

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042825\
 Data File : VY022044.D
 Acq On : 28 Apr 2025 20:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/29/2025
 Supervised By : Mahesh Dadoda 04/29/2025

Quant Time: Apr 29 03:56:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	289101	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	445494	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	415349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	224902	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	127282	47.665	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.320%		
35) Dibromofluoromethane	7.634	113	146442	49.757	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.520%		
50) Toluene-d8	10.109	98	567537	51.149	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	102.300%		
62) 4-Bromofluorobenzene	12.408	95	192923	51.649	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	103.300%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	110521	44.865	ug/l	98
3) Chloromethane	2.062	50	165151	47.083	ug/l	98
4) Vinyl Chloride	2.202	62	205542	47.685	ug/l	99
5) Bromomethane	2.592	94	163104	43.921	ug/l	98
6) Chloroethane	2.733	64	142722	48.618	ug/l	99
7) Trichlorofluoromethane	3.056	101	270367	47.567	ug/l	97
8) Diethyl Ether	3.458	74	67390	45.552	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	145377	47.149	ug/l	100
10) Methyl Iodide	4.001	142	181967	50.973	ug/l	98
11) Tert butyl alcohol	4.879	59	30279	206.540	ug/l #	70
12) 1,1-Dichloroethene	3.787	96	138511	48.195	ug/l	99
13) Acrolein	3.653	56	32956	125.250	ug/l	97
14) Allyl chloride	4.385	41	158300	47.304	ug/l	100
15) Acrylonitrile	5.061	53	122557	226.290	ug/l	98
16) Acetone	3.879	43	79616	225.704	ug/l	95
17) Carbon Disulfide	4.104	76	430194	46.946	ug/l	99
18) Methyl Acetate	4.385	43	75676	60.667	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	303301	47.151	ug/l	98
20) Methylene Chloride	4.616	84	157224	46.562	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	157871	49.049	ug/l	98
22) Diisopropyl ether	6.019	45	368624	49.499	ug/l	98
23) Vinyl Acetate	5.958	43	886585	220.901	ug/l	98
24) 1,1-Dichloroethane	5.915	63	249603	48.354	ug/l	99
25) 2-Butanone	6.896	43	130775	214.843	ug/l	96
26) 2,2-Dichloropropane	6.884	77	209014	46.198	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	178688	49.650	ug/l	99
28) Bromochloromethane	7.244	49	96297	48.028	ug/l	96
29) Tetrahydrofuran	7.262	42	89736	226.985	ug/l	98
30) Chloroform	7.421	83	285174	49.805	ug/l	98
31) Cyclohexane	7.701	56	206826	46.854	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	253605	48.956	ug/l	99
36) 1,1-Dichloropropene	7.835	75	196618	49.733	ug/l	100
37) Ethyl Acetate	6.982	43	60344	42.499	ug/l	98
38) Carbon Tetrachloride	7.817	117	235777	49.909	ug/l	99
39) Methylcyclohexane	9.110	83	248179	49.883	ug/l	100
40) Benzene	8.079	78	621146	50.261	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	37403	48.188	ug/l #	94
42) 1,2-Dichloroethane	8.158	62	145912	47.687	ug/l	100
43) Isopropyl Acetate	8.201	43	121597	44.593	ug/l	98
44) Trichloroethene	8.866	130	168787	49.308	ug/l	98
45) 1,2-Dichloropropane	9.140	63	133437	48.825	ug/l	99
46) Dibromomethane	9.231	93	82575	48.266	ug/l	99
47) Bromodichloromethane	9.420	83	214069	50.087	ug/l	99
48) Methyl methacrylate	9.219	41	58715	46.579	ug/l	95
49) 1,4-Dioxane	9.231	88	17325	950.114	ug/l	98
51) 4-Methyl-2-Pentanone	10.000	43	337829	236.341	ug/l	100
52) Toluene	10.170	92	409873	51.236	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	177042	48.294	ug/l	95
54) cis-1,3-Dichloropropene	9.853	75	214843	49.301	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	111933	48.980	ug/l	98
56) Ethyl methacrylate	10.439	69	128496	49.169	ug/l	99
57) 1,3-Dichloropropane	10.719	76	178540	48.734	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	323283	253.010	ug/l	99
59) 2-Hexanone	10.762	43	221410	234.839	ug/l	99
60) Dibromochloromethane	10.908	129	156616	49.500	ug/l	100
61) 1,2-Dibromoethane	11.018	107	104917	48.630	ug/l	99
64) Tetrachloroethene	10.646	164	194574	49.658	ug/l	98
65) Chlorobenzene	11.444	112	451499	48.610	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	162874	49.809	ug/l	99
67) Ethyl Benzene	11.518	91	769389	50.637	ug/l	100
68) m/p-Xylenes	11.627	106	618613	102.316	ug/l	100
69) o-Xylene	11.957	106	285095	51.160	ug/l	99
70) Styrene	11.969	104	491426	52.522	ug/l	100
71) Bromoform	12.133	173	90241	47.467	ug/l #	100
73) Isopropylbenzene	12.255	105	742285	49.401	ug/l	99
74) N-amyl acetate	12.072	43	111370	43.140	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	113473	44.792	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	84372m	43.798	ug/l	
77) Bromobenzene	12.530	156	183859	48.425	ug/l	99
78) n-propylbenzene	12.597	91	890155	49.746	ug/l	100
79) 2-Chlorotoluene	12.682	91	508345	48.849	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	625706	50.540	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	34779	43.477	ug/l	98
82) 4-Chlorotoluene	12.780	91	528622	48.866	ug/l	100
83) tert-Butylbenzene	12.999	119	555795	50.056	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	620633	50.118	ug/l	100
85) sec-Butylbenzene	13.176	105	809379	49.815	ug/l	100
86) p-Isopropyltoluene	13.292	119	694644	50.348	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	370206	48.007	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	360030	47.140	ug/l	99
89) n-Butylbenzene	13.615	91	597617	48.461	ug/l	100
90) Hexachloroethane	13.877	117	144406	47.639	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	321391	47.784	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	16729	41.507	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	176950	46.427	ug/l	100
94) Hexachlorobutadiene	15.023	225	106547	45.436	ug/l	100
95) Naphthalene	15.145	128	282549	44.627	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	150542	45.757	ug/l	98

