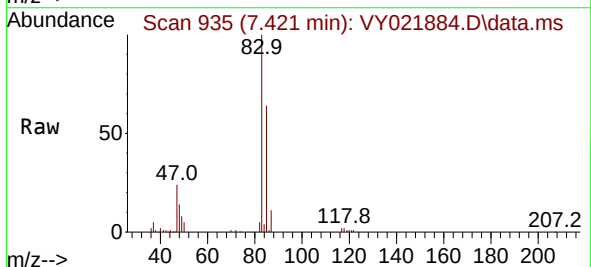
RT: 7.421 min Scan# 935

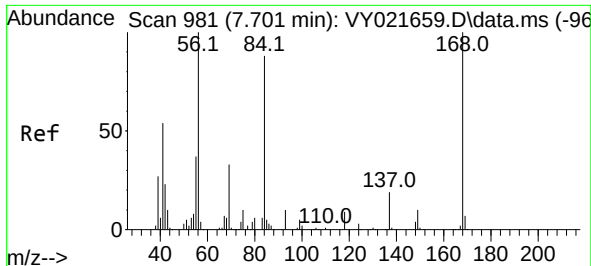
Delta R.T. 0.000 min

Lab File: VY021884.D

Acq: 15 Apr 2025 10:08

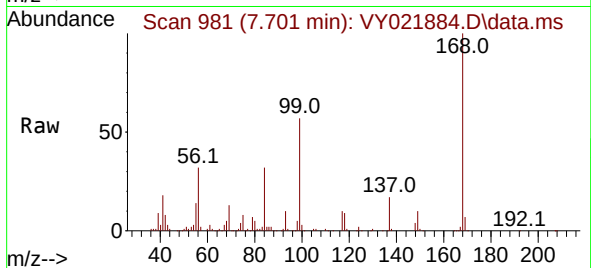
Tgt Ion:	83	Resp:	104451
Ion Ratio	Lower	Upper	
83	100		
85	64.0	50.6	75.8





#31
Cyclohexane
Concen: 17.364 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08

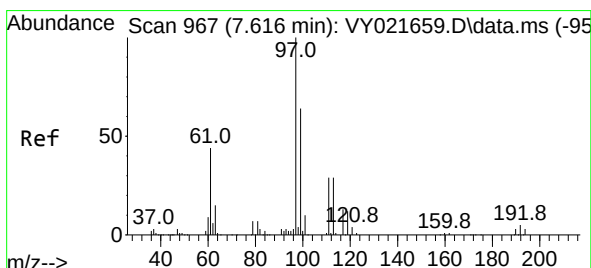
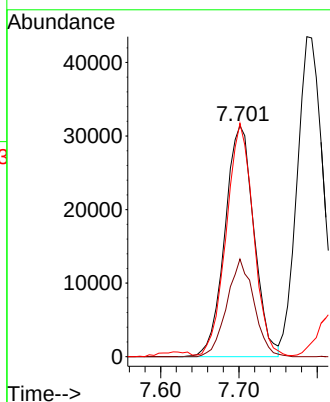
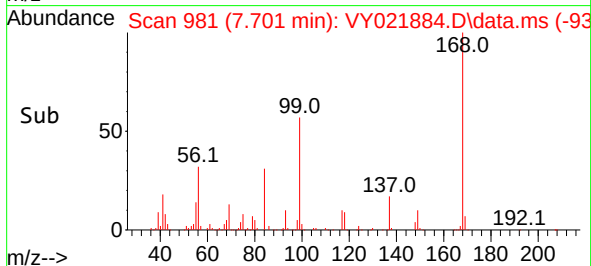
Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01



Tgt Ion: 56 Resp: 8104
Ion Ratio Lower Upper
56 100
69 42.2 26.6 40.0
84 99.1 69.0 103.4

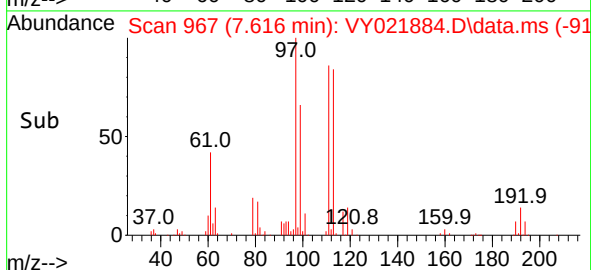
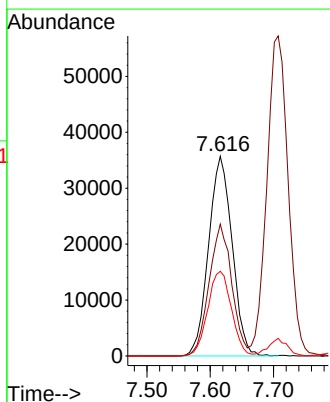
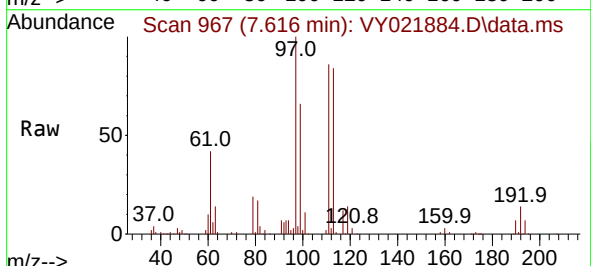
Manual Integrations
APPROVED

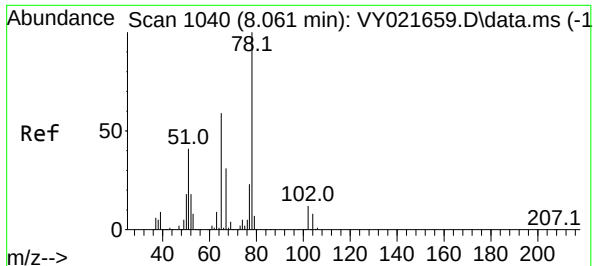
Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#32
1,1,1-Trichloroethane
Concen: 19.194 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08

Tgt Ion: 97 Resp: 92382
Ion Ratio Lower Upper
97 100
99 63.4 50.7 76.1
61 42.6 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 49.876 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY021884.D

Acq: 15 Apr 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0415SBS01

Tgt Ion: 65 Resp: 13189

Ion Ratio Lower Upper

65 100

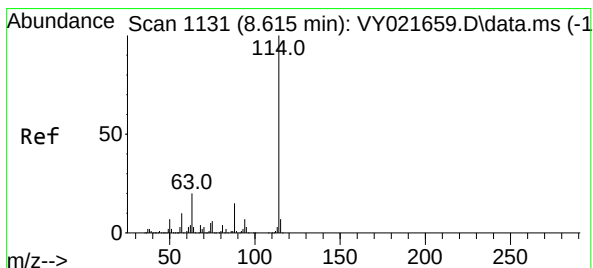
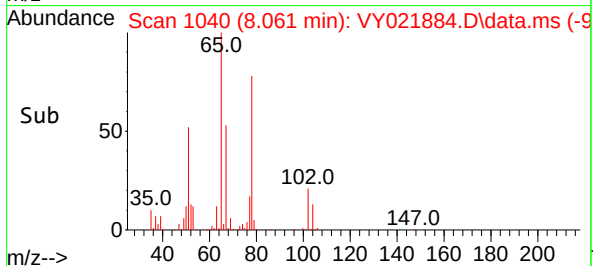
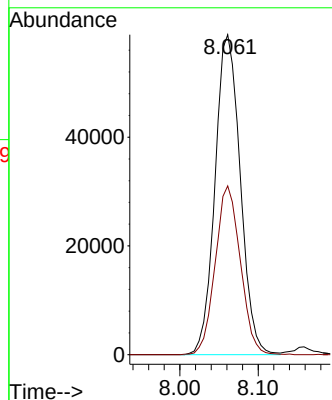
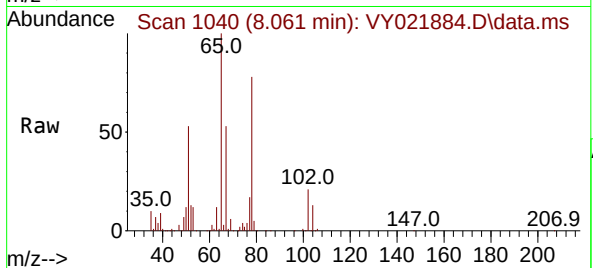
67 52.4 0.0 104.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021884.D

Acq: 15 Apr 2025 10:08

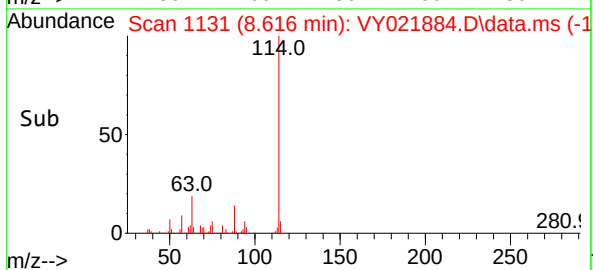
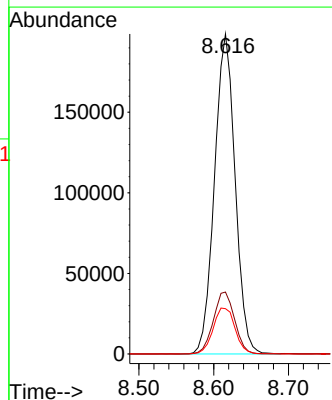
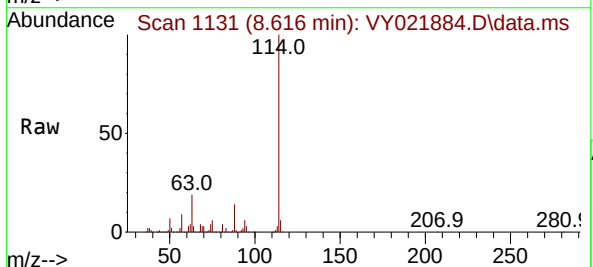
Tgt Ion:114 Resp: 380818

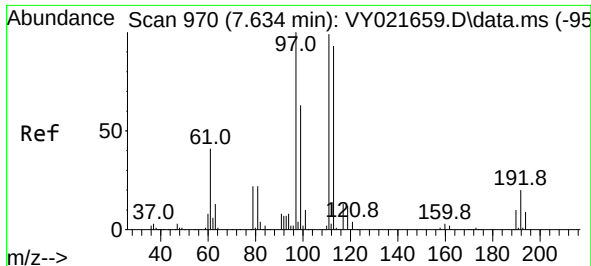
Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.2

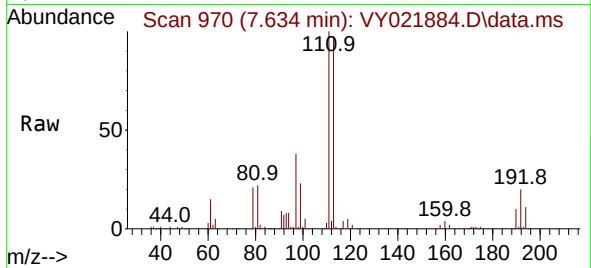
88 14.1 0.0 29.8





#35
Dibromofluoromethane
Concen: 51.592 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08

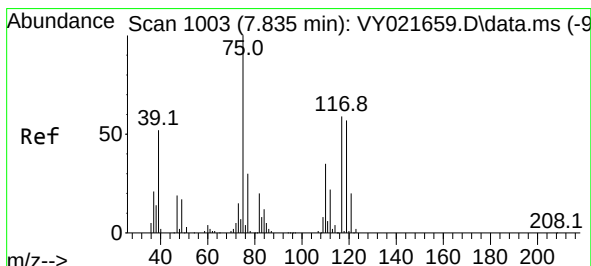
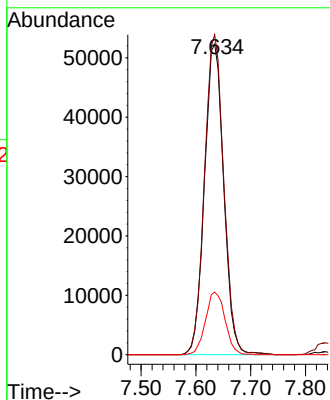
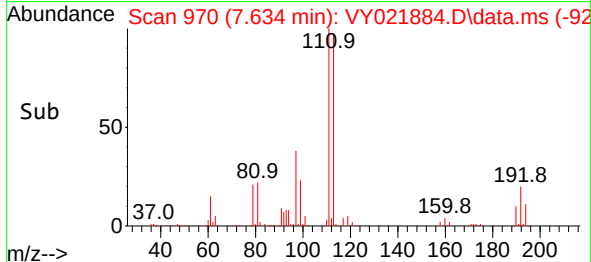
Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01



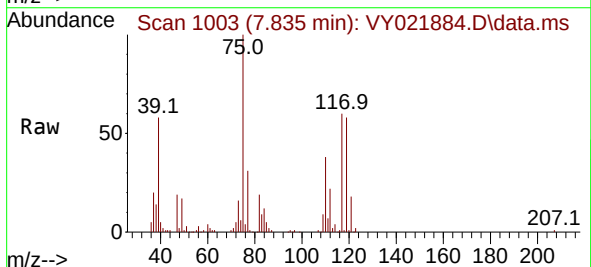
Tgt Ion: 113 Resp: 12744
Ion Ratio Lower Upper
113 100
111 103.3 82.6 123.8
192 20.5 16.2 24.4

Manual Integrations
APPROVED

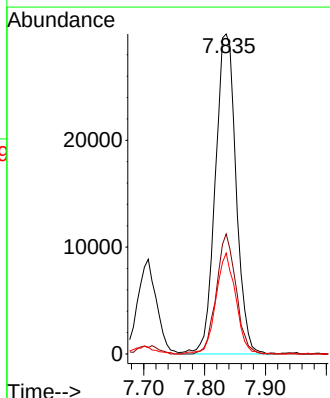
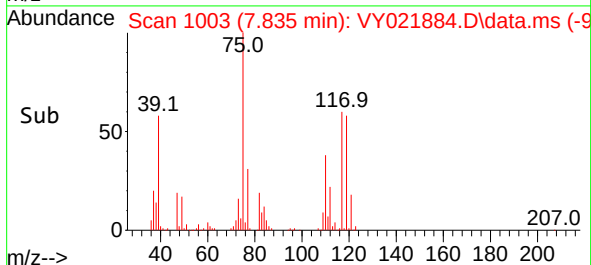
Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

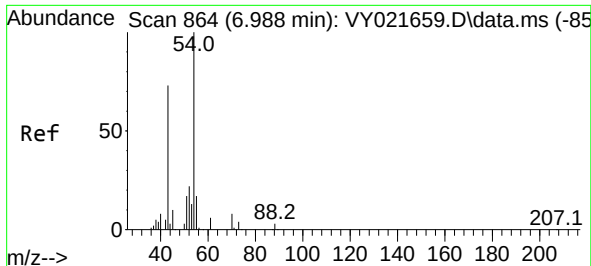


#36
1,1-Dichloropropene
Concen: 18.851 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08



Tgt Ion: 75 Resp: 70929
Ion Ratio Lower Upper
75 100
110 35.5 17.0 50.9
77 30.2 24.8 37.2





#37

Ethyl Acetate

Concen: 18.011 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY021884.D

Acq: 15 Apr 2025 10:08

Instrument :

MSVOA_Y

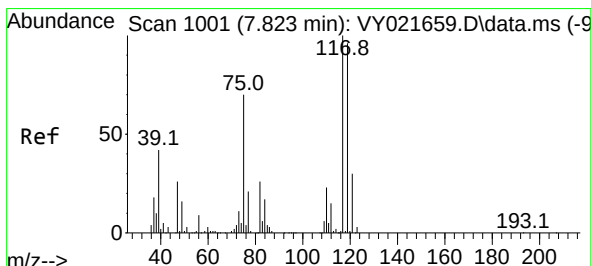
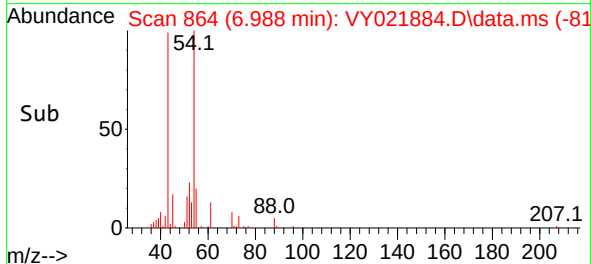
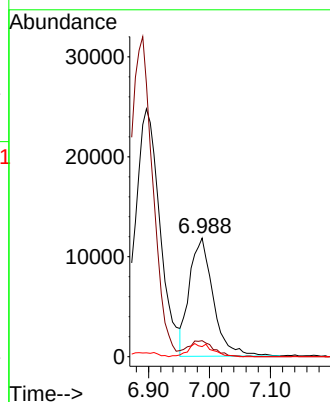
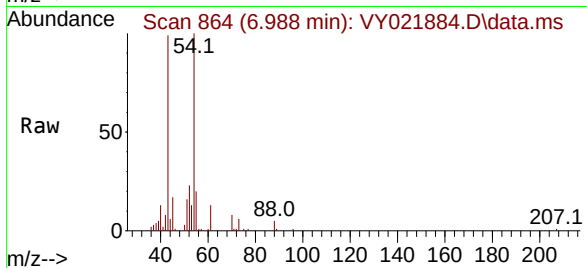
ClientSampleId :

VY0415SBS01

Tgt Ion: 43 Resp: 3198
Ion Ratio Lower Upper
43 100
61 14.4 11.0 16.6
70 11.0 8.1 12.1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#38

Carbon Tetrachloride

Concen: 19.421 ug/l

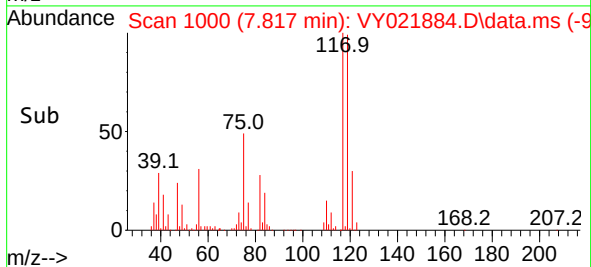
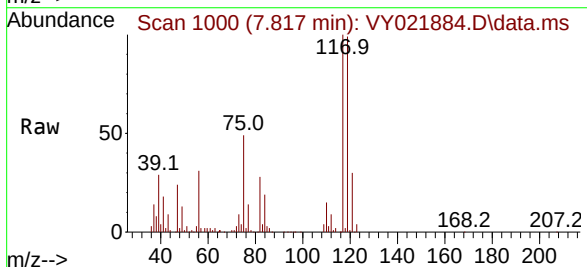
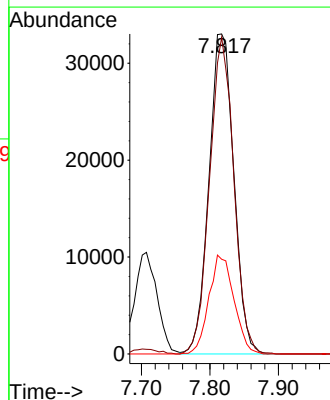
RT: 7.817 min Scan# 1000

