

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042225\
 Data File : VY021953.D
 Acq On : 22 Apr 2025 13:39
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025
 Supervised By :Mahesh Dadoda 04/23/2025

Quant Time: Apr 23 02:07:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:02:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	280613	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	462995	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	410723	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	205526	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	14719	5.679	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	11.360%#
35) Dibromofluoromethane	7.634	113	15517	5.073	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	10.140%#
50) Toluene-d8	10.109	98	56501	4.900	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	9.800%#
62) 4-Bromofluorobenzene	12.407	95	18902	4.869	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	9.740%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	13157	5.503	ug/l	93
3) Chloromethane	2.068	50	19759	5.803	ug/l	92
4) Vinyl Chloride	2.202	62	23262	5.560	ug/l	98
5) Bromomethane	2.598	94	21956	6.091	ug/l	99
6) Chloroethane	2.732	64	16527	5.800	ug/l	90
7) Trichlorofluoromethane	3.055	101	29399	5.329	ug/l	93
8) Diethyl Ether	3.452	74	7949	5.536	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.818	101	16959	5.667	ug/l	97
10) Methyl Iodide	4.000	142	16072	4.638	ug/l	97
11) Tert butyl alcohol	4.866	59	3727m	26.192	ug/l	
12) 1,1-Dichloroethene	3.793	96	14742	5.285	ug/l	97
13) Acrolein	3.659	56	7419	29.049	ug/l	97
14) Allyl chloride	4.372	41	17385	5.352	ug/l	98
15) Acrylonitrile	5.055	53	14464	27.514	ug/l	97
16) Acetone	3.872	43	12844	18.039	ug/l #	83
17) Carbon Disulfide	4.104	76	48701	5.475	ug/l	98
18) Methyl Acetate	4.391	43	5994	4.951	ug/l	92
19) Methyl tert-butyl Ether	5.110	73	30819	4.936	ug/l	98
20) Methylene Chloride	4.610	84	21309	6.502	ug/l	98
21) trans-1,2-Dichloroethene	5.104	96	17357	5.556	ug/l	92
22) Diisopropyl ether	6.012	45	35963	4.975	ug/l	91
23) Vinyl Acetate	5.963	43	92152	23.655	ug/l	95
24) 1,1-Dichloroethane	5.915	63	27705	5.529	ug/l	98
25) 2-Butanone	6.896	43	15627	26.449	ug/l #	87
26) 2,2-Dichloropropane	6.890	77	23594	5.373	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	17569	5.029	ug/l	96
28) Bromochloromethane	7.244	49	10541	5.416	ug/l	98
29) Tetrahydrofuran	7.262	42	9424	24.559	ug/l	97
30) Chloroform	7.421	83	30418	5.473	ug/l	97
31) Cyclohexane	7.707	56	23446	5.472	ug/l #	77
32) 1,1,1-Trichloroethane	7.622	97	27271	5.424	ug/l	96
36) 1,1-Dichloropropene	7.829	75	21076	5.130	ug/l	96
37) Ethyl Acetate	6.982	43	7691m	5.283	ug/l	
38) Carbon Tetrachloride	7.811	117	25016	5.095	ug/l	97
39) Methylcyclohexane	9.109	83	24303	4.700	ug/l	97
40) Benzene	8.079	78	65878	5.129	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042225\
 Data File : VY021953.D
 Acq On : 22 Apr 2025 13:39
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025
 Supervised By :Mahesh Dadoda 04/23/2025

Quant Time: Apr 23 02:07:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:02:03 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	3506m	4.345	ug/l	
42) 1,2-Dichloroethane	8.158	62	16046	5.046	ug/l	96
43) Isopropyl Acetate	8.195	43	13940	4.919	ug/l #	86
44) Trichloroethene	8.865	130	18611	5.231	ug/l	96
45) 1,2-Dichloropropane	9.146	63	14827	5.220	ug/l	99
46) Dibromomethane	9.231	93	9367	5.268	ug/l	96
47) Bromodichloromethane	9.420	83	22170	4.991	ug/l #	96
48) Methyl methacrylate	9.225	41	5570	4.252	ug/l	94
49) 1,4-Dioxane	9.231	88	1703	89.863	ug/l #	90
51) 4-Methyl-2-Pentanone	9.999	43	33298	22.414	ug/l	98
52) Toluene	10.170	92	38784	4.665	ug/l	97
53) t-1,3-Dichloropropene	10.396	75	17712	4.649	ug/l #	87
54) cis-1,3-Dichloropropene	9.853	75	21582	4.765	ug/l	92
55) 1,1,2-Trichloroethane	10.572	97	11582	4.877	ug/l	94
56) Ethyl methacrylate	10.444	69	10816	3.982	ug/l	96
57) 1,3-Dichloropropane	10.719	76	19113	5.020	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	27363	20.606	ug/l	100
59) 2-Hexanone	10.761	43	21558	22.001	ug/l	92
60) Dibromochloromethane	10.914	129	15992	4.863	ug/l	97
61) 1,2-Dibromoethane	11.017	107	11020	4.915	ug/l	98
64) Tetrachloroethene	10.646	164	20545	5.302	ug/l	91
65) Chlorobenzene	11.444	112	48805	5.314	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.517	131	16483	5.097	ug/l	98
67) Ethyl Benzene	11.517	91	69548	4.629	ug/l	97
68) m/p-Xylenes	11.627	106	54518	9.119	ug/l	100
69) o-Xylene	11.956	106	24611	4.466	ug/l	98
70) Styrene	11.969	104	39016	4.217	ug/l	97
71) Bromoform	12.133	173	9608	5.111	ug/l #	98
73) Isopropylbenzene	12.255	105	62917	4.582	ug/l	97
74) N-amyl acetate	12.072	43	10843	4.596	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	12362	5.340	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	10228m	5.648	ug/l	
77) Bromobenzene	12.535	156	17570	5.064	ug/l	100
78) n-propylbenzene	12.596	91	76210	4.660	ug/l	100
79) 2-Chlorotoluene	12.682	91	46298	4.868	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	50699	4.481	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	3795	5.191	ug/l	98
82) 4-Chlorotoluene	12.779	91	47541	4.809	ug/l	98
83) tert-Butylbenzene	12.999	119	46171	4.550	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	49642	4.387	ug/l	99
85) sec-Butylbenzene	13.176	105	66872	4.504	ug/l	99
86) p-Isopropyltoluene	13.291	119	55850	4.430	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	35553	5.045	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	37426	5.362	ug/l	95
89) n-Butylbenzene	13.621	91	50918	4.518	ug/l	99
90) Hexachloroethane	13.883	117	14703	5.308	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	31298	5.092	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	2000	5.430	ug/l	86
93) 1,2,4-Trichlorobenzene	14.919	180	15346	4.406	ug/l	94
94) Hexachlorobutadiene	15.023	225	10723	5.004	ug/l	98
95) Naphthalene	15.145	128	24368	4.212	ug/l	97
96) 1,2,3-Trichlorobenzene	15.328	180	13785	4.585	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042225\
Data File : VY021953.D
Acq On : 22 Apr 2025 13:39
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

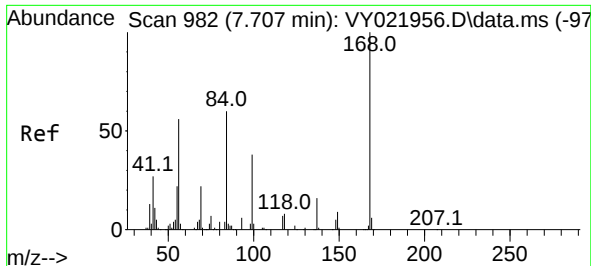
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

Quant Time: Apr 23 02:07:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:02:03 2025
Response via : Initial Calibration

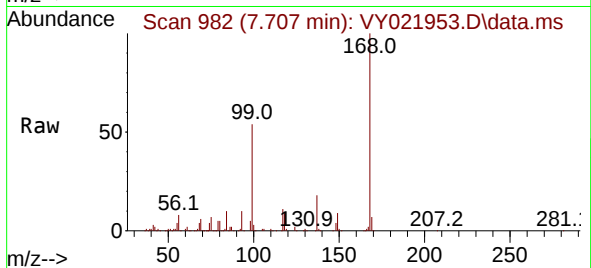
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

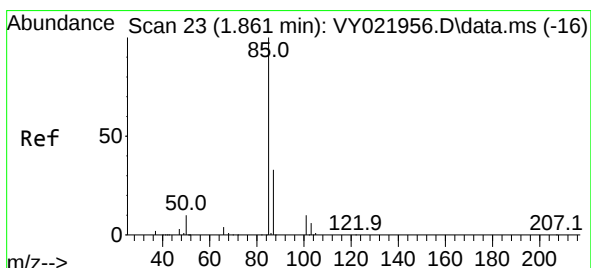
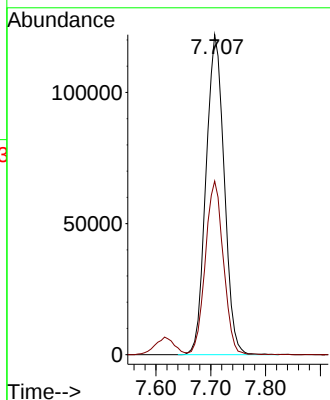
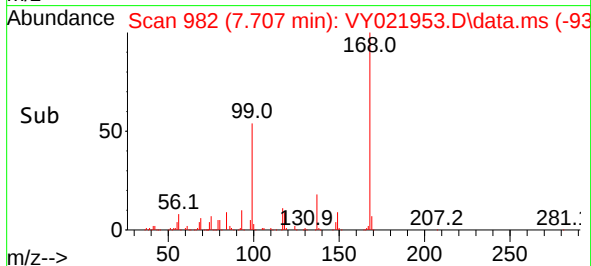
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



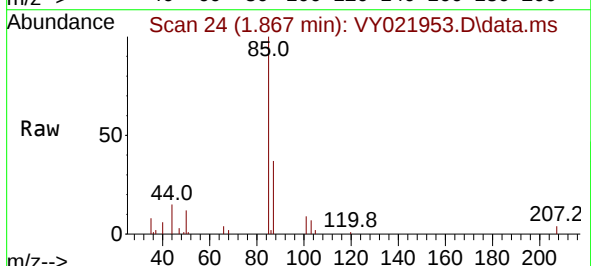
Tgt Ion:168 Resp: 28061
Ion Ratio Lower Upper
168 100
99 54.2 43.1 64.7

Manual Integrations
APPROVED

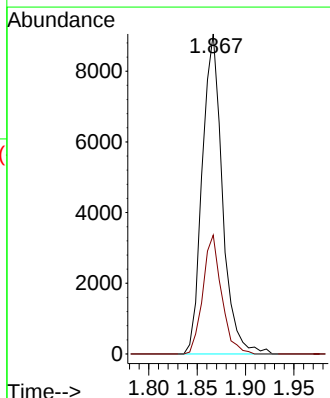
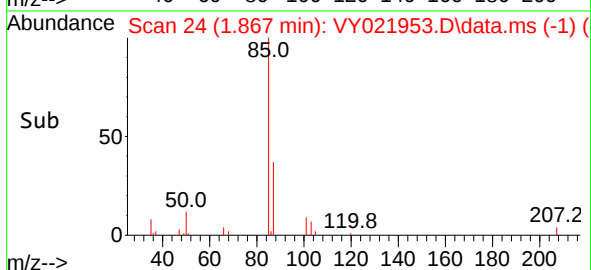
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

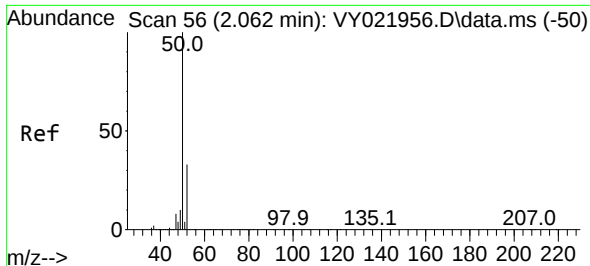


#2
Dichlorodifluoromethane
Concen: 5.503 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39



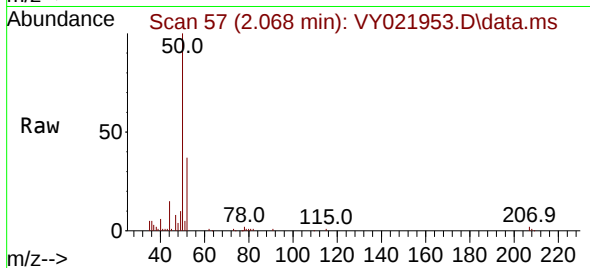
Tgt Ion: 85 Resp: 13157
Ion Ratio Lower Upper
85 100
87 37.1 16.6 49.7





#3
Chloromethane
Concen: 5.803 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

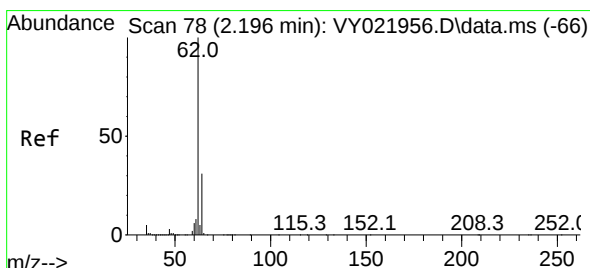
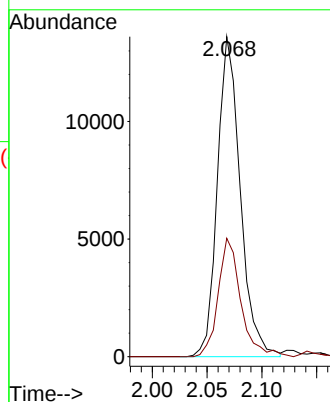
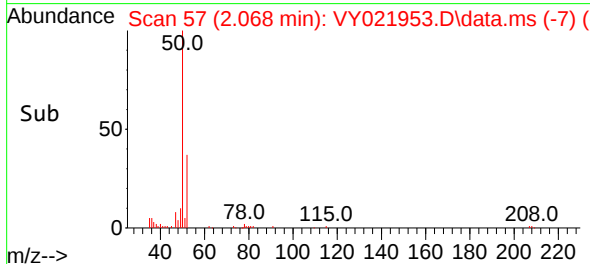
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



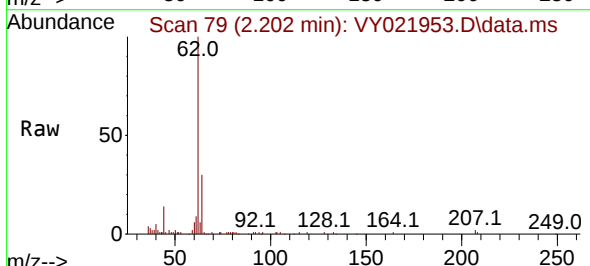
Tgt Ion: 50 Resp: 1975
Ion Ratio Lower Upper
50 100
52 37.0 26.1 39.1

Manual Integrations
APPROVED

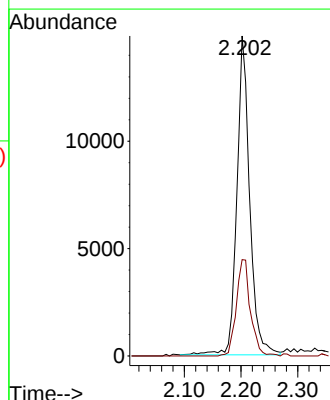
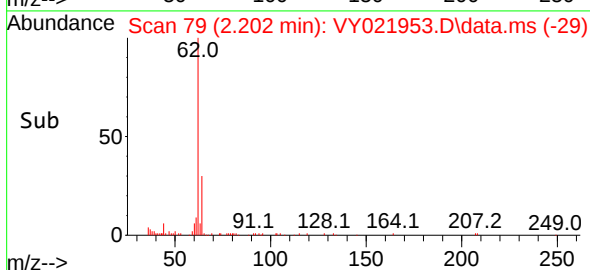
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

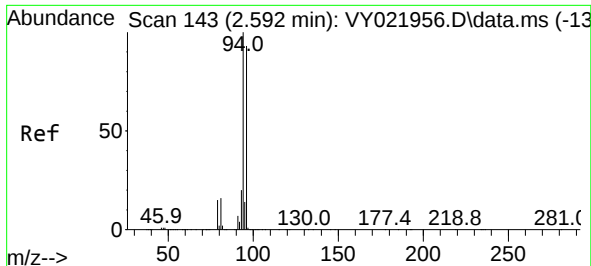


#4
Vinyl Chloride
Concen: 5.560 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39



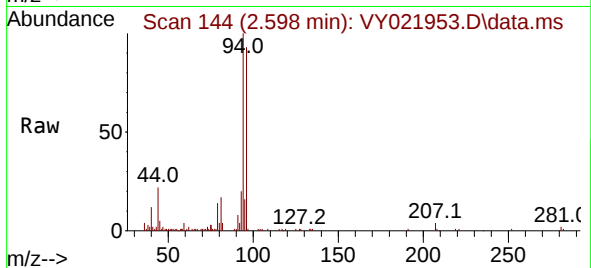
Tgt Ion: 62 Resp: 23262
Ion Ratio Lower Upper
62 100
64 30.2 25.1 37.7





#5
Bromomethane
Concen: 6.091 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

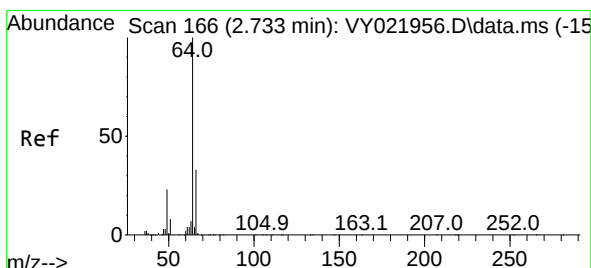
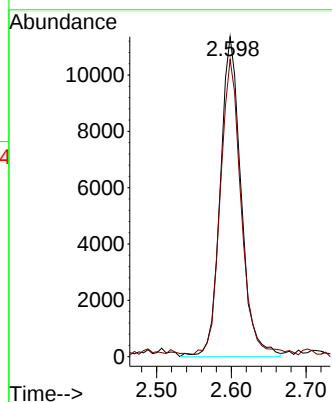
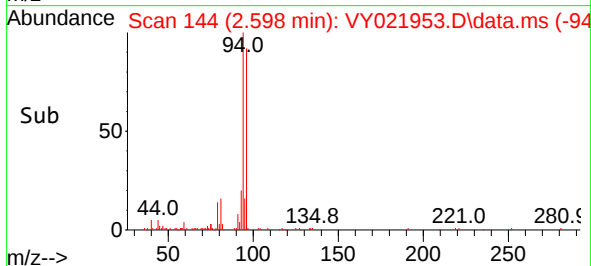
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



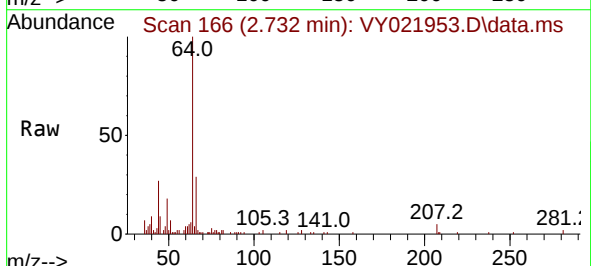
Tgt Ion: 94 Resp: 21950
Ion Ratio Lower Upper
94 100
96 91.9 74.6 111.8

Manual Integrations
APPROVED

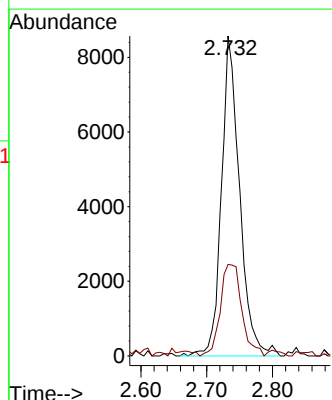
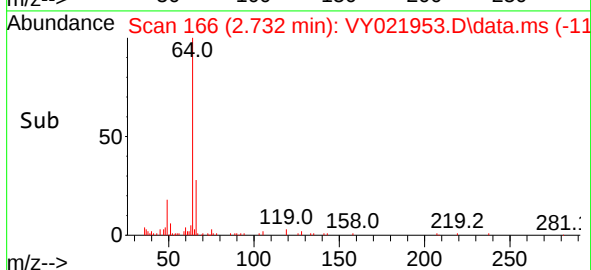
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

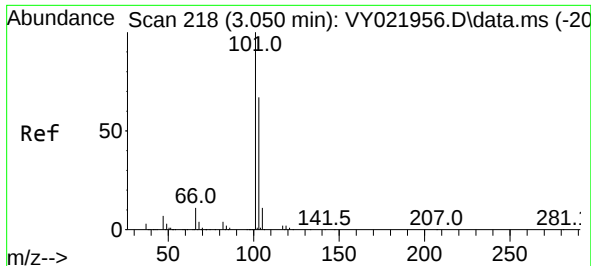


#6
Chloroethane
Concen: 5.800 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39



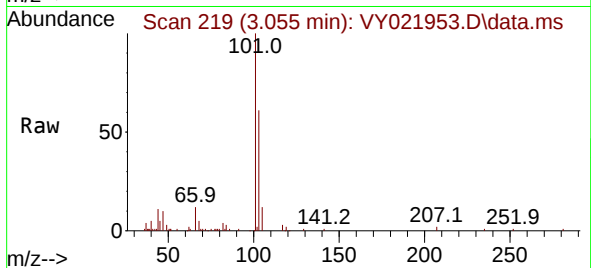
Tgt Ion: 64 Resp: 16527
Ion Ratio Lower Upper
64 100
66 27.3 26.2 39.4





#7
Trichlorofluoromethane
Concen: 5.329 ug/l
RT: 3.055 min Scan# 218
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

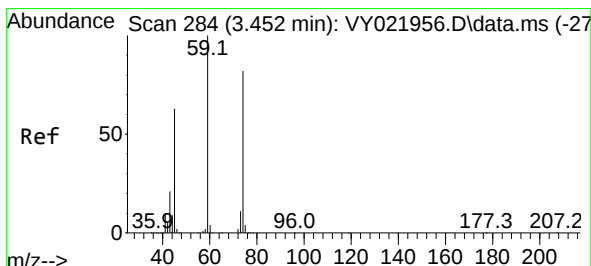
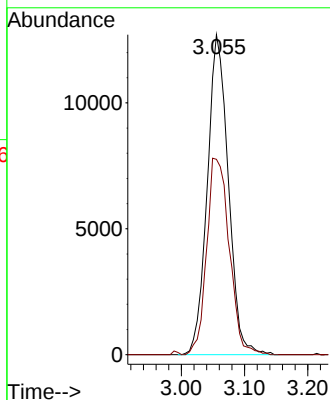
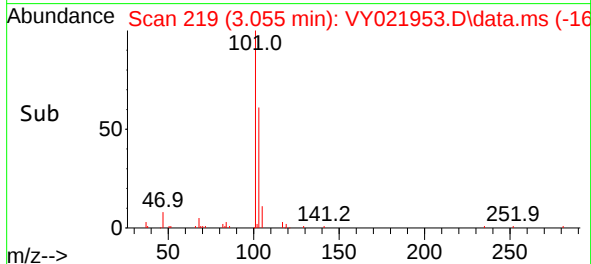
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



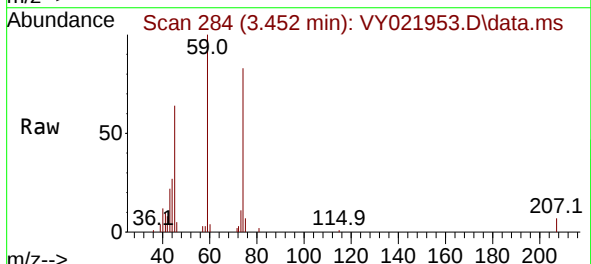
Tgt Ion:101 Resp: 29399
Ion Ratio Lower Upper
101 100
103 61.1 53.6 80.4

Manual Integrations
APPROVED

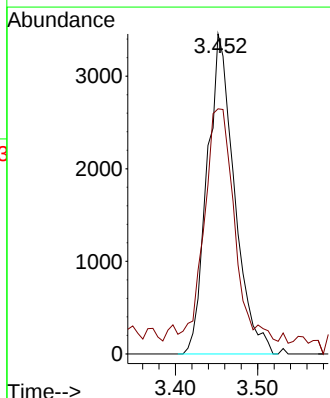
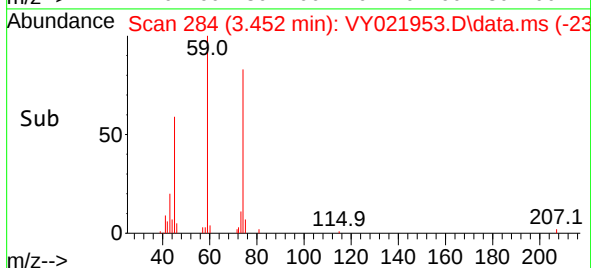
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

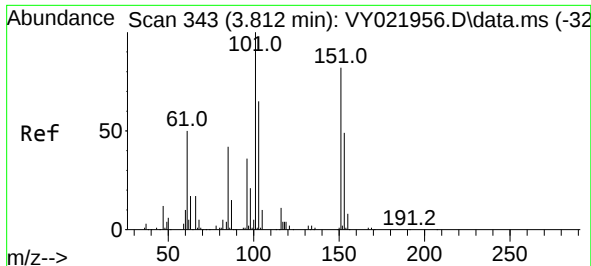


#8
Diethyl Ether
Concen: 5.536 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39



Tgt Ion: 74 Resp: 7949
Ion Ratio Lower Upper
74 100
45 83.9 39.1 117.5





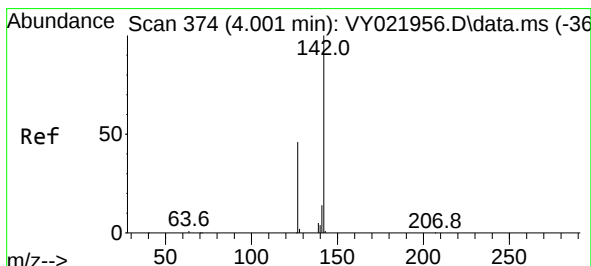
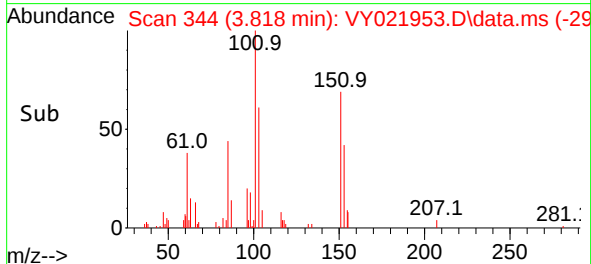
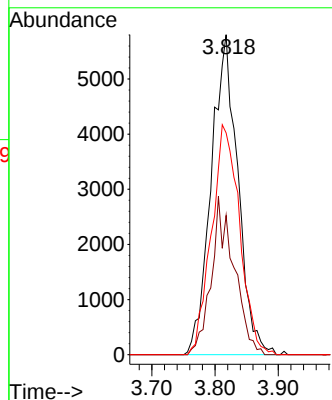
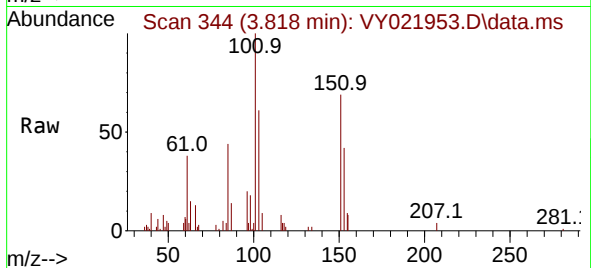
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.667 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 16958
Ion Ratio Lower Upper
101 100
85 42.3 34.6 51.8
151 75.9 63.7 95.5