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

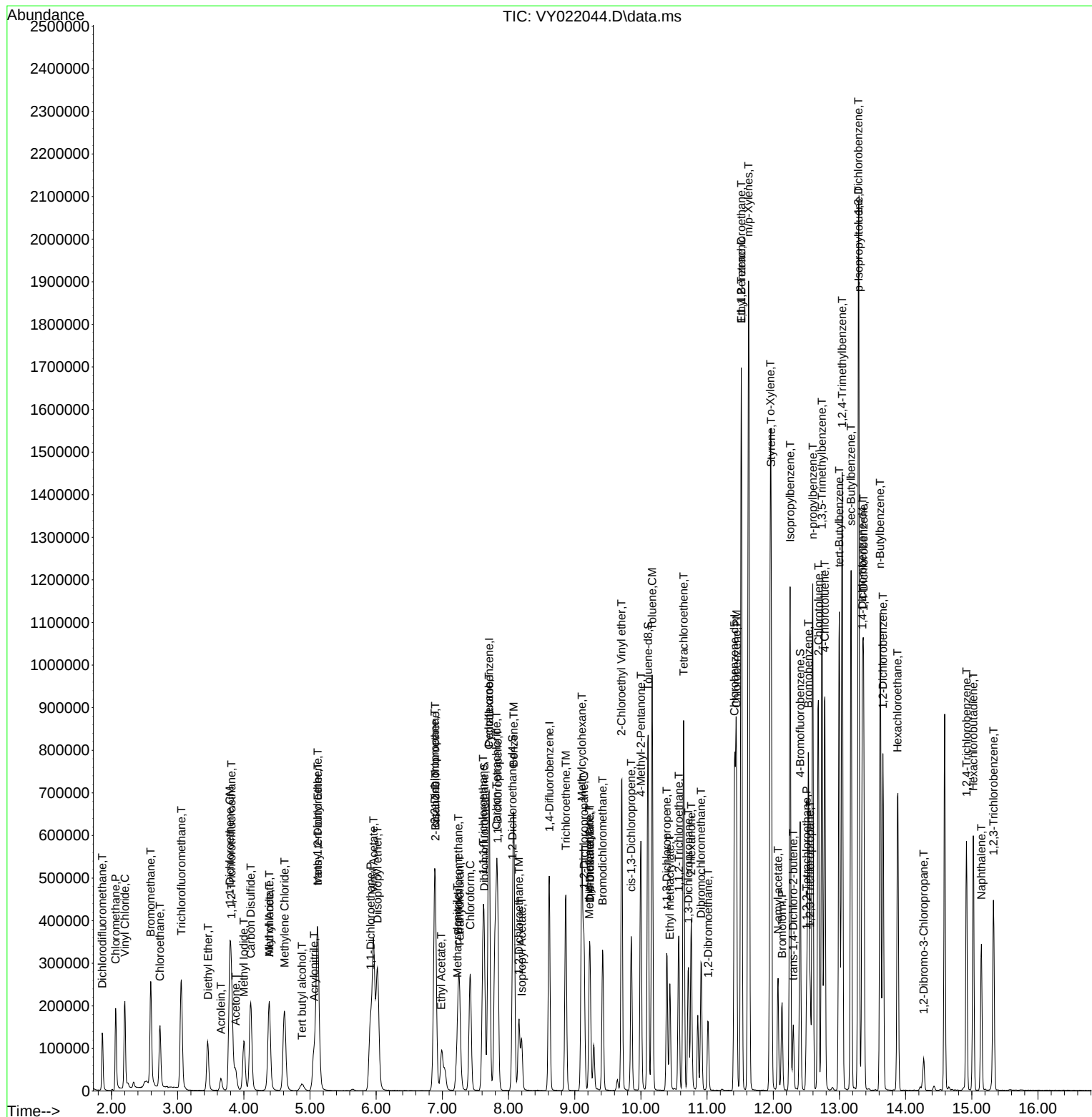
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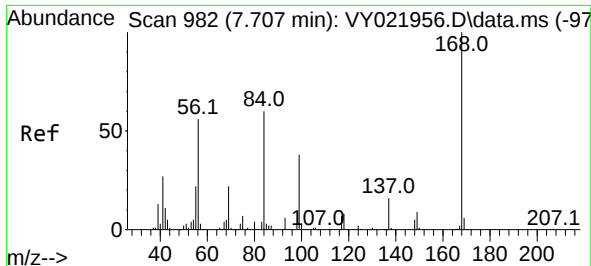
Instrument :
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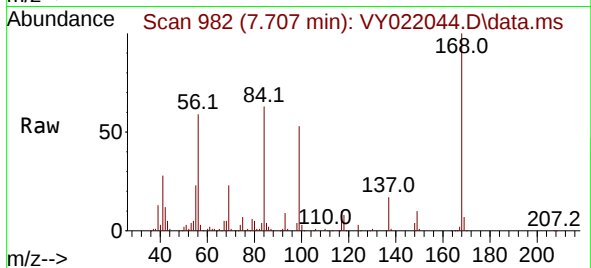
Reviewed By : Semsettin Yesilyurt 04/29/2025
Supervised By : Mahesh Dadoda 04/29/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022044.D
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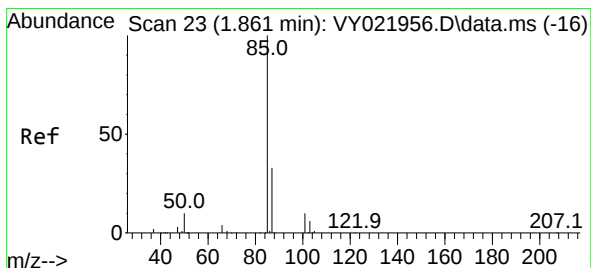
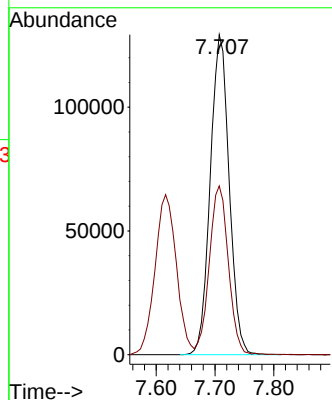
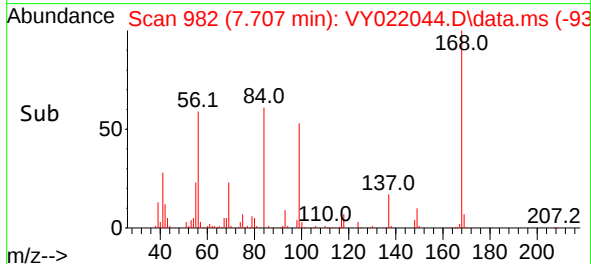
Instrument :
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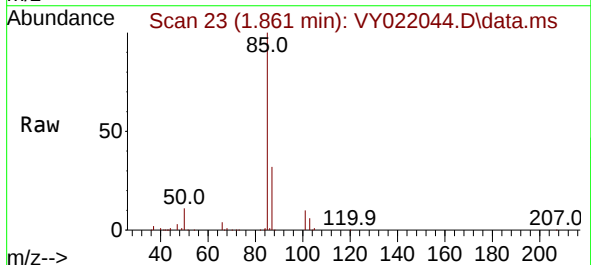
Tgt Ion: 168 Resp: 28910
Ion Ratio Lower Upper
168 100
99 52.6 43.1 64.7

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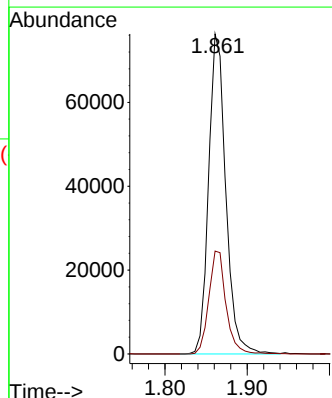
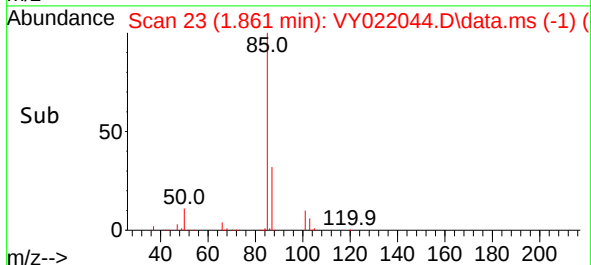
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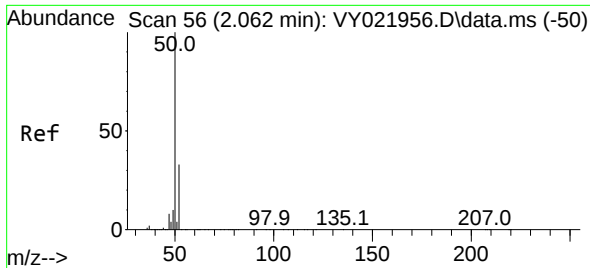


#2
Dichlorodifluoromethane
Concen: 44.865 ug/l
RT: 1.861 min Scan# 23
Delta R.T. 0.000 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09