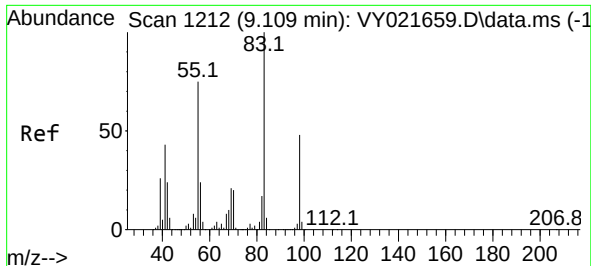
Delta R.T. -0.006 min

Lab File: VY021884.D

Acq: 15 Apr 2025 10:08

Tgt Ion:117 Resp: 83697
Ion Ratio Lower Upper
117 100
119 99.0 76.2 114.4
121 29.6 24.2 36.4





#39

Methylcyclohexane

Concen: 18.607 ug/l

RT: 9.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021884.D

Acq: 15 Apr 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

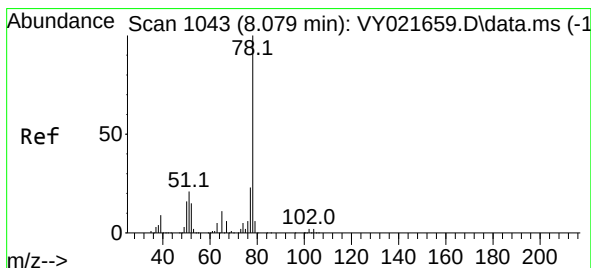
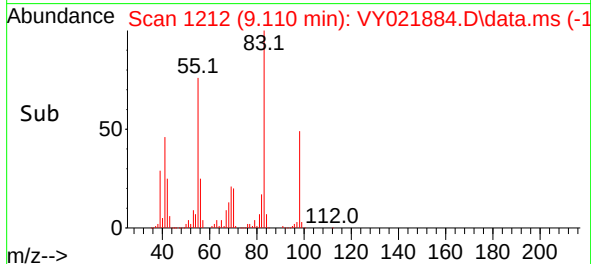
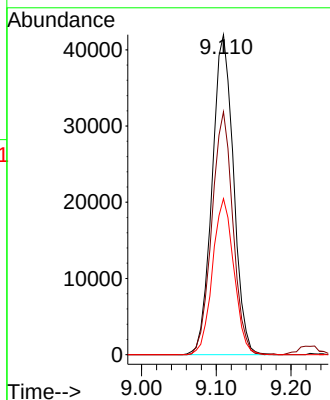
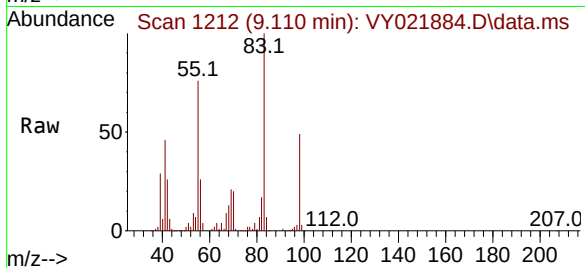
VY0415SBS01

Tgt Ion:	83	Resp:	83630
Ion	Ratio	Lower	Upper
83	100		
55	75.9	59.7	89.5
98	48.8	38.3	57.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#40

Benzene

Concen: 19.386 ug/l

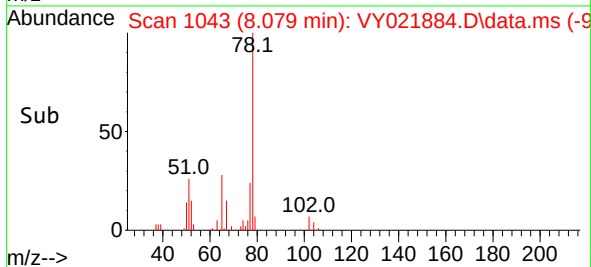
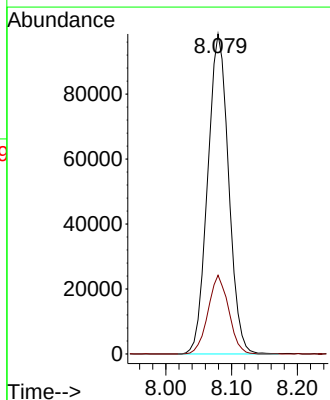
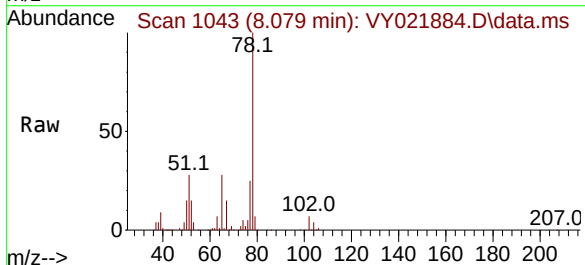
RT: 8.079 min Scan# 1043

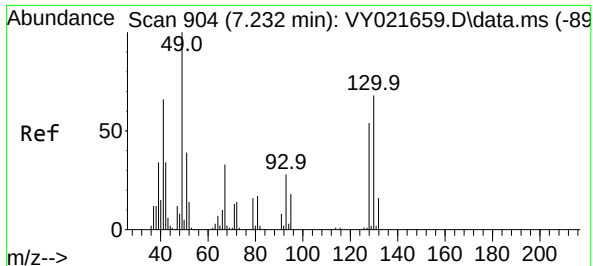
Delta R.T. 0.000 min

Lab File: VY021884.D

Acq: 15 Apr 2025 10:08

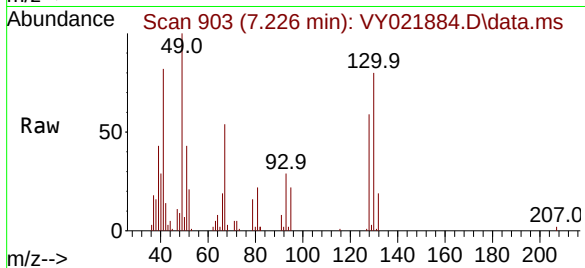
Tgt Ion:	78	Resp:	218445
Ion	Ratio	Lower	Upper
78	100		
77	24.6	18.8	28.2





#41
Methacrylonitrile
Concen: 18.941 ug/l
RT: 7.226 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08

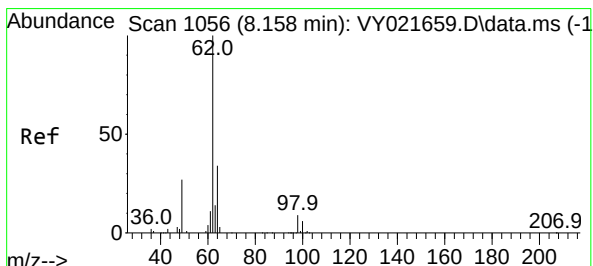
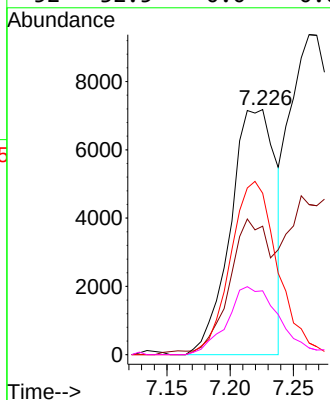
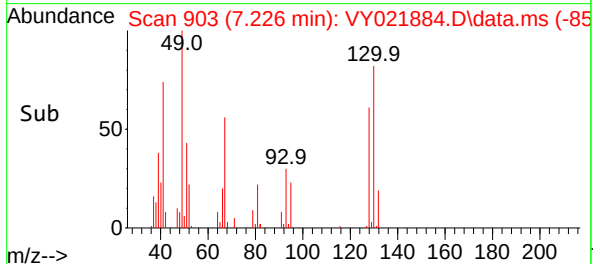
Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01



Tgt Ion: 41 Resp: 17862
Ion Ratio Lower Upper
41 100
39 48.3 0.0 0.0
67 74.2 0.0 0.0
52 32.5 0.0 0.0

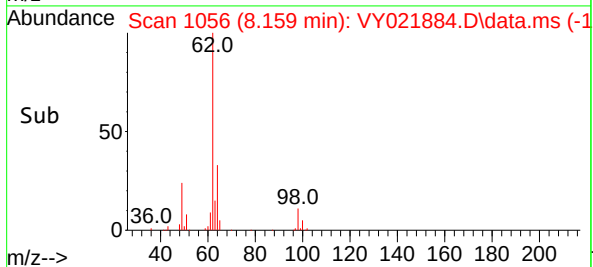
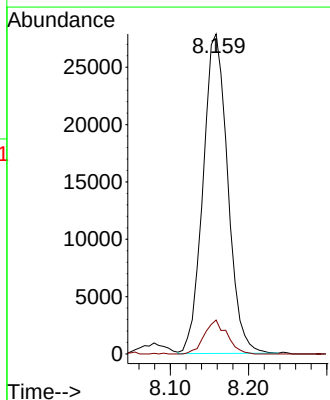
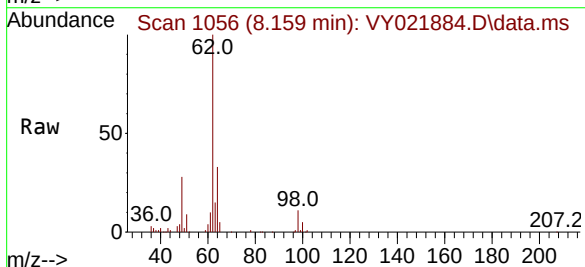
Manual Integrations
APPROVED

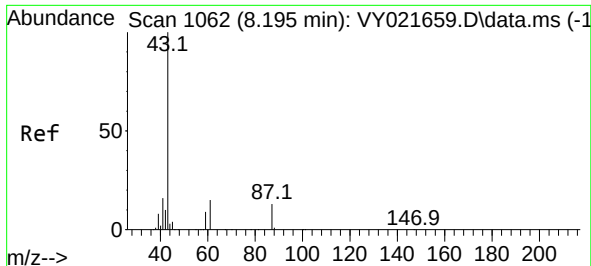
Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#42
1,2-Dichloroethane
Concen: 19.204 ug/l
RT: 8.159 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08

Tgt Ion: 62 Resp: 61004
Ion Ratio Lower Upper
62 100
98 9.8 0.0 18.4





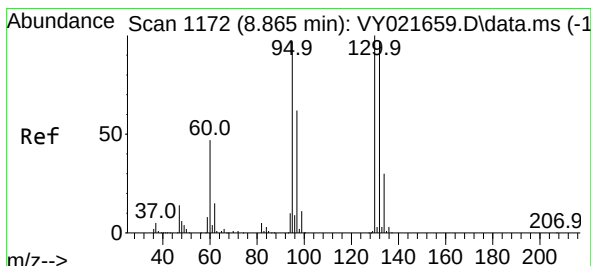
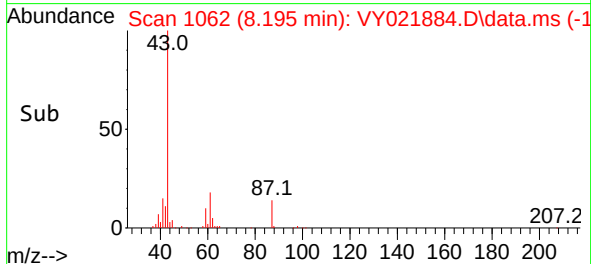
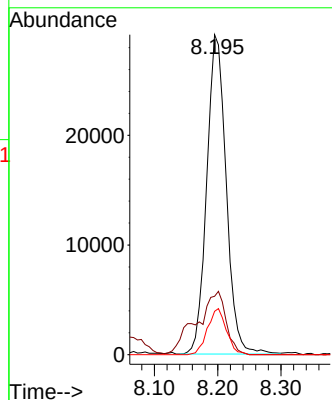
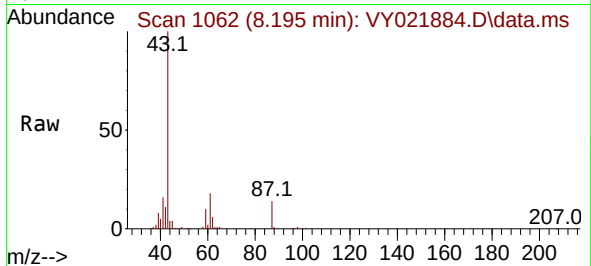
#43
Isopropyl Acetate
Concen: 18.521 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01

Tgt Ion: 43 Resp: 62320
Ion Ratio Lower Upper
43 100
61 18.8 15.9 23.9
87 14.0 10.4 15.6

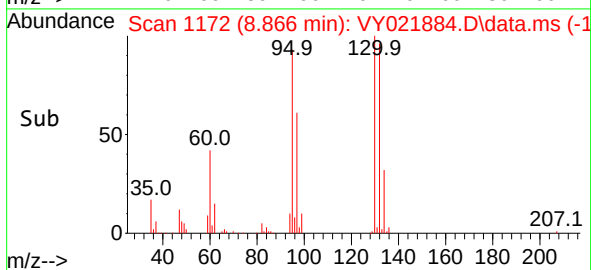
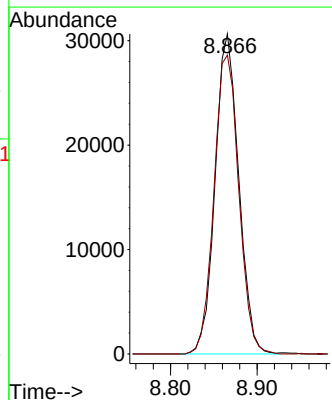
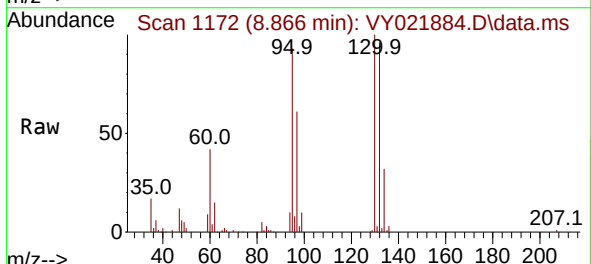
Manual Integrations
APPROVED

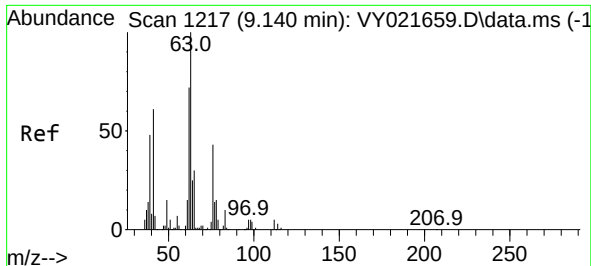
Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#44
Trichloroethene
Concen: 20.242 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08

Tgt Ion:130 Resp: 58117
Ion Ratio Lower Upper
130 100
95 93.4 0.0 194.8





#45

1,2-Dichloropropane

Concen: 19.522 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021884.D

Acq: 15 Apr 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0415SBS01

Tgt Ion: 63 Resp: 52070

Ion Ratio Lower Upper

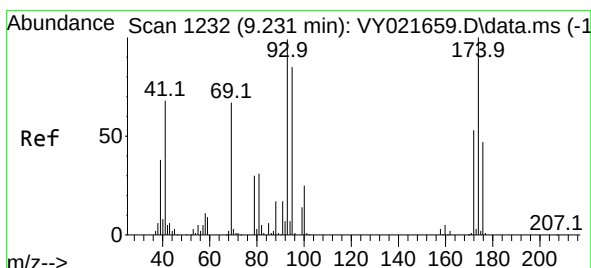
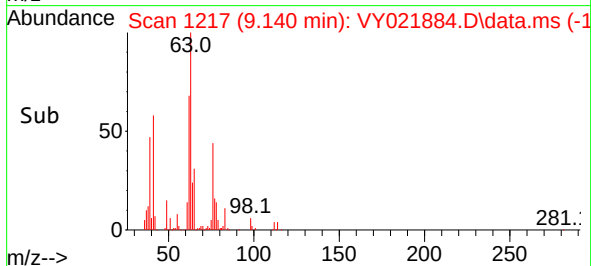
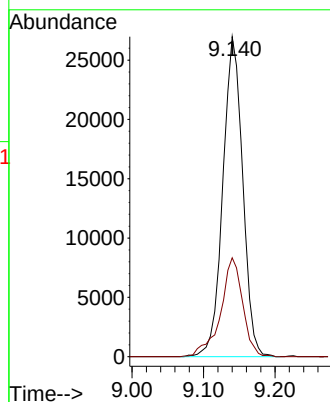
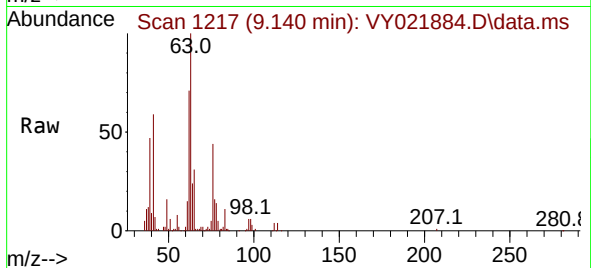
63 100

65 30.9 24.4 36.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#46

Dibromomethane

Concen: 19.761 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021884.D

Acq: 15 Apr 2025 10:08

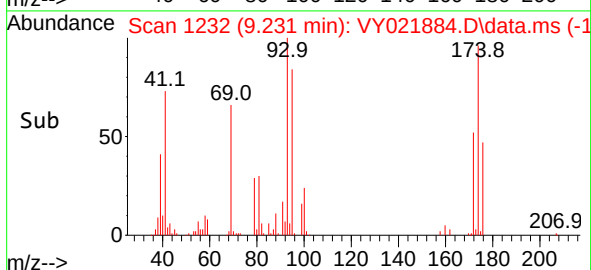
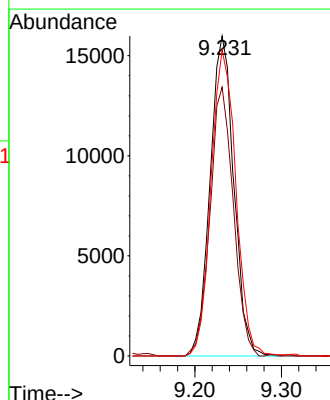
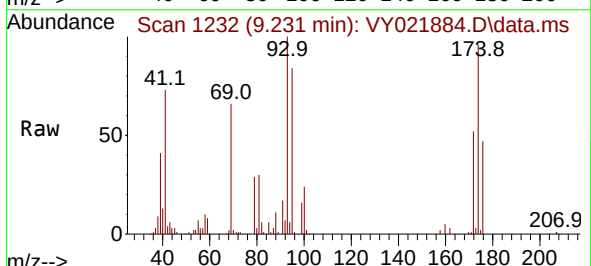
Tgt Ion: 93 Resp: 30377