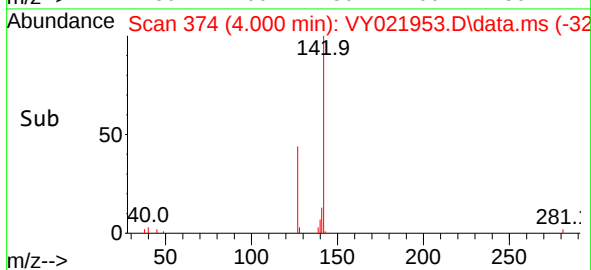
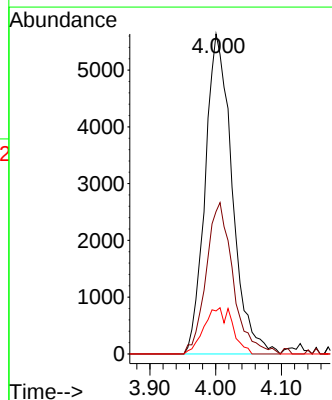
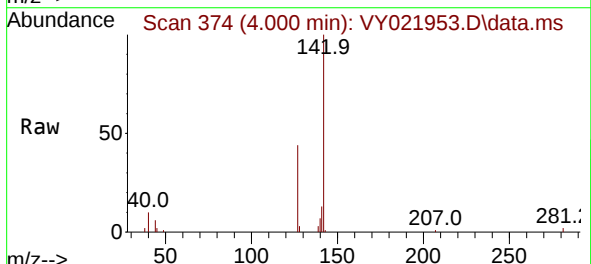
Manual Integrations
APPROVED

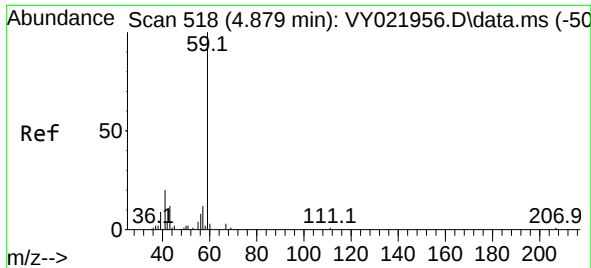
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025



#10
Methyl Iodide
Concen: 4.638 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

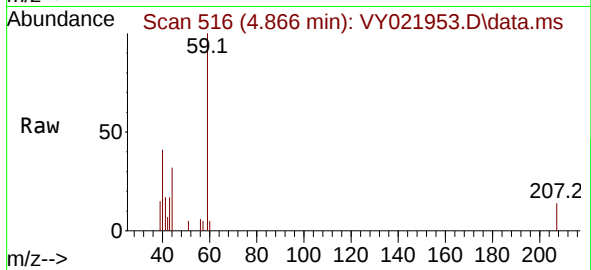
Tgt Ion:142 Resp: 16072
Ion Ratio Lower Upper
142 100
127 47.1 36.2 54.2
141 15.3 11.7 17.5





#11
Tert butyl alcohol
Concen: 26.192 ug/l m
RT: 4.866 min Scan# 518
Delta R.T. -0.012 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

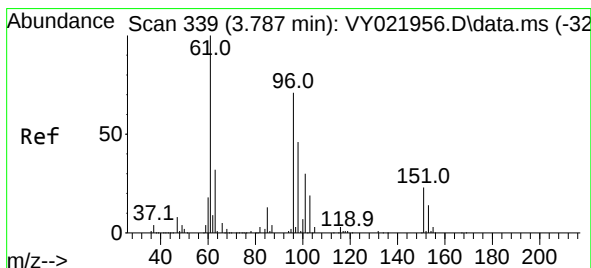
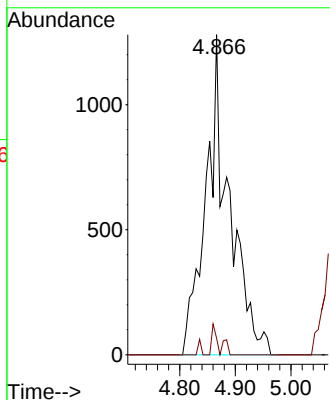
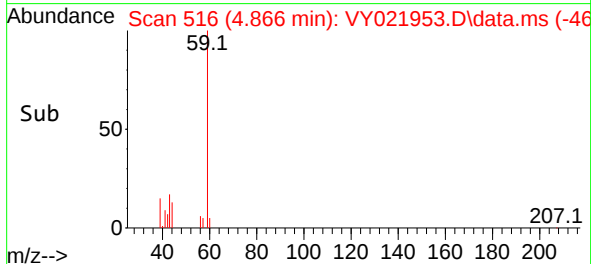
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



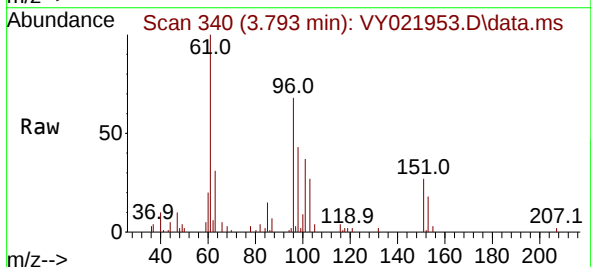
Tgt Ion: 59 Resp: 372
Ion Ratio Lower Upper
59 100
57 0.0 9.3 13.9

Manual Integrations
APPROVED

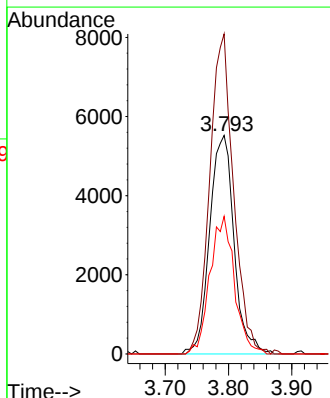
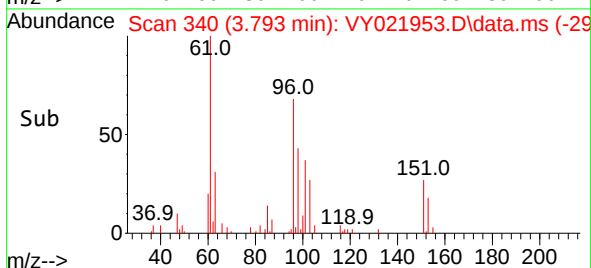
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

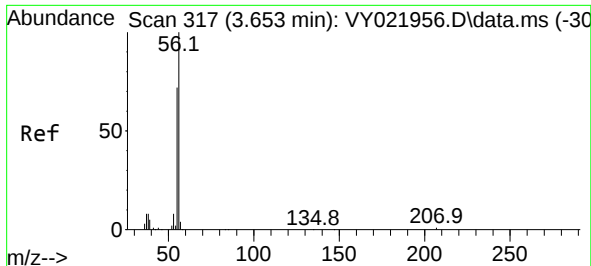


#12
1,1-Dichloroethene
Concen: 5.285 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39



Tgt Ion: 96 Resp: 14742
Ion Ratio Lower Upper
96 100
61 146.4 113.0 169.4
98 63.0 51.4 77.2





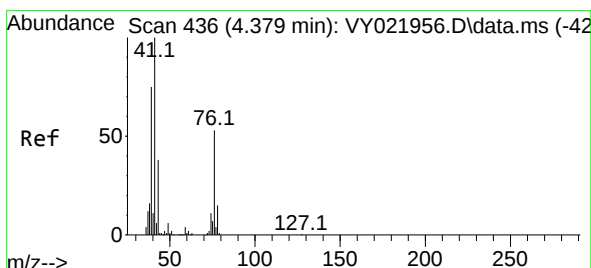
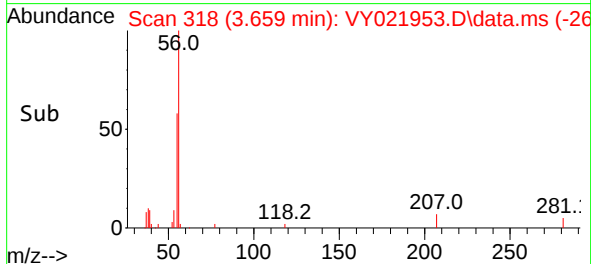
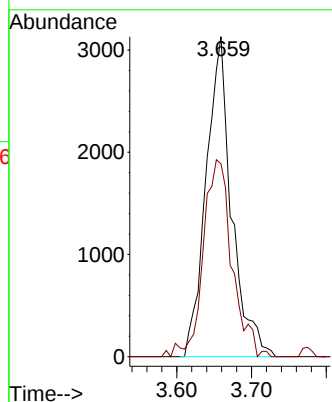
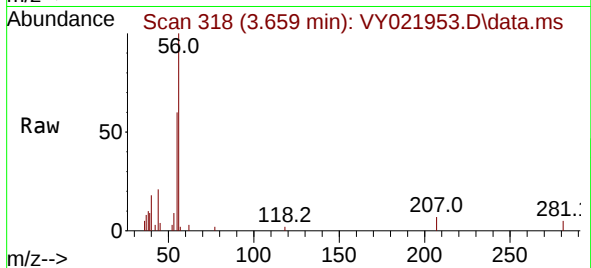
#13
Acrolein
Concen: 29.049 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 7419
Ion Ratio Lower Upper
56 100
55 69.4 57.4 86.0

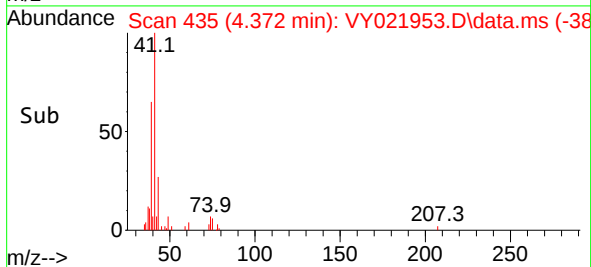
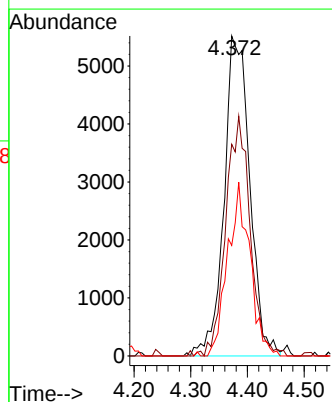
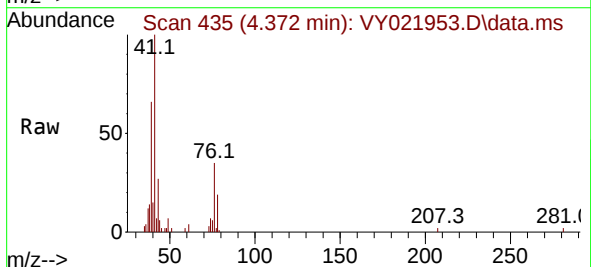
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025



#14
Allyl chloride
Concen: 5.352 ug/l
RT: 4.372 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

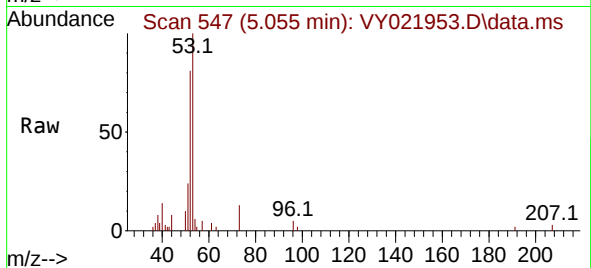
Tgt Ion: 41 Resp: 17385
Ion Ratio Lower Upper
41 100
39 71.1 57.2 85.8
76 46.9 39.7 59.5





#15
Acrylonitrile
Concen: 27.514 ug/l
RT: 5.055 min Scan# 547
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

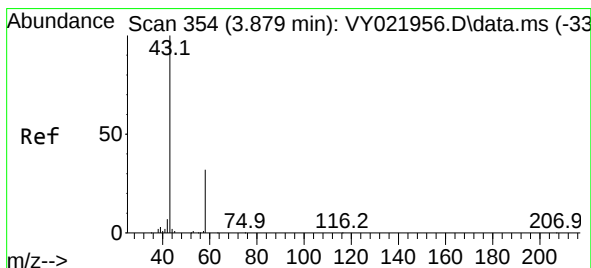
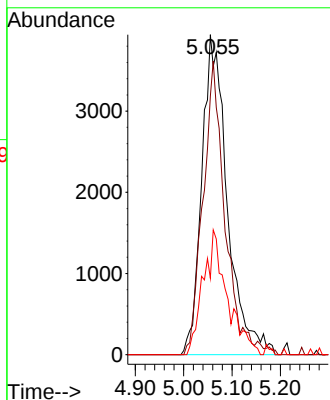
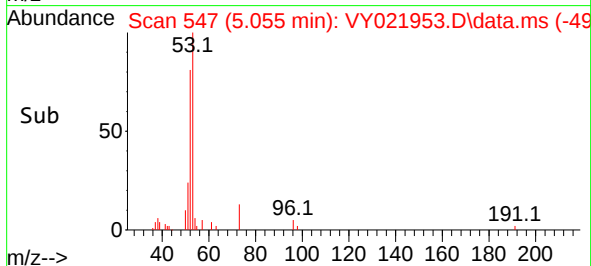
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



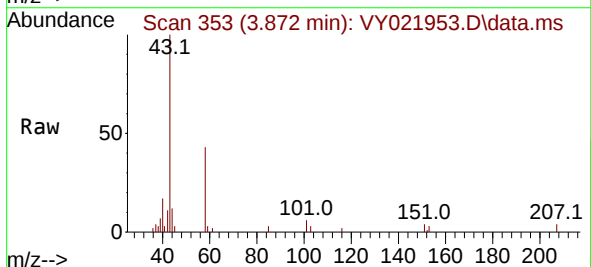
Tgt Ion: 53 Resp: 14464
Ion Ratio Lower Upper
53 100
52 77.8 65.0 97.6
51 36.6 28.9 43.3

Manual Integrations
APPROVED

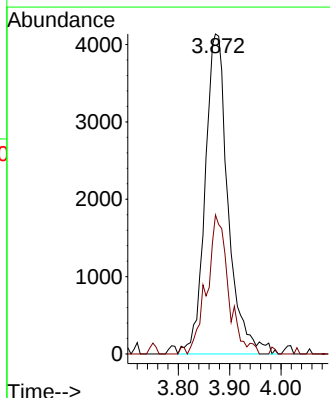
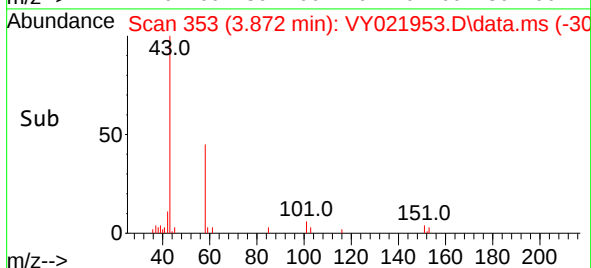
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

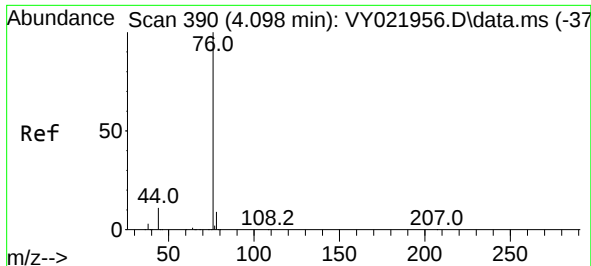


#16
Acetone
Concen: 18.039 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.007 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39



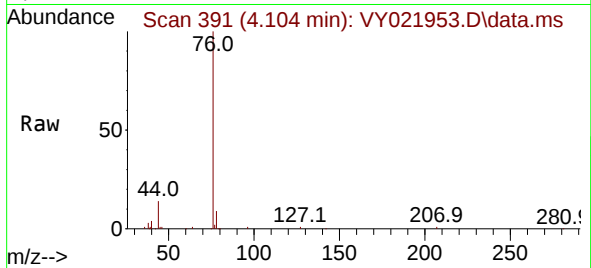
Tgt Ion: 43 Resp: 12844
Ion Ratio Lower Upper
43 100
58 43.5 27.0 40.4#





#17
Carbon Disulfide
Concen: 5.475 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

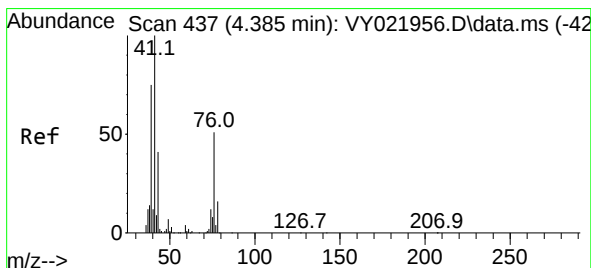
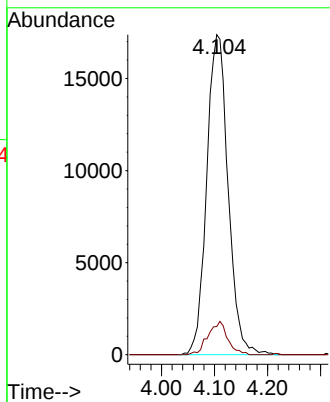
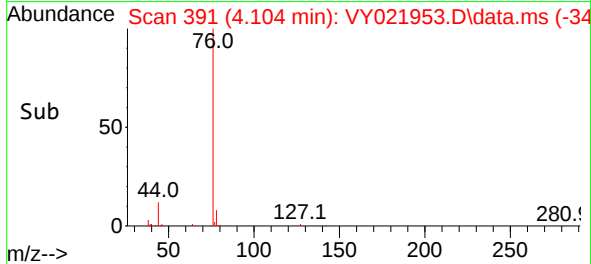
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 76 Resp: 4870
Ion Ratio Lower Upper
76 100
78 8.8 7.6 11.4

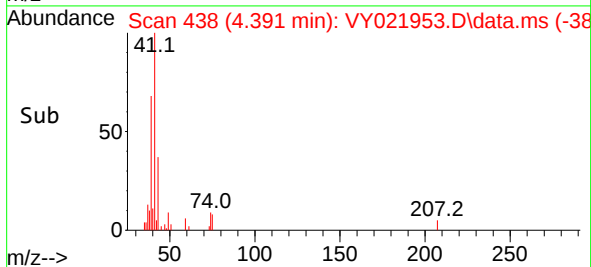
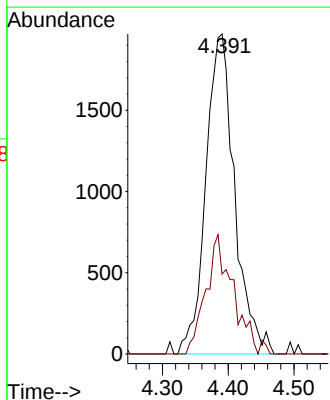
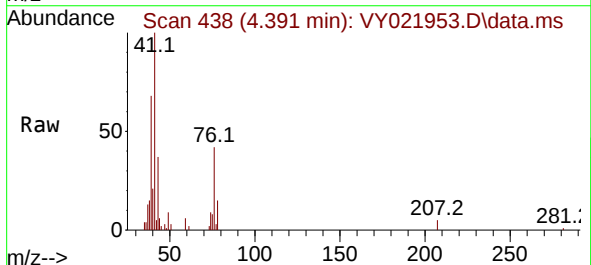
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025



#18
Methyl Acetate
Concen: 4.951 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 43 Resp: 5994
Ion Ratio Lower Upper
43 100
74 34.8 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 4.936 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY021953.D

Acq: 22 Apr 2025 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion: 73 Resp: 30819

Ion Ratio Lower Upper

73 100

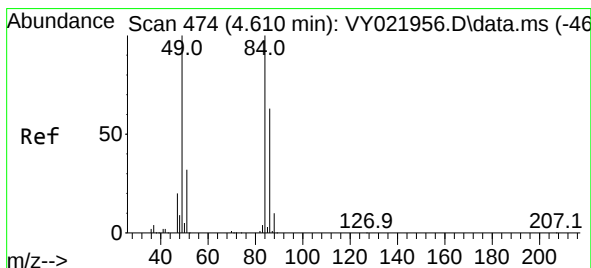
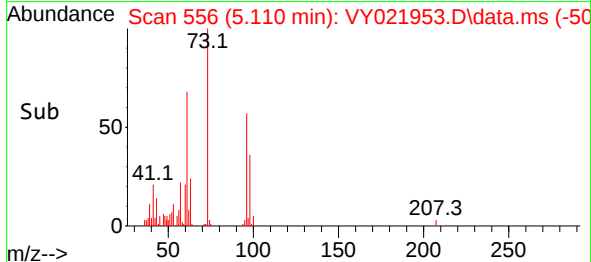
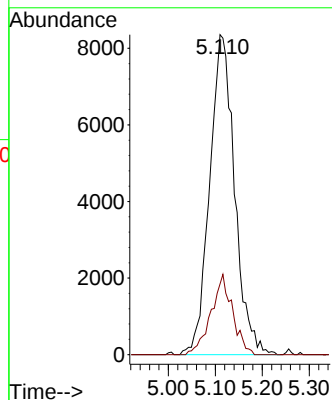
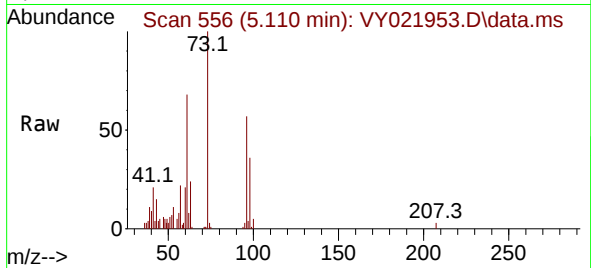
57 22.1 16.9 25.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025

Supervised By :Mahesh Dadoda 04/23/2025



#20

Methylene Chloride

Concen: 6.502 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.000 min

Lab File: VY021953.D

Acq: 22 Apr 2025 13:39

Tgt Ion: 84 Resp: 21309

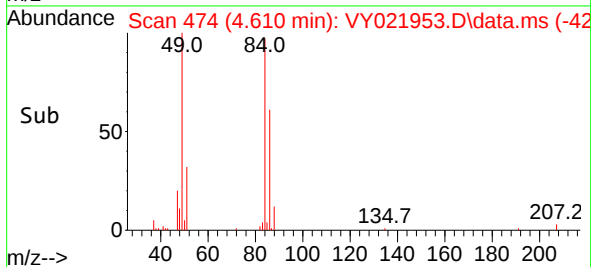
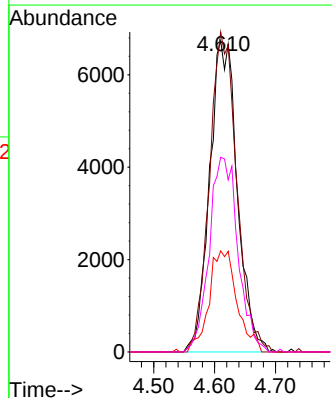
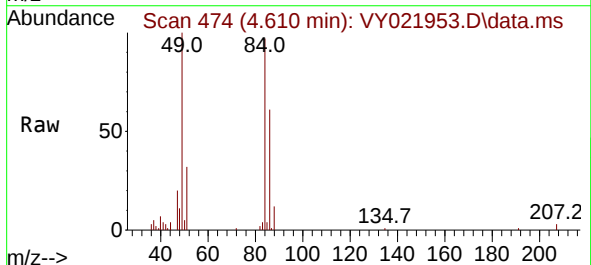
Ion Ratio Lower Upper

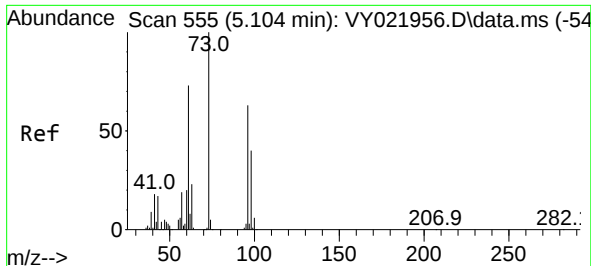
84 100

49 102.8 79.9 119.9

51 32.5 25.4 38.0

86 62.6 50.6 76.0





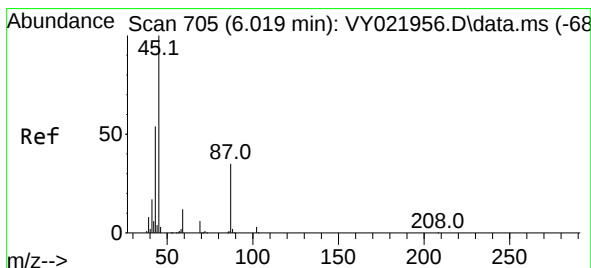
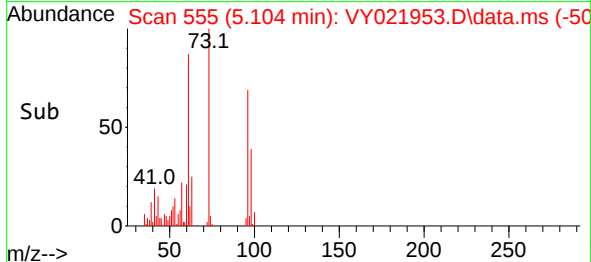
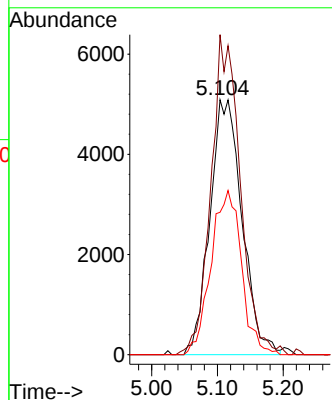
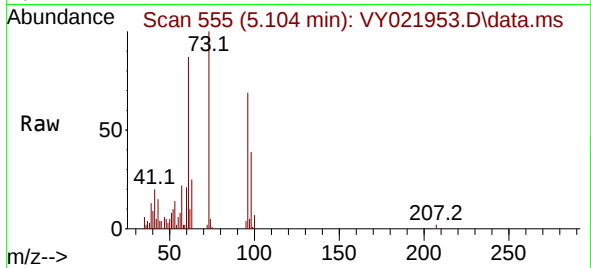
#21
trans-1,2-Dichloroethene
Concen: 5.556 ug/l
RT: 5.104 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 1735
Ion Ratio Lower Upper
96 100
61 124.5 92.6 138.8
98 55.8 50.2 75.4

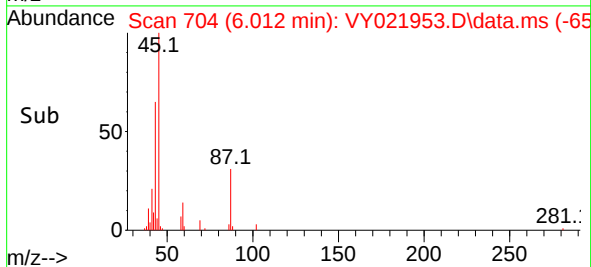
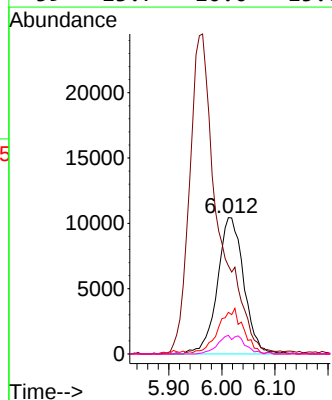
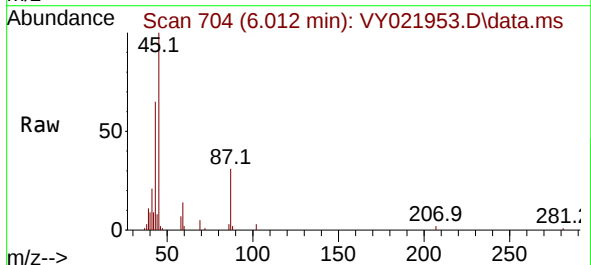
Manual Integrations
APPROVED