Tgt Ion: 85 Resp: 110521
Ion Ratio Lower Upper
85 100
87 32.2 16.6 49.7





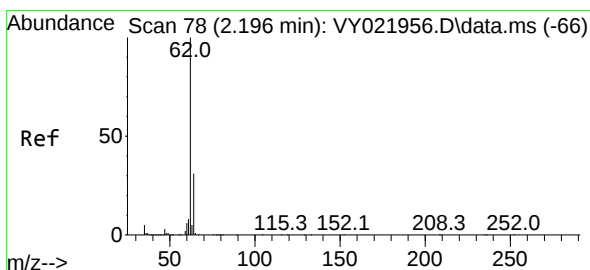
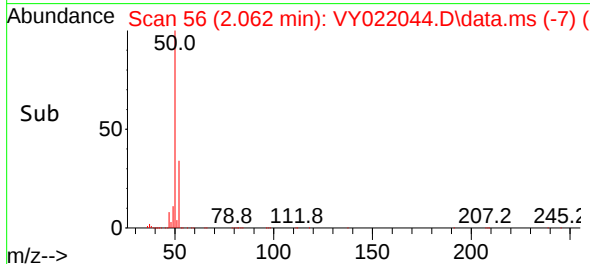
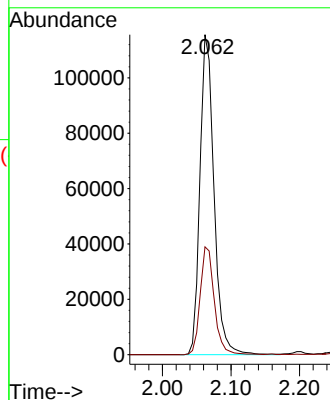
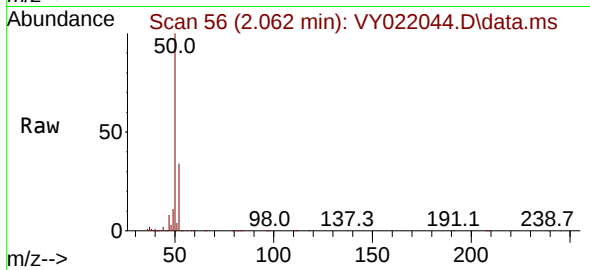
#3
Chloromethane
Concen: 47.083 ug/l
RT: 2.062 min Scan# 50
Delta R.T. 0.000 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09

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ClientSampleId :
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Tgt Ion: 50 Resp: 16515
Ion Ratio Lower Upper
50 100
52 33.7 26.1 39.1

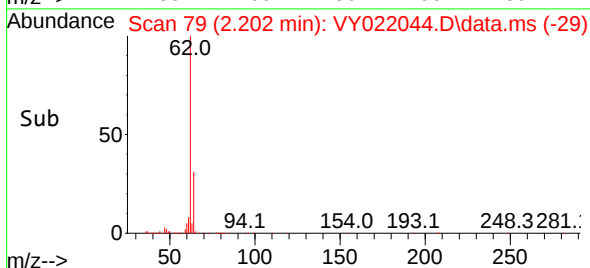
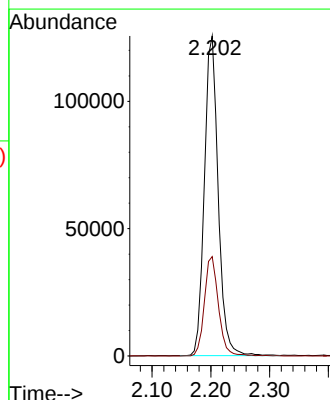
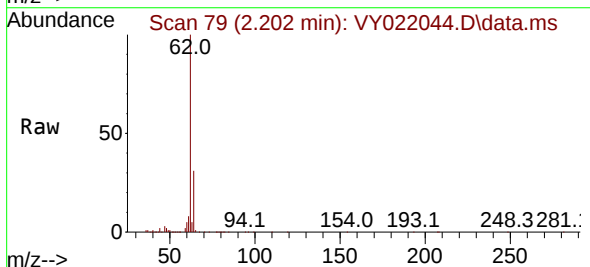
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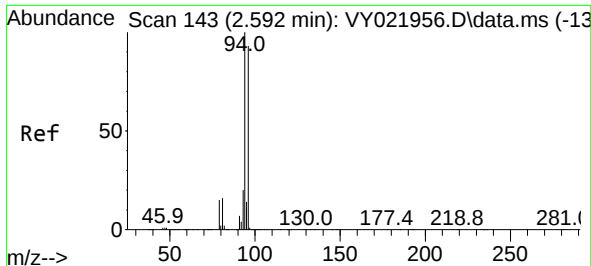
Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/29/2025



#4
Vinyl Chloride
Concen: 47.685 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09

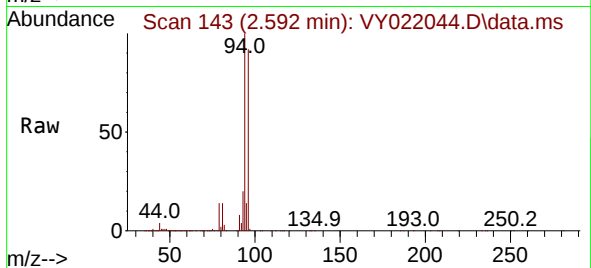
Tgt Ion: 62 Resp: 205542
Ion Ratio Lower Upper
62 100
64 31.1 25.1 37.7





#5
Bromomethane
Concen: 43.921 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09

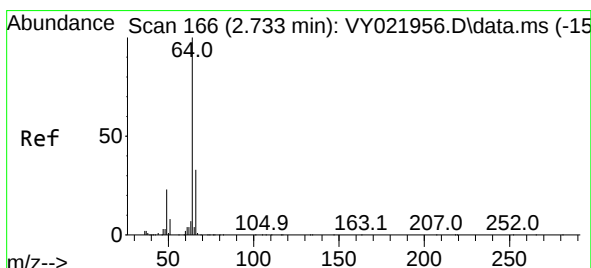
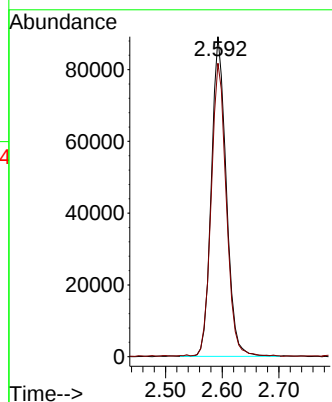
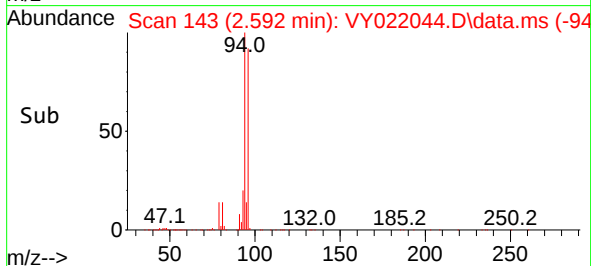
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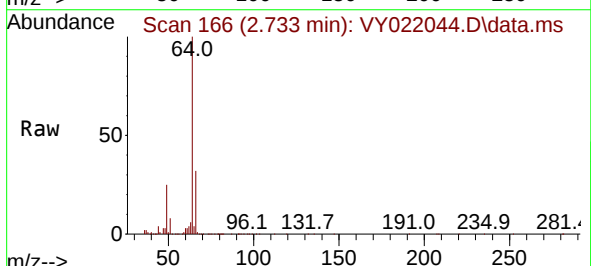
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Ion Ratio Lower Upper
94 100
96 91.5 74.6 111.8