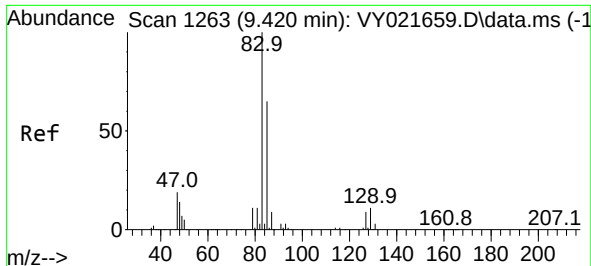
Ion Ratio Lower Upper

93 100

95 82.6 68.1 102.1

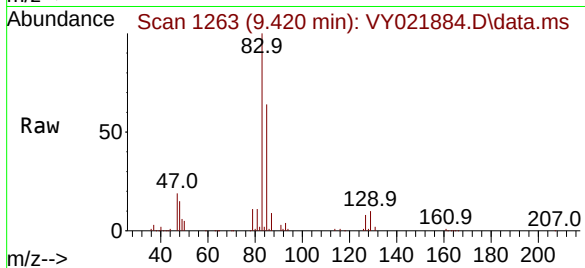
174 99.9 80.9 121.3





#47
Bromodichloromethane
Concen: 19.790 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08

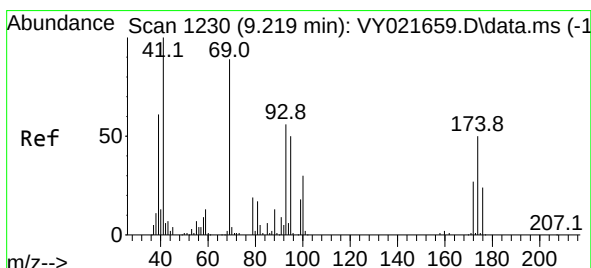
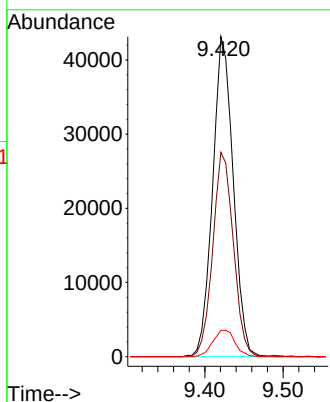
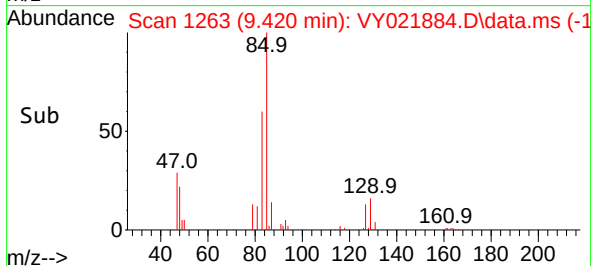
Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01



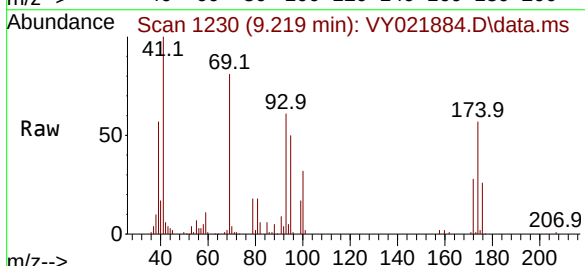
Tgt Ion: 83 Resp: 78820
Ion Ratio Lower Upper
83 100
85 63.8 51.8 77.6
127 8.2 6.8 10.2

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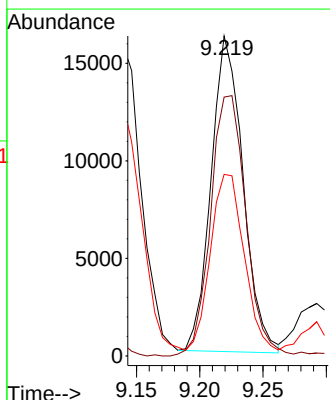
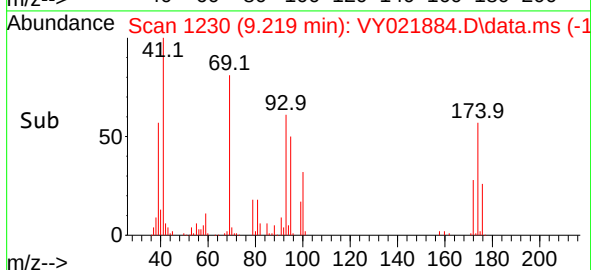
Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

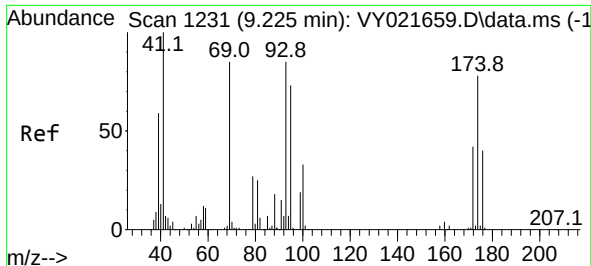


#48
Methyl methacrylate
Concen: 18.373 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08



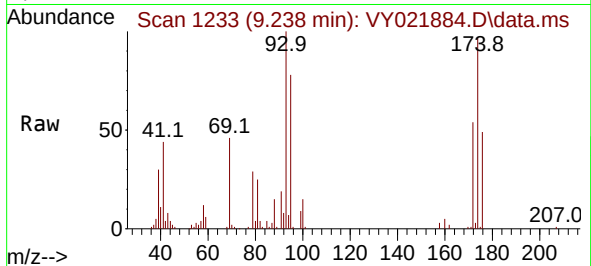
Tgt Ion: 41 Resp: 28377
Ion Ratio Lower Upper
41 100
69 91.1 69.8 104.8
39 58.9 47.2 70.8





#49
1,4-Dioxane
Concen: 374.498 ug/l
RT: 9.238 min Scan# 1233
Delta R.T. 0.012 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08

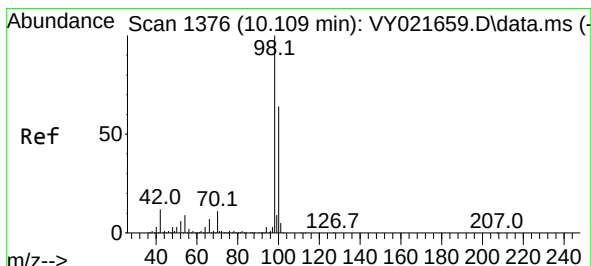
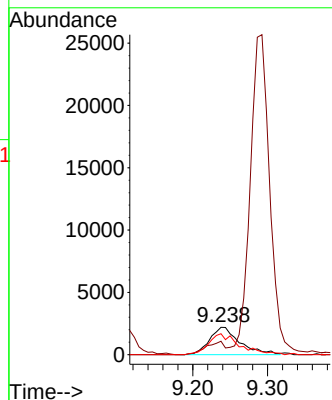
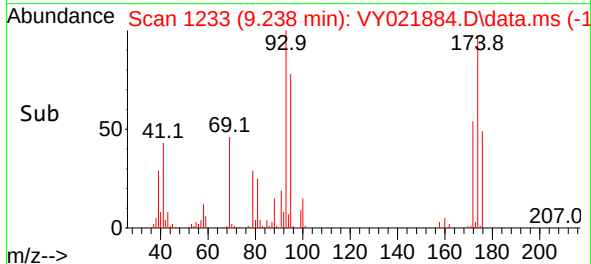
Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01



Tgt Ion: 88 Resp: 616
Ion Ratio Lower Upper
88 100
43 29.4 28.8 43.2
58 78.5 59.4 89.2

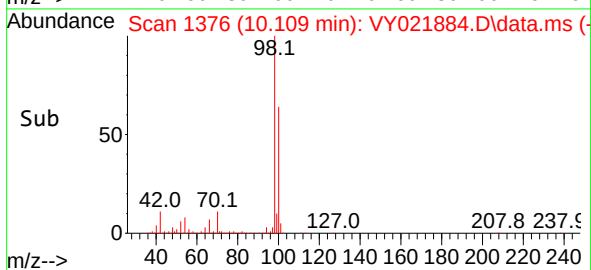
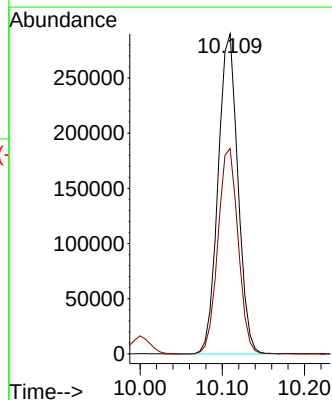
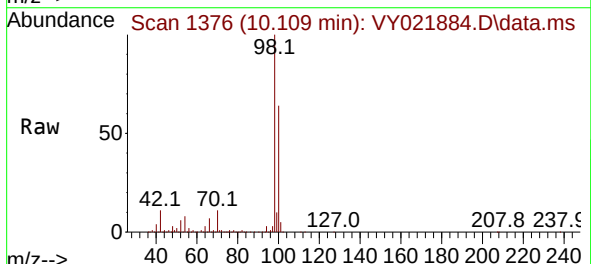
Manual Integrations
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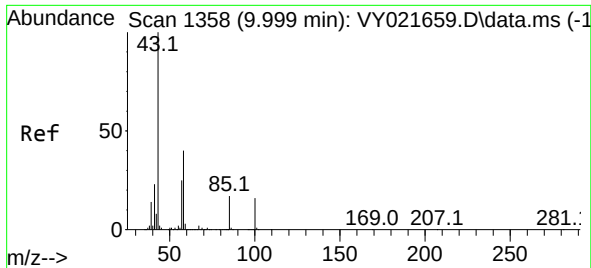
Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#50
Toluene-d8
Concen: 51.700 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08

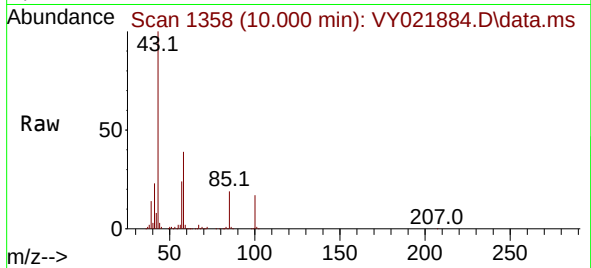
Tgt Ion: 98 Resp: 485868
Ion Ratio Lower Upper
98 100
100 65.5 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 93.875 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08

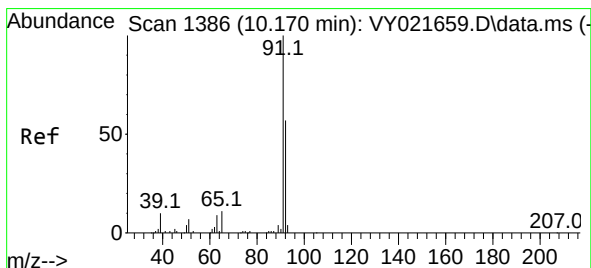
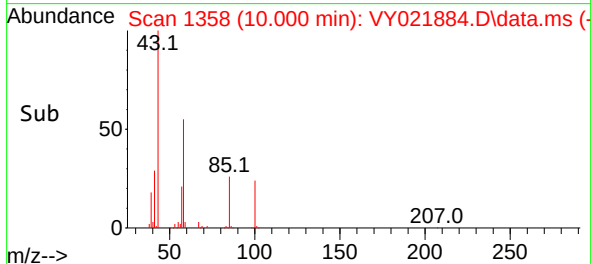
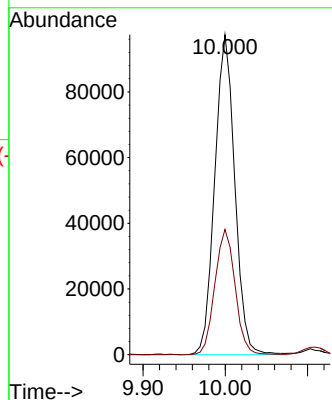
Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01



Tgt Ion: 43 Resp: 164397
Ion Ratio Lower Upper
43 100
58 39.5 31.5 47.3

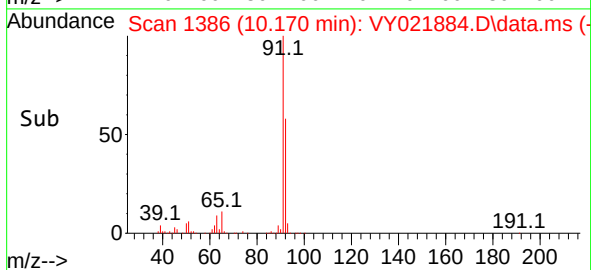
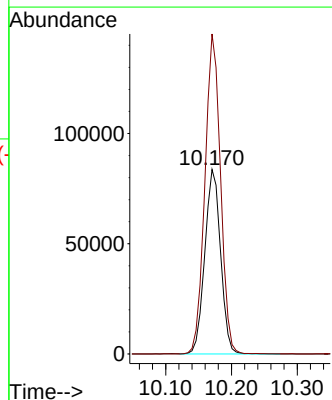
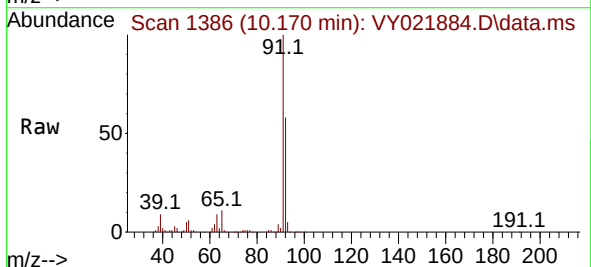
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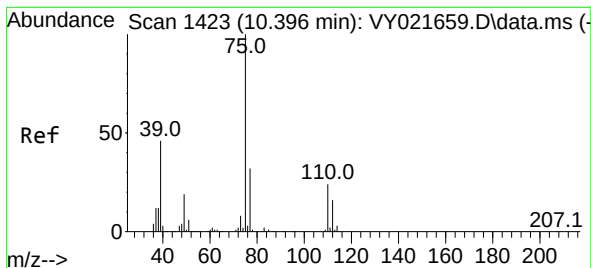
Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#52
Toluene
Concen: 19.881 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08

Tgt Ion: 92 Resp: 139771
Ion Ratio Lower Upper
92 100
91 171.8 138.6 207.8





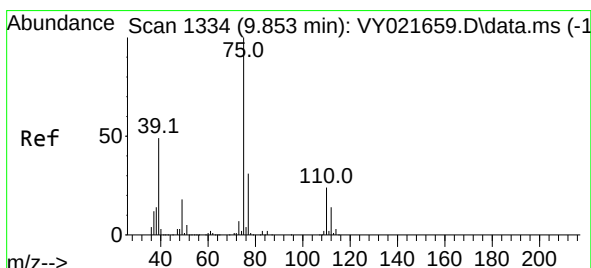
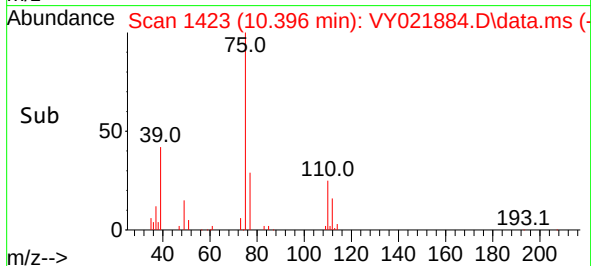
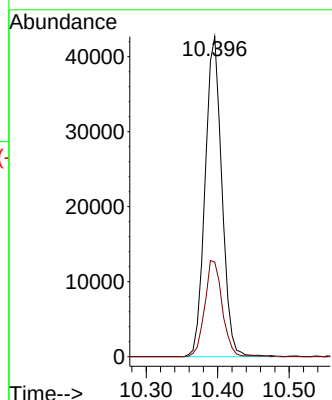
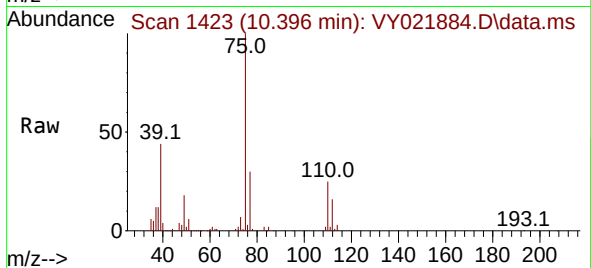
#53
t-1,3-Dichloropropene
Concen: 19.608 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01

Tgt Ion: 75 Resp: 69372
Ion Ratio Lower Upper
75 100
77 29.6 25.3 37.9

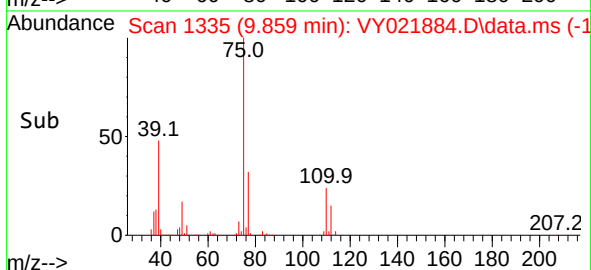
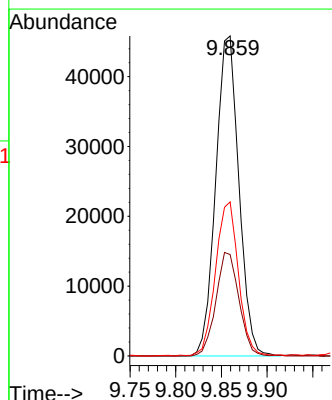
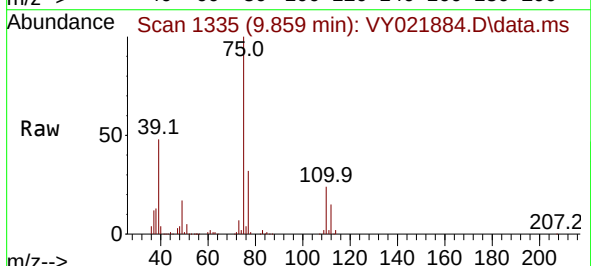
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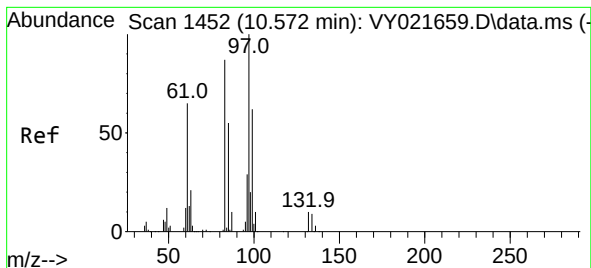
Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#54
cis-1,3-Dichloropropene
Concen: 19.361 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08

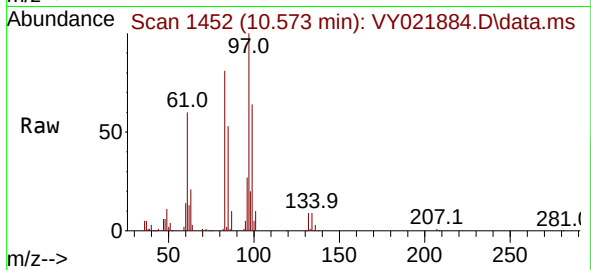
Tgt Ion: 75 Resp: 80810
Ion Ratio Lower Upper
75 100
77 31.7 24.9 37.3
39 47.9 39.2 58.8