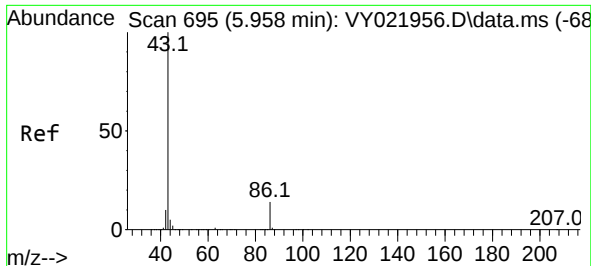
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025



#22
Diisopropyl ether
Concen: 4.975 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

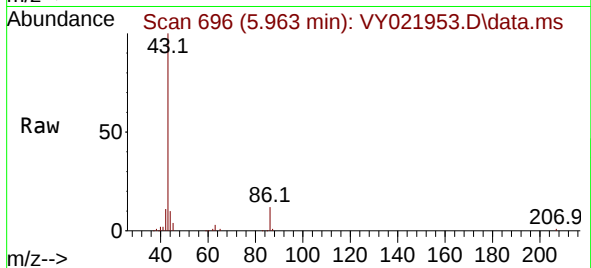
Tgt Ion: 45 Resp: 35963
Ion Ratio Lower Upper
45 100
43 62.5 43.6 65.4
87 30.5 28.2 42.4
59 13.7 10.0 15.0





#23
 Vinyl Acetate
 Concen: 23.655 ug/l
 RT: 5.963 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY021953.D
 Acq: 22 Apr 2025 13:39

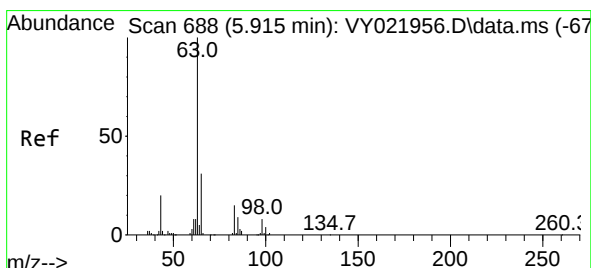
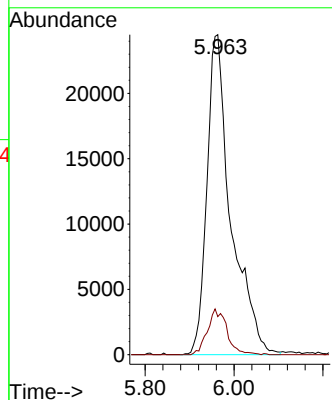
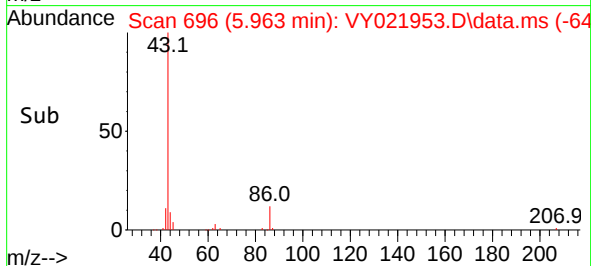
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005



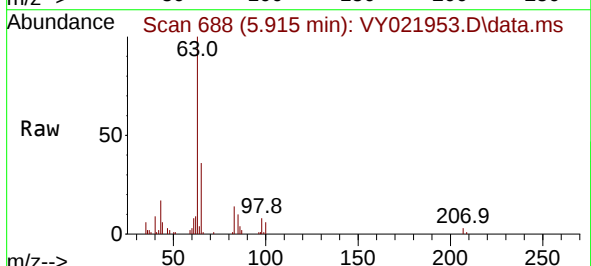
Tgt Ion: 43 Resp: 9215
 Ion Ratio Lower Upper
 43 100
 86 11.9 11.1 16.7

Manual Integrations
 APPROVED

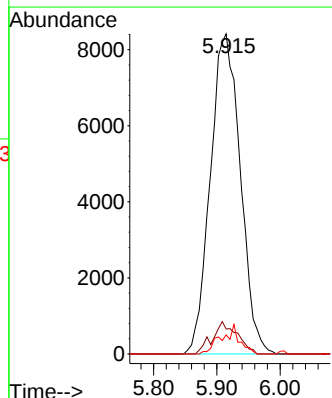
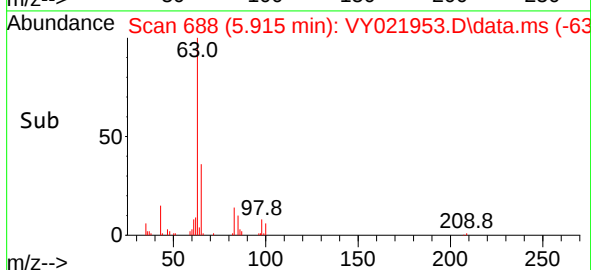
Reviewed By :Semsettin Yesilyurt 04/23/2025
 Supervised By :Mahesh Dadoda 04/23/2025

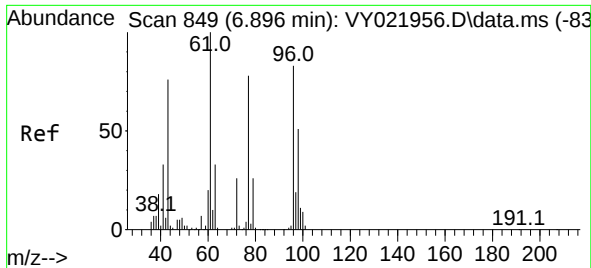


#24
 1,1-Dichloroethane
 Concen: 5.529 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY021953.D
 Acq: 22 Apr 2025 13:39



Tgt Ion: 63 Resp: 27705
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.0 11.9
 100 5.9 2.0 6.0





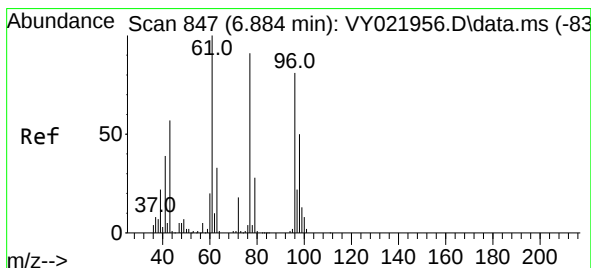
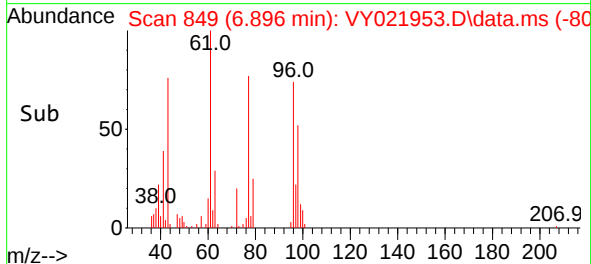
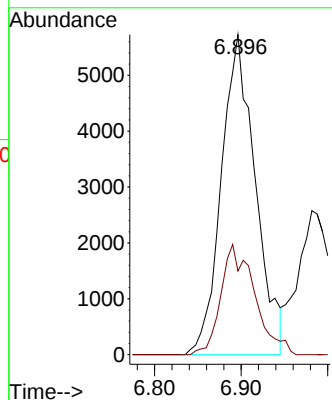
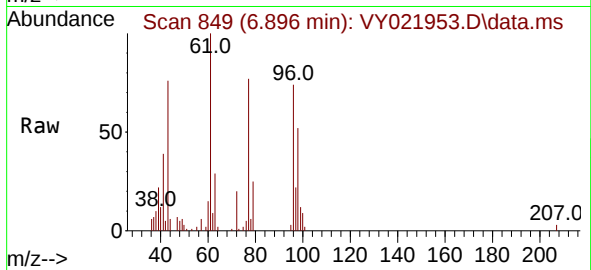
#25
2-Butanone
Concen: 26.449 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 1562
Ion Ratio Lower Upper
43 100
72 26.2 27.0 40.4

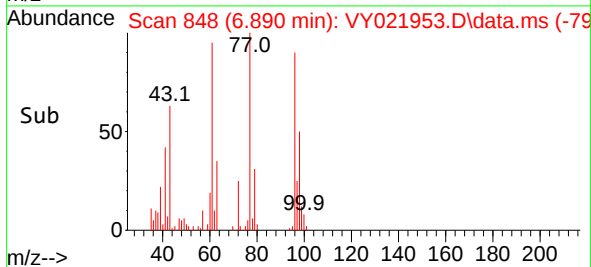
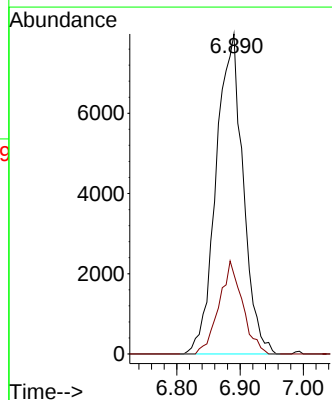
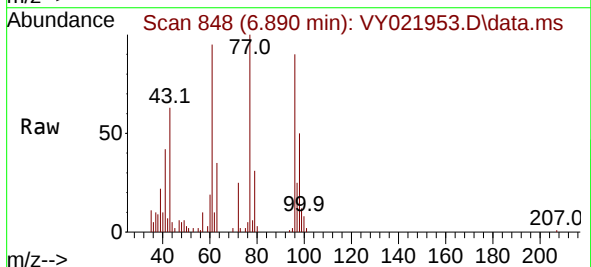
Manual Integrations
APPROVED

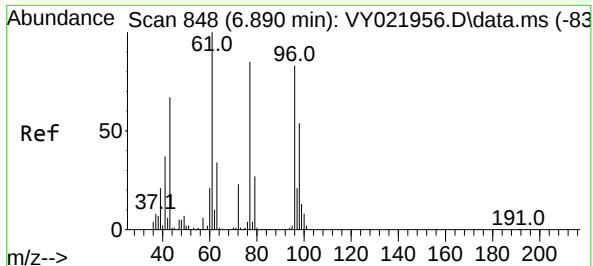
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025



#26
2,2-Dichloropropane
Concen: 5.373 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 77 Resp: 23594
Ion Ratio Lower Upper
77 100
97 25.3 12.4 37.4





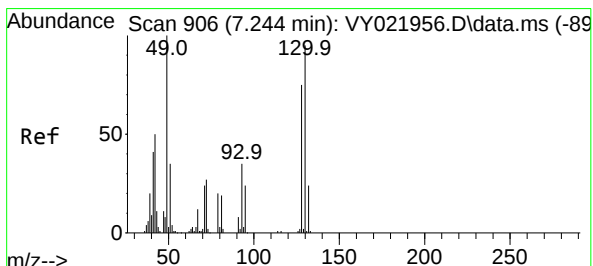
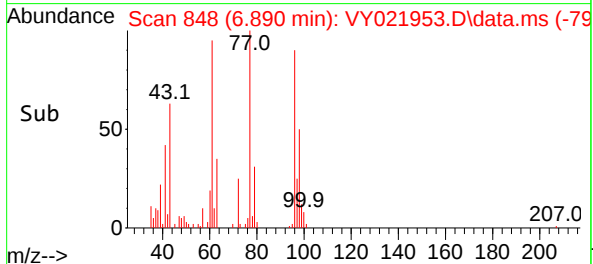
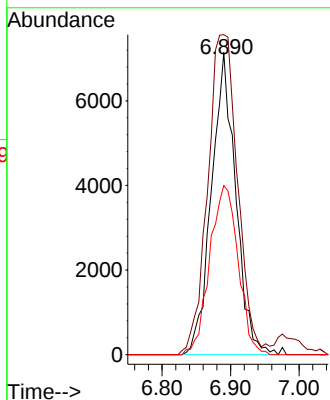
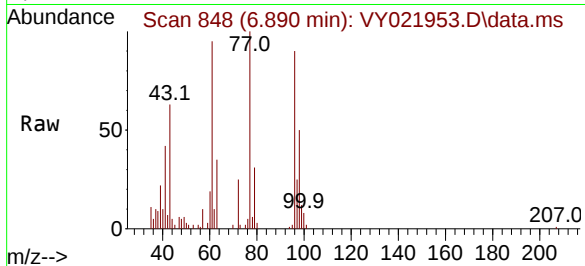
#27
cis-1,2-Dichloroethene
Concen: 5.029 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 17569
Ion Ratio Lower Upper
96 100
61 131.1 0.0 251.4
98 65.6 0.0 128.4

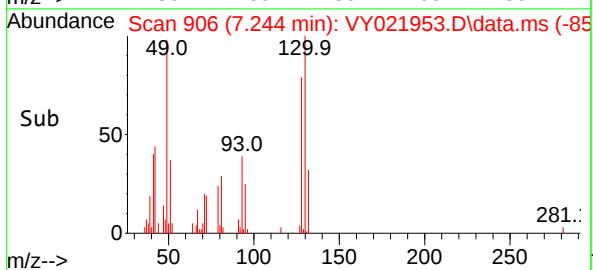
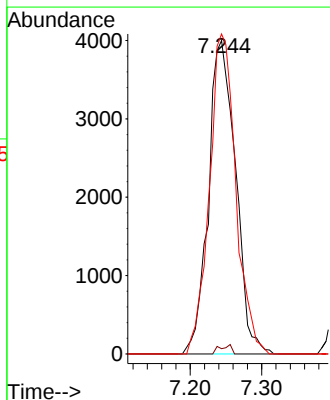
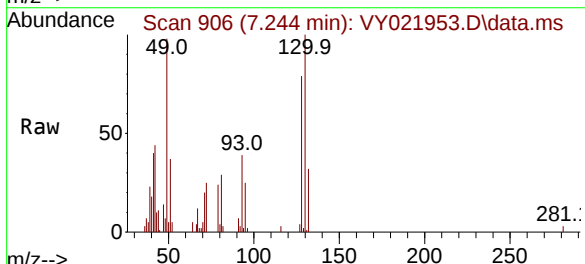
Manual Integrations
APPROVED

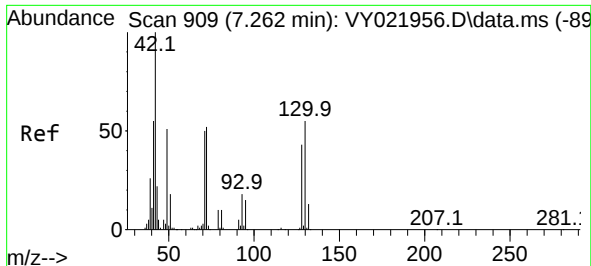
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025



#28
Bromochloromethane
Concen: 5.416 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 49 Resp: 10541
Ion Ratio Lower Upper
49 100
129 1.3 0.0 5.0
130 99.5 78.2 117.4





#29

Tetrahydrofuran

Concen: 24.559 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY021953.D

Acq: 22 Apr 2025 13:39

Instrument :

MSVOA_Y

ClientSampleId :

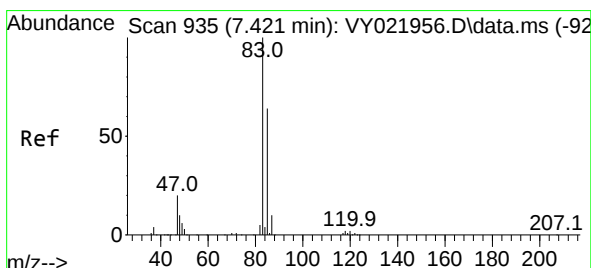
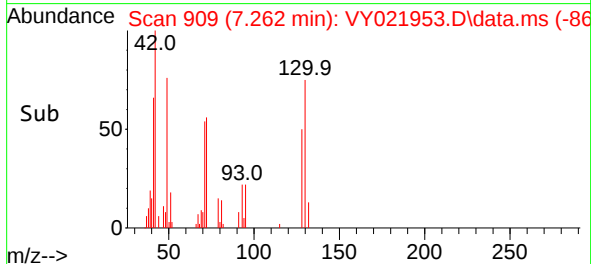
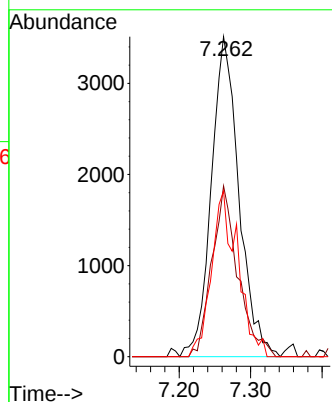
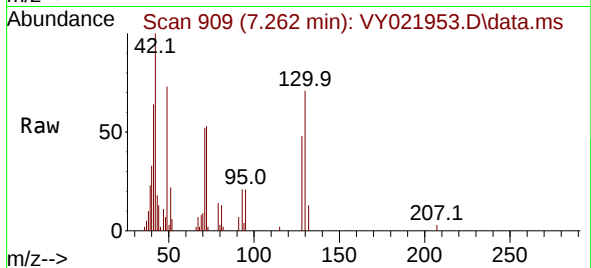
VSTDIC005

Tgt Ion:	42	Resp:	9424
Ion	Ratio	Lower	Upper
42	100		
72	50.4	42.6	63.8
71	49.4	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025



#30

Chloroform

Concen: 5.473 ug/l

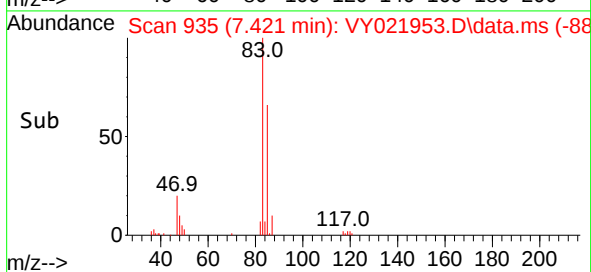
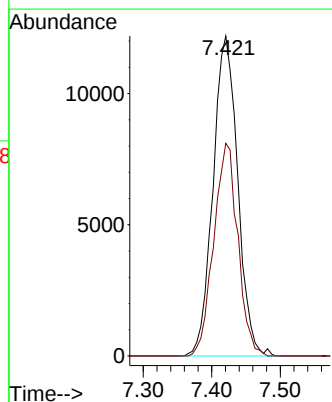
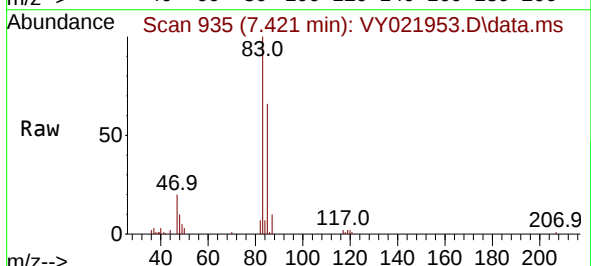
RT: 7.421 min Scan# 935

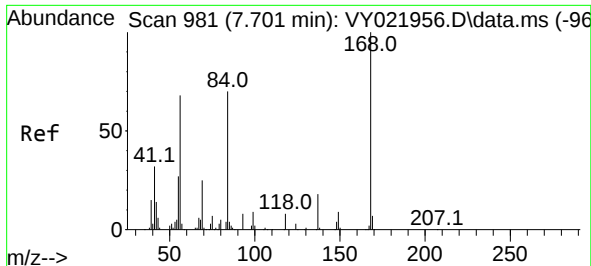
Delta R.T. -0.000 min

Lab File: VY021953.D

Acq: 22 Apr 2025 13:39

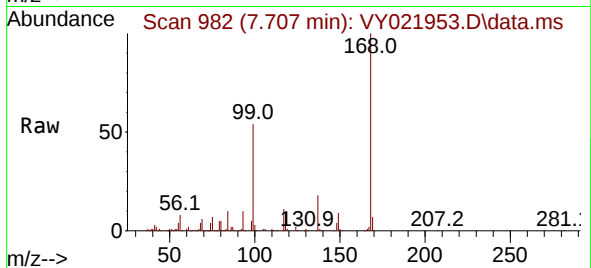
Tgt Ion:	83	Resp:	30418
Ion	Ratio	Lower	Upper
83	100		
85	66.5	51.3	76.9





#31
Cyclohexane
Concen: 5.472 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

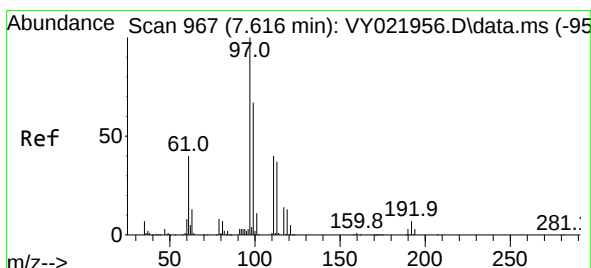
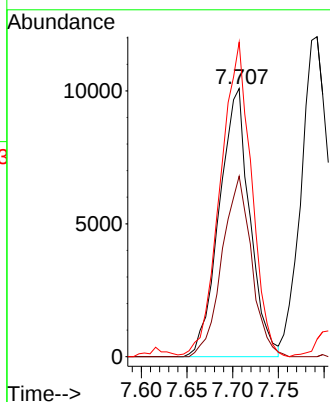
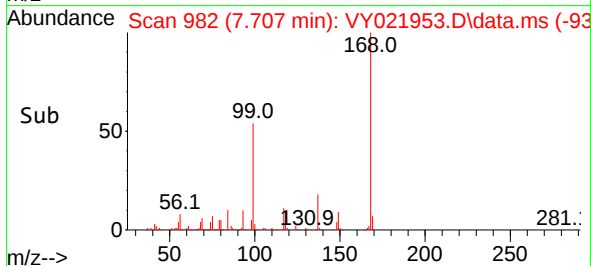
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



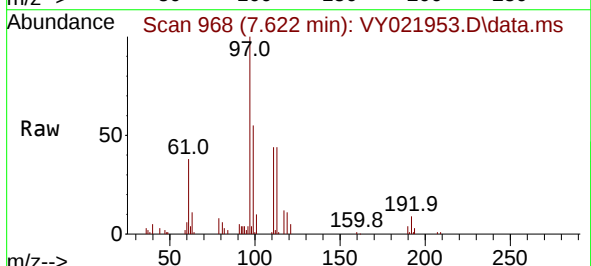
Tgt Ion: 56 Resp: 23440
Ion Ratio Lower Upper
56 100
69 67.3 29.4 44.2
84 116.5 82.2 123.4

Manual Integrations
APPROVED

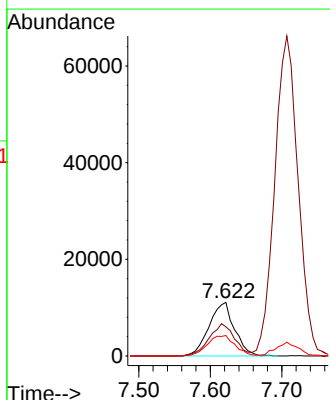
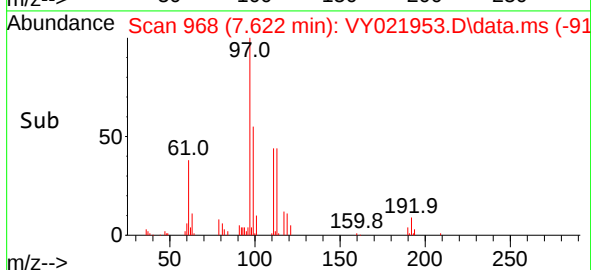
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025



#32
1,1,1-Trichloroethane
Concen: 5.424 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39



Tgt Ion: 97 Resp: 27271
Ion Ratio Lower Upper
97 100
99 61.0 51.4 77.2
61 41.6 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 5.679 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY021953.D

Acq: 22 Apr 2025 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 14719

Ion Ratio Lower Upper

65 100

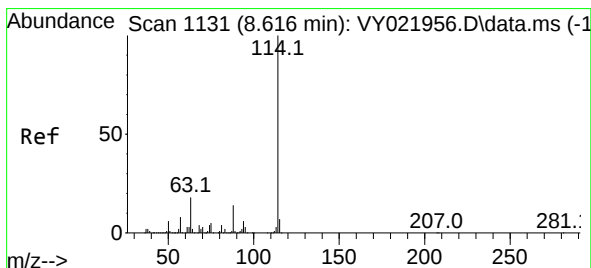
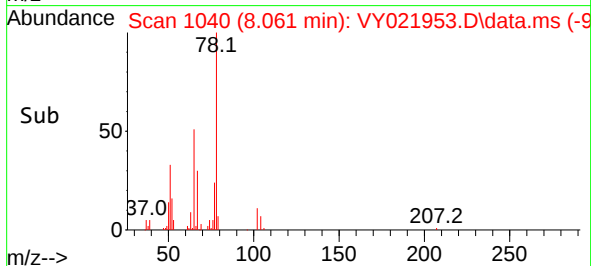
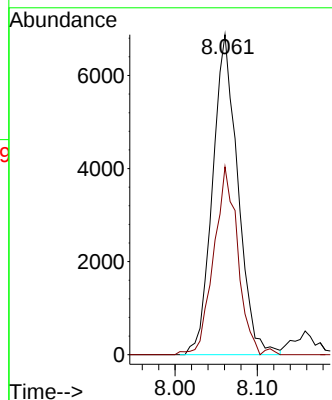
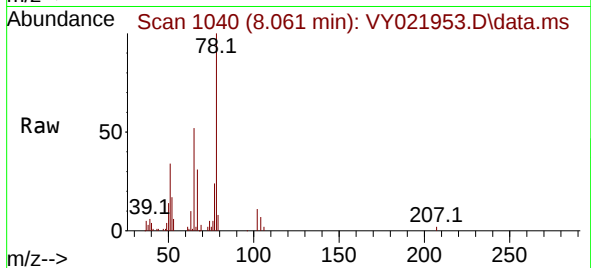
67 55.5 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025

Supervised By :Mahesh Dadoda 04/23/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY021953.D

Acq: 22 Apr 2025 13:39

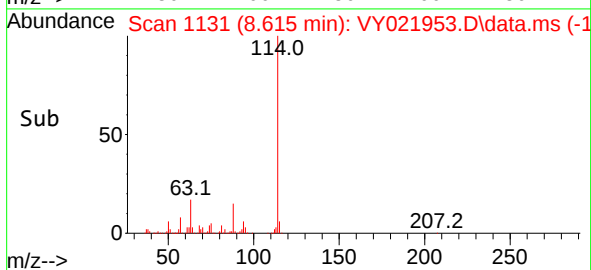
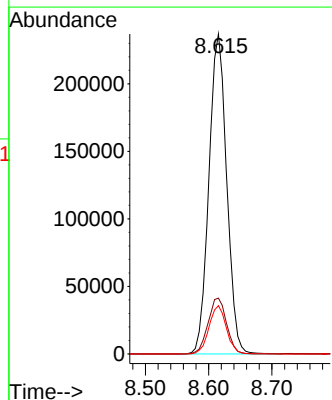
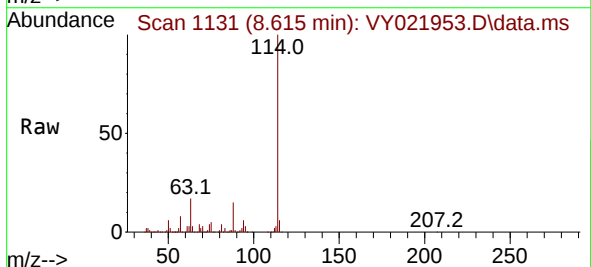
Tgt Ion:114 Resp: 462995

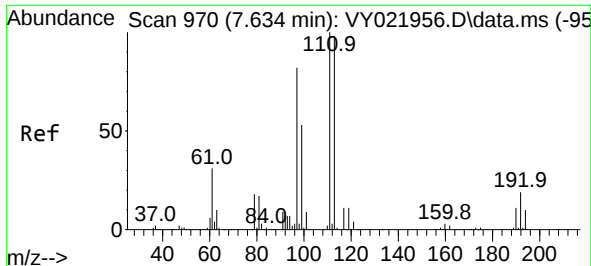
Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.4