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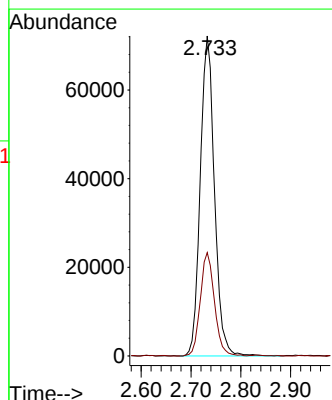
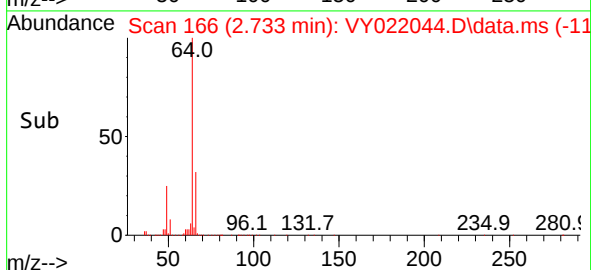
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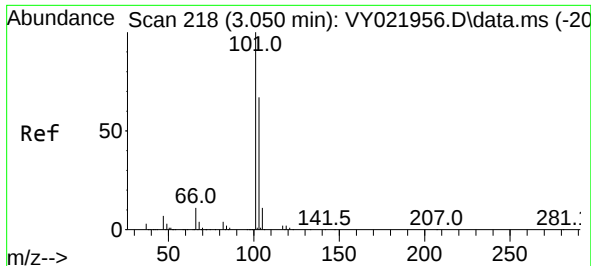


#6
Chloroethane
Concen: 48.618 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY022044.D
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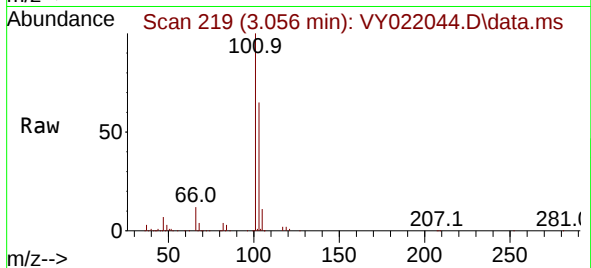
Tgt Ion: 64 Resp: 142722
Ion Ratio Lower Upper
64 100
66 32.3 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 47.567 ug/l
 RT: 3.056 min Scan# 218
 Delta R.T. 0.006 min
 Lab File: VY022044.D
 Acq: 28 Apr 2025 20:09

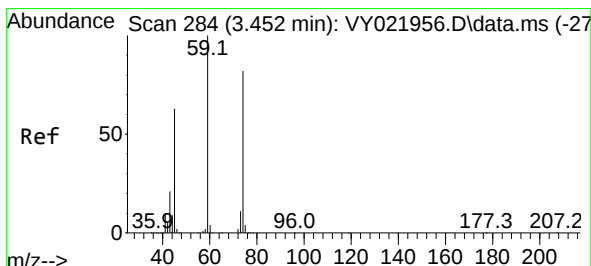
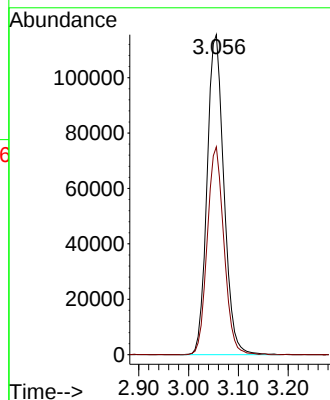
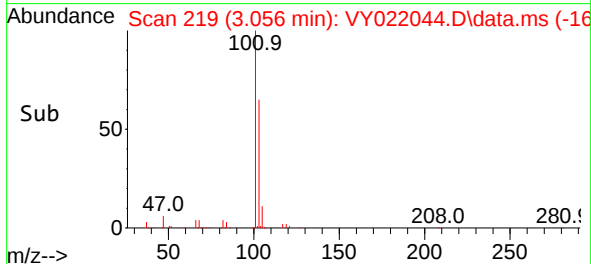
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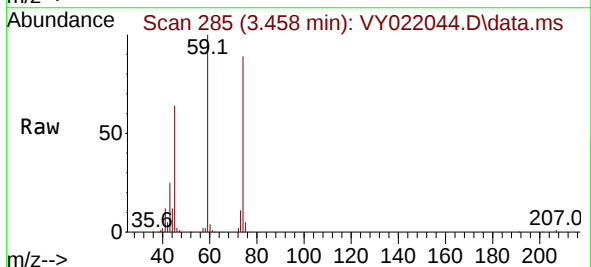
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 Ion Ratio Lower Upper
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 103 64.9 53.6 80.4

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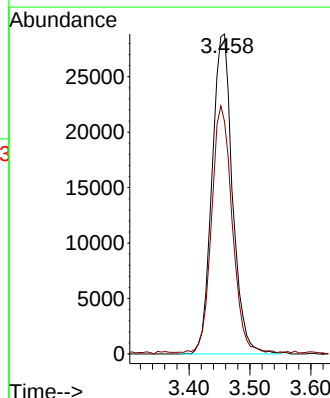
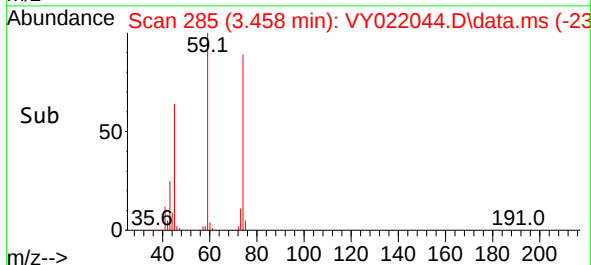
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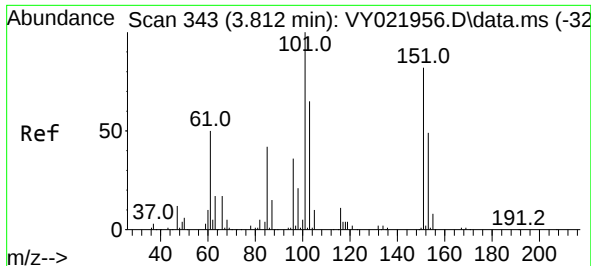


#8
 Diethyl Ether
 Concen: 45.552 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY022044.D
 Acq: 28 Apr 2025 20:09



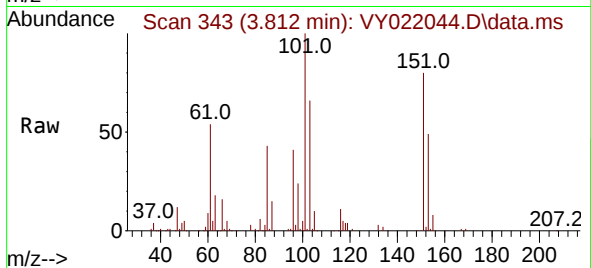
Tgt Ion: 74 Resp: 67390
 Ion Ratio Lower Upper
 74 100
 45 77.2 39.1 117.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.149 ug/l
RT: 3.812 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09

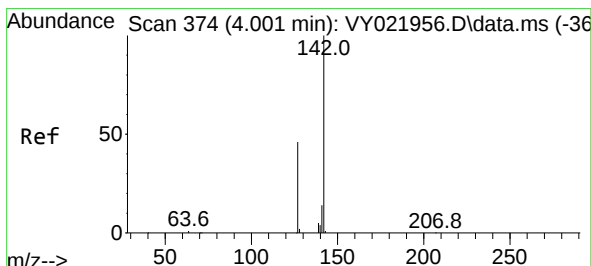
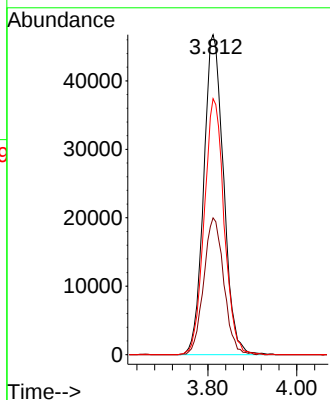
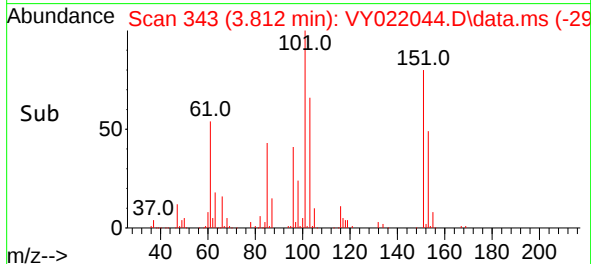
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 14537
Ion Ratio Lower Upper
101 100
85 43.2 34.6 51.8
151 80.1 63.7 95.5