#55
1,1,2-Trichloroethane
Concen: 20.476 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01

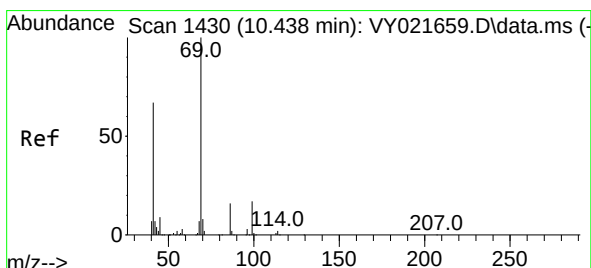
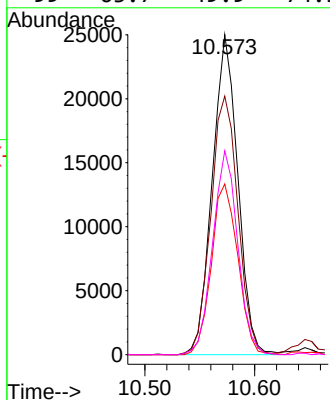
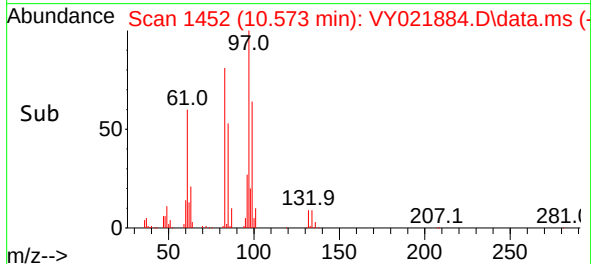


Tgt Ion: 97 Resp: 4050

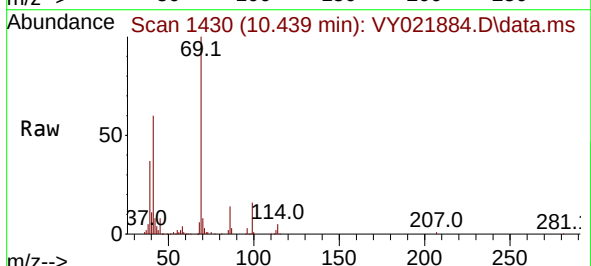
Ion	Ratio	Lower	Upper
97	100		
83	80.8	69.5	104.3
85	53.3	43.9	65.9
99	63.7	49.9	74.9

Manual Integrations
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Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

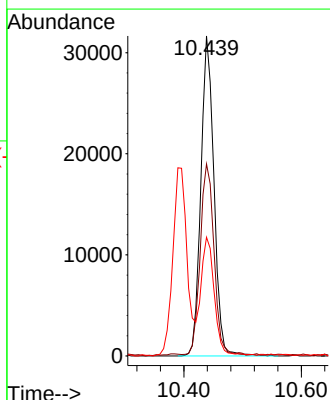
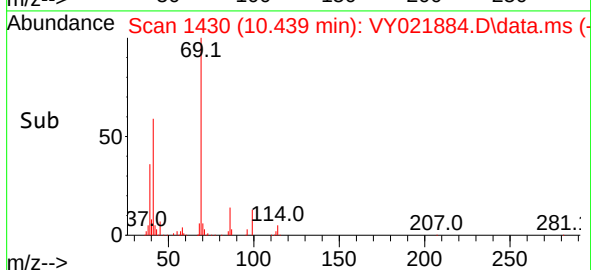


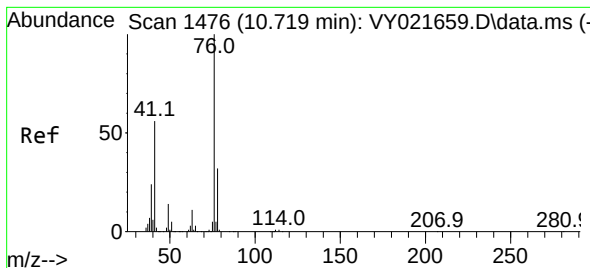
#56
Ethyl methacrylate
Concen: 19.436 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08



Tgt Ion: 69 Resp: 49093

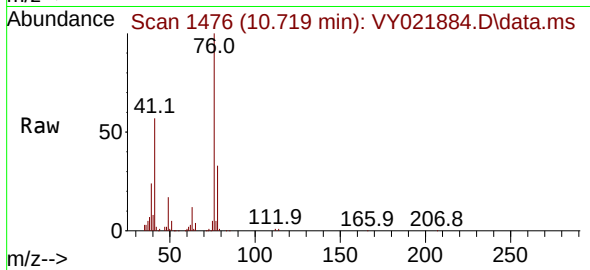
Ion	Ratio	Lower	Upper
69	100		
41	62.9	53.8	80.6
39	37.1	29.6	44.4





#57
1,3-Dichloropropane
Concen: 19.873 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08

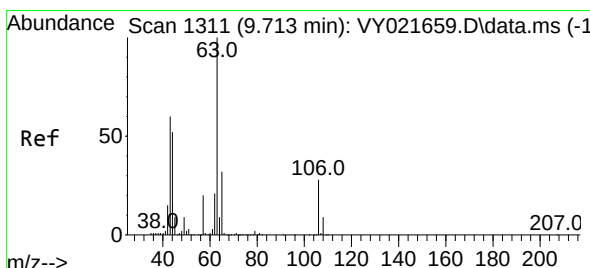
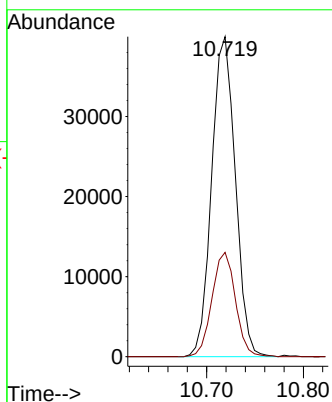
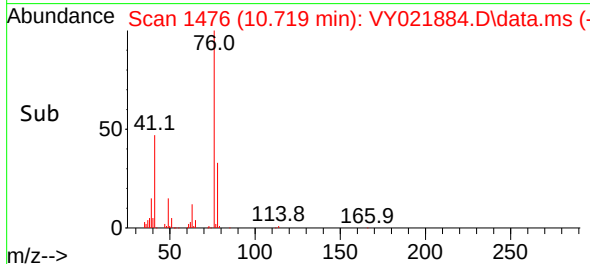
Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01



Tgt Ion: 76 Resp: 6789
Ion Ratio Lower Upper
76 100
78 32.3 25.8 38.8

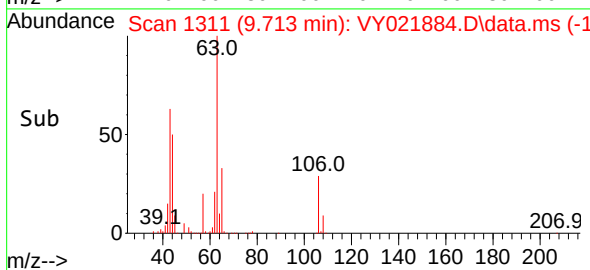
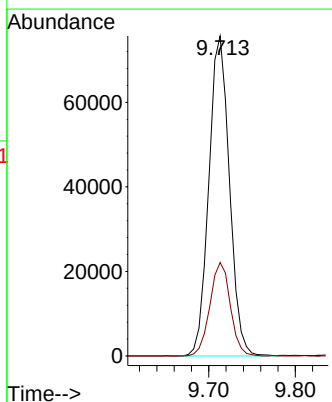
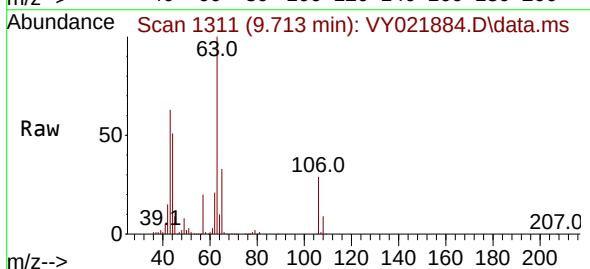
Manual Integrations
APPROVED

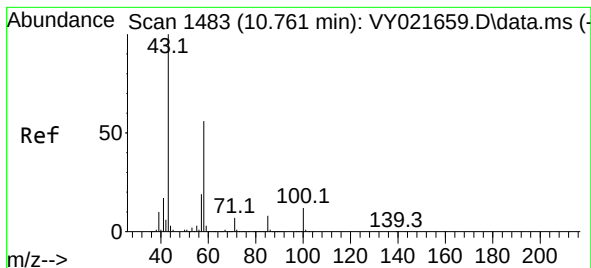
Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#58
2-Chloroethyl Vinyl ether
Concen: 101.478 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08

Tgt Ion: 63 Resp: 125045
Ion Ratio Lower Upper
63 100
106 28.9 22.4 33.6





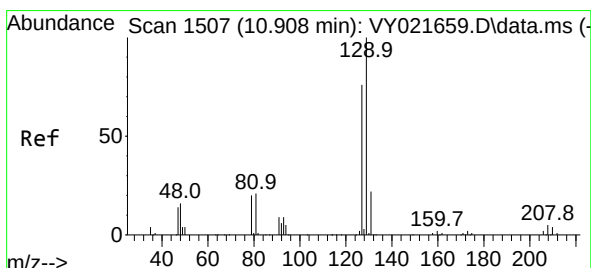
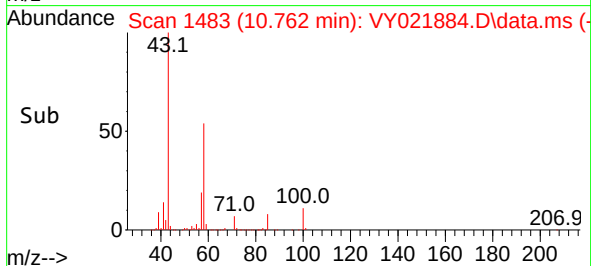
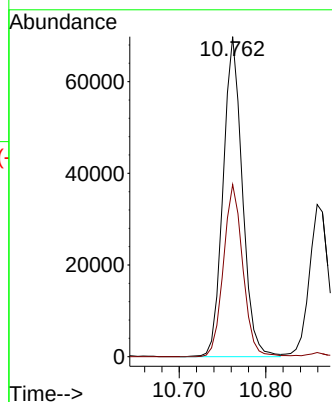
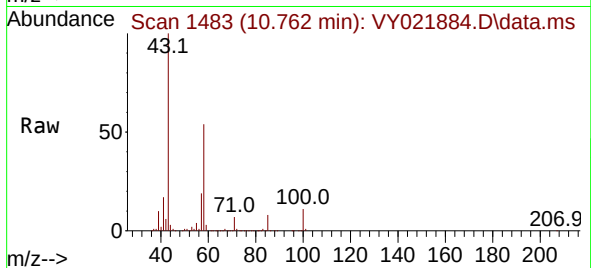
#59
2-Hexanone
Concen: 92.272 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01

Tgt Ion: 43 Resp: 107610
Ion Ratio Lower Upper
43 100
58 54.2 27.2 81.5

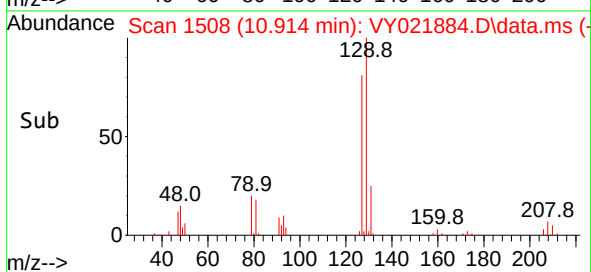
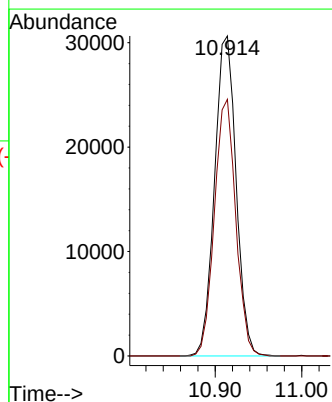
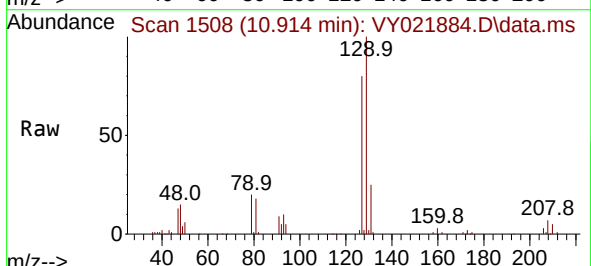
Manual Integrations
APPROVED

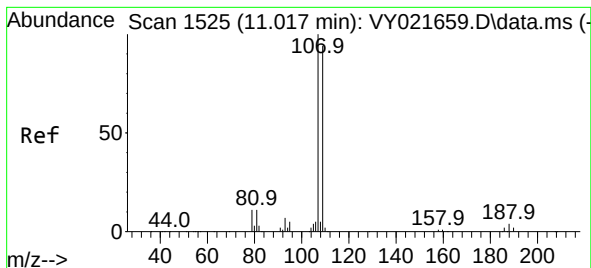
Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#60
Dibromochloromethane
Concen: 19.631 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08

Tgt Ion:129 Resp: 53020
Ion Ratio Lower Upper
129 100
127 79.5 38.6 115.7





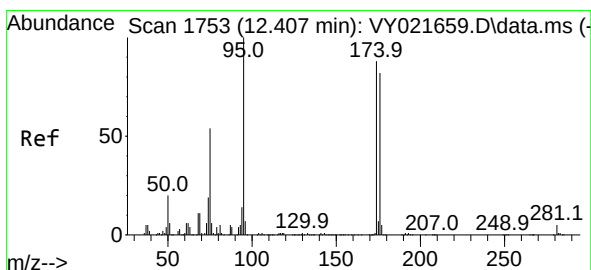
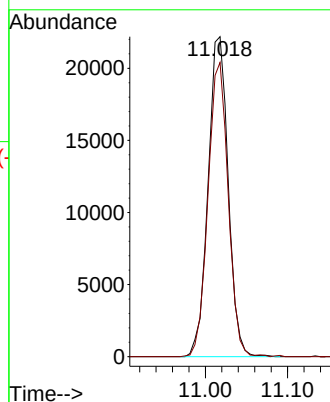
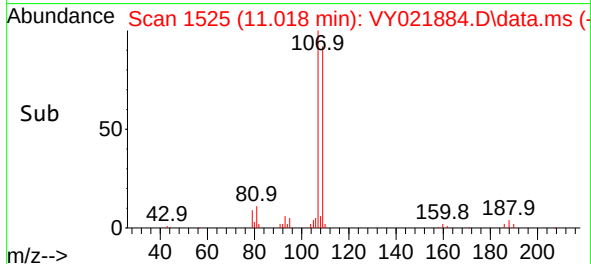
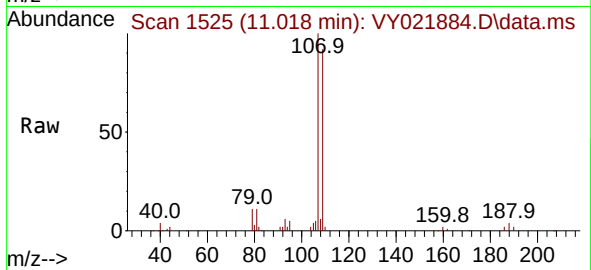
#61
1,2-Dibromoethane
Concen: 20.303 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01

Tgt Ion:107 Resp: 3767
Ion Ratio Lower Upper
107 100
109 92.2 74.4 111.6

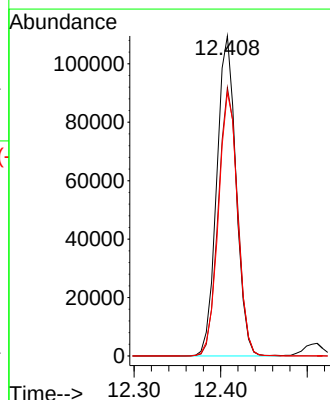
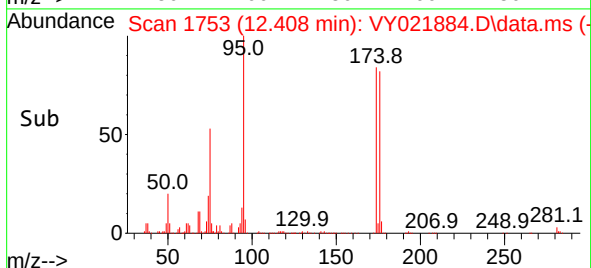
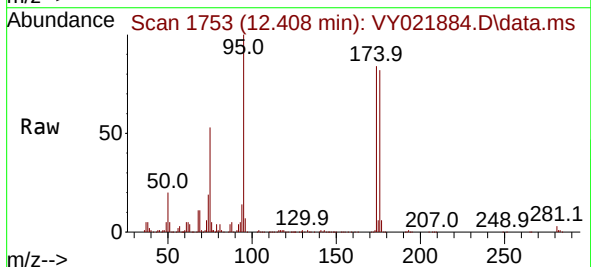
Manual Integrations
APPROVED

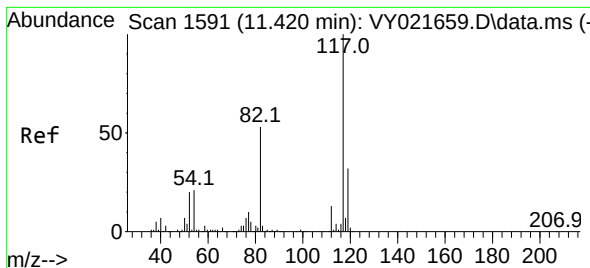
Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#62
4-Bromofluorobenzene
Concen: 53.268 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08

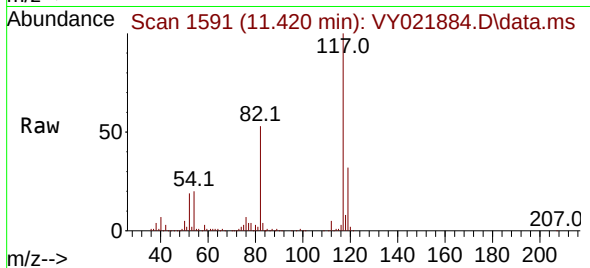
Tgt Ion: 95 Resp: 169326
Ion Ratio Lower Upper
95 100
174 84.1 0.0 170.8
176 82.1 0.0 162.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08