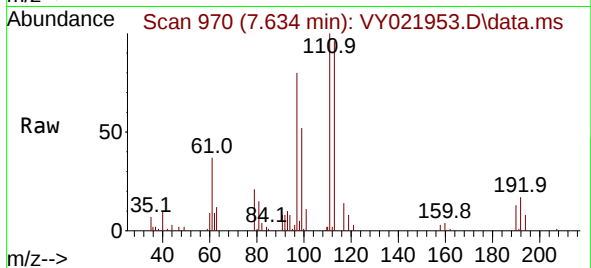
88 15.1 0.0 28.2





#35
Dibromofluoromethane
Concen: 5.073 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

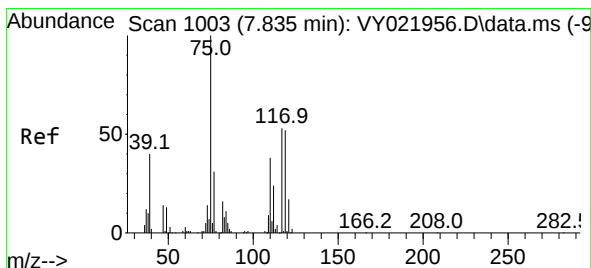
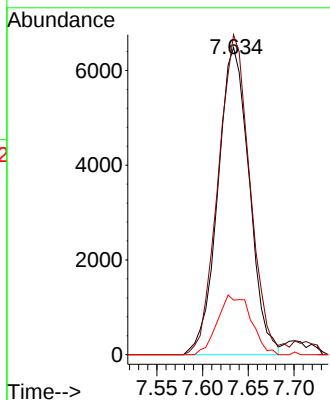
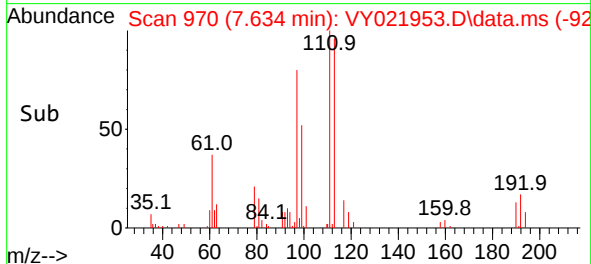
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



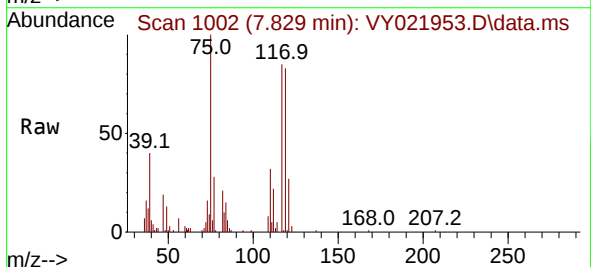
Tgt Ion: 113 Resp: 1551
Ion Ratio Lower Upper
113 100
111 105.8 81.8 122.8
192 20.6 15.6 23.4

Manual Integrations
APPROVED

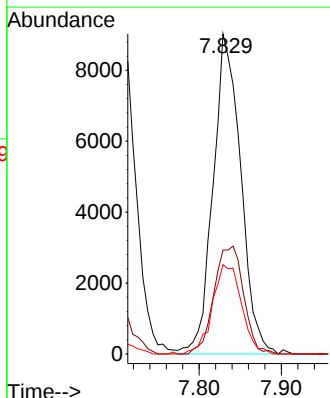
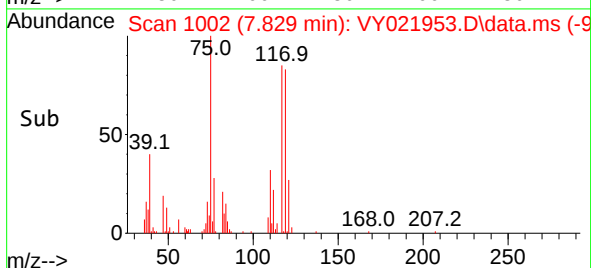
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

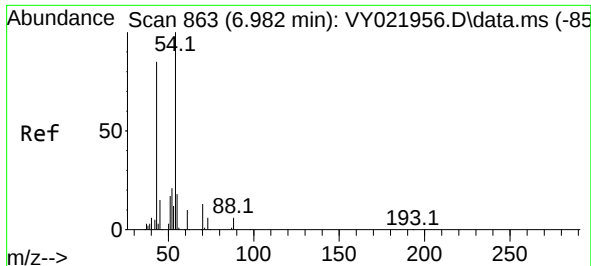


#36
1,1-Dichloropropene
Concen: 5.130 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39



Tgt Ion: 75 Resp: 21076
Ion Ratio Lower Upper
75 100
110 36.0 19.1 57.3
77 29.4 25.5 38.3





#37

Ethyl Acetate

Concen: 5.283 ug/l m

RT: 6.982 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY021953.D

Acq: 22 Apr 2025 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

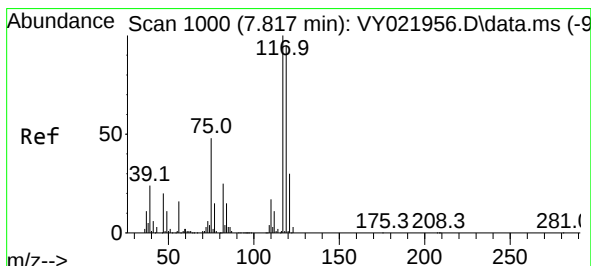
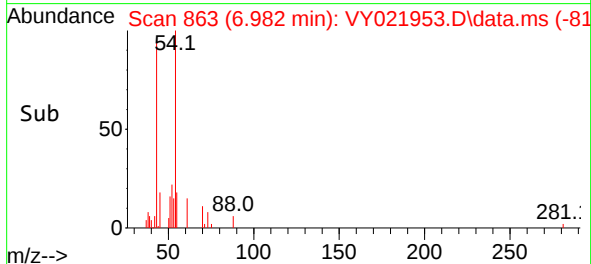
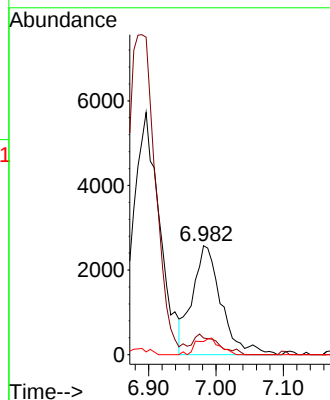
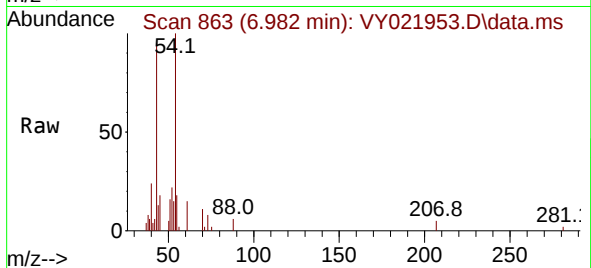
Tgt Ion: 43 Resp: 769

Ion	Ratio	Lower	Upper
43	100		
61	15.8	13.8	20.6
70	12.3	9.2	13.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025



#38

Carbon Tetrachloride

Concen: 5.095 ug/l

RT: 7.811 min Scan# 999

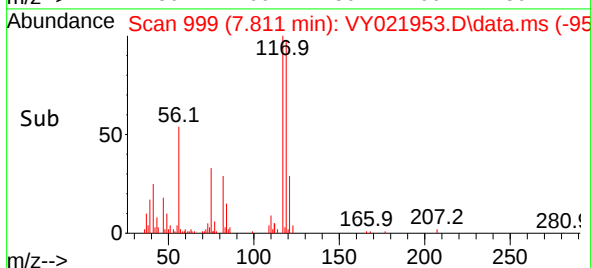
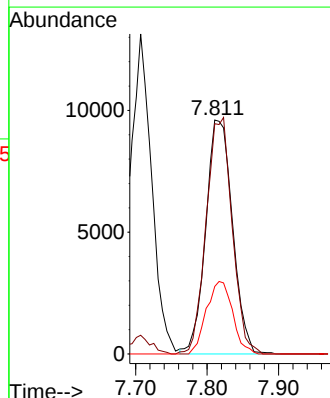
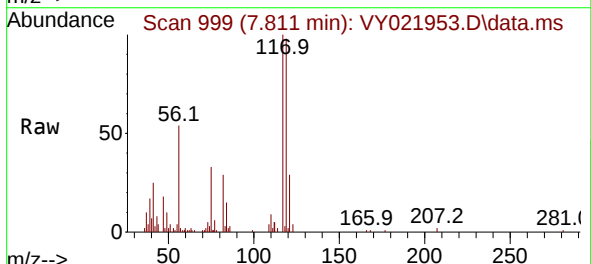
Delta R.T. -0.006 min

Lab File: VY021953.D

Acq: 22 Apr 2025 13:39

Tgt Ion:117 Resp: 25016

Ion	Ratio	Lower	Upper
117	100		
119	98.4	76.2	114.4
121	28.9	24.0	36.0





#39

Methylcyclohexane

Concen: 4.700 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021953.D

Acq: 22 Apr 2025 13:39

Instrument :

MSVOA_Y

ClientSampleId :

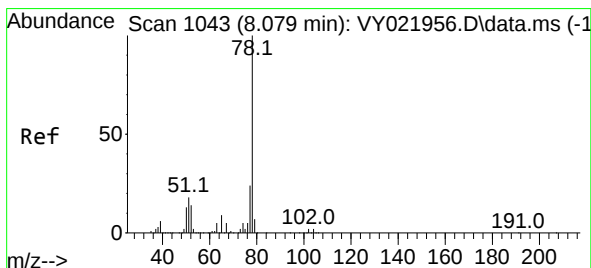
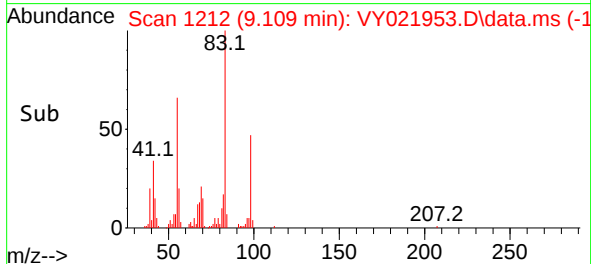
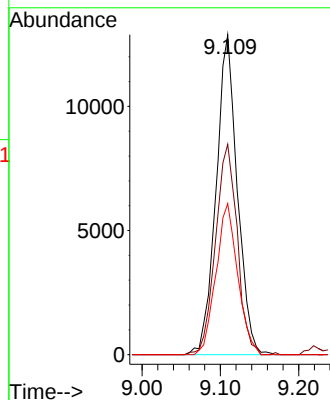
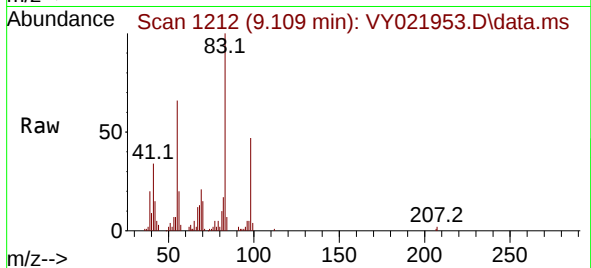
VSTDIC005

Tgt Ion: 83	Resp: 2430
Ion Ratio	Lower Upper
83 100	
55 65.8	50.6 75.8
98 47.2	38.6 58.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025



#40

Benzene

Concen: 5.129 ug/l

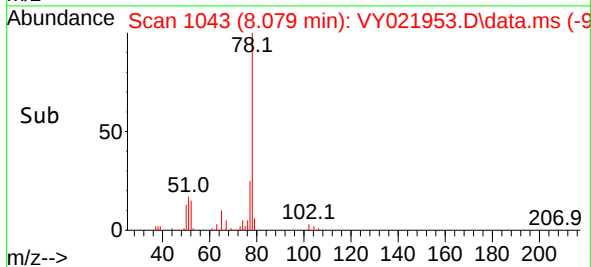
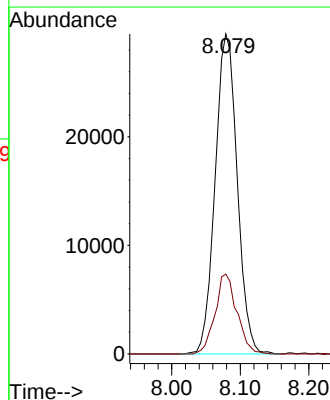
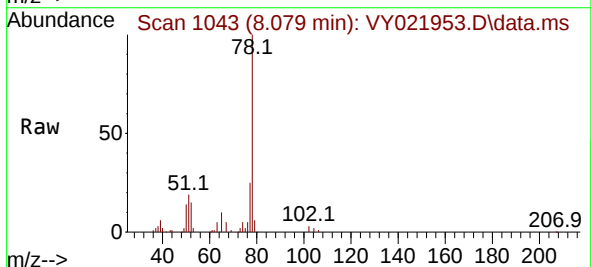
RT: 8.079 min Scan# 1043

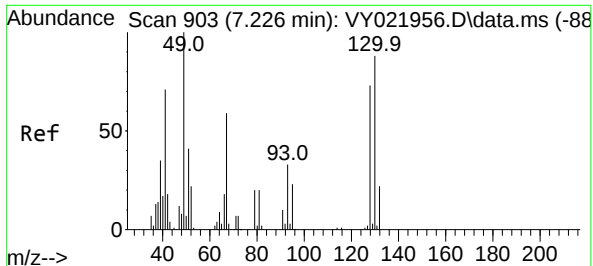
Delta R.T. -0.000 min

Lab File: VY021953.D

Acq: 22 Apr 2025 13:39

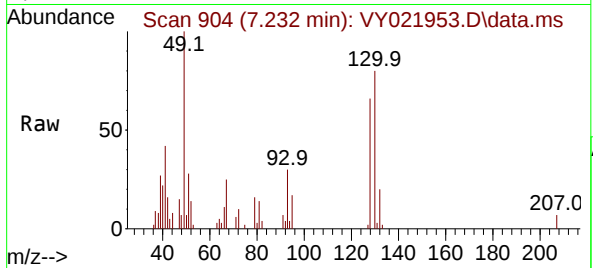
Tgt Ion: 78	Resp: 65878
Ion Ratio	Lower Upper
78 100	
77 24.9	19.3 28.9





#41
Methacrylonitrile
Concen: 4.345 ug/l m
RT: 7.232 min Scan# 903
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

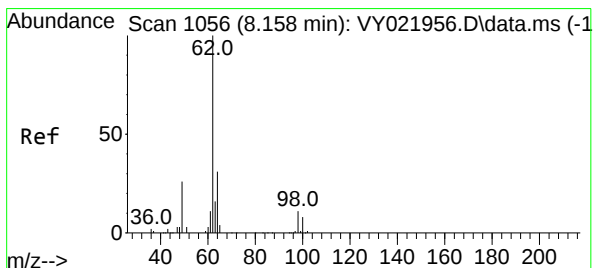
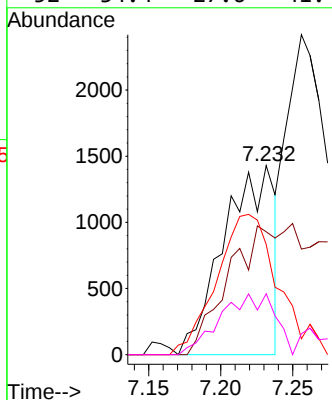
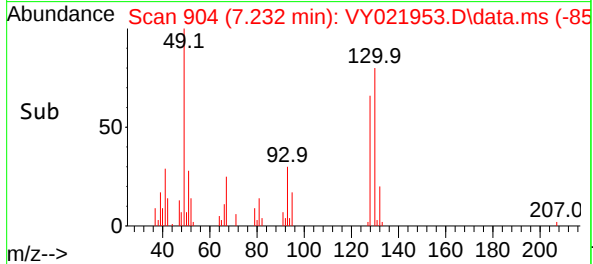
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 41 Resp: 3500
Ion Ratio Lower Upper
41 100
39 63.9 36.6 55.0
67 89.8 72.2 108.4
52 34.4 27.6 41.4

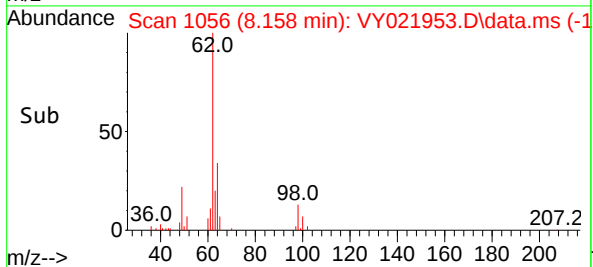
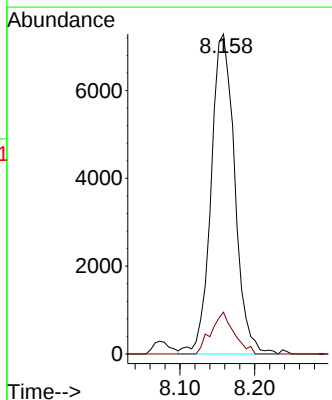
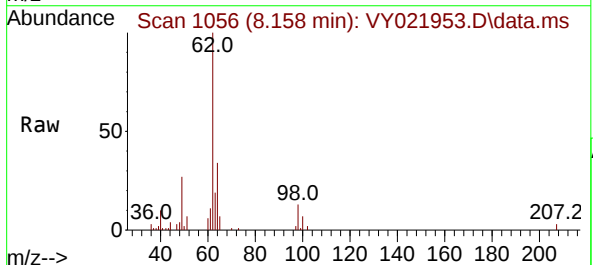
Manual Integrations
APPROVED

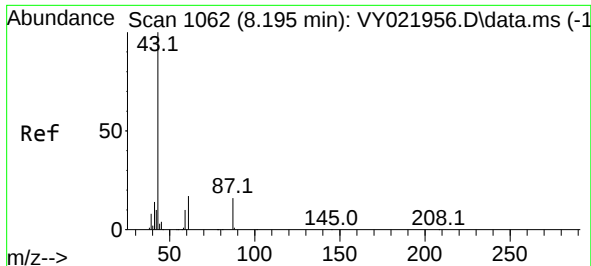
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025



#42
1,2-Dichloroethane
Concen: 5.046 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

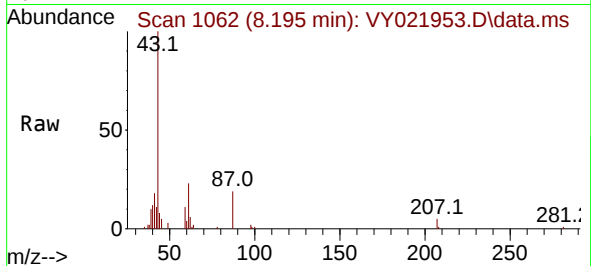
Tgt Ion: 62 Resp: 16046
Ion Ratio Lower Upper
62 100
98 12.7 0.0 22.0





#43
Isopropyl Acetate
Concen: 4.919 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

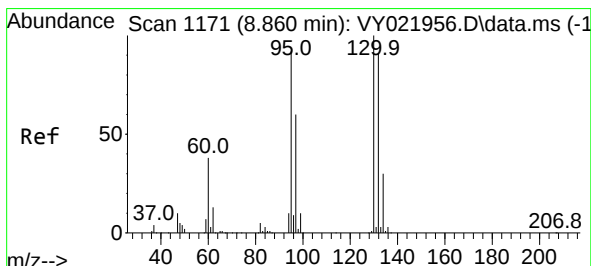
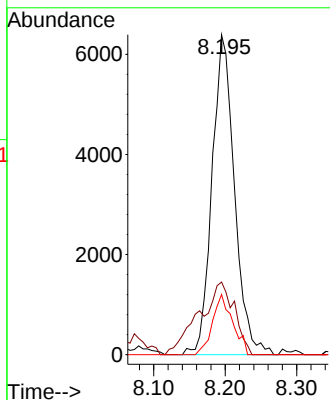
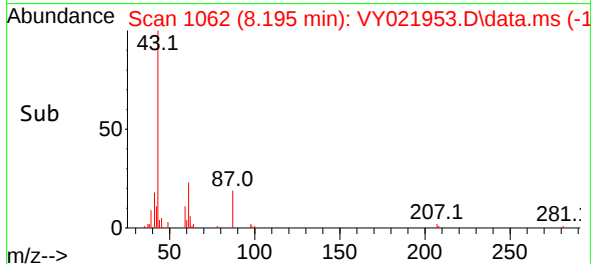
Instrument : MSVOA_Y
ClientSampleId : VSTDIC005



Tgt Ion: 43 Resp: 13940
Ion Ratio Lower Upper
43 100
61 35.6 18.9 28.3
87 16.8 13.7 20.5

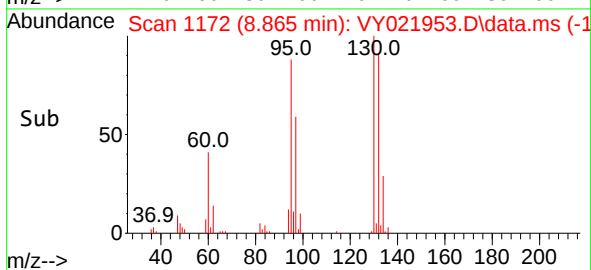
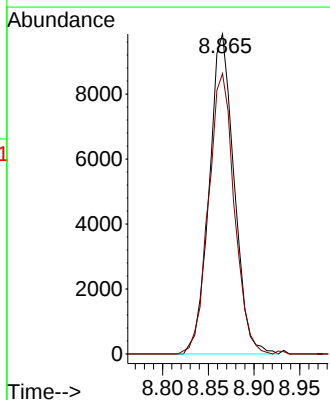
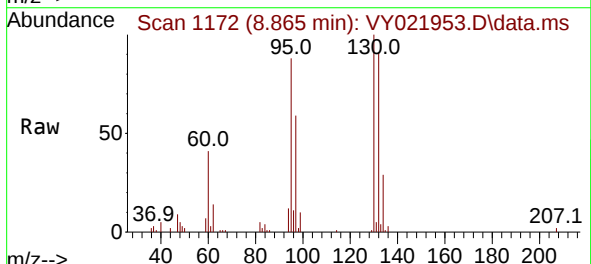
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025



#44
Trichloroethene
Concen: 5.231 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion:130 Resp: 18611
Ion Ratio Lower Upper
130 100
95 87.6 0.0 183.2





#45

1,2-Dichloropropane

Concen: 5.220 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY021953.D

Acq: 22 Apr 2025 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 1482

Ion Ratio Lower Upper

63 100

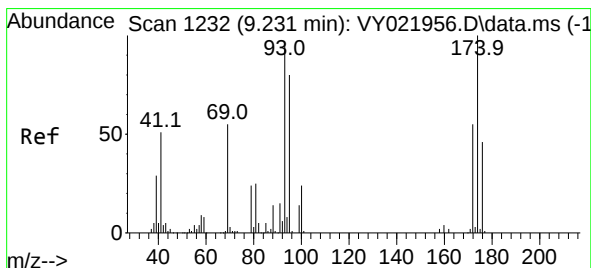
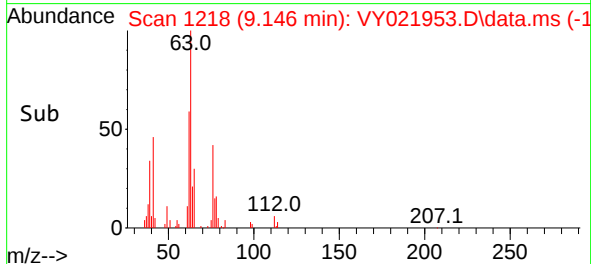
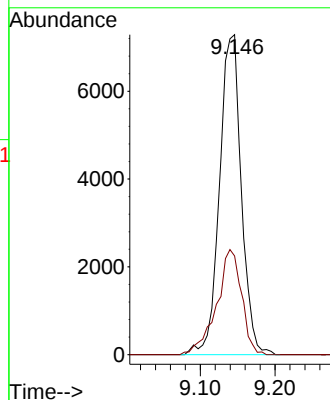
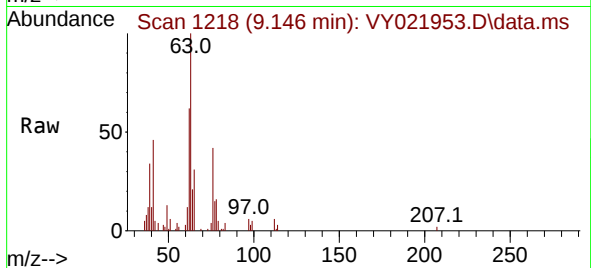
65 30.8 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025

Supervised By :Mahesh Dadoda 04/23/2025



#46

Dibromomethane

Concen: 5.268 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY021953.D

Acq: 22 Apr 2025 13:39

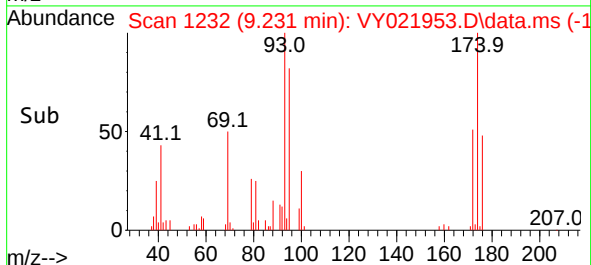
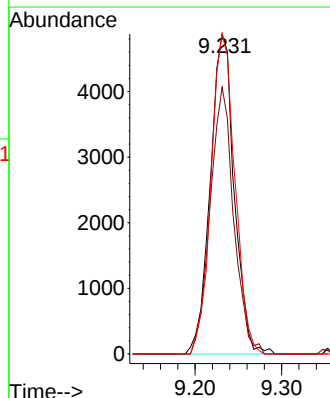
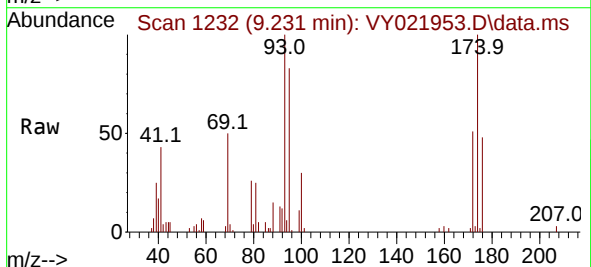
Tgt Ion: 93 Resp: 9367

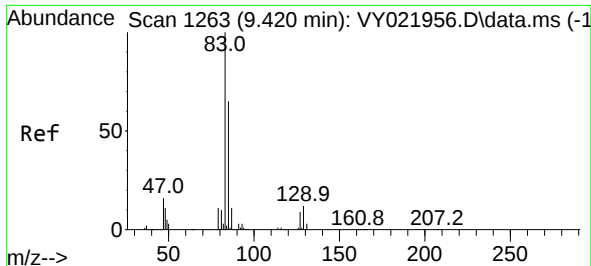
Ion Ratio Lower Upper

93 100

95 81.9 66.7 100.1

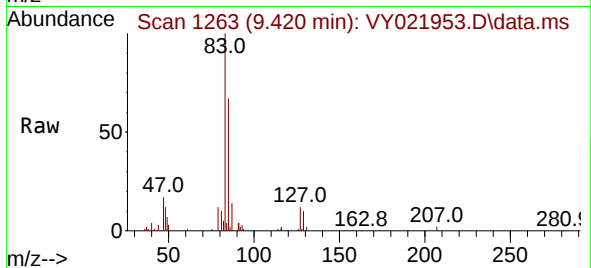
174 99.2 84.6 127.0





#47
Bromodichloromethane
Concen: 4.991 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