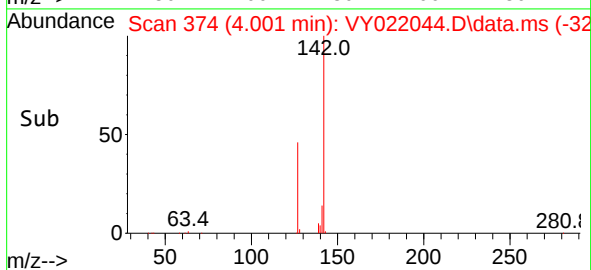
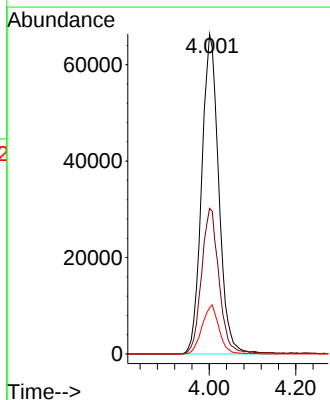
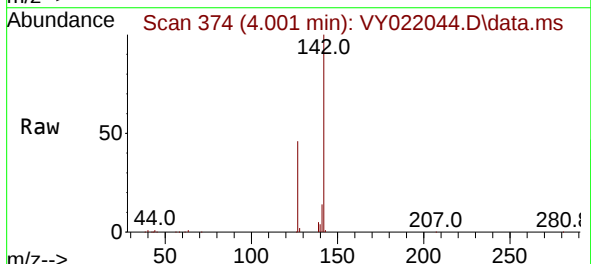
Manual Integrations
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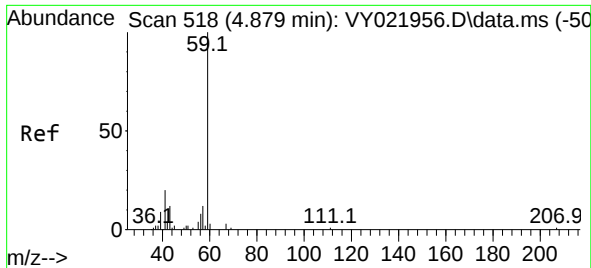
Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/29/2025



#10
Methyl Iodide
Concen: 50.973 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09

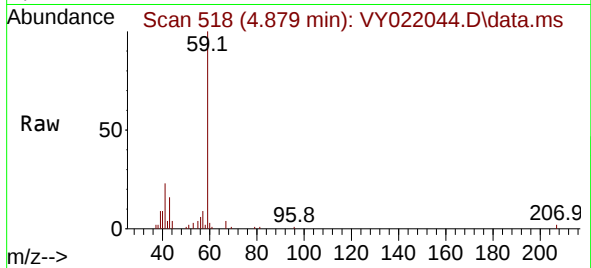
Tgt Ion:142 Resp: 181967
Ion Ratio Lower Upper
142 100
127 46.9 36.2 54.2
141 15.1 11.7 17.5





#11
Tert butyl alcohol
Concen: 206.540 ug/l
RT: 4.879 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09

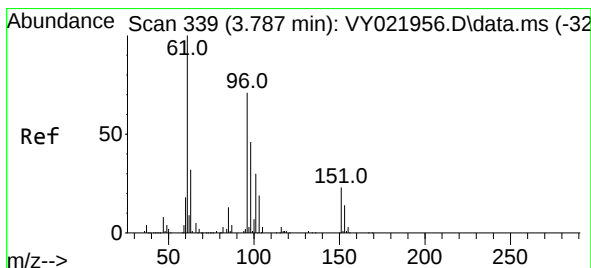
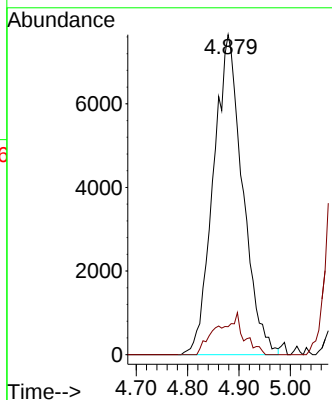
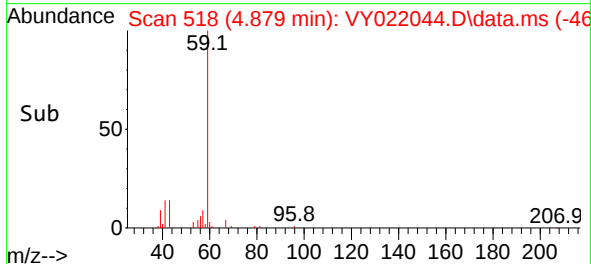
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



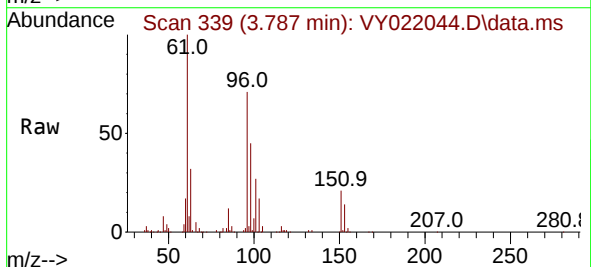
Tgt Ion: 59 Resp: 30279
Ion Ratio Lower Upper
59 100
57 0.0 9.3 13.9

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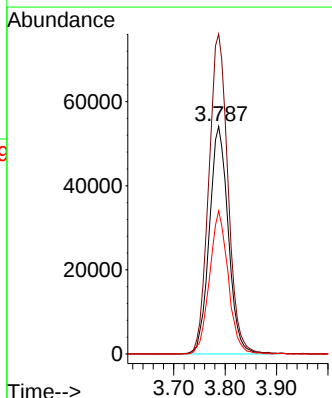
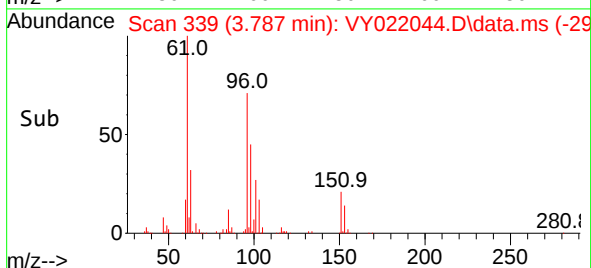
Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/29/2025

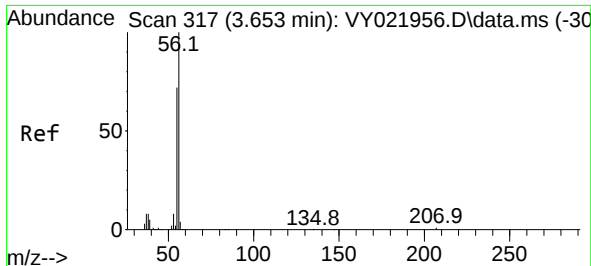


#12
1,1-Dichloroethene
Concen: 48.195 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09



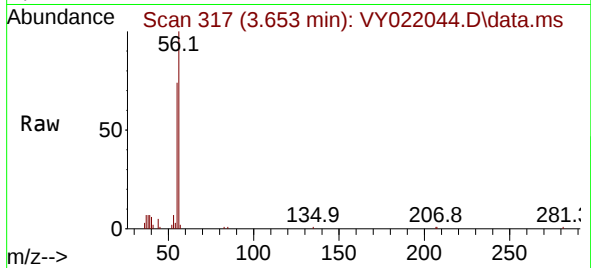
Tgt Ion: 96 Resp: 138511
Ion Ratio Lower Upper
96 100
61 140.6 113.0 169.4
98 62.9 51.4 77.2