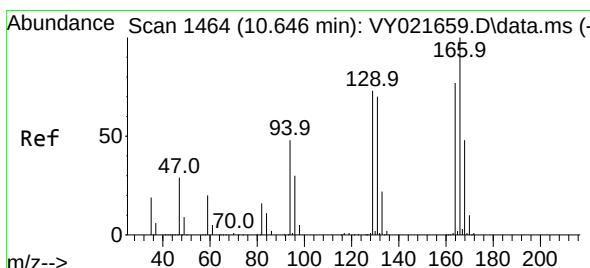
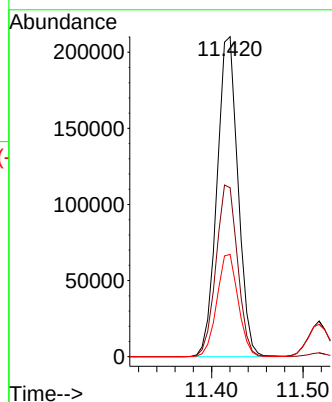
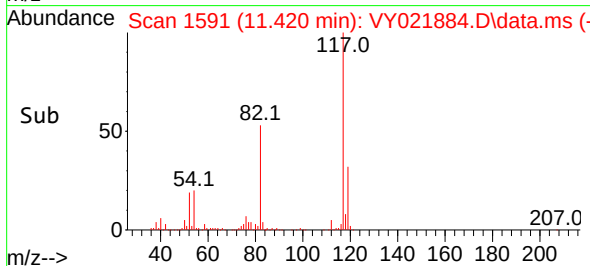
Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01



Tgt Ion:117 Resp: 336190
Ion Ratio Lower Upper
117 100
82 52.8 42.8 64.2
119 31.9 25.7 38.5

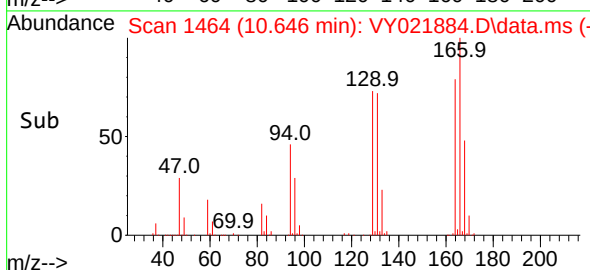
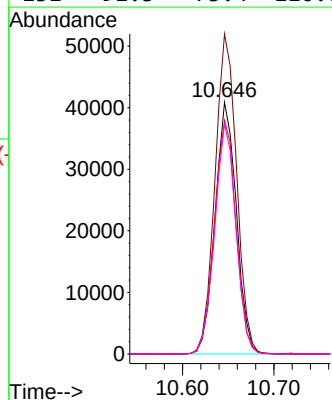
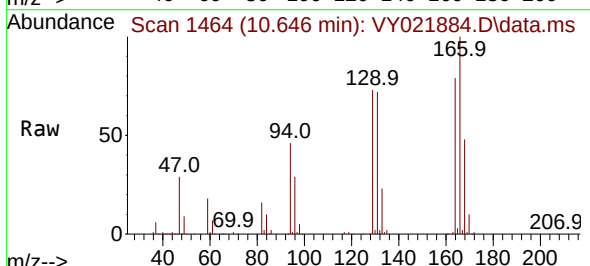
Manual Integrations
APPROVED

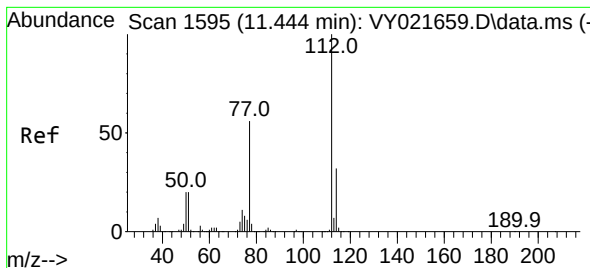
Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#64
Tetrachloroethene
Concen: 21.659 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08

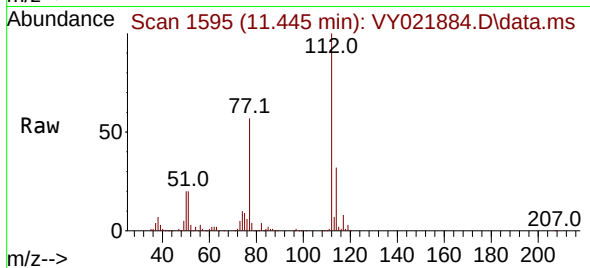
Tgt Ion:164 Resp: 66318
Ion Ratio Lower Upper
164 100
166 127.1 104.6 156.8
129 92.8 76.6 114.8
131 91.3 73.4 110.0





#65
Chlorobenzene
Concen: 19.702 ug/l
RT: 11.445 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08

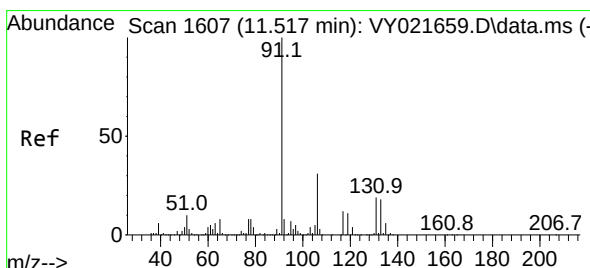
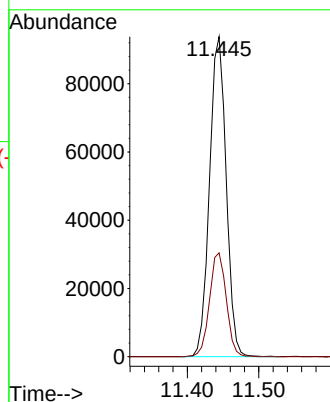
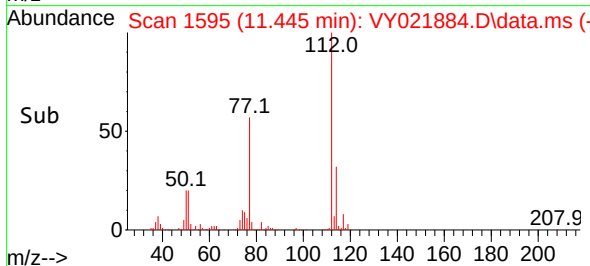
Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01



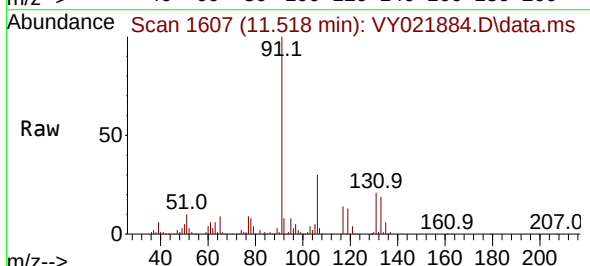
Tgt Ion:112 Resp: 151834
Ion Ratio Lower Upper
112 100
114 32.4 25.9 38.9

Manual Integrations
APPROVED

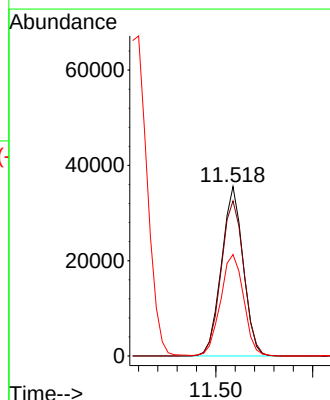
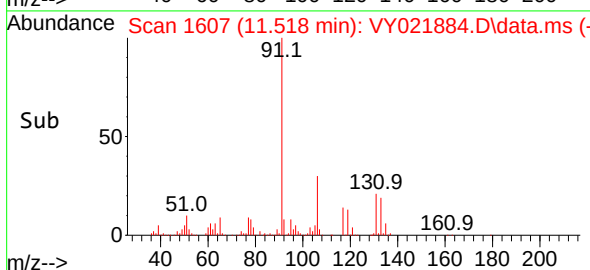
Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

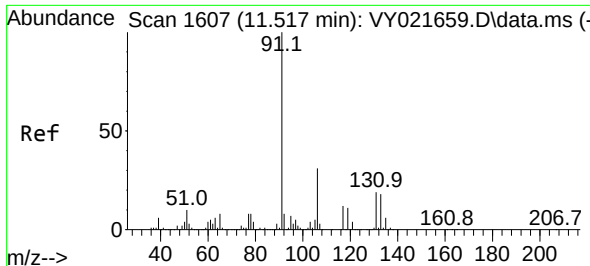


#66
1,1,1,2-Tetrachloroethane
Concen: 20.238 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08



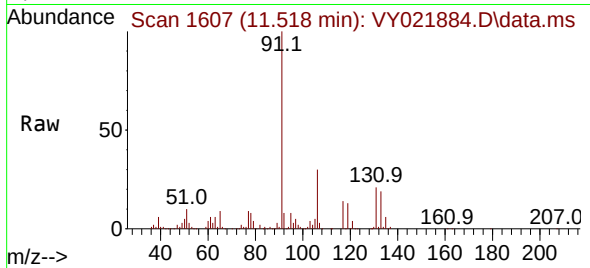
Tgt Ion:131 Resp: 55337
Ion Ratio Lower Upper
131 100
133 96.2 47.3 141.8
119 64.0 31.6 95.0





#67
Ethyl Benzene
Concen: 19.435 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08

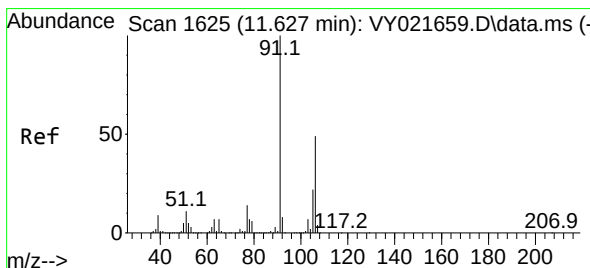
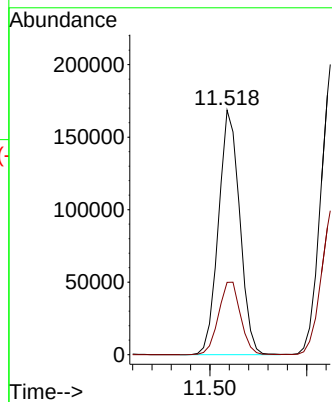
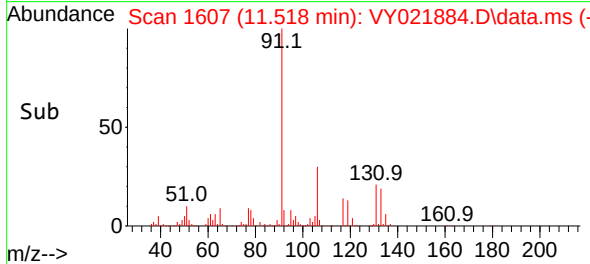
Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01



Tgt Ion: 91 Resp: 256839
Ion Ratio Lower Upper
91 100
106 29.6 24.6 36.8

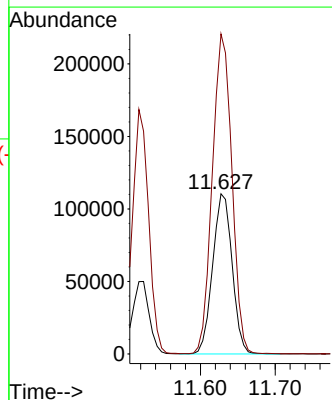
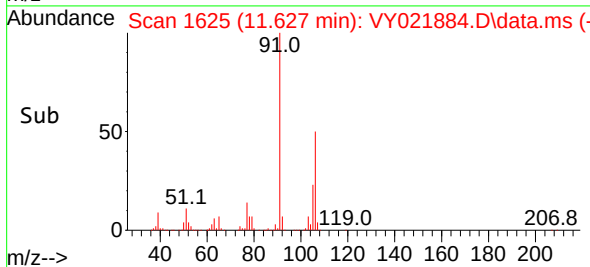
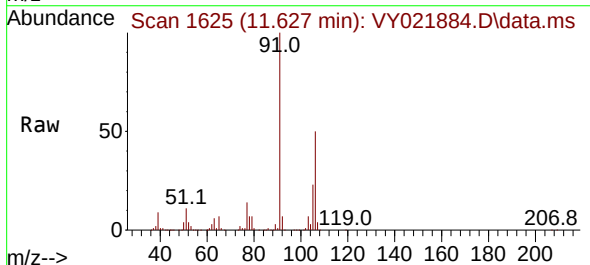
Manual Integrations
APPROVED

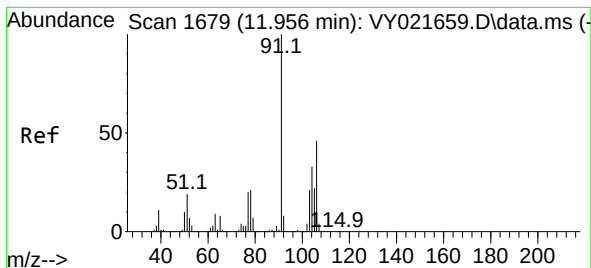
Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#68
m/p-Xylenes
Concen: 39.480 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08

Tgt Ion:106 Resp: 199787
Ion Ratio Lower Upper
106 100
91 201.0 162.4 243.6





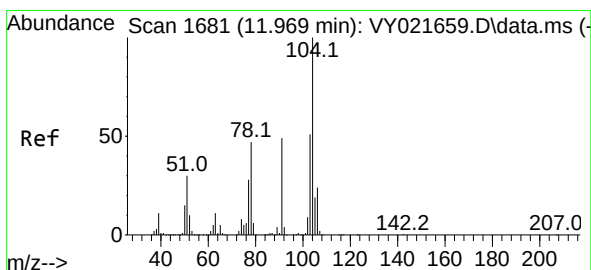
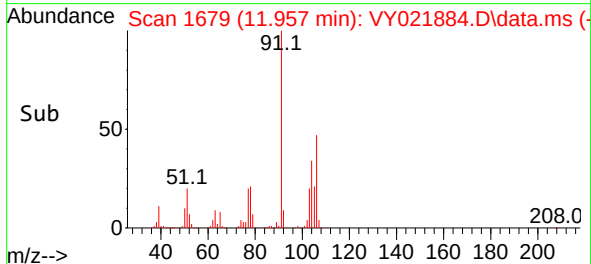
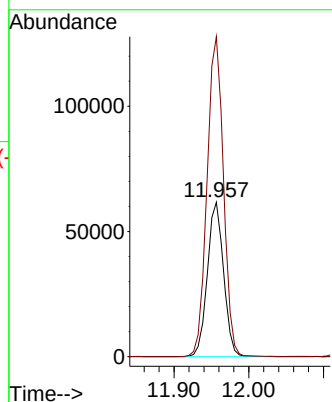
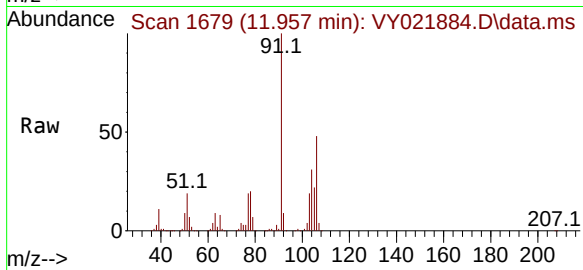
#69
o-Xylene
Concen: 19.866 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01

Tgt Ion:106 Resp: 92800
Ion Ratio Lower Upper
106 100
91 210.1 106.7 319.9

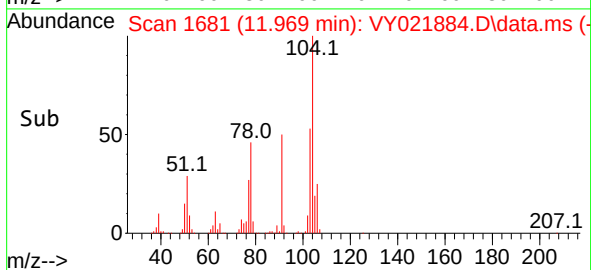
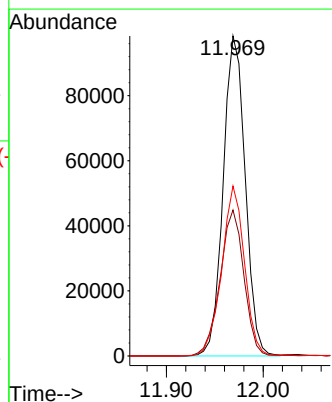
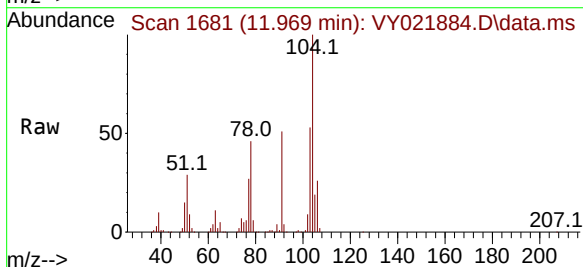
Manual Integrations
APPROVED

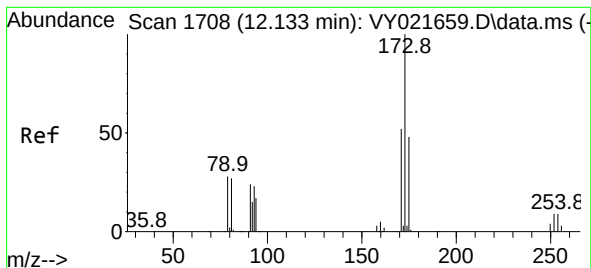
Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#70
Styrene
Concen: 19.945 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08

Tgt Ion:104 Resp: 155340
Ion Ratio Lower Upper
104 100
78 49.5 40.8 61.2
103 55.2 44.2 66.2





#71

Bromoform

Concen: 20.589 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY021884.D

Acq: 15 Apr 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

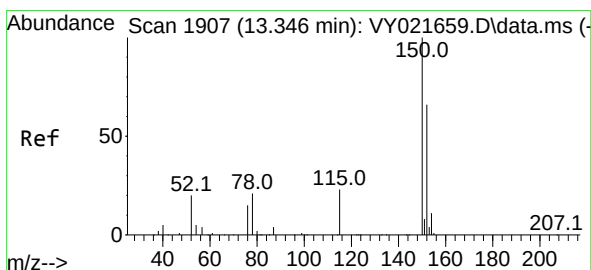
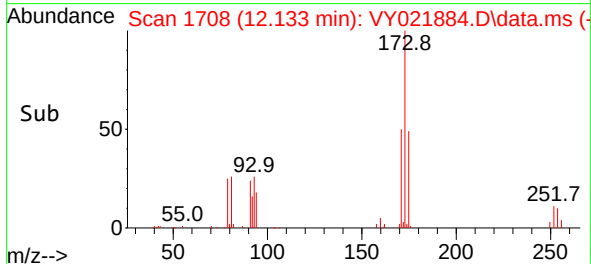
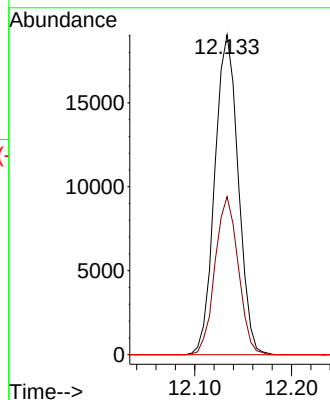
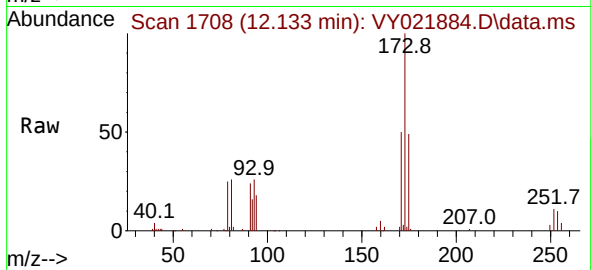
VY0415SBS01