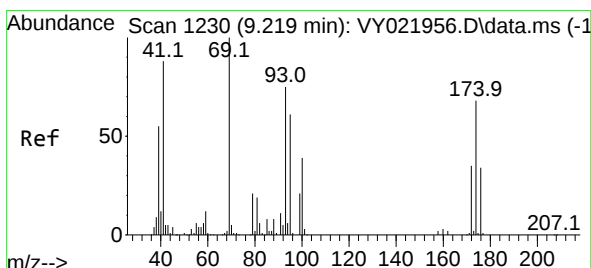
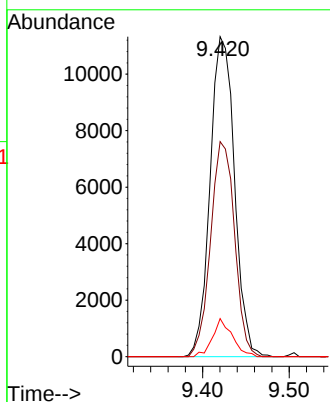
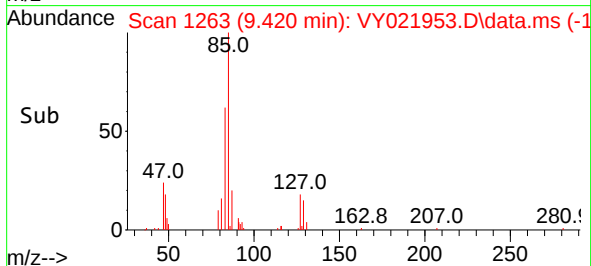
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



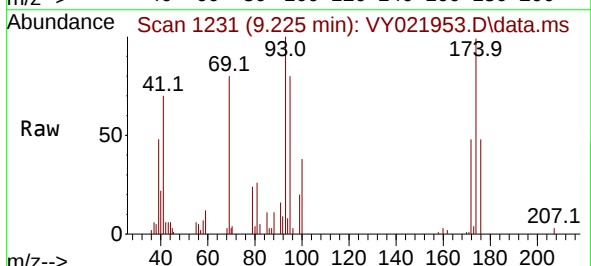
Tgt Ion: 83 Resp: 22170
Ion Ratio Lower Upper
83 100
85 67.2 51.8 77.8
127 11.9 7.0 10.6

Manual Integrations
APPROVED

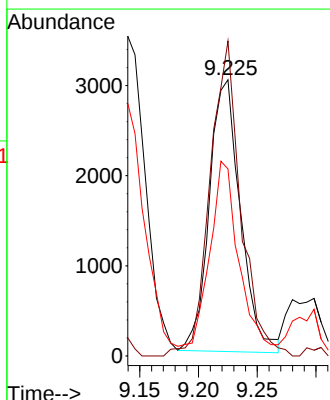
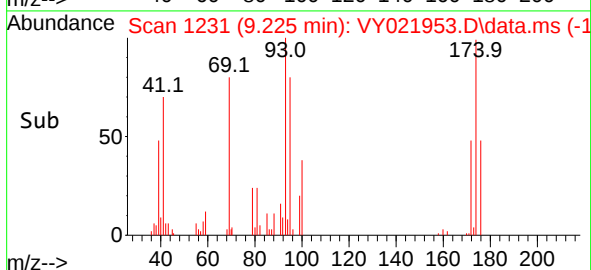
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

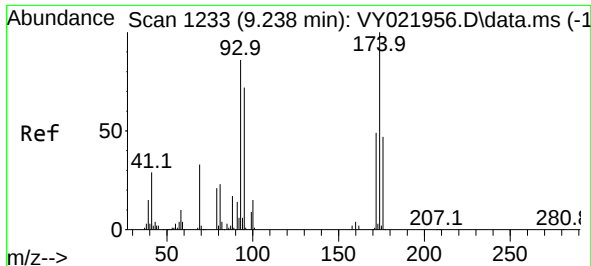


#48
Methyl methacrylate
Concen: 4.252 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39



Tgt Ion: 41 Resp: 5570
Ion Ratio Lower Upper
41 100
69 113.8 85.5 128.3
39 61.6 46.2 69.4





#49

1,4-Dioxane

Concen: 89.863 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021953.D

Acq: 22 Apr 2025 13:39

Instrument :

MSVOA_Y

ClientSampleId :

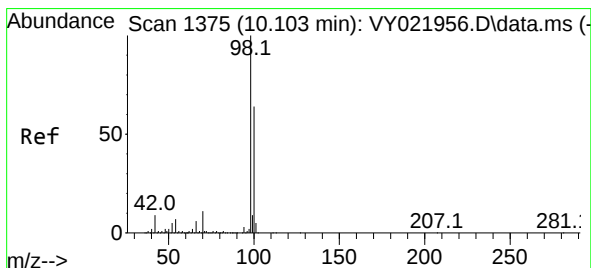
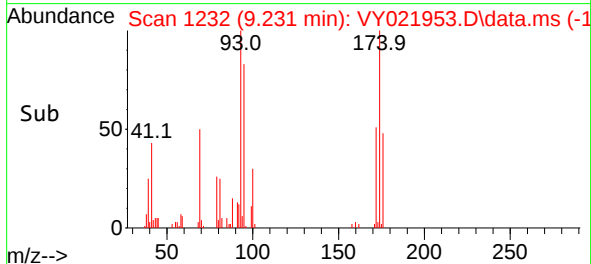
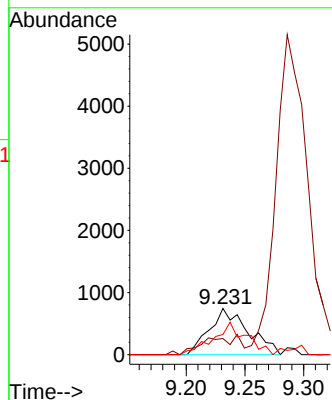
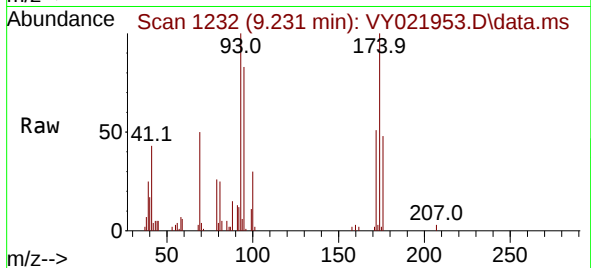
VSTDIC005

Tgt Ion: 88	Resp: 170
Ion Ratio	Lower Upper
88	100
43	38.6 21.3 31.9
58	60.0 50.5 75.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025



#50

Toluene-d8

Concen: 4.900 ug/l

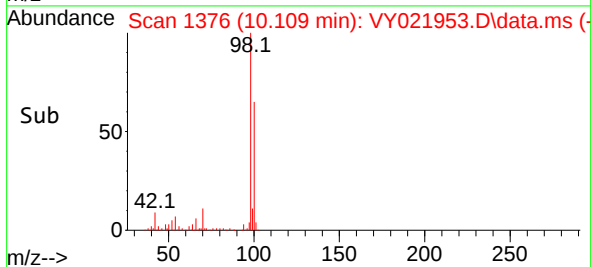
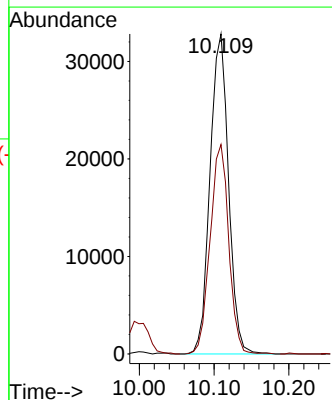
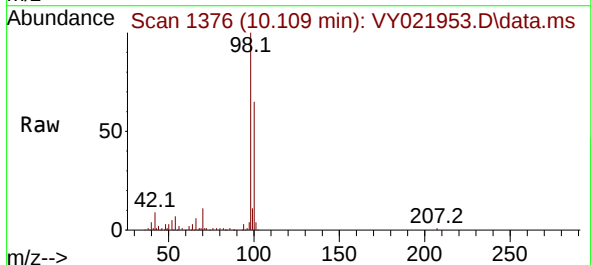
RT: 10.109 min Scan# 1376

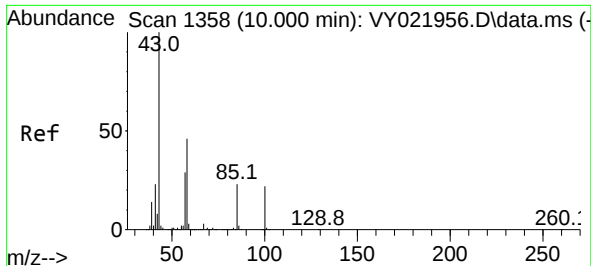
Delta R.T. 0.006 min

Lab File: VY021953.D

Acq: 22 Apr 2025 13:39

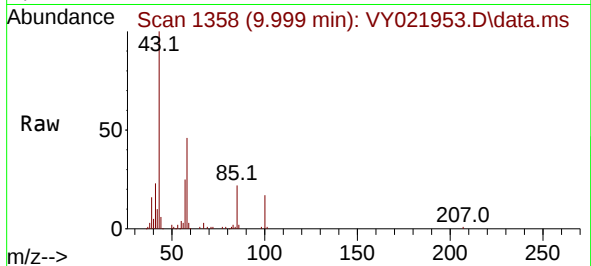
Tgt Ion: 98	Resp: 56501
Ion Ratio	Lower Upper
98	100
100	66.0 51.6 77.4





#51
4-Methyl-2-Pentanone
Concen: 22.414 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

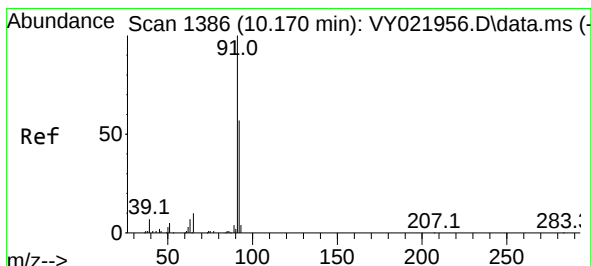
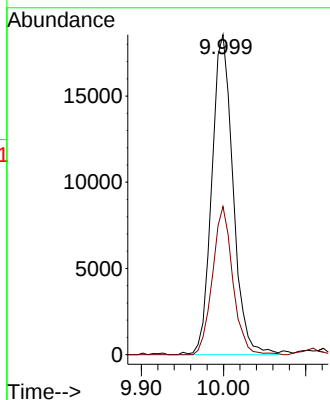
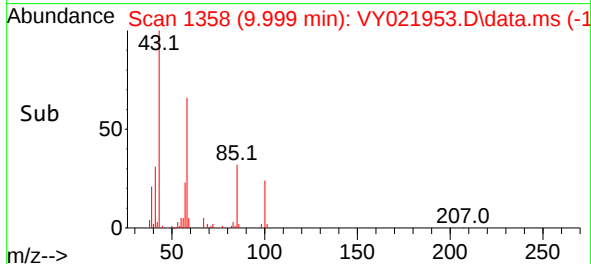
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



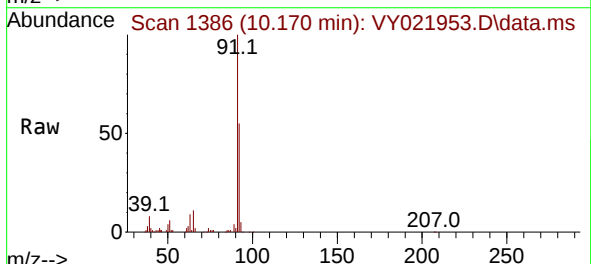
Tgt Ion: 43 Resp: 33298
Ion Ratio Lower Upper
43 100
58 44.2 36.6 55.0

Manual Integrations
APPROVED

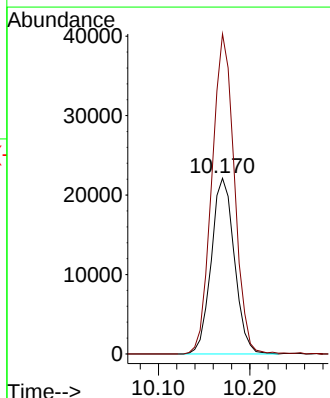
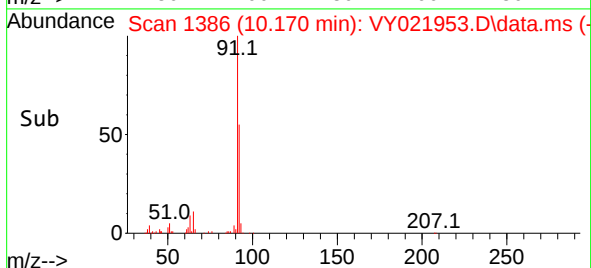
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

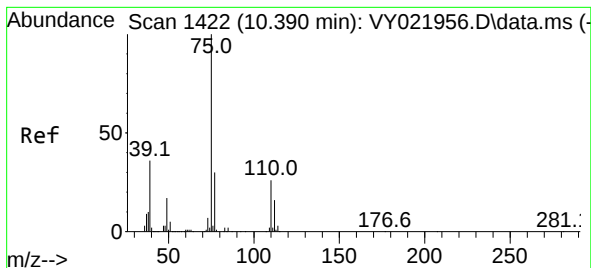


#52
Toluene
Concen: 4.665 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39



Tgt Ion: 92 Resp: 38784
Ion Ratio Lower Upper
92 100
91 177.9 138.6 207.8





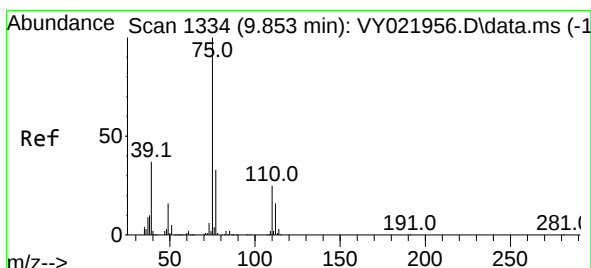
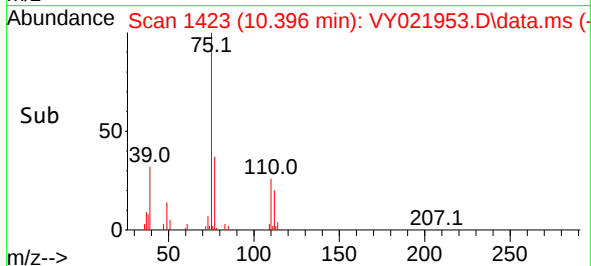
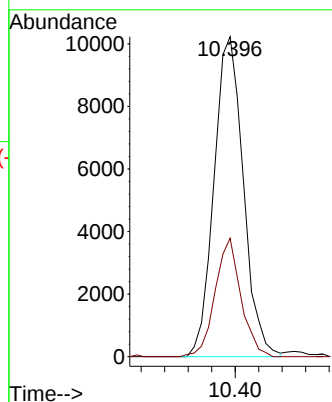
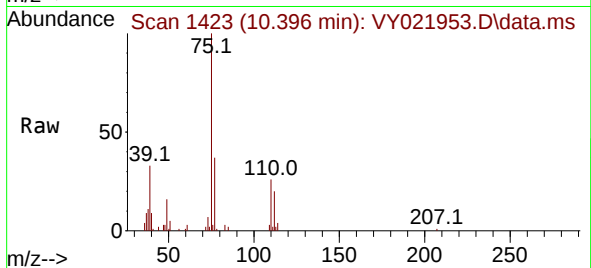
#53
t-1,3-Dichloropropene
Concen: 4.649 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 17712
Ion Ratio Lower Upper
75 100
77 37.0 24.0 36.0

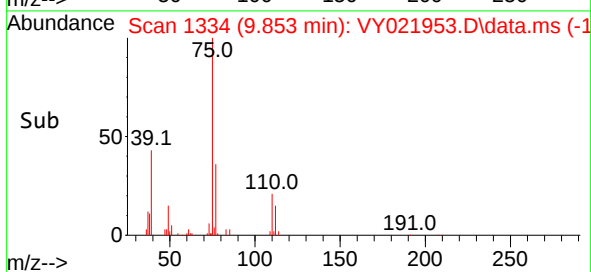
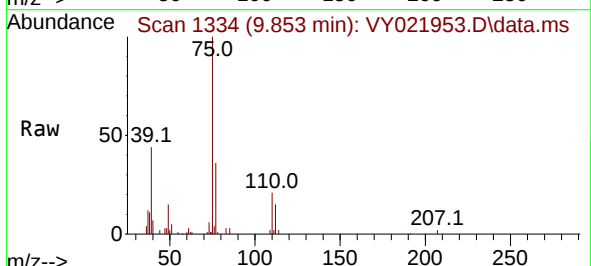
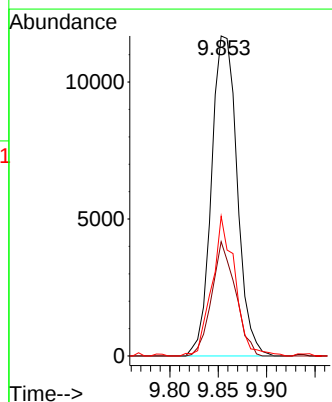
Manual Integrations
APPROVED

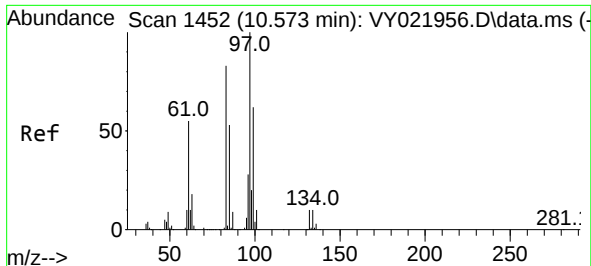
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025



#54
cis-1,3-Dichloropropene
Concen: 4.765 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

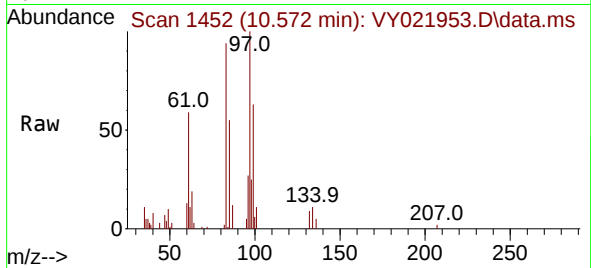
Tgt Ion: 75 Resp: 21582
Ion Ratio Lower Upper
75 100
77 35.7 26.6 40.0
39 43.6 29.6 44.4





#55
1,1,2-Trichloroethane
Concen: 4.877 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

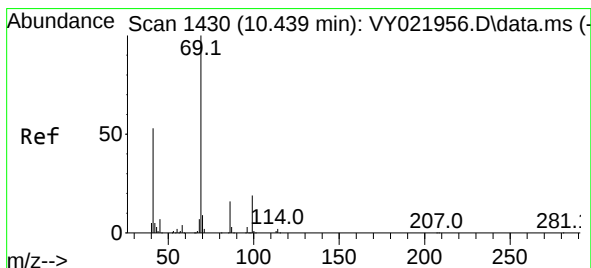
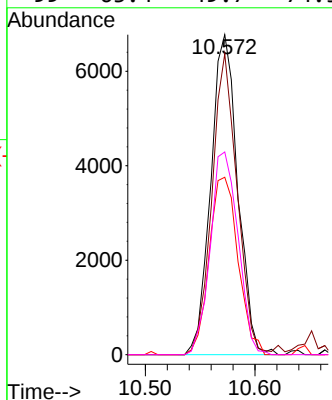
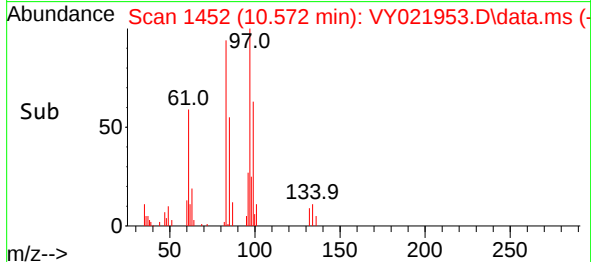
Instrument : MSVOA_Y
ClientSampleId : VSTDIC005



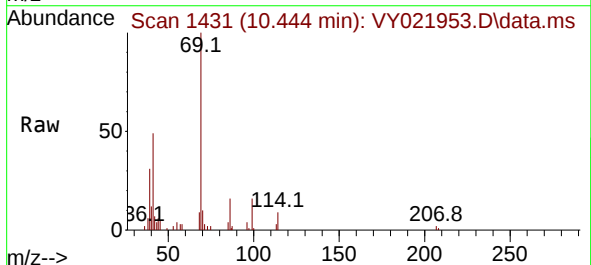
Tgt Ion	Ratio	Lower	Upper
97	100		
83	94.0	66.7	100.1
85	55.5	42.6	64.0
99	63.4	49.7	74.5

Manual Integrations
APPROVED

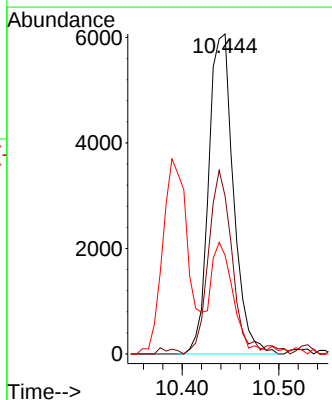
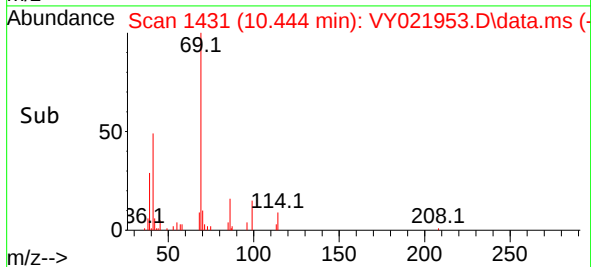
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

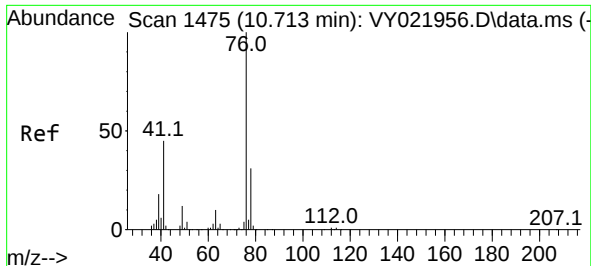


#56
Ethyl methacrylate
Concen: 3.982 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39



Tgt Ion	Ratio	Lower	Upper
69	100		
41	54.5	40.7	61.1
39	30.0	23.3	34.9





#57

1,3-Dichloropropane

Concen: 5.020 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY021953.D

Acq: 22 Apr 2025 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 1911

Ion Ratio Lower Upper

76 100

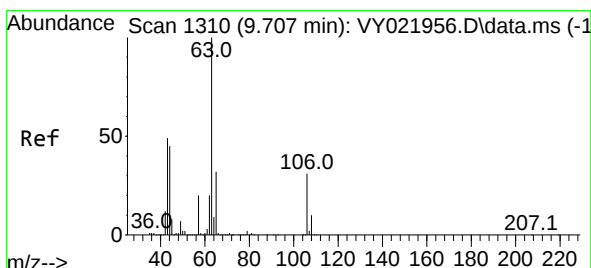
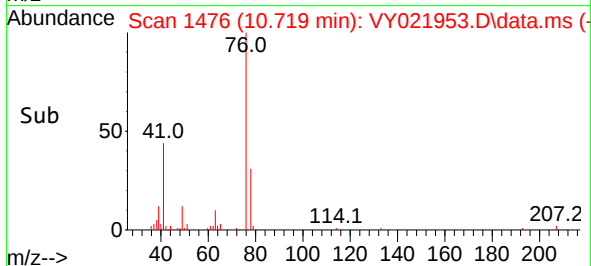
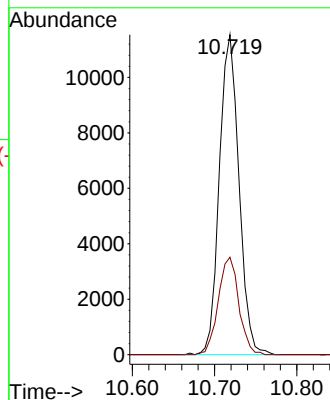
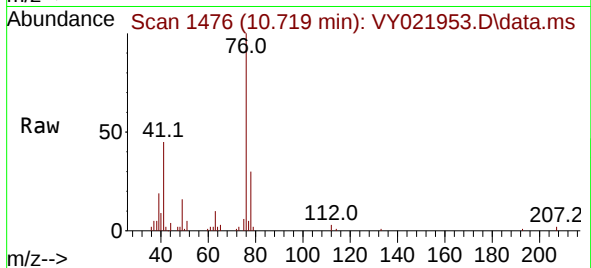
78 31.9 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025

Supervised By :Mahesh Dadoda 04/23/2025



#58

2-Chloroethyl Vinyl ether

Concen: 20.606 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY021953.D

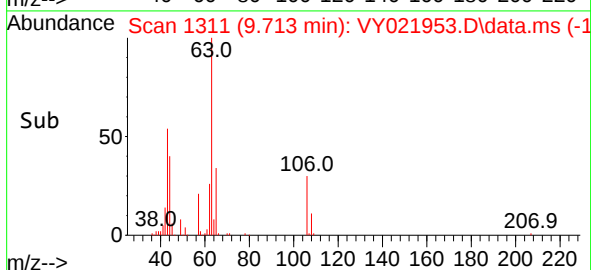
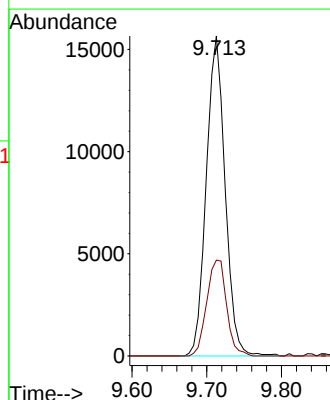
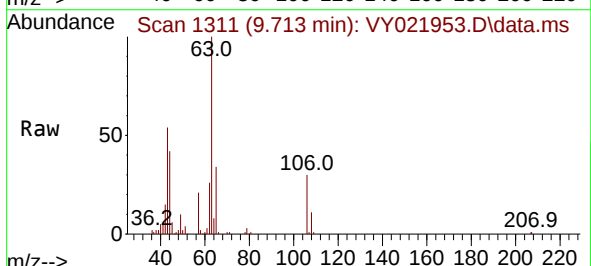
Acq: 22 Apr 2025 13:39

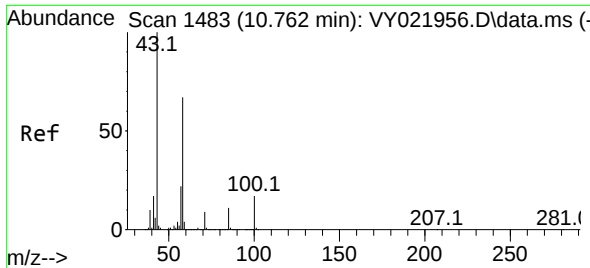
Tgt Ion: 63 Resp: 27363

Ion Ratio Lower Upper

63 100

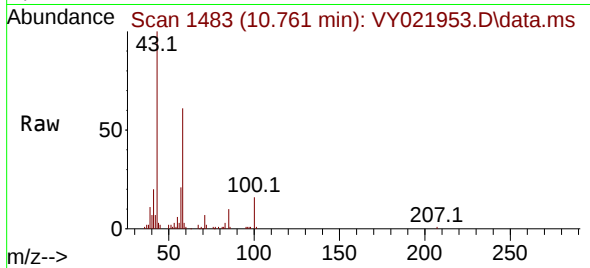
106 31.5 25.3 37.9





#59
2-Hexanone
Concen: 22.001 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