#13
Acrolein
Concen: 125.250 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09

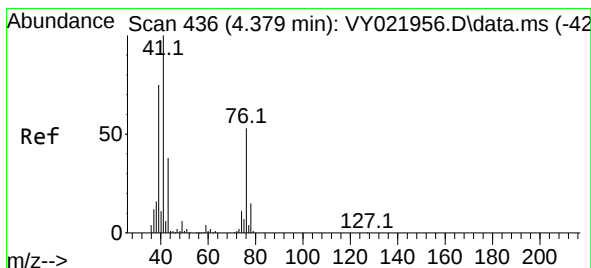
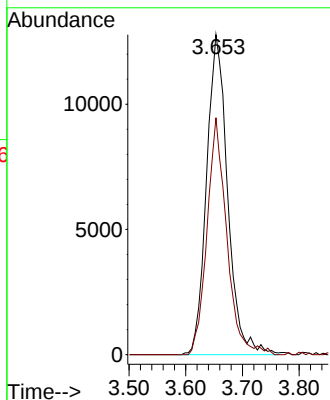
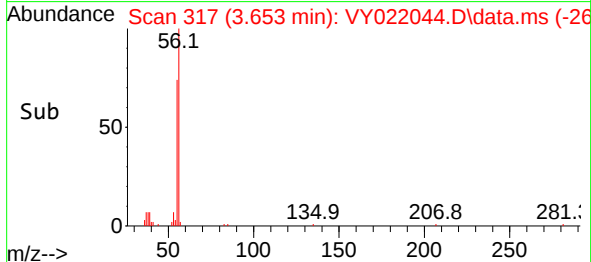
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



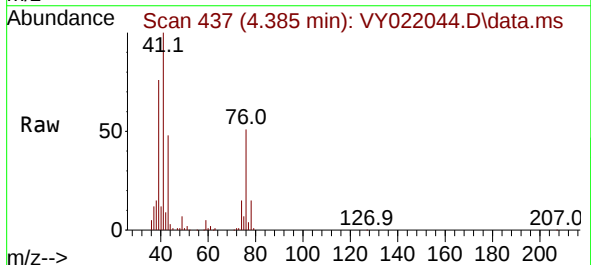
Tgt Ion: 56 Resp: 32950
Ion Ratio Lower Upper
56 100
55 69.5 57.4 86.0

Manual Integrations
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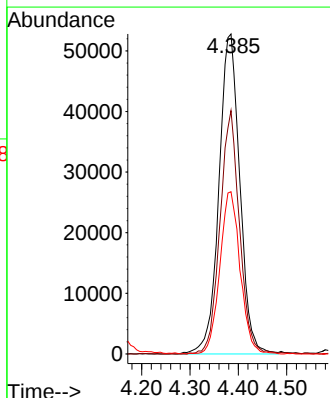
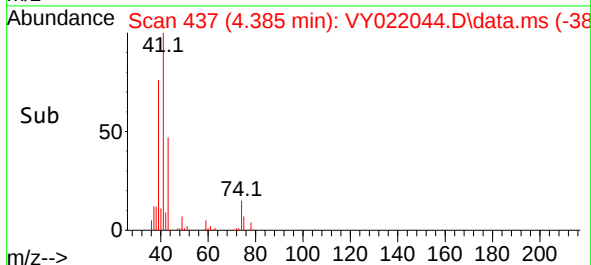
Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/29/2025



#14
Allyl chloride
Concen: 47.304 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09



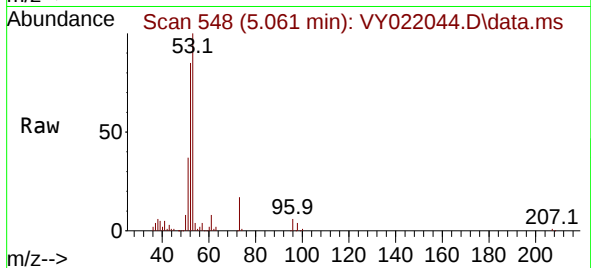
Tgt Ion: 41 Resp: 158300
Ion Ratio Lower Upper
41 100
39 71.0 57.2 85.8
76 49.4 39.7 59.5





#15
Acrylonitrile
Concen: 226.290 ug/l
RT: 5.061 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09

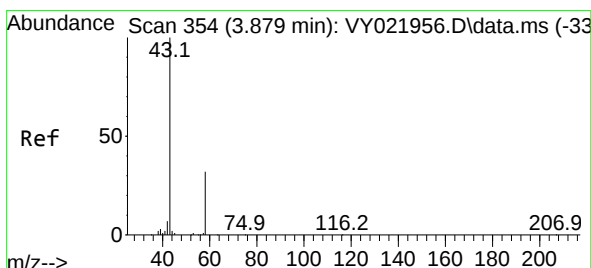
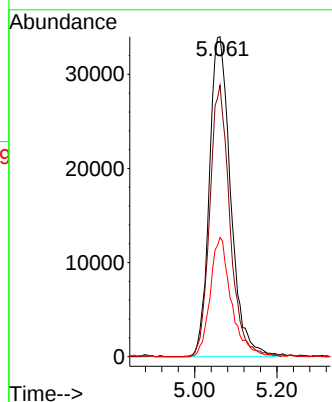
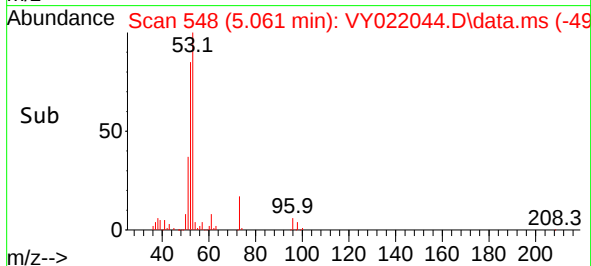
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 12255
Ion Ratio Lower Upper
53 100
52 79.7 65.0 97.6
51 37.0 28.9 43.3

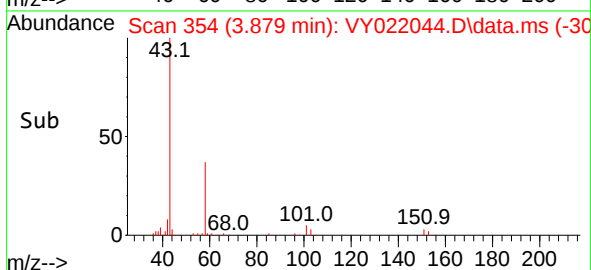
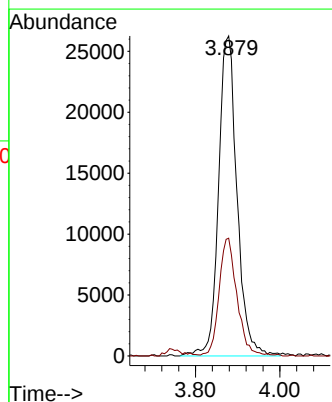
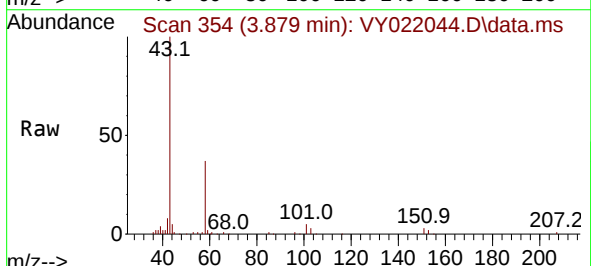
Manual Integrations
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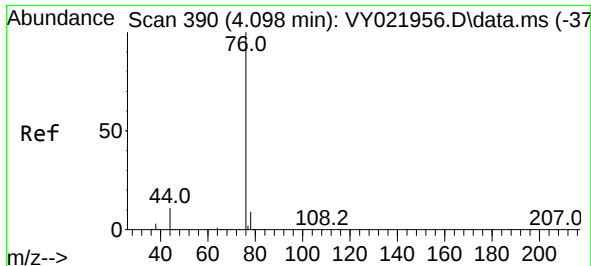
Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/29/2025