Tgt Ion:173 Resp: 32111
 Ion Ratio Lower Upper
 173 100
 175 48.9 24.3 73.0
 254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/16/2025
 Supervised By :Semsettin Yesilyurt 04/16/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

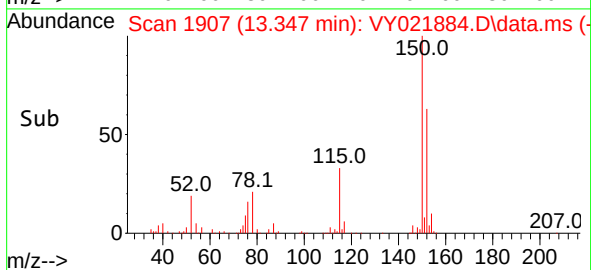
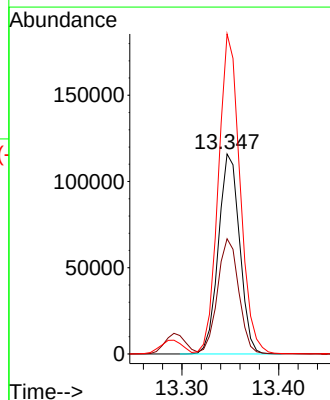
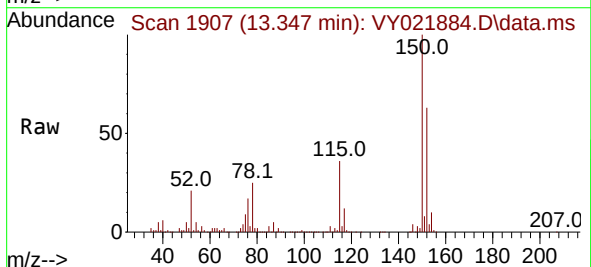
RT: 13.347 min Scan# 1907

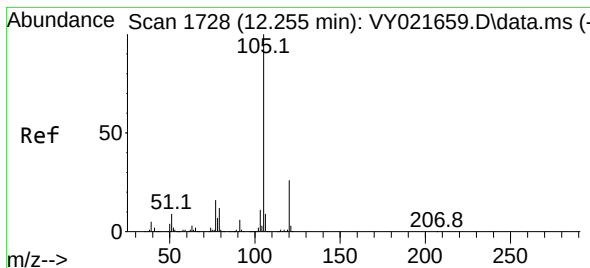
Delta R.T. 0.000 min

Lab File: VY021884.D

Acq: 15 Apr 2025 10:08

Tgt Ion:152 Resp: 176232
 Ion Ratio Lower Upper
 152 100
 115 57.8 28.8 86.5
 150 164.0 0.0 348.4





#73

Isopropylbenzene

Concen: 18.950 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY021884.D

Acq: 15 Apr 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0415SBS01

Tgt Ion:105 Resp: 248039

Ion Ratio Lower Upper

105 100

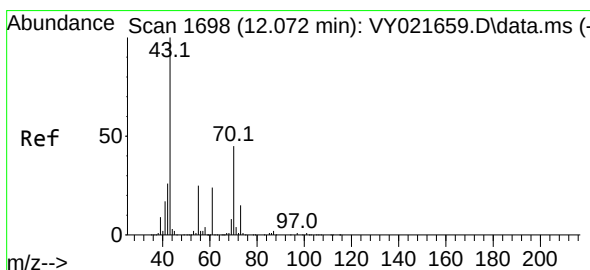
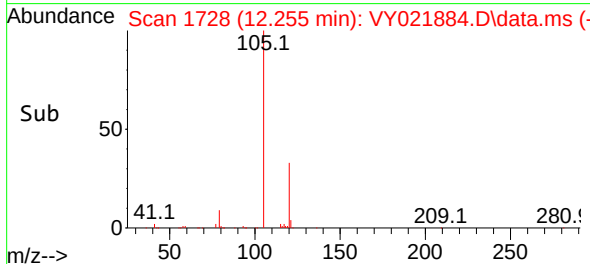
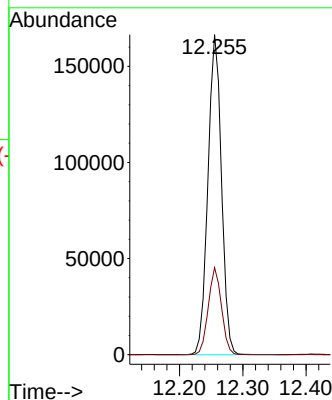
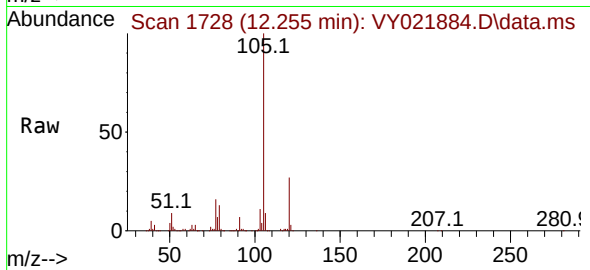
120 26.6 13.2 39.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#74

N-ethyl acetate

Concen: 17.417 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY021884.D

Acq: 15 Apr 2025 10:08

Tgt Ion: 43 Resp: 53504

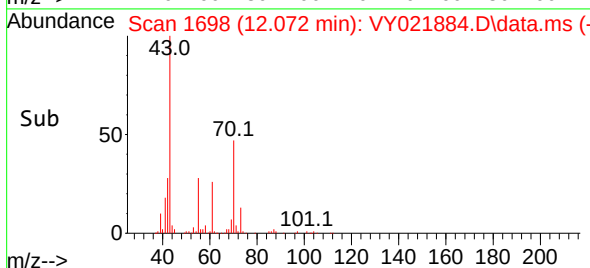
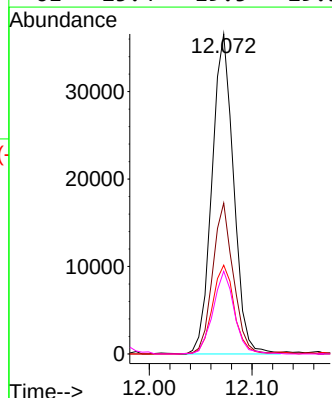
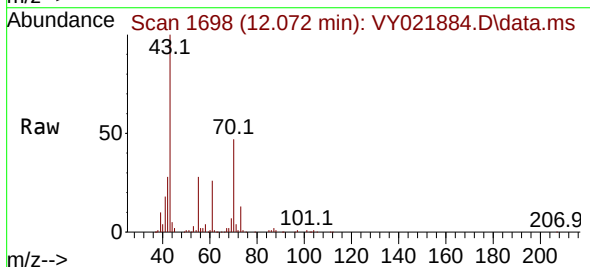
Ion Ratio Lower Upper

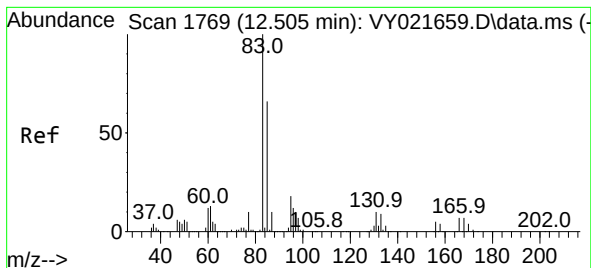
43 100

70 45.4 34.7 52.1

55 28.1 21.2 31.8

61 25.4 19.5 29.3





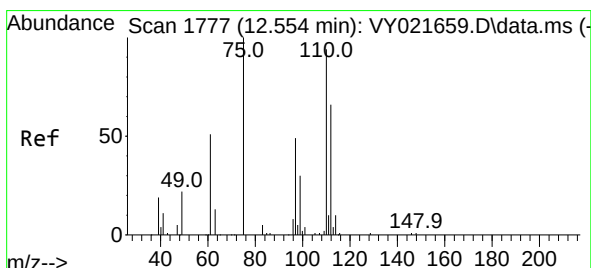
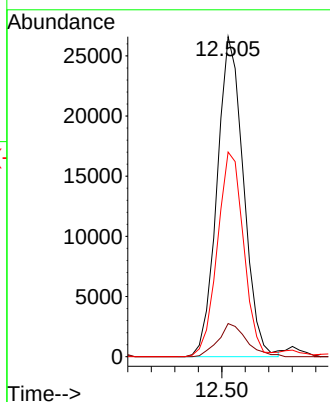
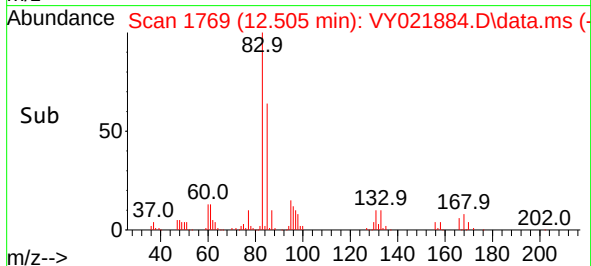
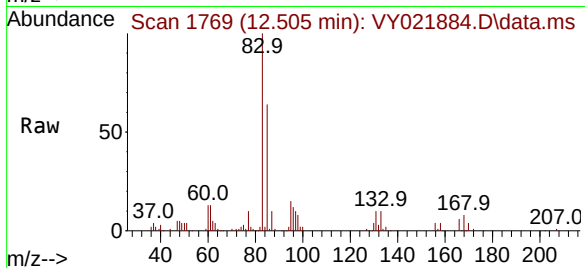
#75
1,1,2,2-Tetrachloroethane
Concen: 17.698 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01

Tgt Ion: 83 Resp: 41649
Ion Ratio Lower Upper
83 100
131 11.1 5.1 15.3
85 63.5 32.3 96.8

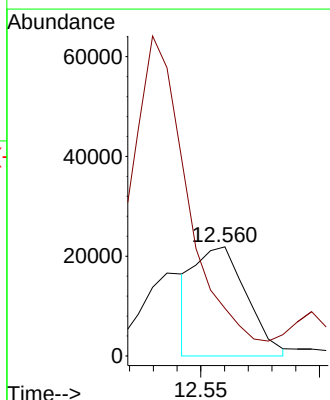
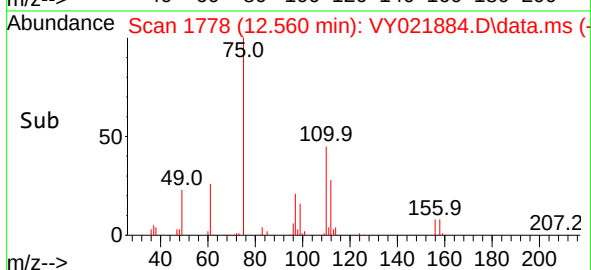
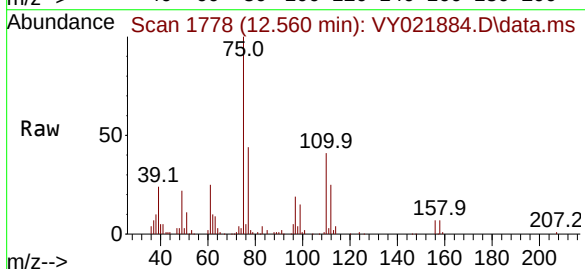
Manual Integrations
APPROVED

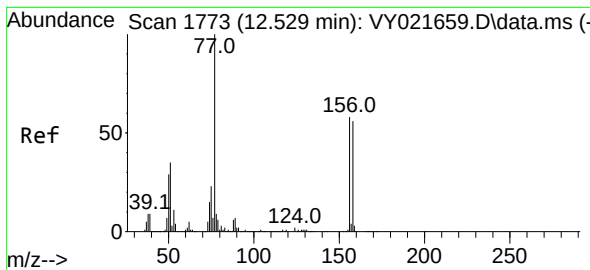
Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#76
1,2,3-Trichloropropane
Concen: 19.000 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08

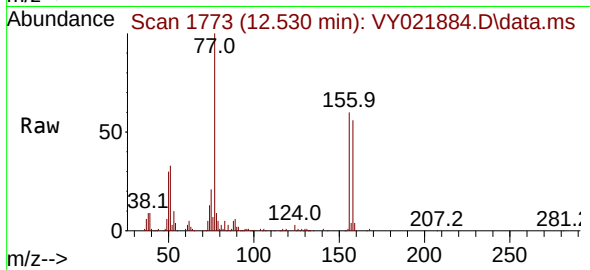
Tgt Ion: 75 Resp: 33192
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 19.446 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08

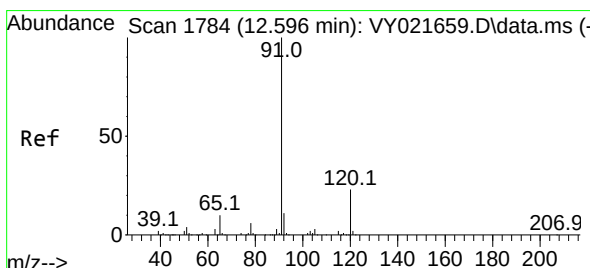
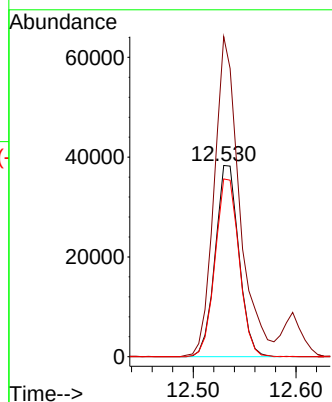
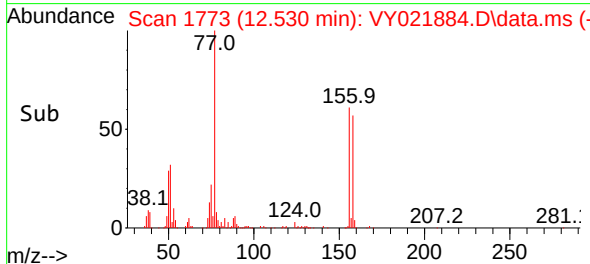
Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01



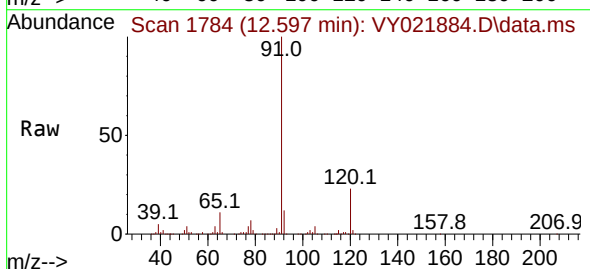
Tgt Ion:156 Resp: 61114
Ion Ratio Lower Upper
156 100
77 180.3 92.8 278.3
158 94.6 48.5 145.6

Manual Integrations
APPROVED

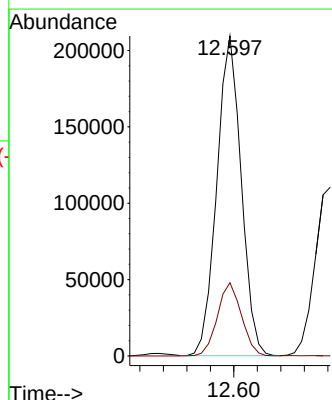
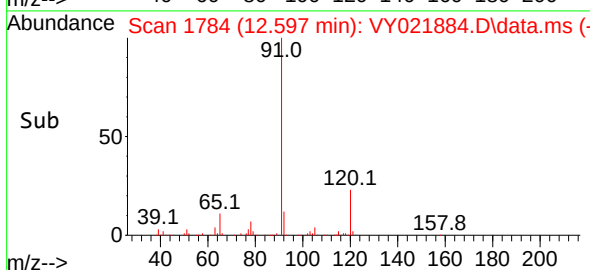
Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

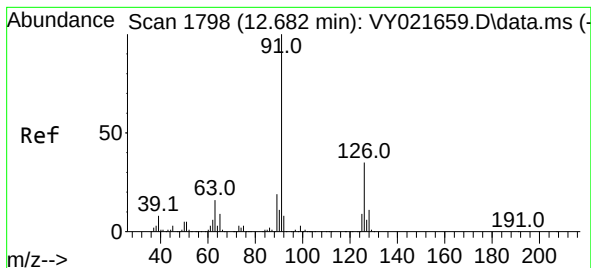


#78
n-propylbenzene
Concen: 19.144 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08



Tgt Ion: 91 Resp: 301255
Ion Ratio Lower Upper
91 100
120 22.7 11.3 33.9





#79

2-Chlorotoluene

Concen: 18.899 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.000 min

Lab File: VY021884.D

Acq: 15 Apr 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0415SBS01

Tgt Ion: 91 Resp: 17273

Ion Ratio Lower Upper

91 100

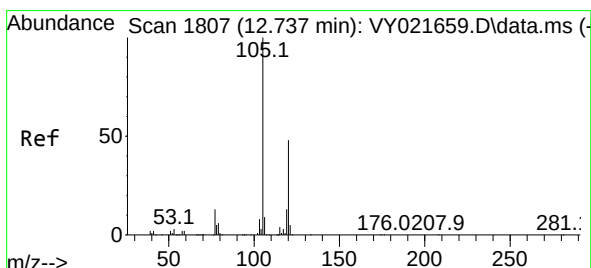
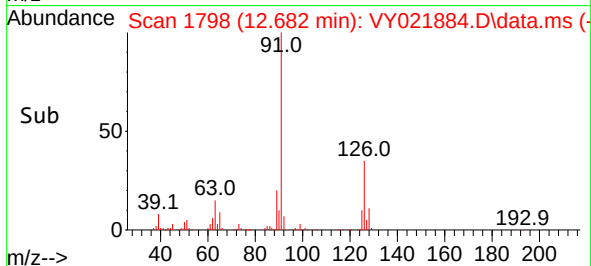
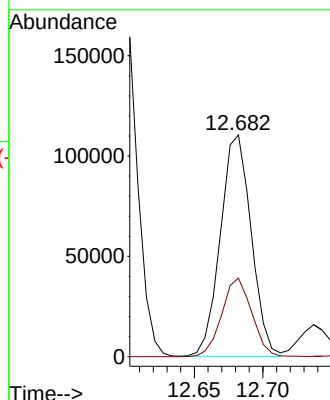
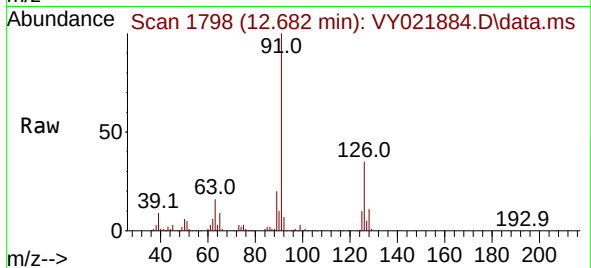
126 34.5 17.3 52.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#80