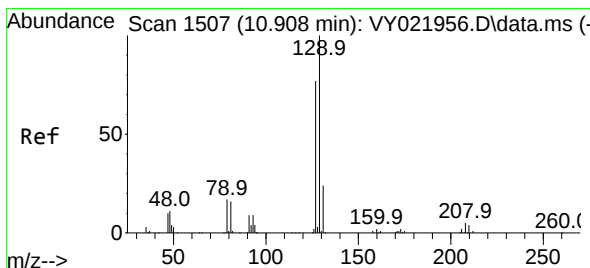
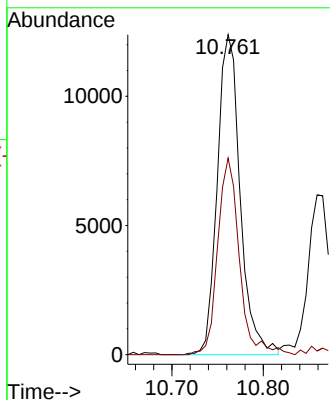
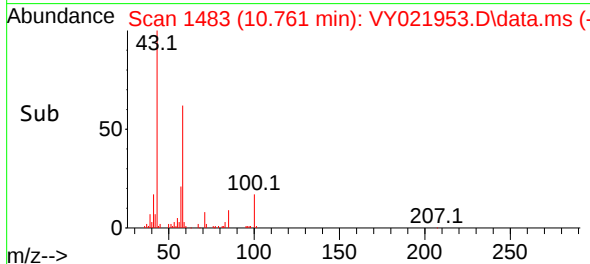
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



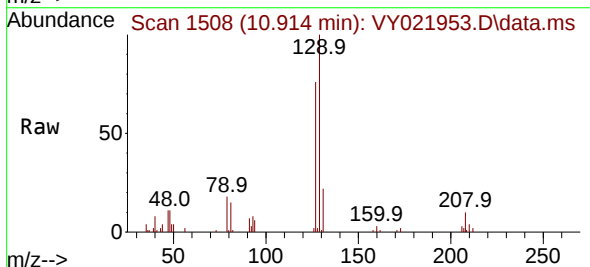
Tgt Ion: 43 Resp: 21558
Ion Ratio Lower Upper
43 100
58 58.1 32.0 96.0

Manual Integrations
APPROVED

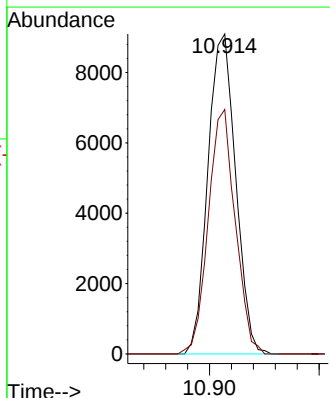
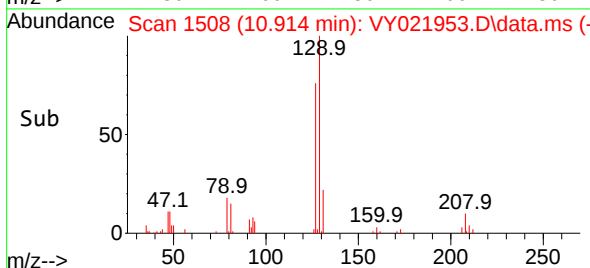
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

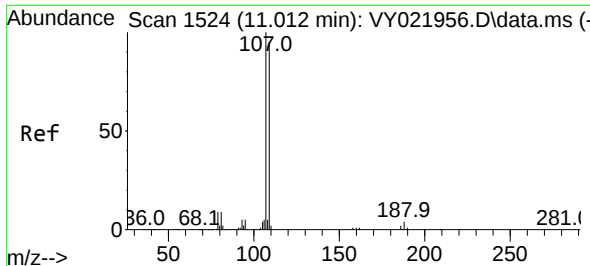


#60
Dibromochloromethane
Concen: 4.863 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39



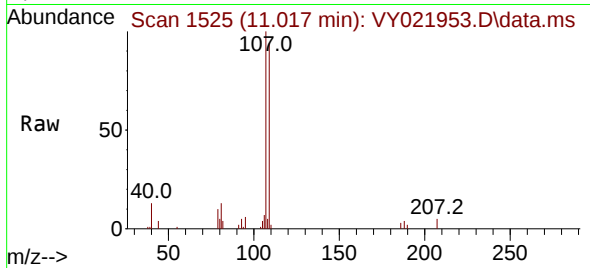
Tgt Ion:129 Resp: 15992
Ion Ratio Lower Upper
129 100
127 74.2 38.5 115.3





#61
1,2-Dibromoethane
Concen: 4.915 ug/l
RT: 11.017 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

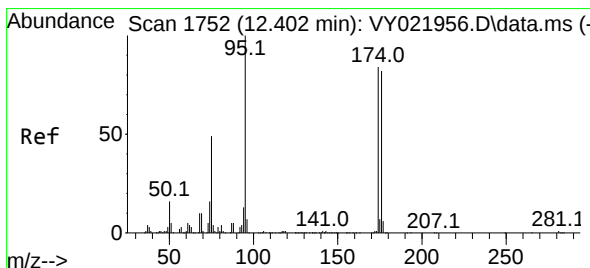
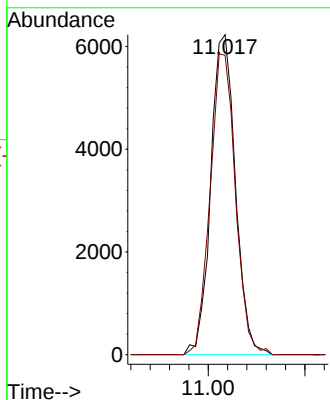
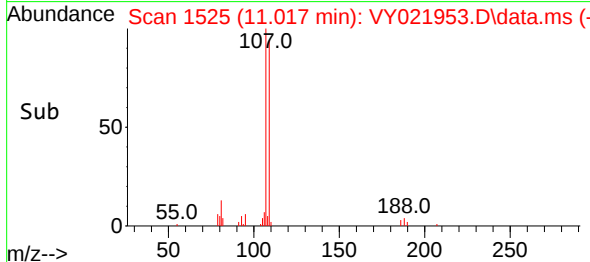
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



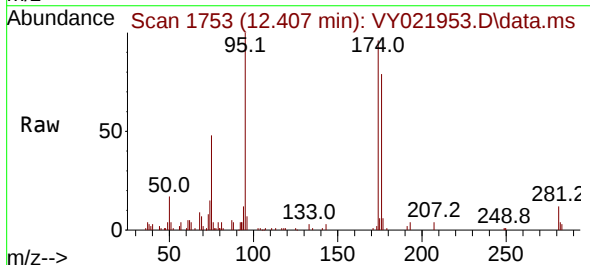
Tgt Ion:107 Resp: 11020
Ion Ratio Lower Upper
107 100
109 96.5 75.8 113.8

Manual Integrations
APPROVED

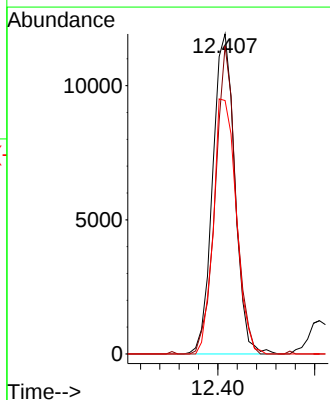
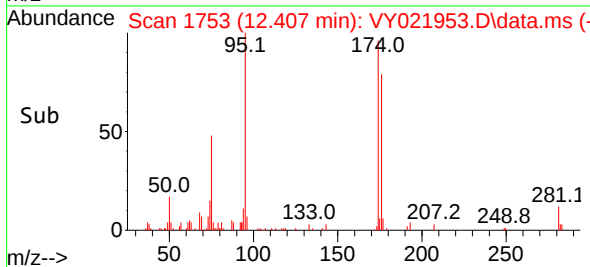
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

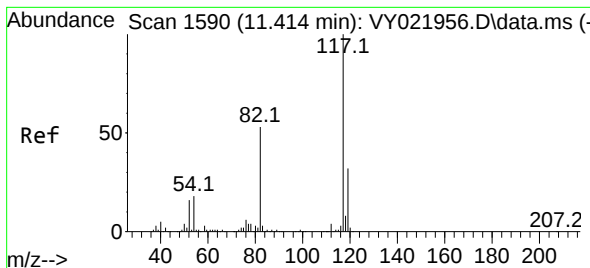


#62
4-Bromofluorobenzene
Concen: 4.869 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39



Tgt Ion: 95 Resp: 18902
Ion Ratio Lower Upper
95 100
174 88.7 0.0 179.0
176 82.4 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021953.D

Acq: 22 Apr 2025 13:39

Instrument :

MSVOA_Y

ClientSampleId :

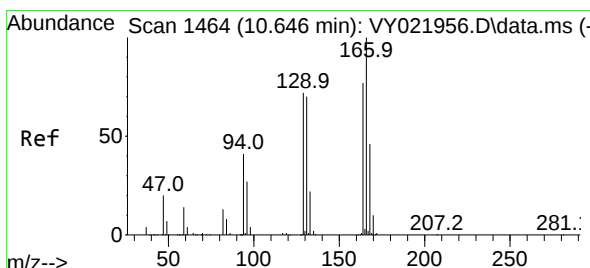
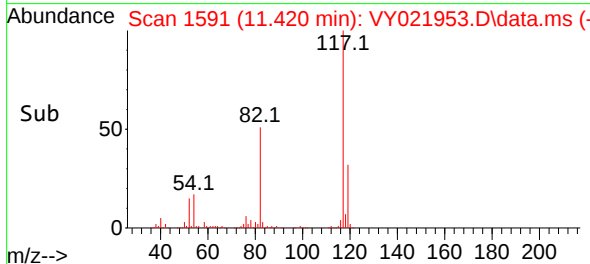
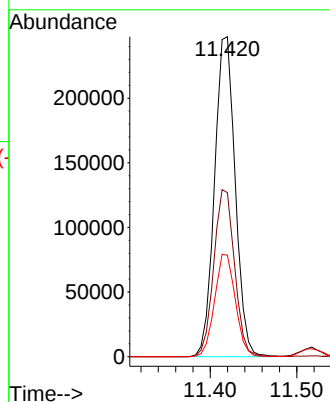
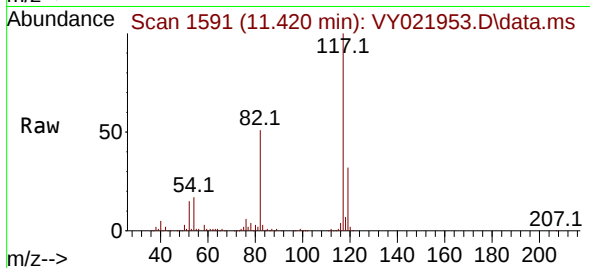
VSTDIC005

Tgt Ion:117	Resp: 41072
Ion Ratio	Lower Upper
117 100	
82 51.3	42.1 63.1
119 31.7	25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025



#64

Tetrachloroethene

Concen: 5.302 ug/l

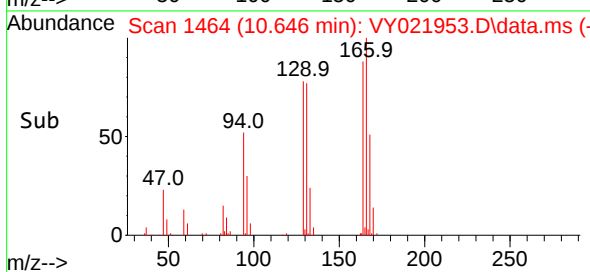
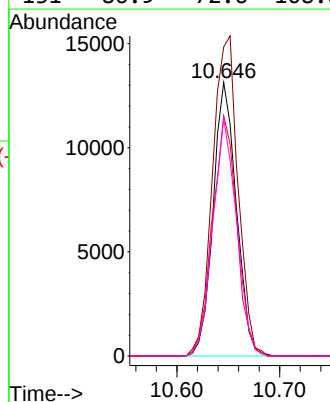
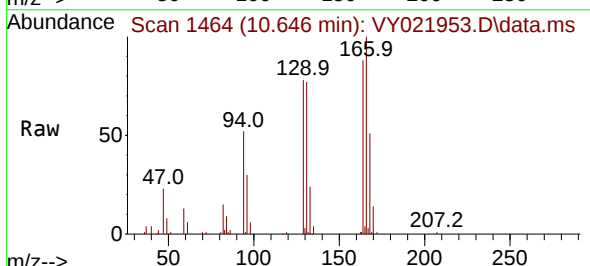
RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY021953.D

Acq: 22 Apr 2025 13:39

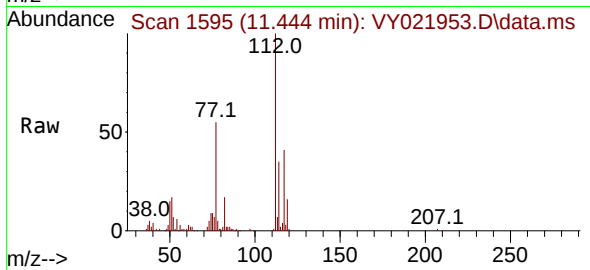
Tgt Ion:164	Resp: 20545
Ion Ratio	Lower Upper
164 100	
166 113.0	103.6 155.4
129 87.8	74.2 111.4
131 86.9	72.6 108.8





#65
Chlorobenzene
Concen: 5.314 ug/l
RT: 11.444 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

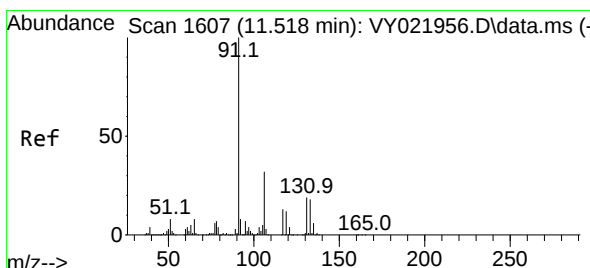
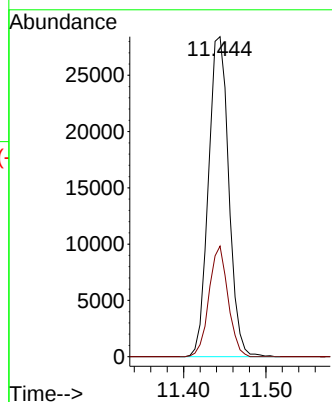
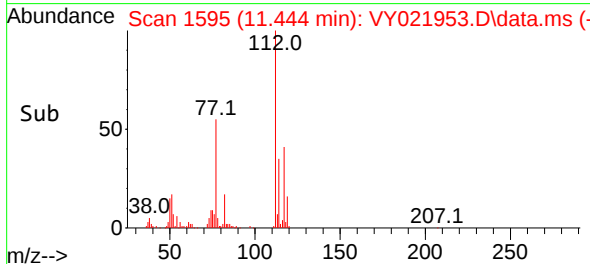
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



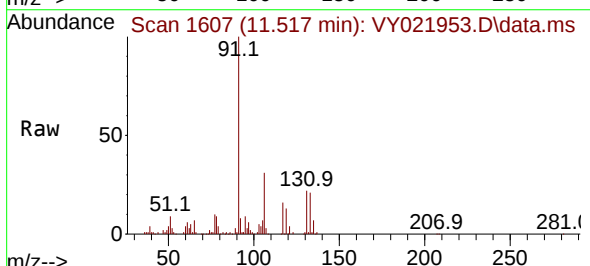
Tgt Ion:112 Resp: 4880
Ion Ratio Lower Upper
112 100
114 34.6 25.0 37.4

Manual Integrations
APPROVED

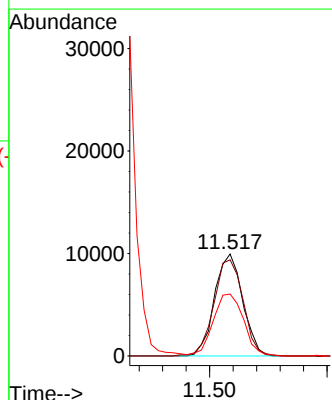
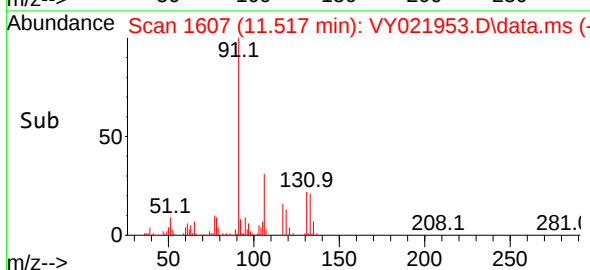
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

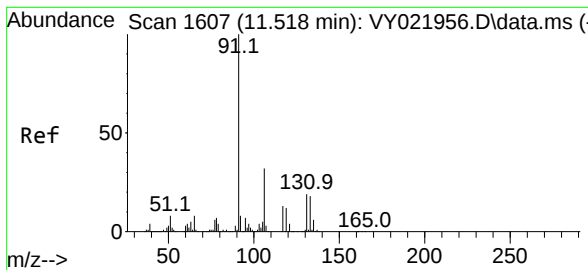


#66
1,1,1,2-Tetrachloroethane
Concen: 5.097 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39



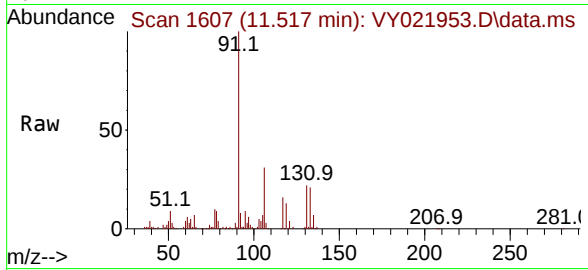
Tgt Ion:131 Resp: 16483
Ion Ratio Lower Upper
131 100
133 98.5 47.8 143.3
119 65.6 32.4 97.0





#67
Ethyl Benzene
Concen: 4.629 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

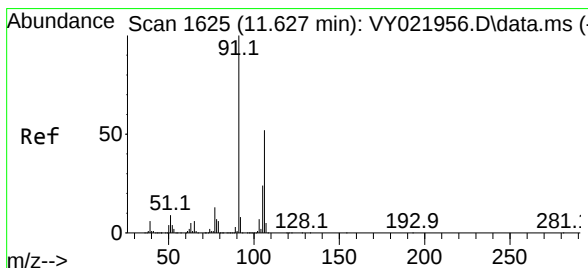
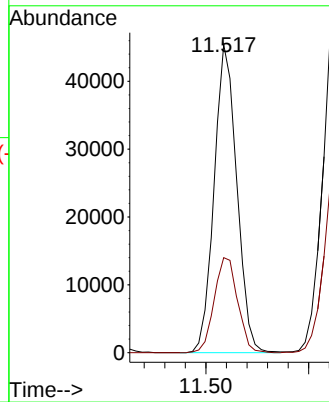
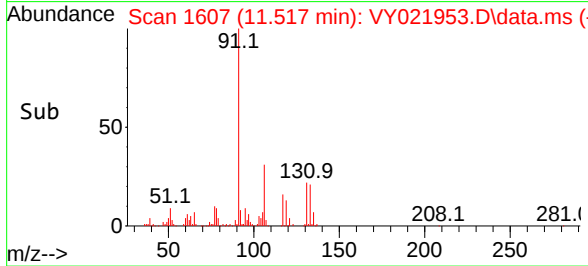
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



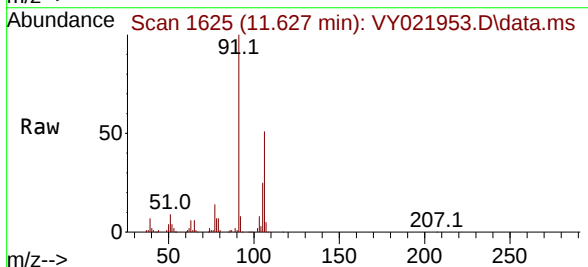
Tgt Ion: 91 Resp: 69548
Ion Ratio Lower Upper
91 100
106 30.8 25.9 38.9

Manual Integrations
APPROVED

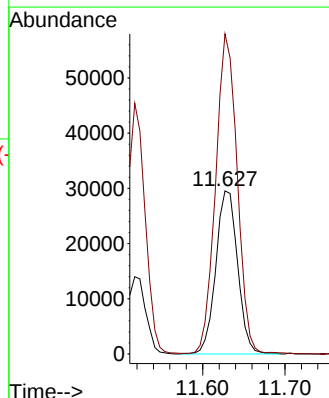
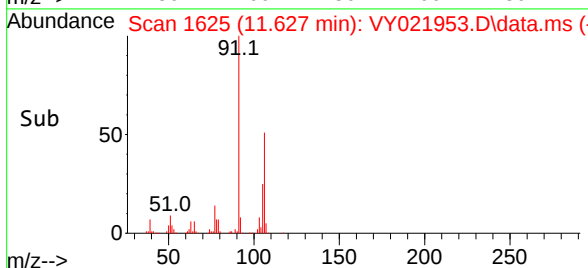
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

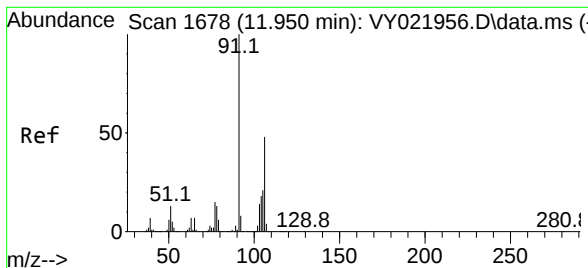


#68
m/p-Xylenes
Concen: 9.119 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39



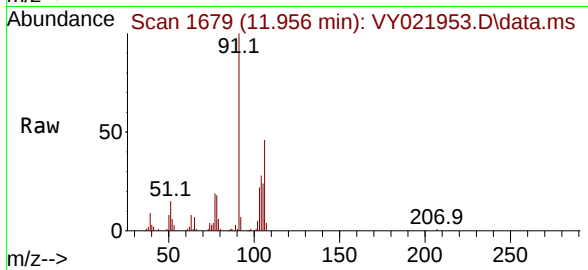
Tgt Ion:106 Resp: 54518
Ion Ratio Lower Upper
106 100
91 195.0 156.2 234.2





#69
o-Xylene
Concen: 4.466 ug/l
RT: 11.956 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

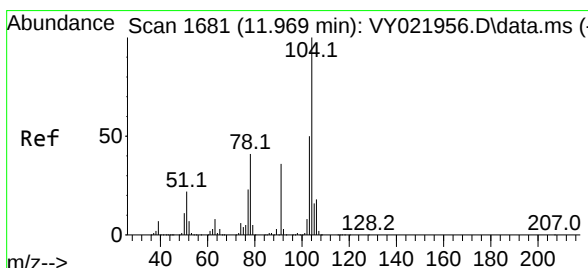
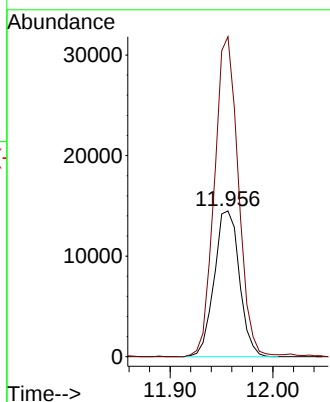
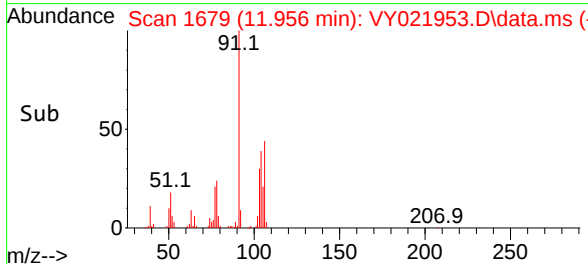
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion:106 Resp: 2461
Ion Ratio Lower Upper
106 100
91 208.8 103.0 308.9

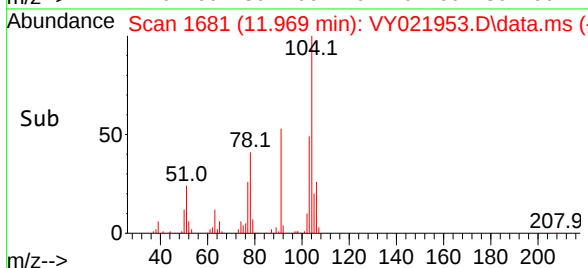
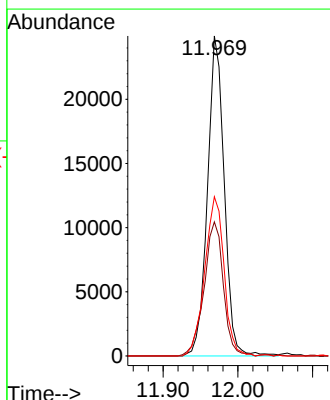
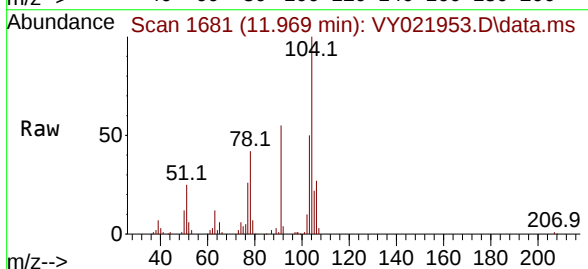
Manual Integrations
APPROVED

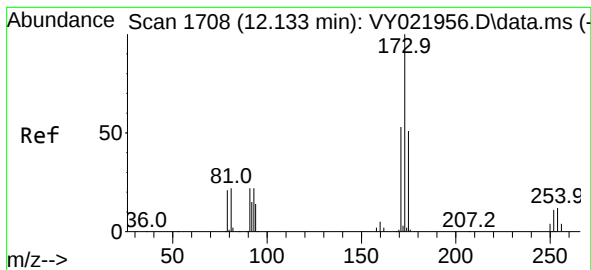
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025



#70
Styrene
Concen: 4.217 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion:104 Resp: 39016
Ion Ratio Lower Upper
104 100
78 48.0 36.6 54.8
103 57.1 43.8 65.8





#71

Bromoform

Concen: 5.111 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. -0.000 min

Lab File: VY021953.D

Acq: 22 Apr 2025 13:39

Instrument :

MSVOA_Y

ClientSampleId :

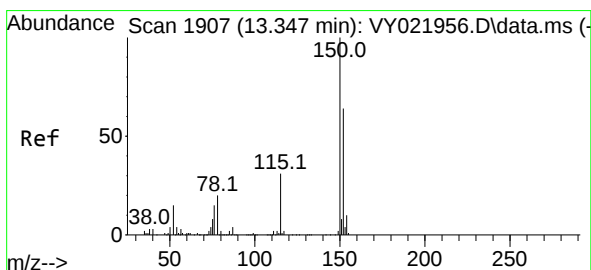
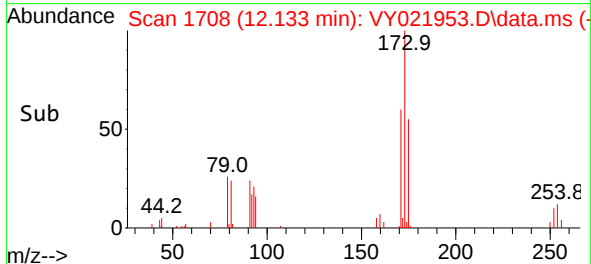
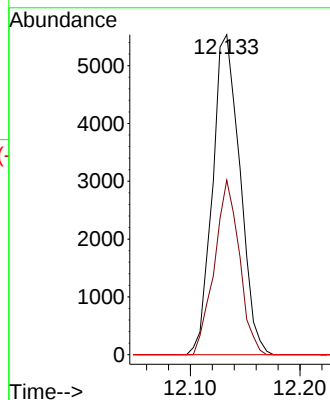
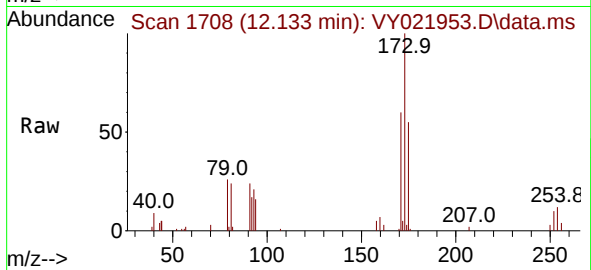
VSTDIC005