#16
Acetone
Concen: 225.704 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09

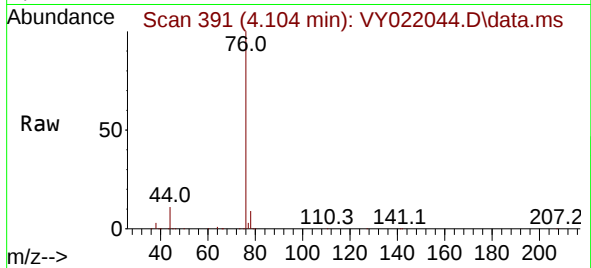
Tgt Ion: 43 Resp: 79616
Ion Ratio Lower Upper
43 100
58 36.5 27.0 40.4





#17
Carbon Disulfide
Concen: 46.946 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09

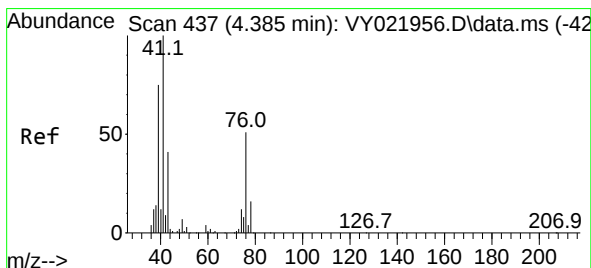
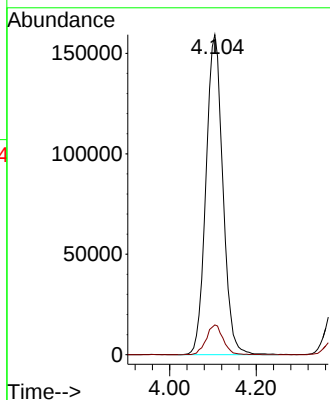
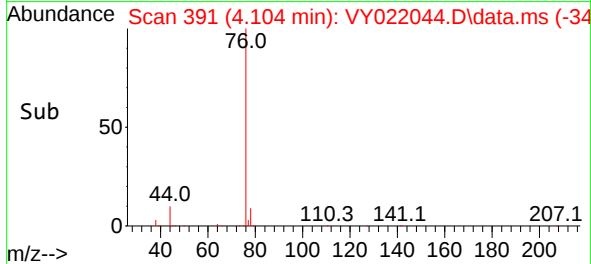
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 430194
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4

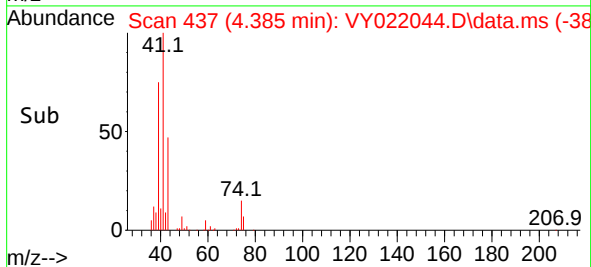
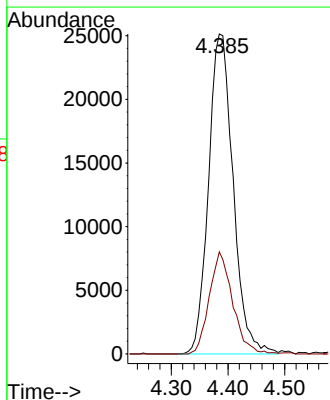
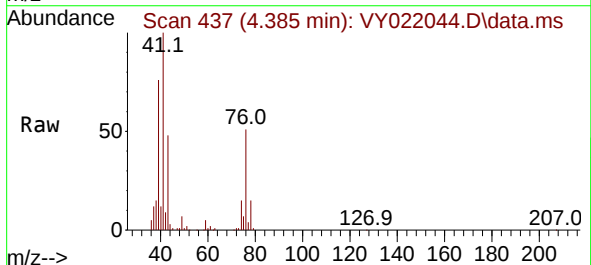
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/29/2025



#18
Methyl Acetate
Concen: 60.667 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09

Tgt Ion: 43 Resp: 75676
Ion Ratio Lower Upper
43 100
74 30.3 24.2 36.4





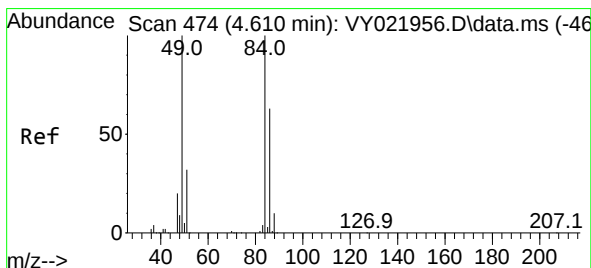
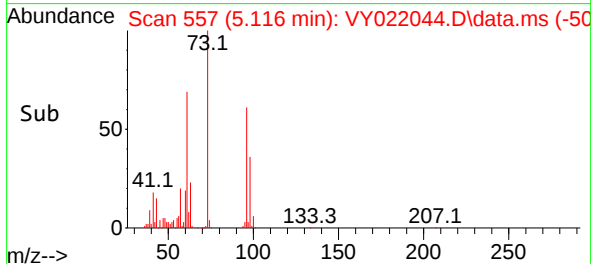
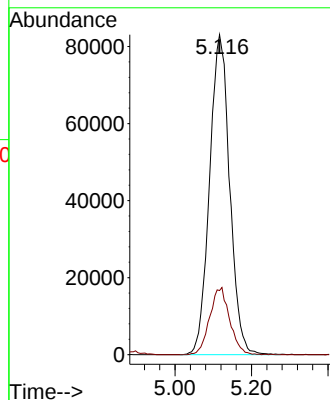
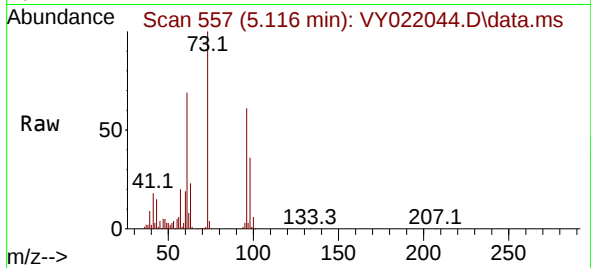
#19
Methyl tert-butyl Ether
Concen: 47.151 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 30330
Ion Ratio Lower Upper
73 100
57 20.0 16.9 25.3

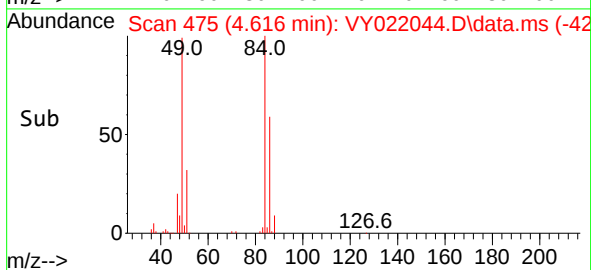
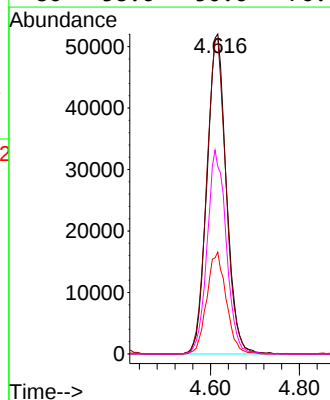
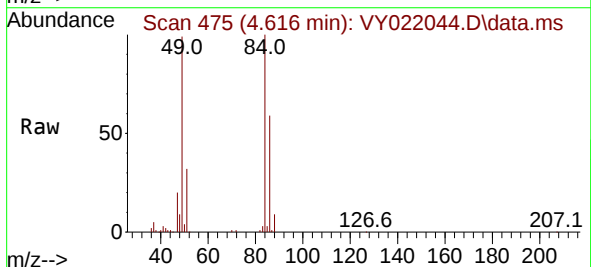
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/29/2025