1,3,5-Trimethylbenzene

Concen: 18.925 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY021884.D

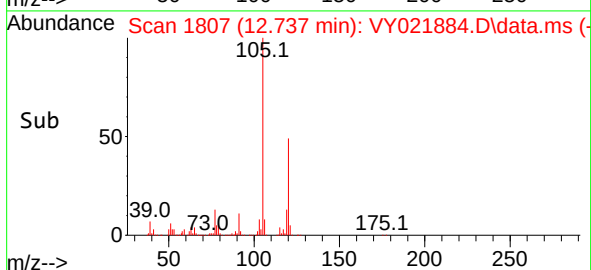
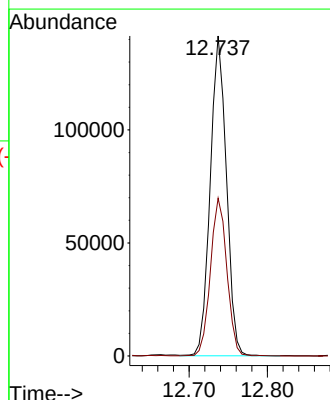
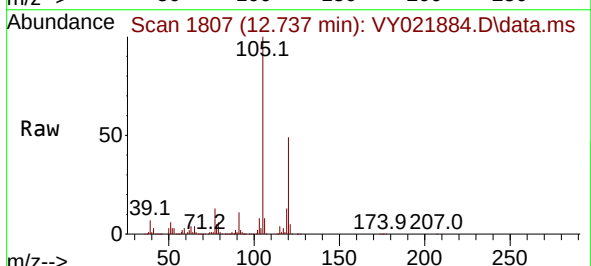
Acq: 15 Apr 2025 10:08

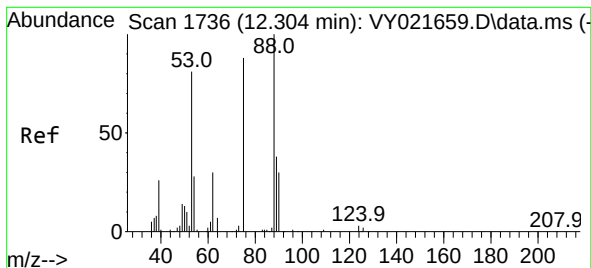
Tgt Ion:105 Resp: 202462

Ion Ratio Lower Upper

105 100

120 50.3 24.5 73.5





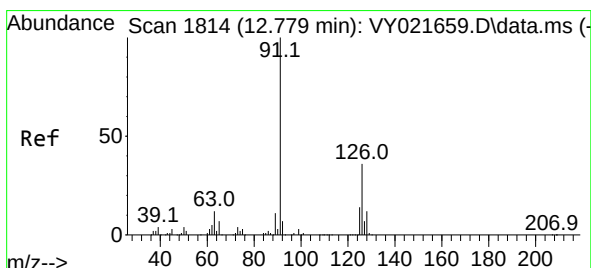
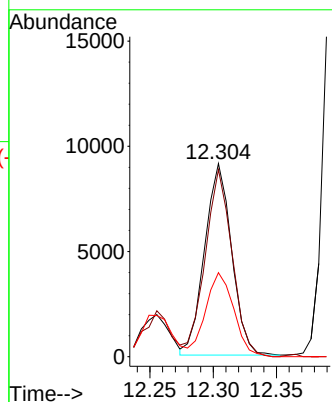
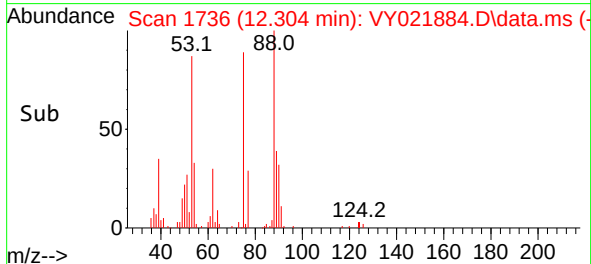
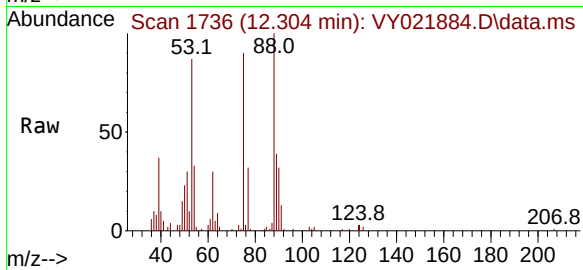
#81
trans-1,4-Dichloro-2-butene
Concen: 17.868 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01

Tgt Ion: 75 Resp: 1354
Ion Ratio Lower Upper
75 100
53 97.4 76.1 114.1
89 45.5 36.2 54.4

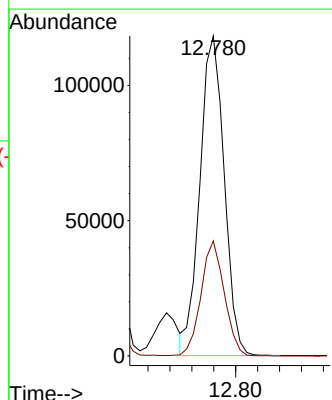
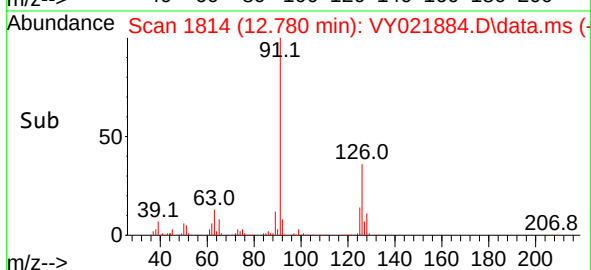
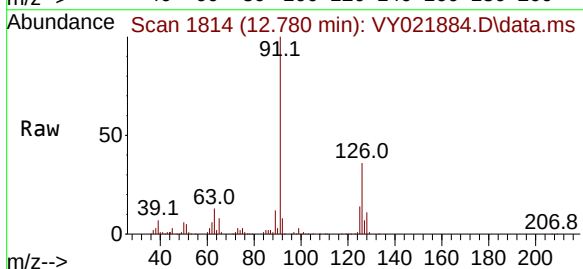
Manual Integrations
APPROVED

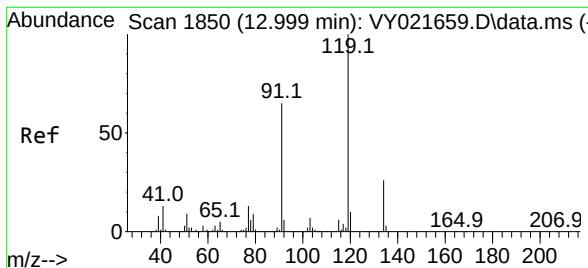
Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#82
4-Chlorotoluene
Concen: 19.099 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08

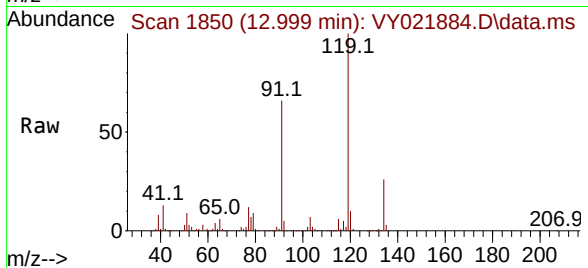
Tgt Ion: 91 Resp: 181990
Ion Ratio Lower Upper
91 100
126 34.6 17.0 50.9





#83
tert-Butylbenzene
Concen: 18.728 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08

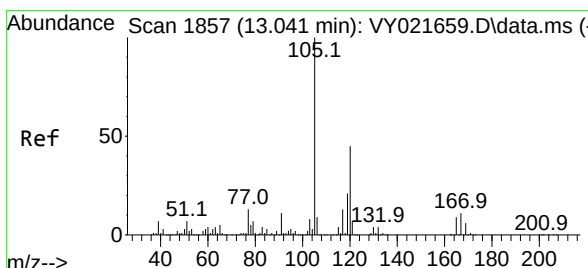
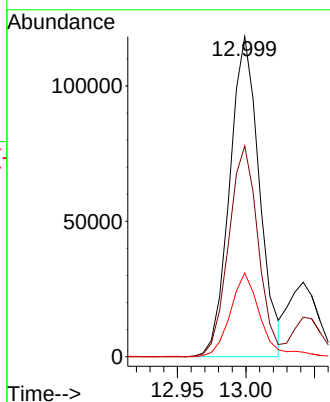
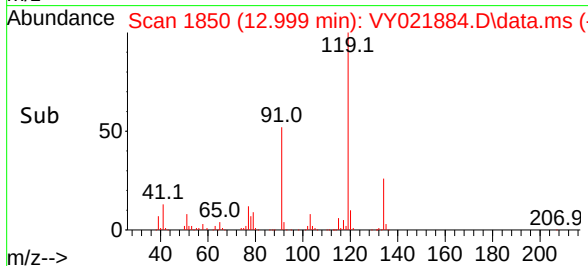
Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01



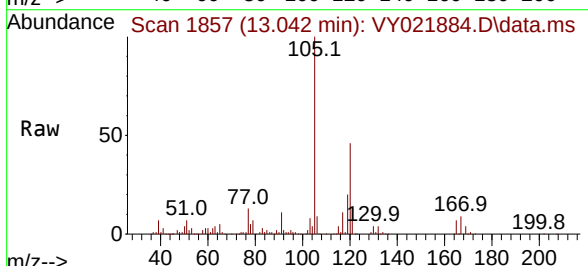
Tgt Ion:119 Resp: 178452
Ion Ratio Lower Upper
119 100
91 65.3 32.6 97.7
134 26.5 13.2 39.6

Manual Integrations
APPROVED

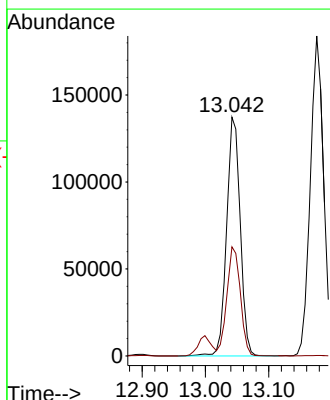
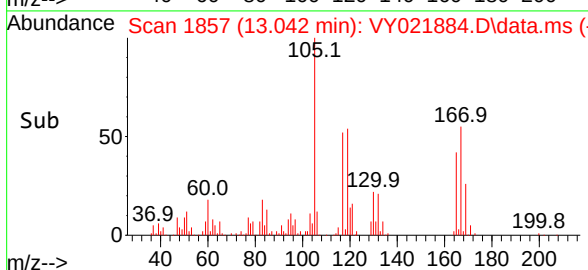
Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

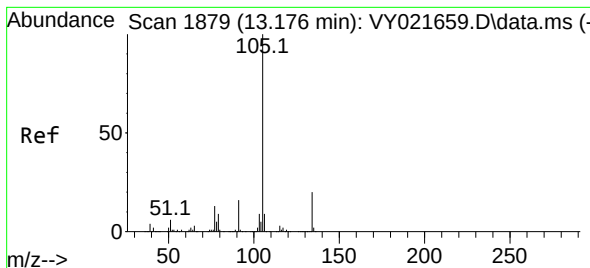


#84
1,2,4-Trimethylbenzene
Concen: 19.376 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY021884.D
Acq: 15 Apr 2025 10:08



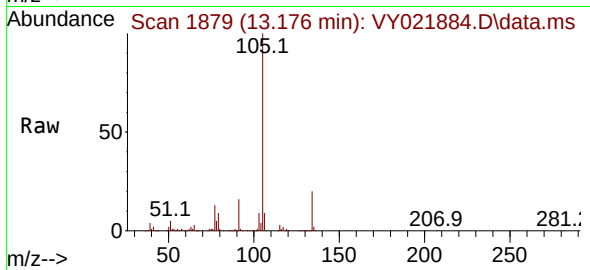
Tgt Ion:105 Resp: 204868
Ion Ratio Lower Upper
105 100
120 45.3 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 19.192 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021884.D
 Acq: 15 Apr 2025 10:08

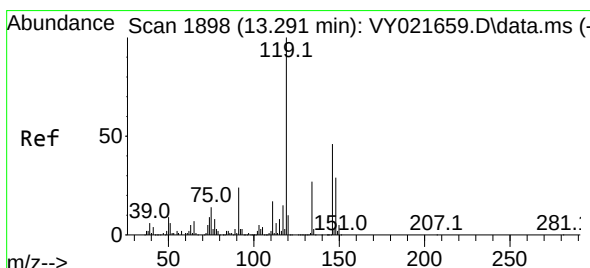
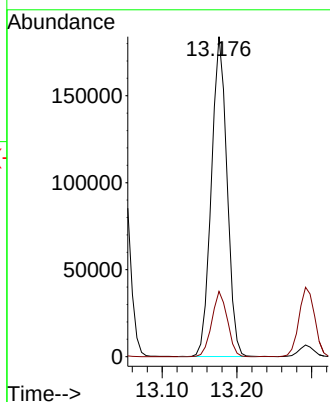
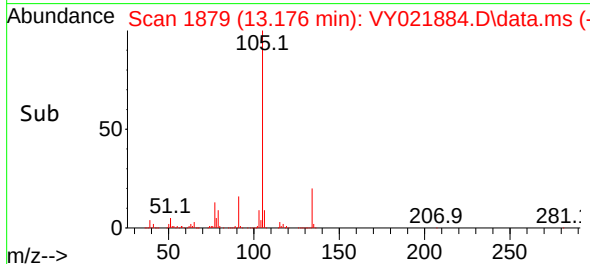
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0415SBS01



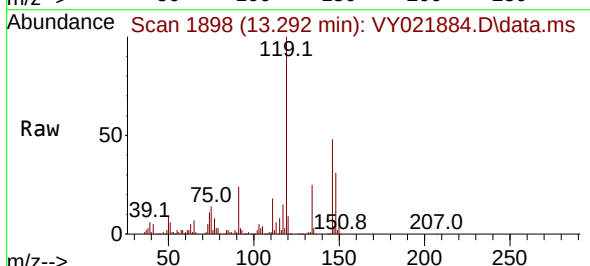
Tgt Ion:105 Resp: 267250
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.1

Manual Integrations
 APPROVED

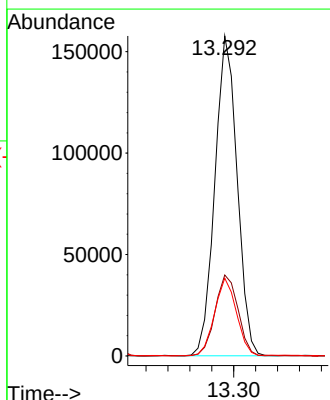
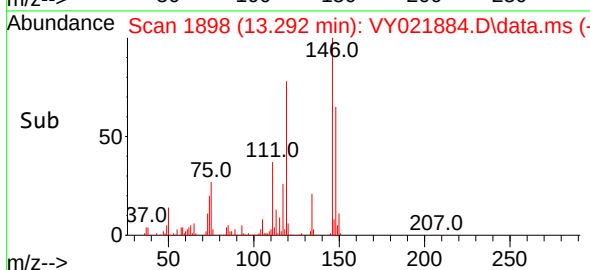
Reviewed By :Mahesh Dadoda 04/16/2025
 Supervised By :Semsettin Yesilyurt 04/16/2025

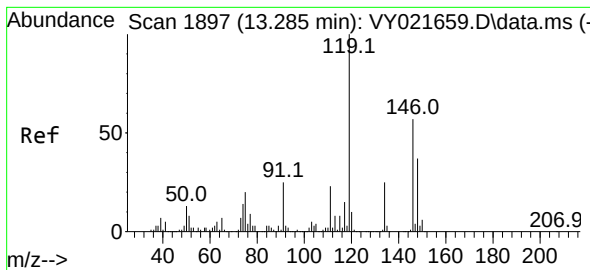


#86
 p-Isopropyltoluene
 Concen: 19.343 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY021884.D
 Acq: 15 Apr 2025 10:08



Tgt Ion:119 Resp: 222619
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.2 39.5
 91 23.8 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 19.315 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY021884.D

Acq: 15 Apr 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0415SBS01

Tgt Ion:146 Resp: 119598

Ion Ratio Lower Upper

146 100

111 40.2 20.0 60.0

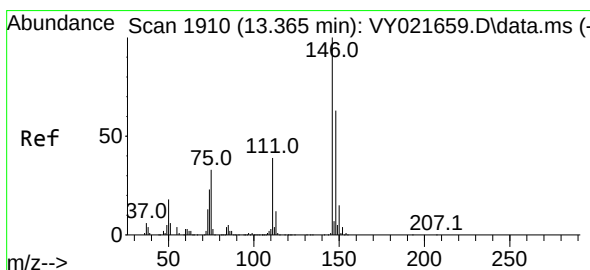
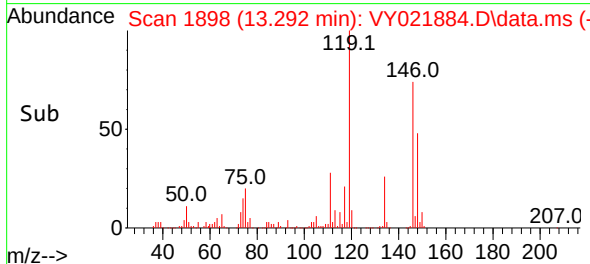
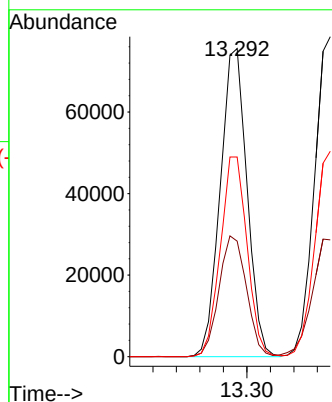
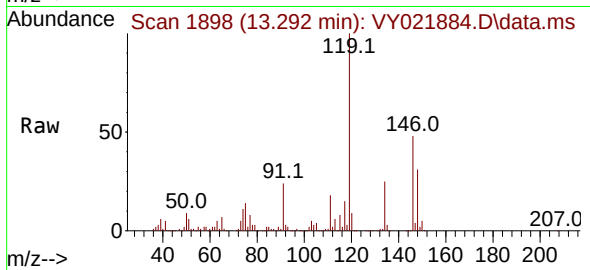
148 64.7 31.8 95.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#88