Tgt Ion:173	Resp:	9608
Ion Ratio	Lower	Upper
173	100	
175	49.9	24.3 72.8
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

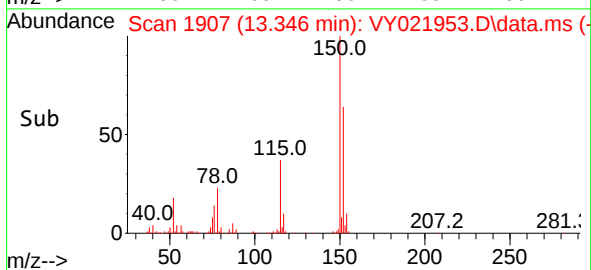
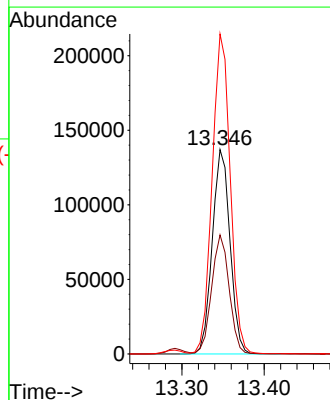
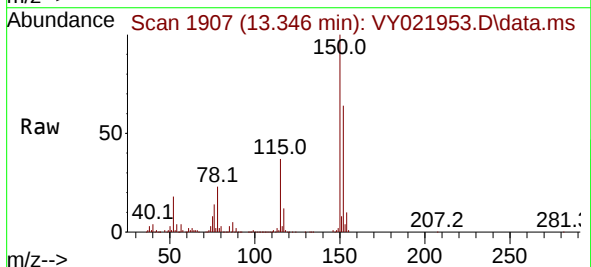
RT: 13.346 min Scan# 1907

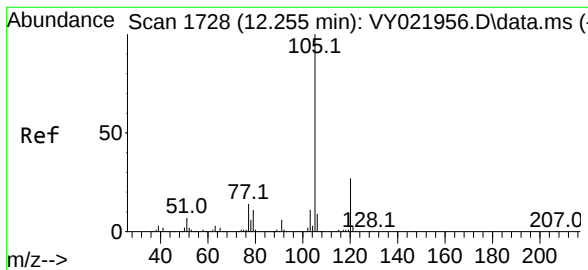
Delta R.T. -0.000 min

Lab File: VY021953.D

Acq: 22 Apr 2025 13:39

Tgt Ion:152	Resp:	205526
Ion Ratio	Lower	Upper
152	100	
115	57.3	28.0 84.0
150	159.3	0.0 345.6





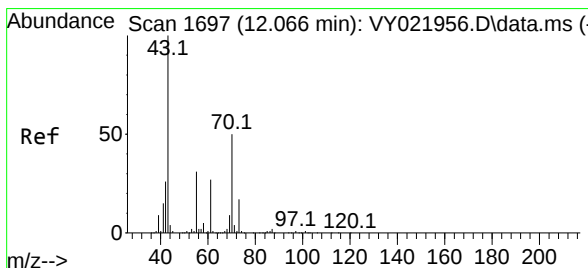
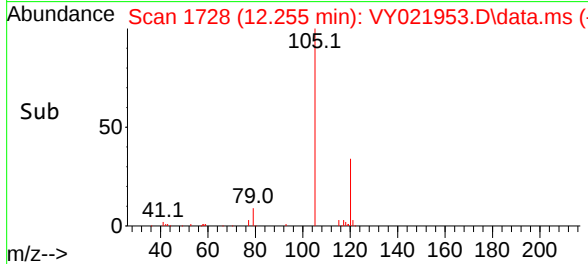
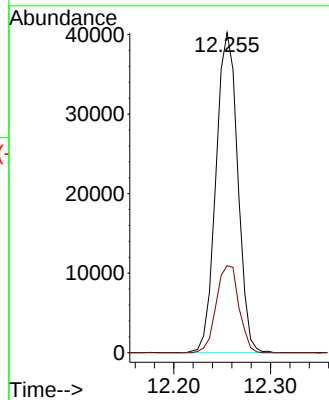
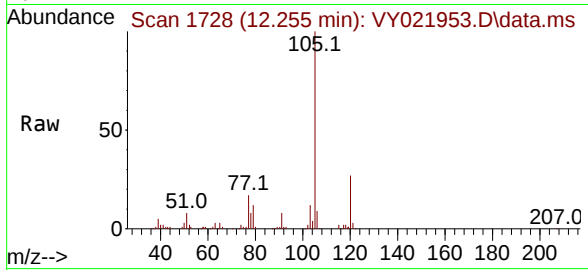
#73
Isopropylbenzene
Concen: 4.582 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 6291
Ion Ratio Lower Upper
105 100
120 28.3 13.5 40.5

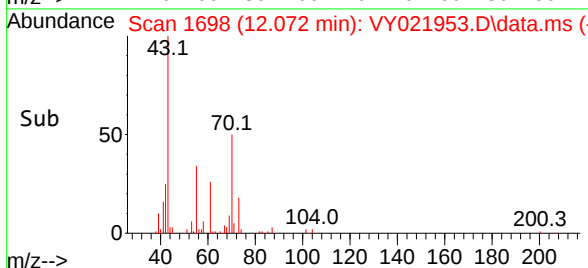
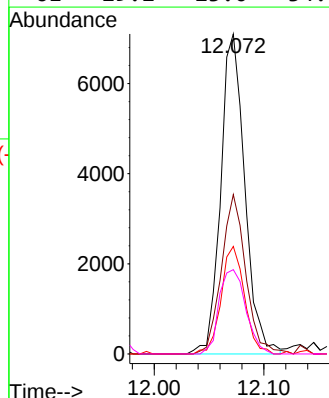
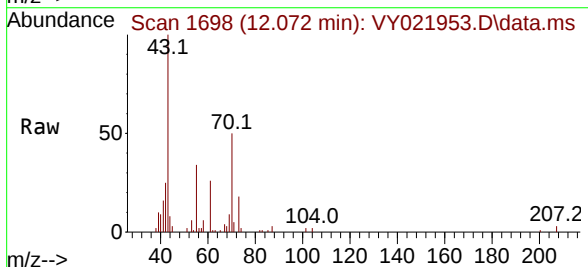
Manual Integrations
APPROVED

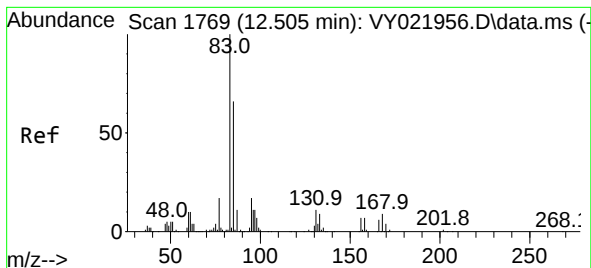
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025



#74
N-ethyl acetate
Concen: 4.596 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 43 Resp: 10843
Ion Ratio Lower Upper
43 100
70 50.3 43.2 64.8
55 32.5 25.7 38.5
61 29.2 23.0 34.6





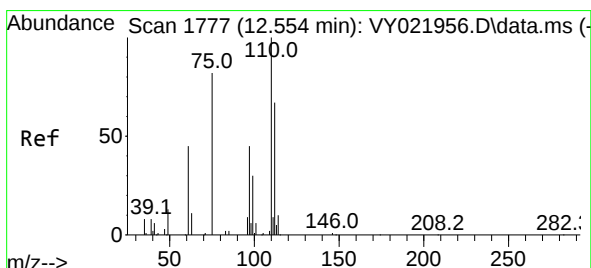
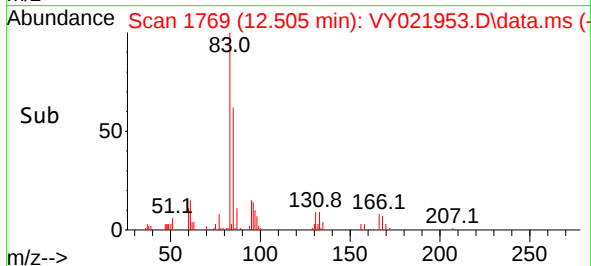
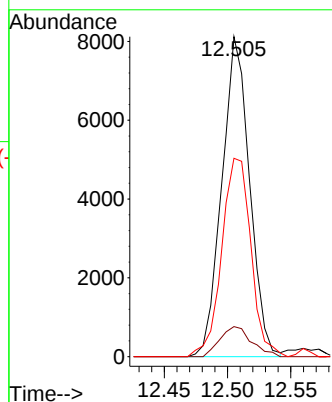
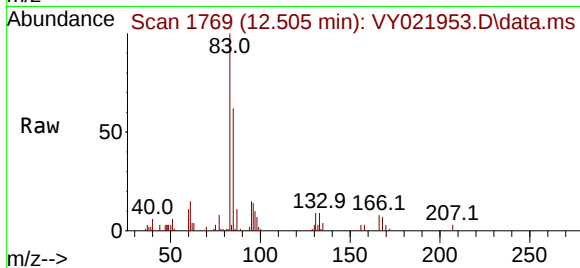
#75
1,1,2,2-Tetrachloroethane
Concen: 5.340 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 1236
Ion Ratio Lower Upper
83 100
131 10.7 5.5 16.4
85 65.3 32.3 96.8

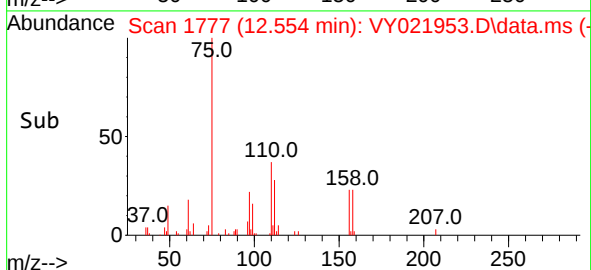
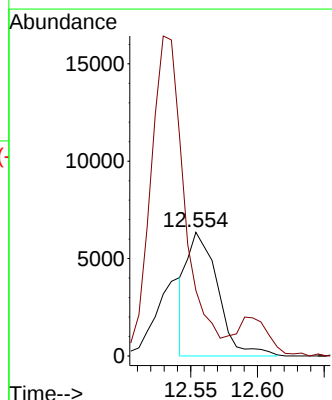
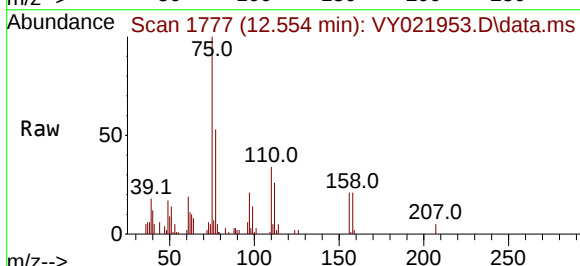
Manual Integrations
APPROVED

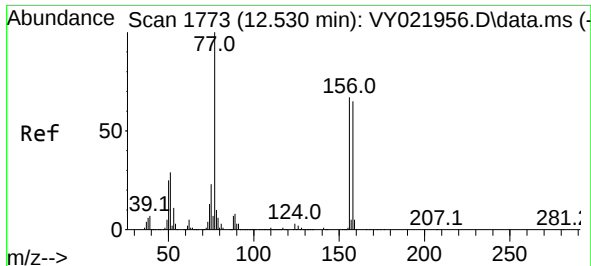
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025



#76
1,2,3-Trichloropropane
Concen: 5.648 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 75 Resp: 10228
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





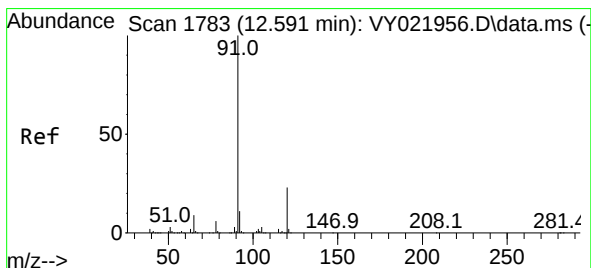
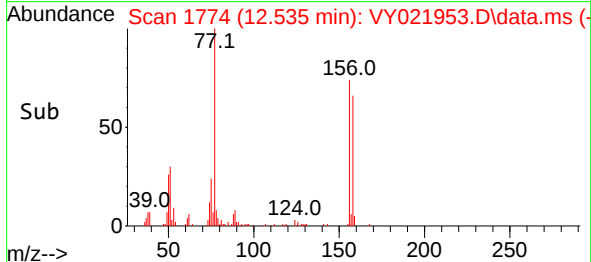
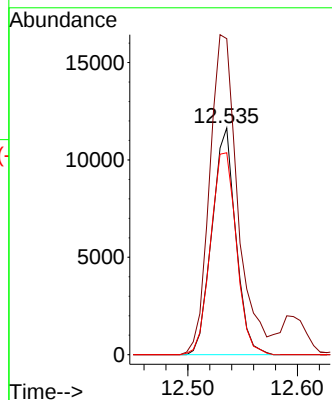
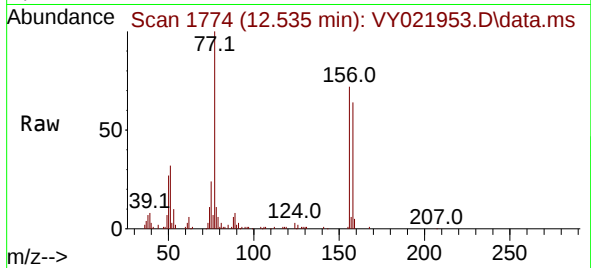
#77
Bromobenzene
Concen: 5.064 ug/l
RT: 12.535 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:156 Resp: 17570
Ion Ratio Lower Upper
156 100
77 165.8 82.7 248.1
158 96.6 48.1 144.4

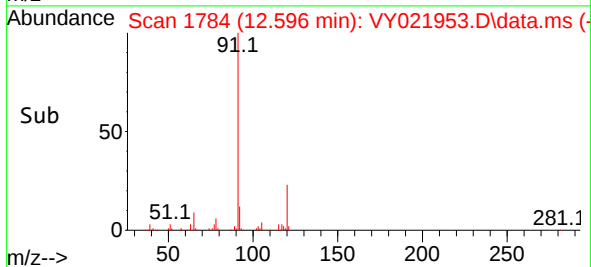
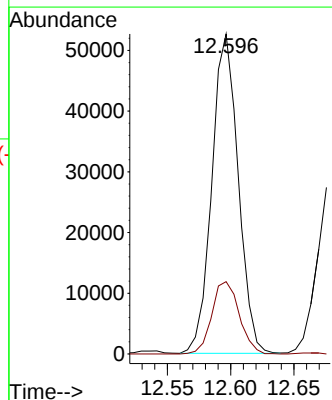
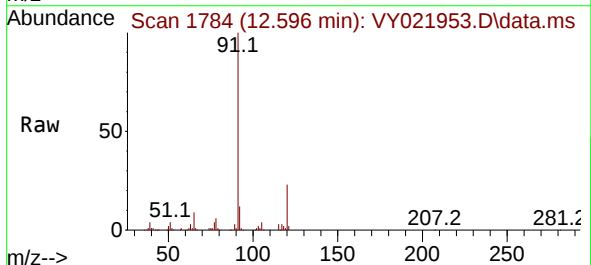
Manual Integrations
APPROVED

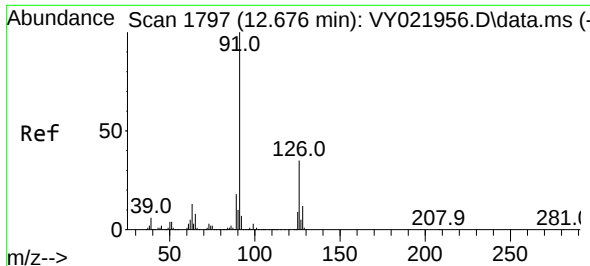
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025



#78
n-propylbenzene
Concen: 4.660 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 91 Resp: 76210
Ion Ratio Lower Upper
91 100
120 23.5 11.9 35.5





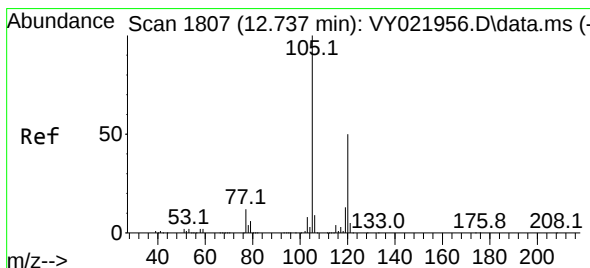
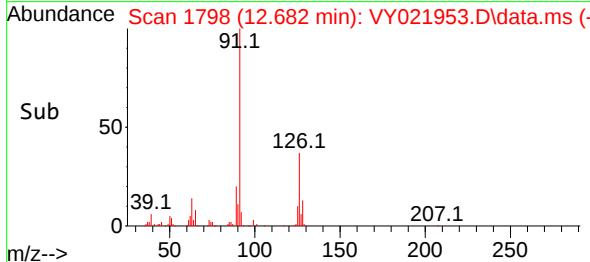
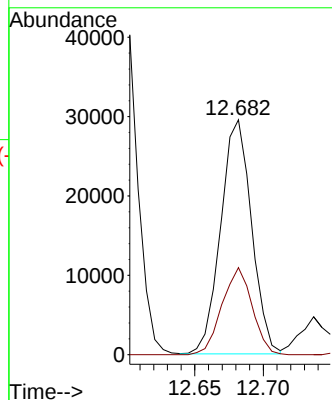
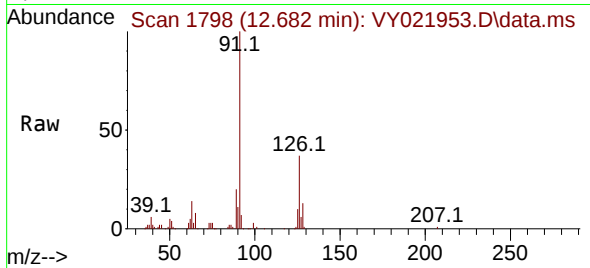
#79
2-Chlorotoluene
Concen: 4.868 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 46298
Ion Ratio Lower Upper
91 100
126 36.2 17.9 53.8

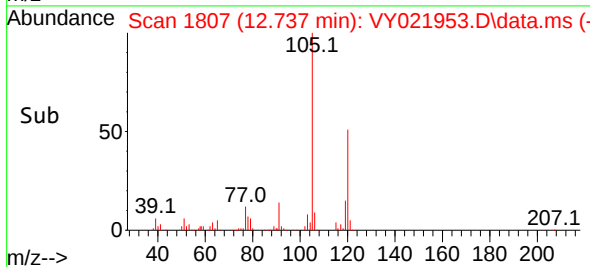
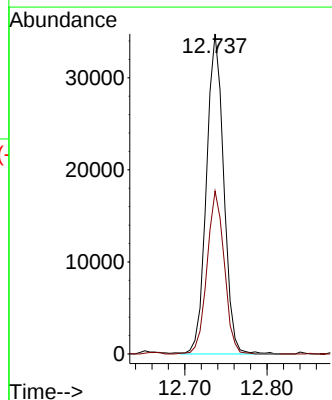
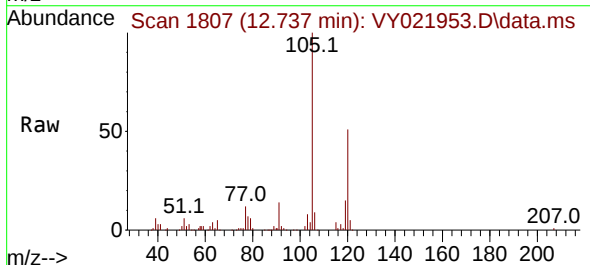
Manual Integrations
APPROVED

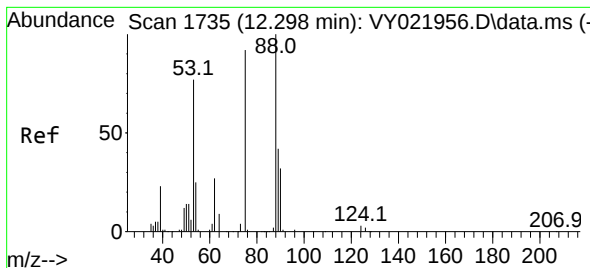
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025



#80
1,3,5-Trimethylbenzene
Concen: 4.481 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

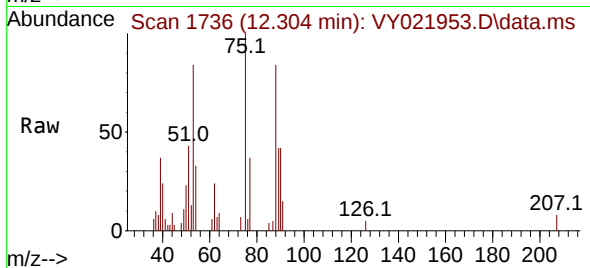
Tgt Ion:105 Resp: 50699
Ion Ratio Lower Upper
105 100
120 50.7 25.0 75.0





#81
trans-1,4-Dichloro-2-butene
Concen: 5.191 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

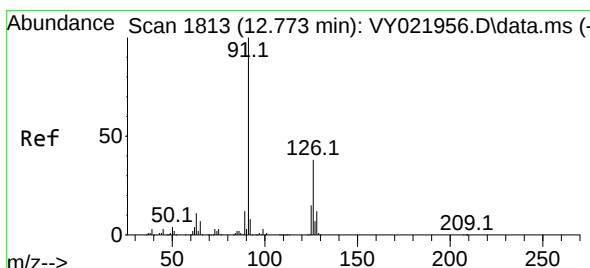
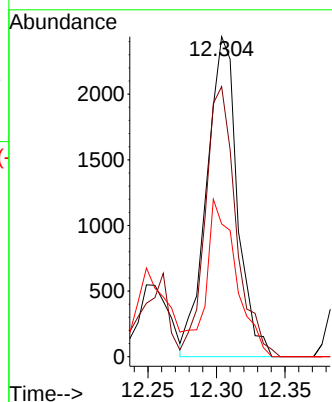
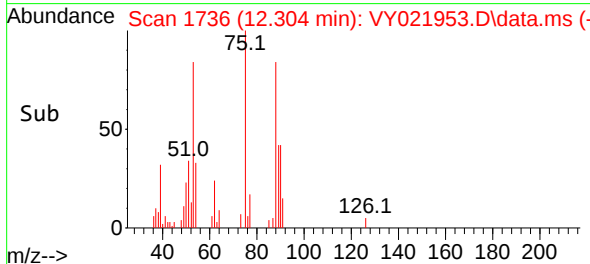
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 379
Ion Ratio Lower Upper
75 100
53 84.6 66.0 99.0
89 46.9 37.2 55.8

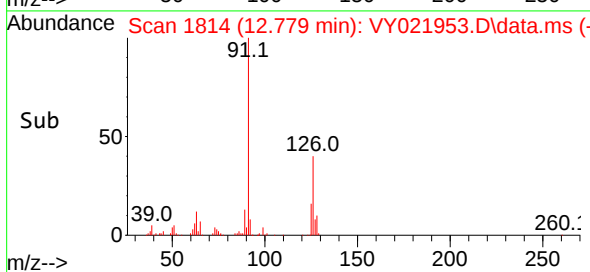
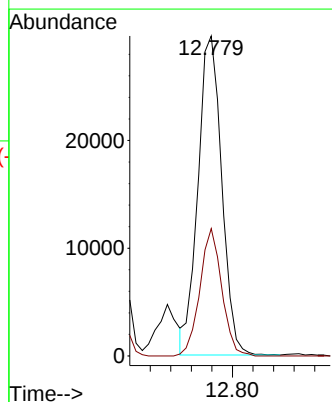
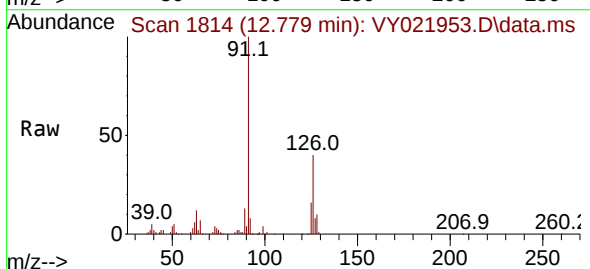
Manual Integrations
APPROVED

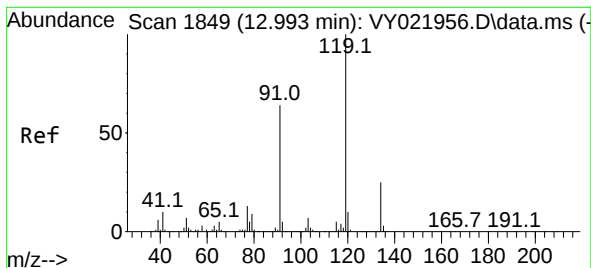
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025



#82
4-Chlorotoluene
Concen: 4.809 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 91 Resp: 47541
Ion Ratio Lower Upper
91 100
126 36.9 17.9 53.8





#83

tert-Butylbenzene

Concen: 4.550 ug/l

RT: 12.999 min Scan# 1849

Delta R.T. 0.006 min

Lab File: VY021953.D

Acq: 22 Apr 2025 13:39

Instrument :

MSVOA_Y

ClientSampleId :

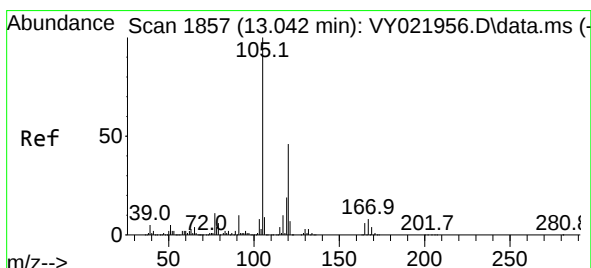
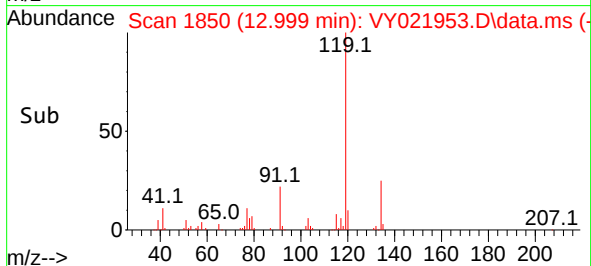
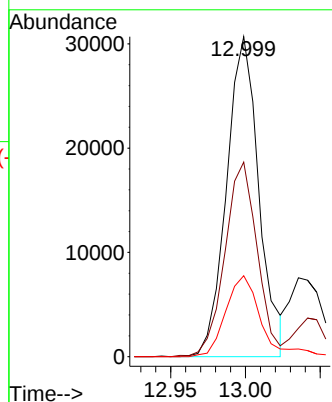
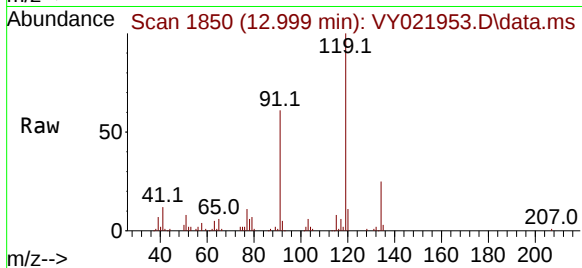
VSTDIC005

Tgt Ion:	119	Resp:	4617
Ion Ratio	Lower	Upper	
119	100		
91	60.7	30.3	90.9
134	27.5	12.9	38.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025



#84

1,2,4-Trimethylbenzene

Concen: 4.387 ug/l

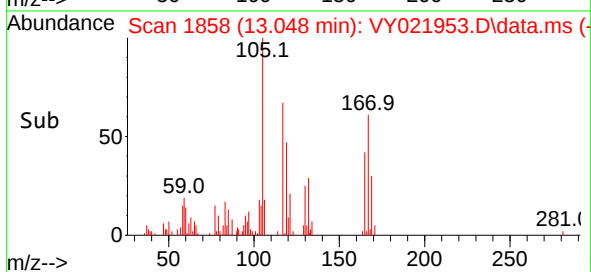
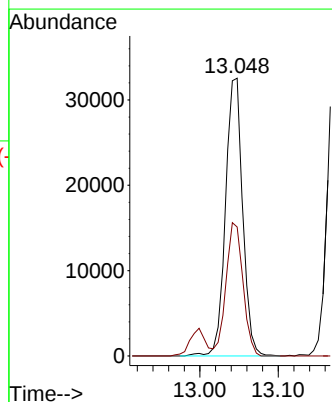
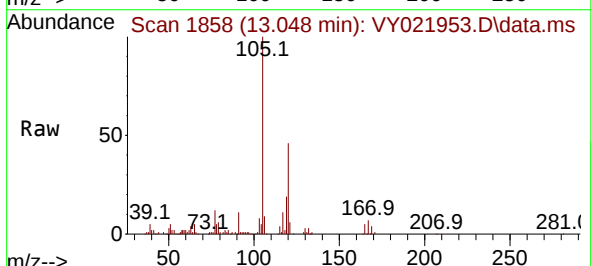
RT: 13.048 min Scan# 1858

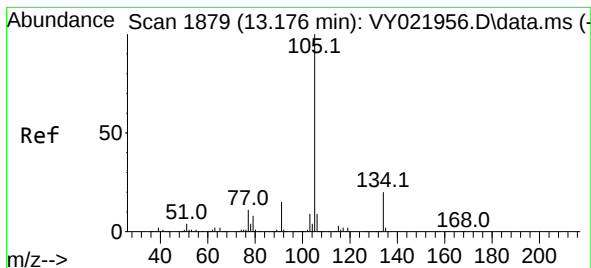
Delta R.T. 0.006 min

Lab File: VY021953.D

Acq: 22 Apr 2025 13:39

Tgt Ion:	105	Resp:	49642
Ion Ratio	Lower	Upper	
105	100		
120	47.3	23.4	70.0





#85

sec-Butylbenzene

Concen: 4.504 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY021953.D

Acq: 22 Apr 2025 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 66872

Ion Ratio Lower Upper

105 100

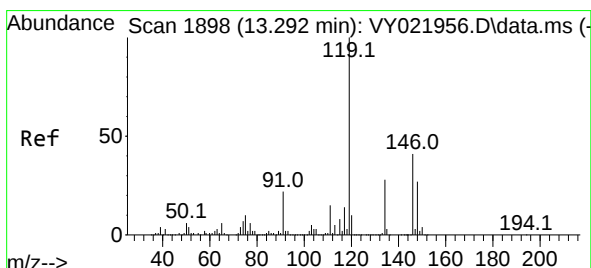
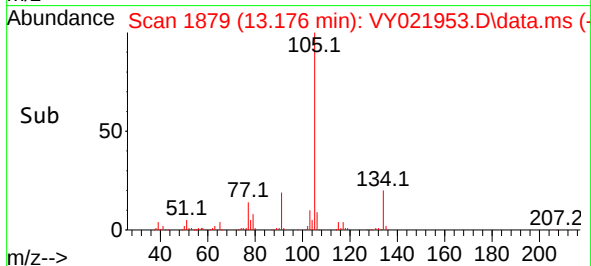
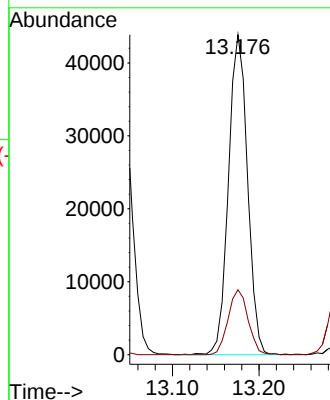
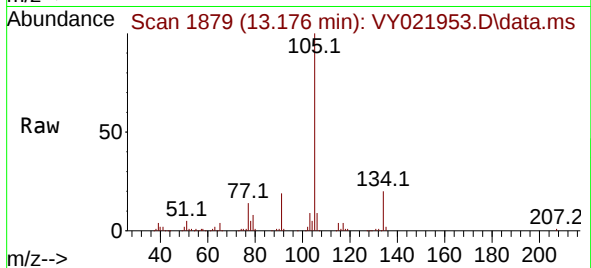
134 21.3 10.3 30.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025

Supervised By :Mahesh Dadoda 04/23/2025



#86

p-Isopropyltoluene

Concen: 4.430 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY021953.D

Acq: 22 Apr 2025 13:39

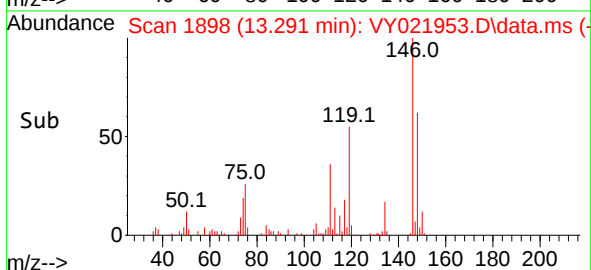
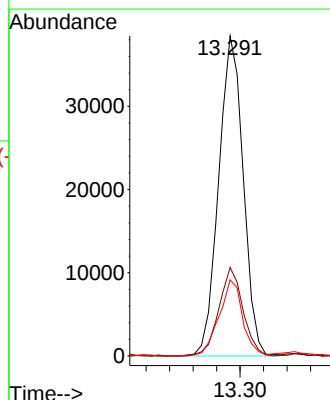
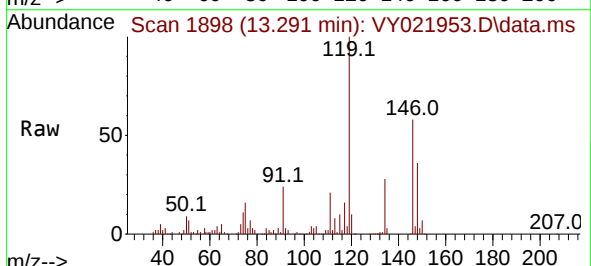
Tgt Ion:119 Resp: 55850

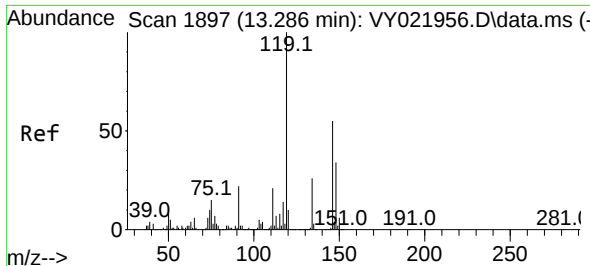
Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.7

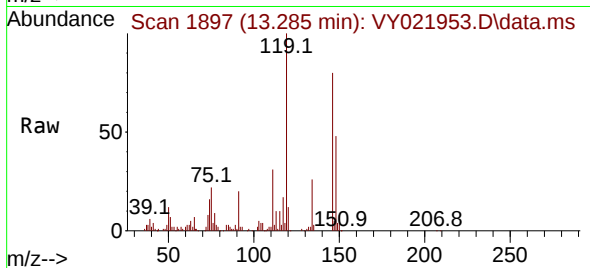
91 22.8 11.0 33.0





#87
1,3-Dichlorobenzene
Concen: 5.045 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

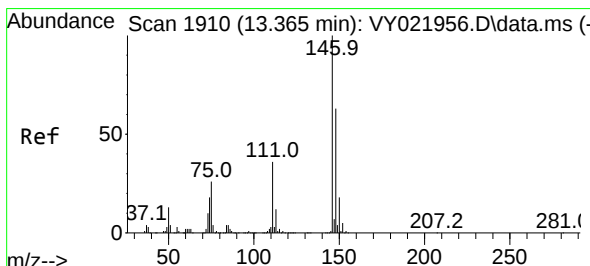
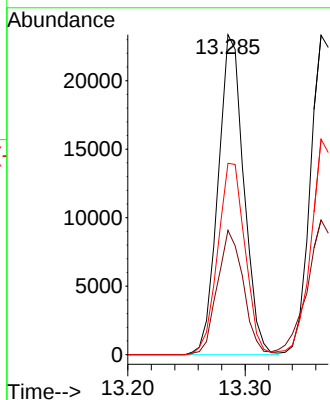
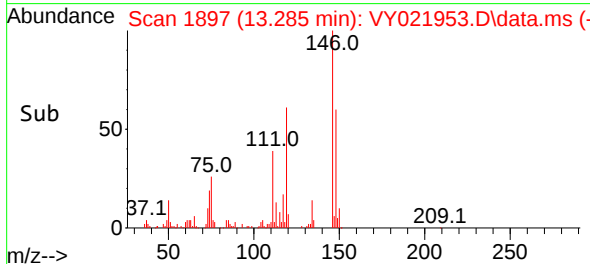
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



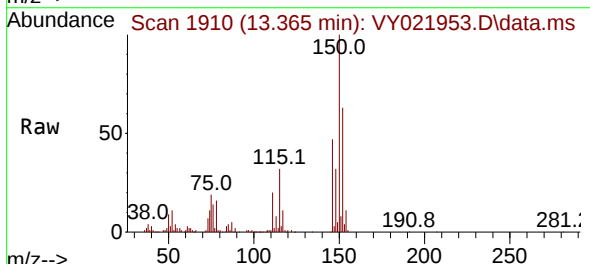
Tgt Ion:146 Resp: 3555
Ion Ratio Lower Upper
146 100
111 39.3 19.1 57.5
148 63.4 32.0 96.2

Manual Integrations
APPROVED

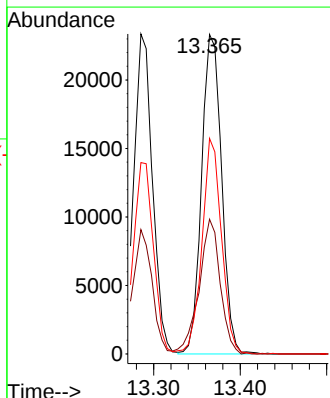
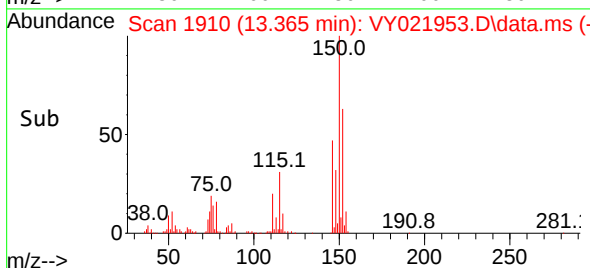
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

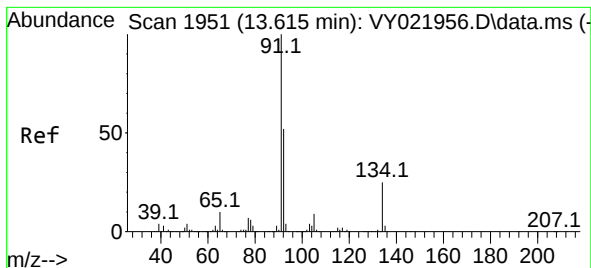


#88
1,4-Dichlorobenzene
Concen: 5.362 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39



Tgt Ion:146 Resp: 37426
Ion Ratio Lower Upper
146 100
111 44.7 19.2 57.6
148 66.0 32.0 96.0





#89

n-Butylbenzene

Concen: 4.518 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY021953.D

Acq: 22 Apr 2025 13:39

Instrument :

MSVOA_Y

ClientSampleId :

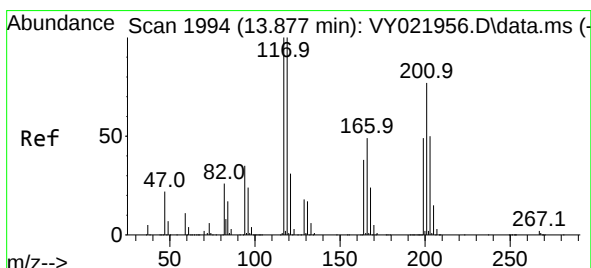
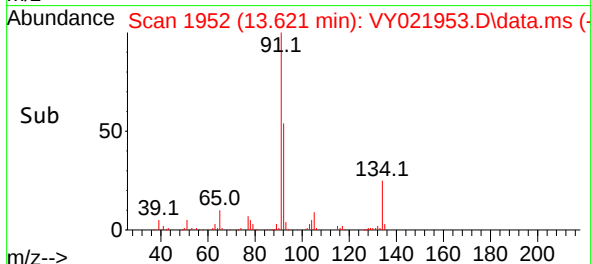
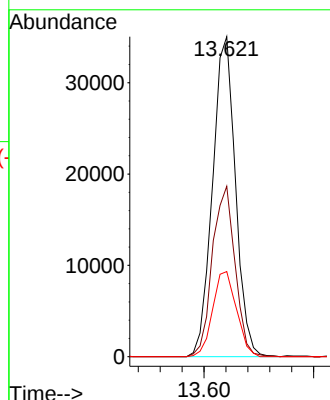
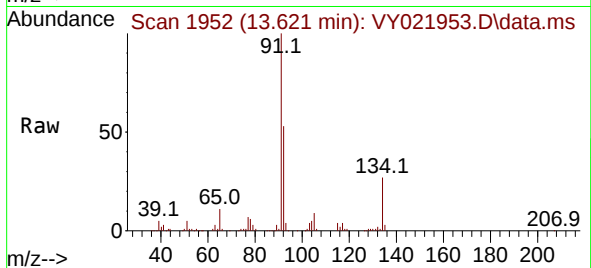
VSTDIC005

Tgt Ion:	91	Resp:	50918
Ion Ratio	Lower	Upper	
91	100		
92	52.7	26.5	79.5
134	27.7	13.4	40.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025



#90

Hexachloroethane

Concen: 5.308 ug/l

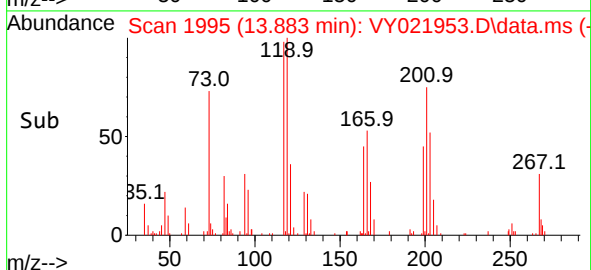
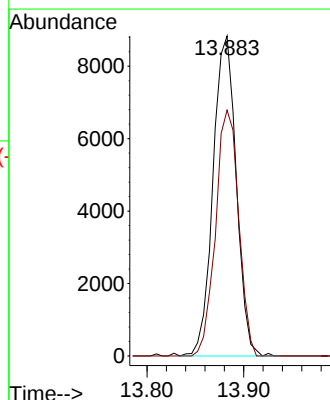
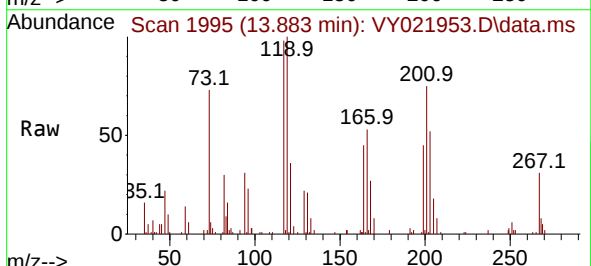
RT: 13.883 min Scan# 1995

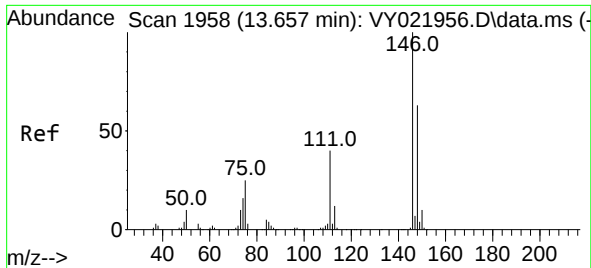
Delta R.T. 0.006 min

Lab File: VY021953.D

Acq: 22 Apr 2025 13:39

Tgt Ion:	117	Resp:	14703
Ion Ratio	Lower	Upper	
117	100		
201	76.1	38.7	116.1





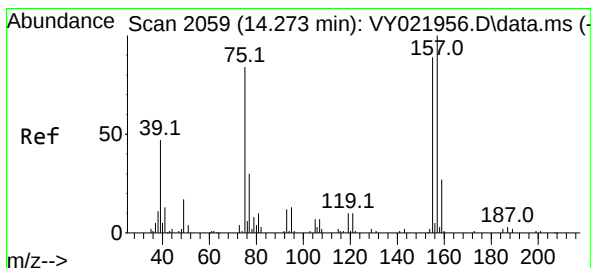
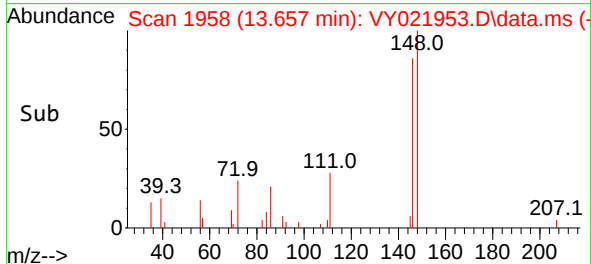
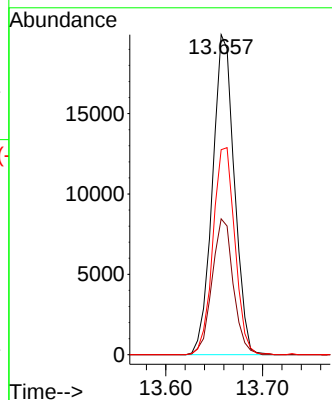
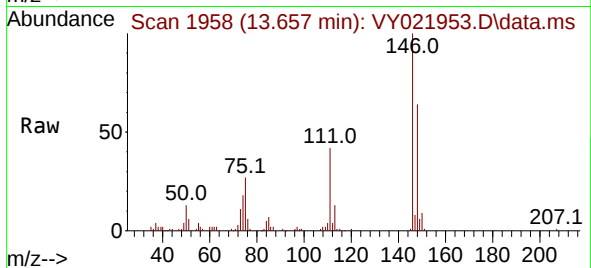
#91
1,2-Dichlorobenzene
Concen: 5.092 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 31298
Ion Ratio Lower Upper
146 100
111 41.1 19.7 59.1
148 64.9 32.1 96.3

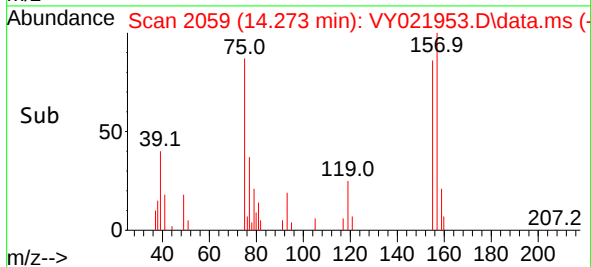
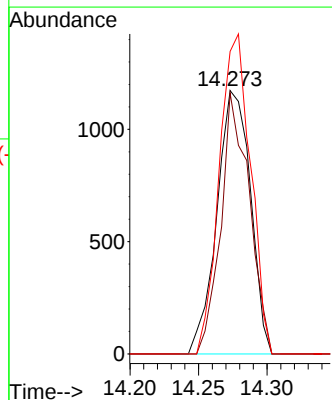
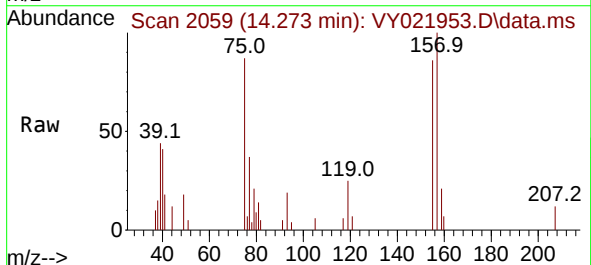
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.430 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 75 Resp: 2000
Ion Ratio Lower Upper
75 100
155 83.8 50.7 152.3
157 113.1 62.6 187.8





#93

1,2,4-Trichlorobenzene

Concen: 4.406 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY021953.D

Acq: 22 Apr 2025 13:39

Instrument :

MSVOA_Y

ClientSampleId :

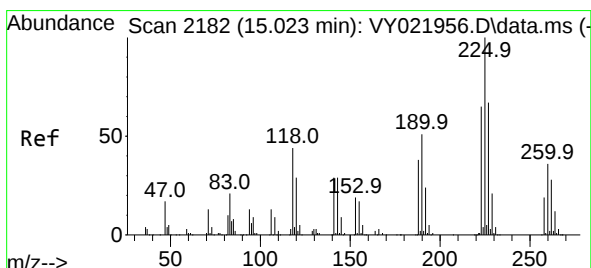
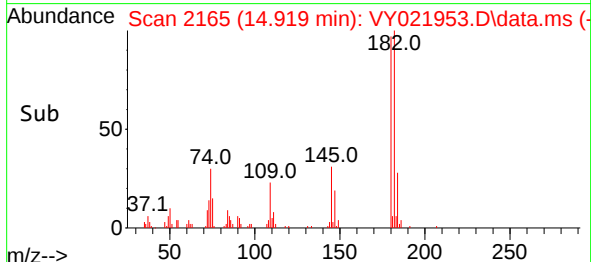
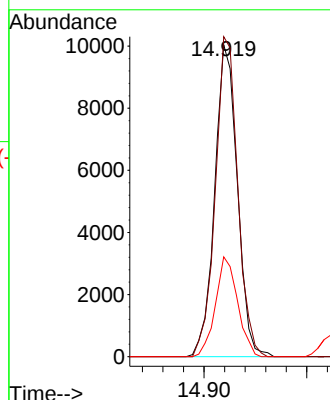
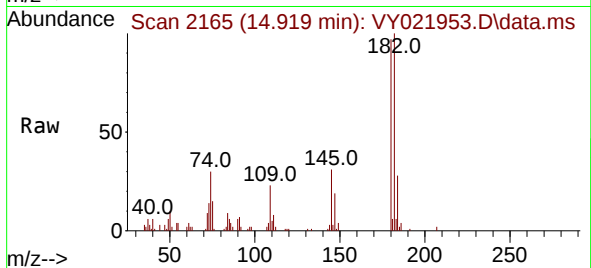
VSTDIC005

Tgt Ion:180	Resp:	15340
Ion Ratio	Lower	Upper
180	100	
182	101.1	47.1 141.4
145	31.3	15.0 45.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025



#94

Hexachlorobutadiene

Concen: 5.004 ug/l

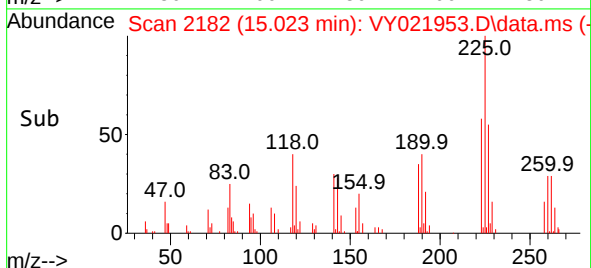
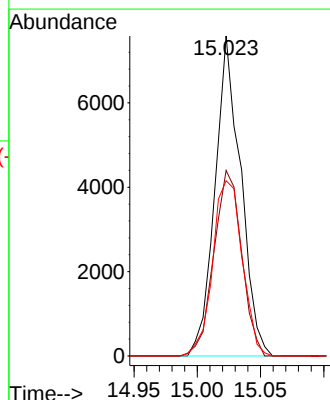
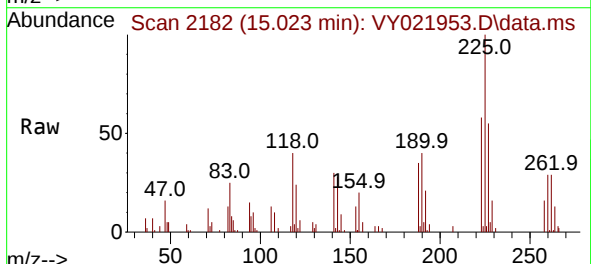
RT: 15.023 min Scan# 2182

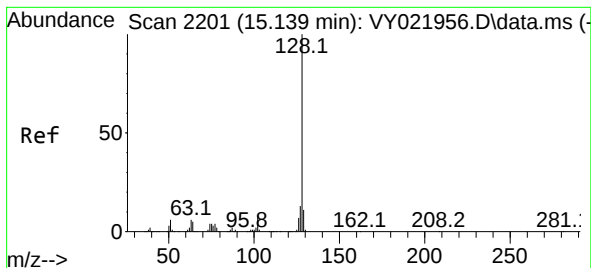
Delta R.T. -0.000 min

Lab File: VY021953.D

Acq: 22 Apr 2025 13:39

Tgt Ion:225	Resp:	10723
Ion Ratio	Lower	Upper
225	100	
223	62.4	31.9 95.5
227	62.9	32.3 96.9





#95

Naphthalene

Concen: 4.212 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY021953.D

Acq: 22 Apr 2025 13:39

Instrument :

MSVOA_Y

ClientSampleId :

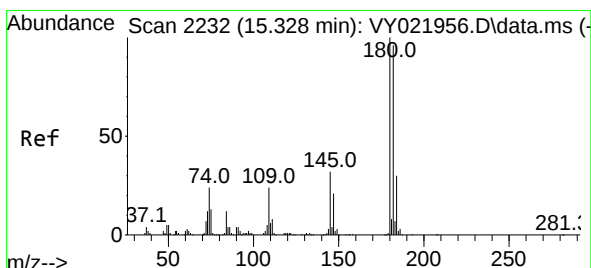
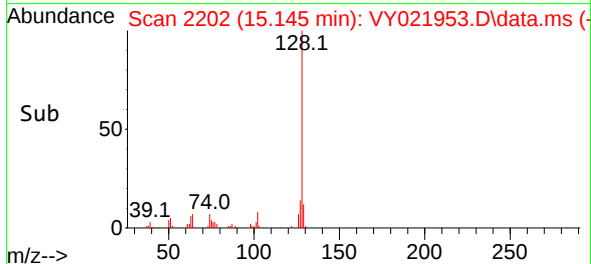
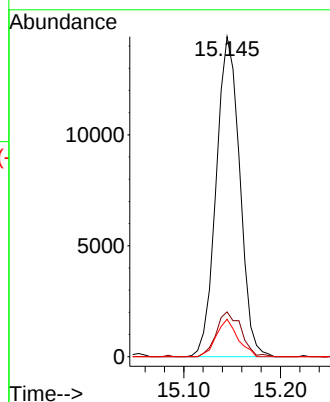
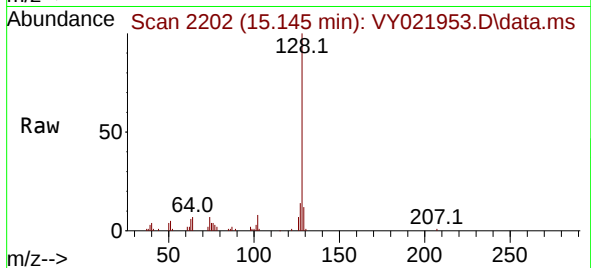
VSTDIC005

Tgt Ion:128	Resp:	2436
Ion Ratio	Lower	Upper
128	100	
127	14.8	10.6 16.0
129	10.6	8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025



#96

1,2,3-Trichlorobenzene

Concen: 4.585 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY021953.D

Acq: 22 Apr 2025 13:39

Tgt Ion:180	Resp:	13785
Ion Ratio	Lower	Upper
180	100	
182	94.6	48.1 144.4
145	32.3	16.0 48.0