1,4-Dichlorobenzene

Concen: 19.512 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY021884.D

Acq: 15 Apr 2025 10:08

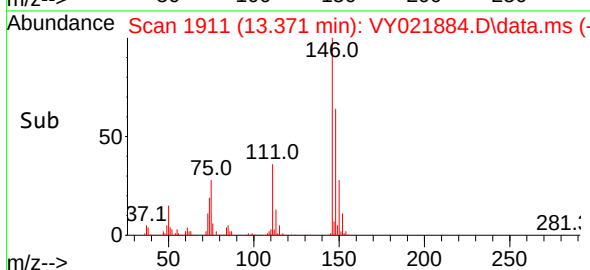
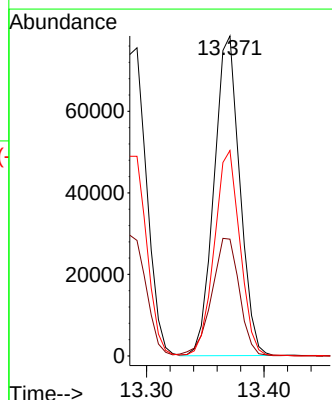
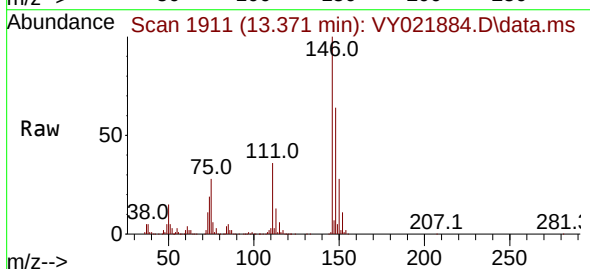
Tgt Ion:146 Resp: 119367

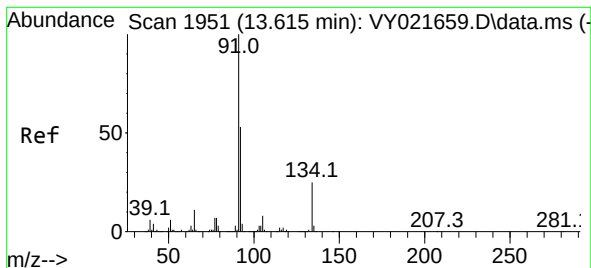
Ion Ratio Lower Upper

146 100

111 39.7 19.1 57.1

148 64.3 31.5 94.5





#89

n-Butylbenzene

Concen: 19.038 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY021884.D

Acq: 15 Apr 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

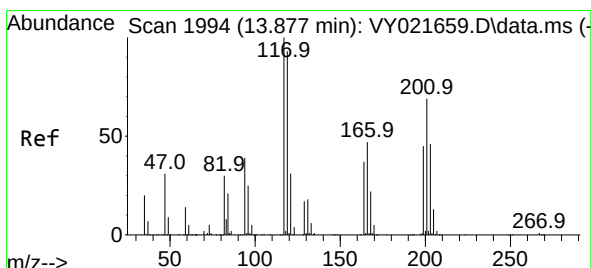
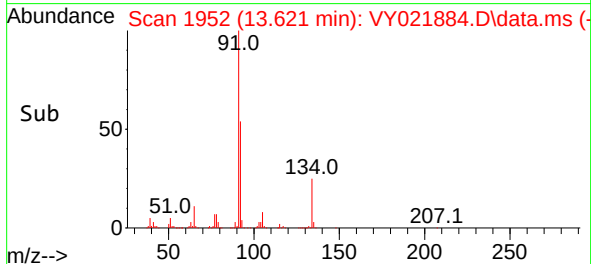
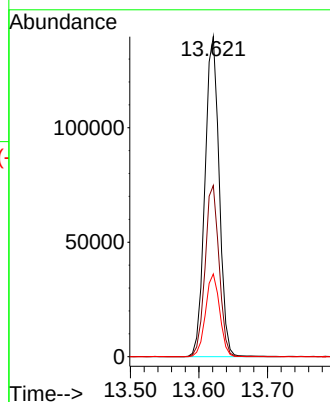
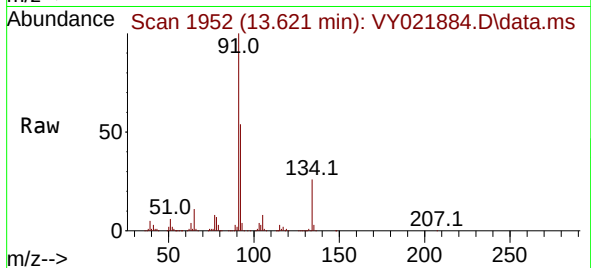
VY0415SBS01

Tgt Ion: 91	Resp: 20263
Ion Ratio	Lower Upper
91	100
92	52.5 26.4 79.2
134	25.6 12.8 38.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#90

Hexachloroethane

Concen: 18.687 ug/l

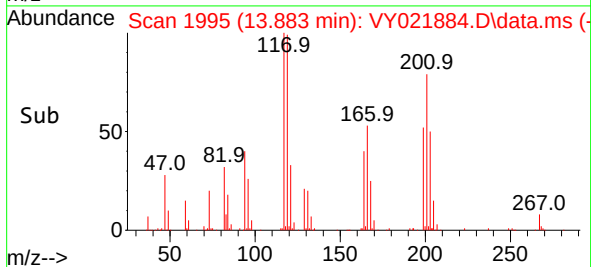
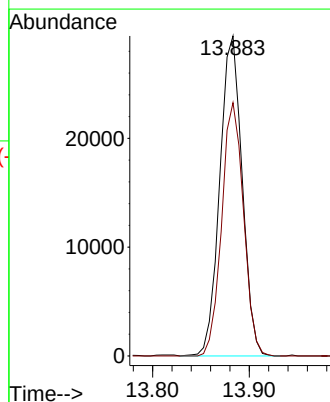
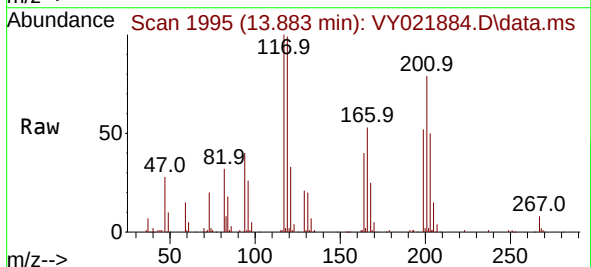
RT: 13.883 min Scan# 1995

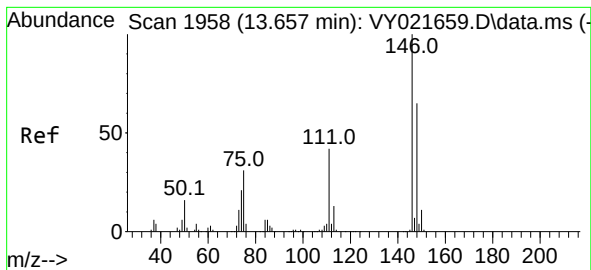
Delta R.T. 0.006 min

Lab File: VY021884.D

Acq: 15 Apr 2025 10:08

Tgt Ion:117	Resp: 47131
Ion Ratio	Lower Upper
117	100
201	77.1 37.4 112.1





#91

1,2-Dichlorobenzene

Concen: 19.841 ug/l

RT: 13.664 min Scan# 1958

Delta R.T. 0.006 min

Lab File: VY021884.D

Acq: 15 Apr 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

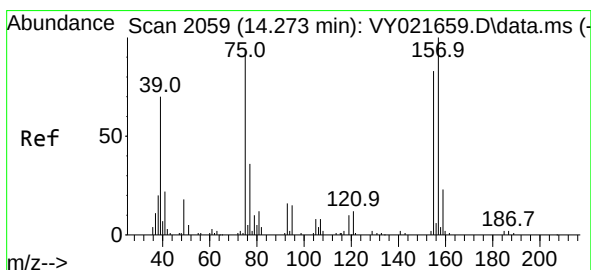
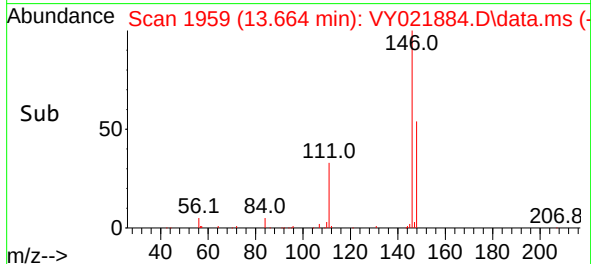
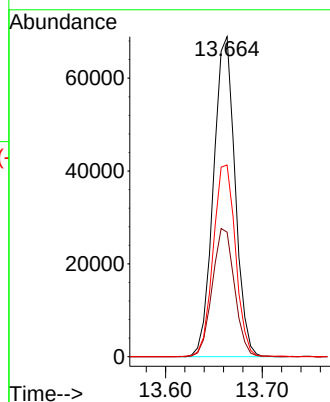
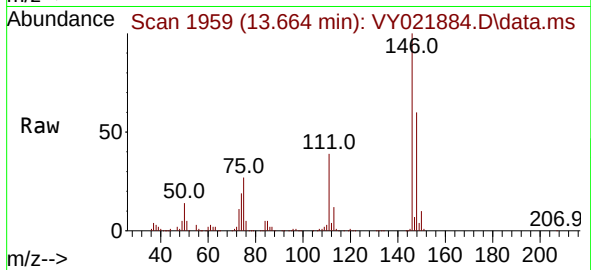
VY0415SBS01

Tgt Ion:	146	Resp:	10694
Ion Ratio	Lower	Upper	
146	100		
111	41.3	20.7	62.1
148	61.9	32.3	96.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.643 ug/l

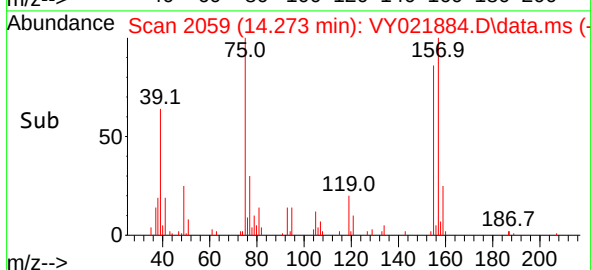
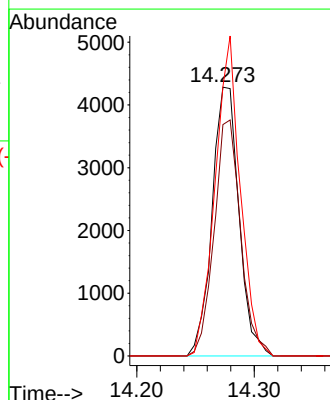
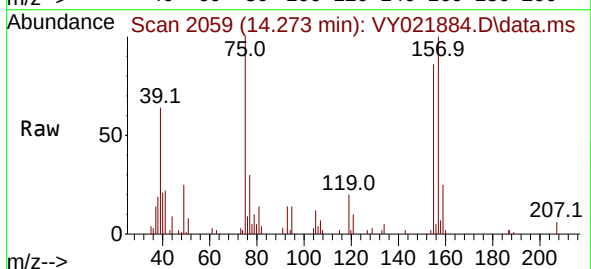
RT: 14.273 min Scan# 2059

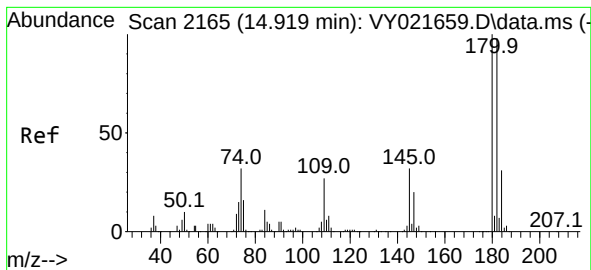
Delta R.T. 0.000 min

Lab File: VY021884.D

Acq: 15 Apr 2025 10:08

Tgt Ion:	75	Resp:	6800
Ion Ratio	Lower	Upper	
75	100		
155	86.6	43.0	128.8
157	111.5	54.0	162.0





#93

1,2,4-Trichlorobenzene

Concen: 20.673 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021884.D

Acq: 15 Apr 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0415SBS01

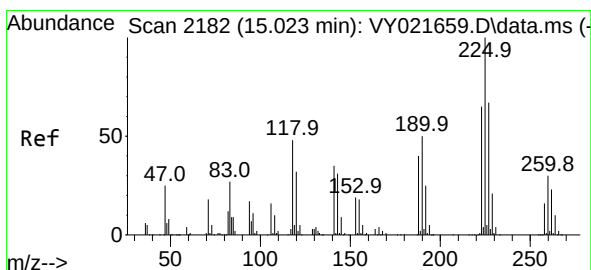
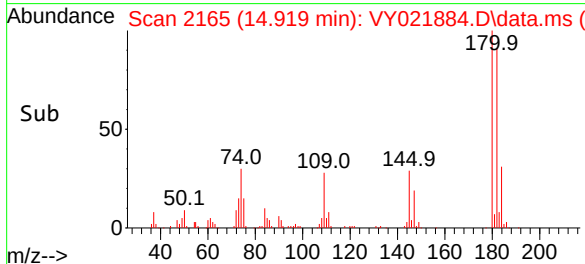
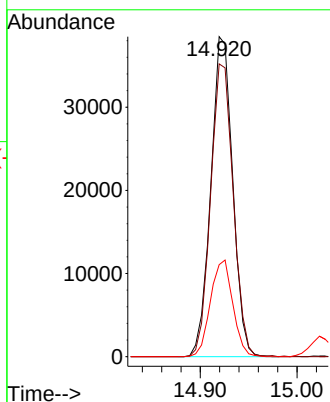
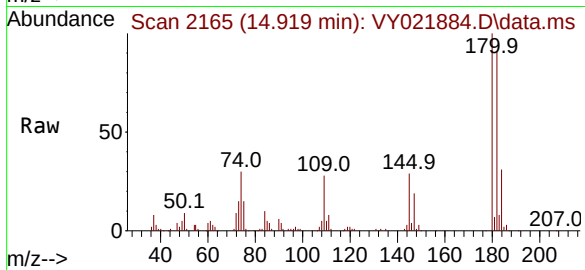
Tgt Ion:180 Resp: 60420

Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.5	142.6
145	30.9	14.9	44.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#94

Hexachlorobutadiene

Concen: 20.718 ug/l

RT: 15.023 min Scan# 2182

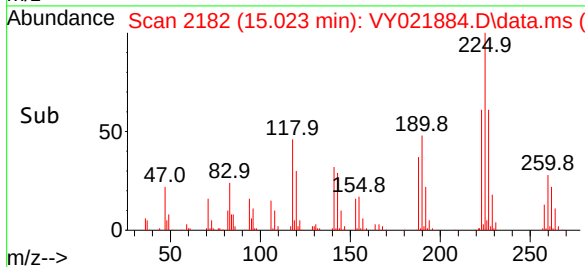
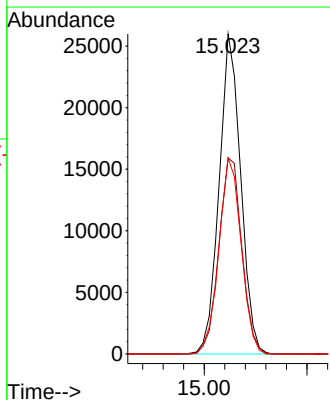
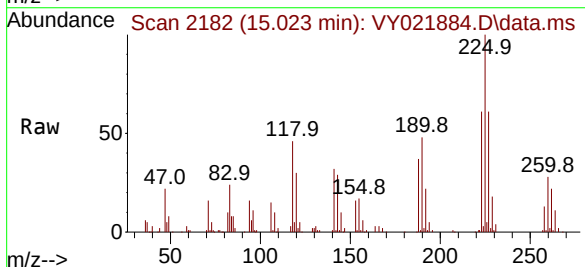
Delta R.T. 0.000 min

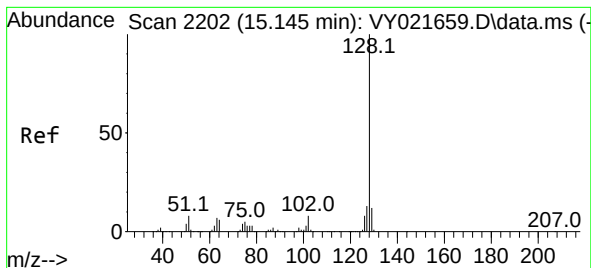
Lab File: VY021884.D

Acq: 15 Apr 2025 10:08

Tgt Ion:225 Resp: 37820

Ion	Ratio	Lower	Upper
225	100		
223	65.2	31.9	95.7
227	63.3	32.4	97.0





#95

Naphthalene

Concen: 19.729 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY021884.D

Acq: 15 Apr 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

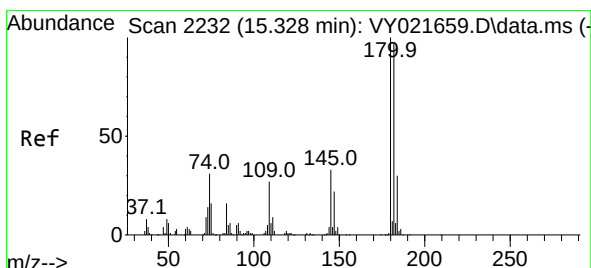
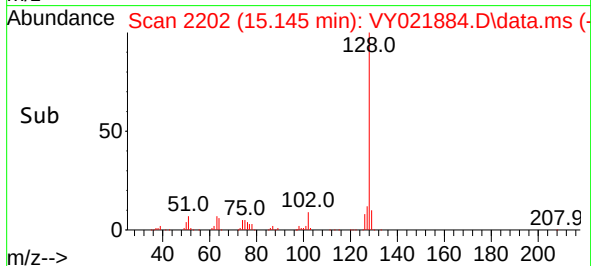
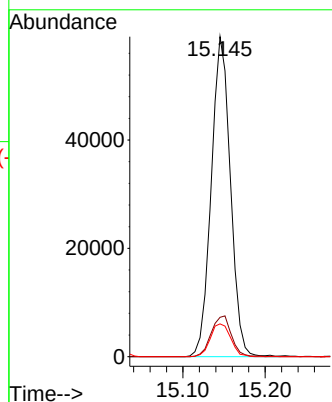
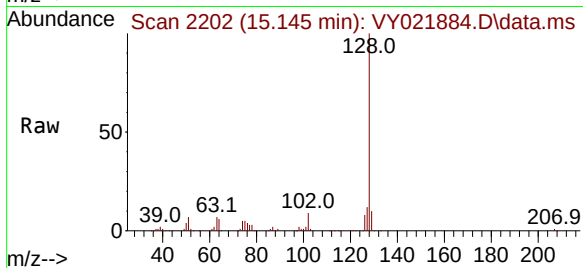
VY0415SBS01

Tgt Ion:128	Resp:	95580
Ion Ratio	Lower	Upper
128	100	
127	13.5	10.8 16.2
129	10.9	8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#96

1,2,3-Trichlorobenzene

Concen: 20.231 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021884.D

Acq: 15 Apr 2025 10:08

Tgt Ion:180	Resp:	50428
Ion Ratio	Lower	Upper
180	100	
182	100.7	47.5 142.5
145	32.4	15.9 47.7