#20
Methylene Chloride
Concen: 46.562 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09

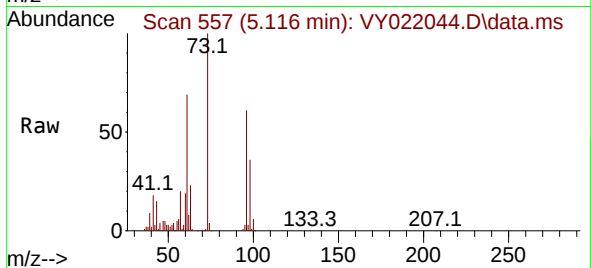
Tgt Ion: 84 Resp: 157224
Ion Ratio Lower Upper
84 100
49 98.6 79.9 119.9
51 31.9 25.4 38.0
86 58.6 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 49.049 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09

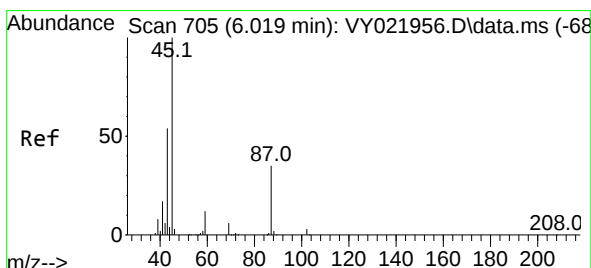
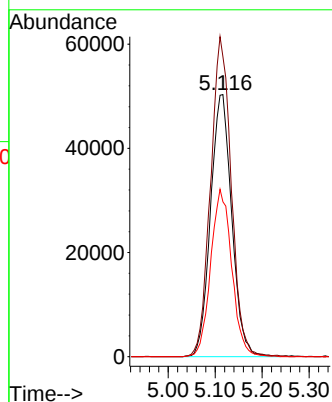
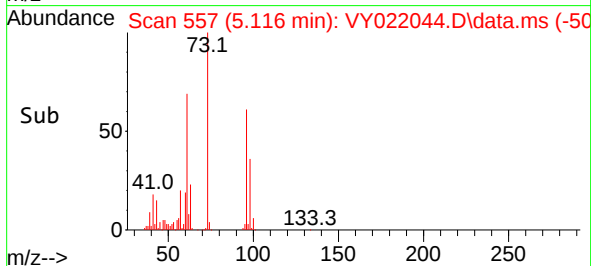
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 15787
Ion Ratio Lower Upper
96 100
61 114.4 92.6 138.8
98 59.1 50.2 75.4

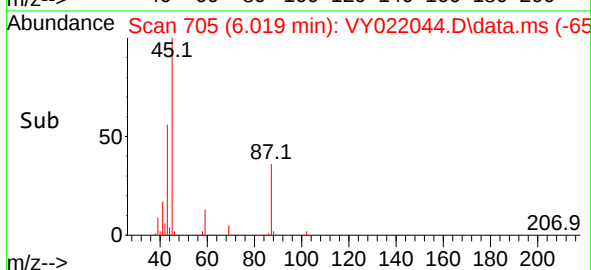
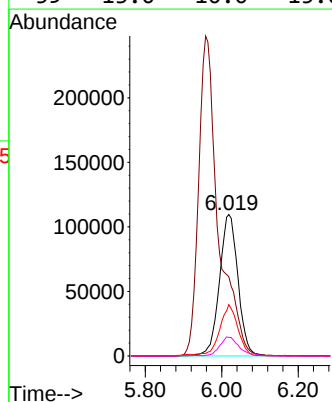
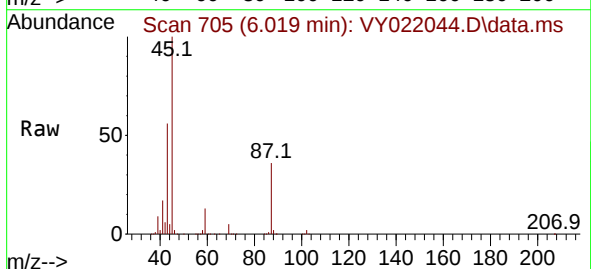
Manual Integrations
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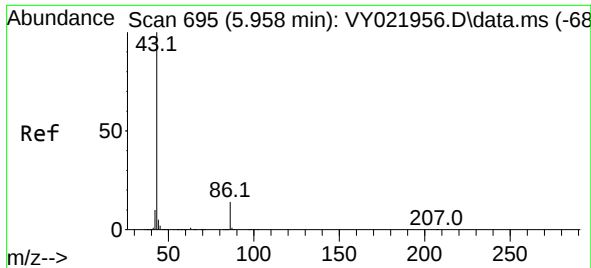
Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/29/2025



#22
Diisopropyl ether
Concen: 49.499 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09

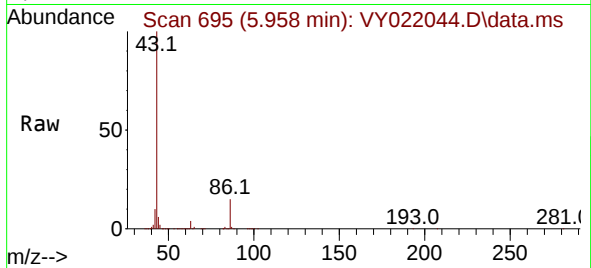
Tgt Ion: 45 Resp: 368624
Ion Ratio Lower Upper
45 100
43 55.7 43.6 65.4
87 36.3 28.2 42.4
59 13.0 10.0 15.0





#23
 Vinyl Acetate
 Concen: 220.901 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY022044.D
 Acq: 28 Apr 2025 20:09

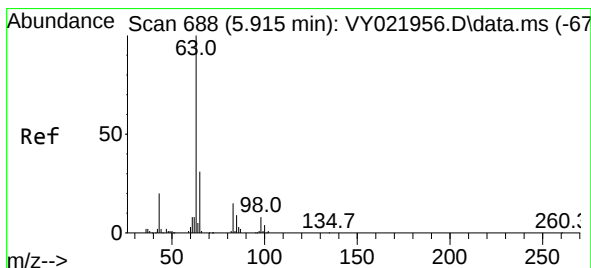
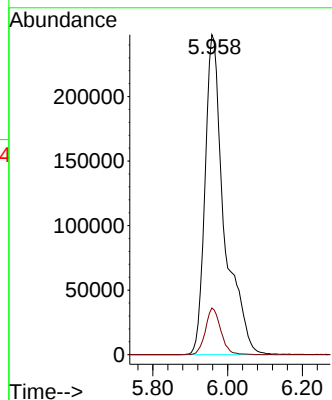
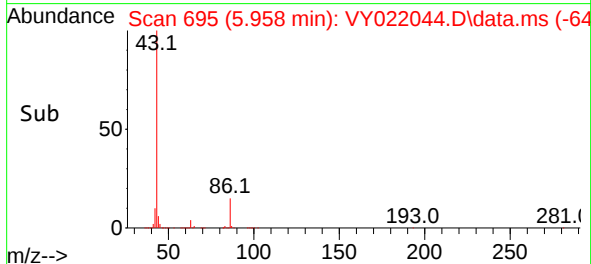
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



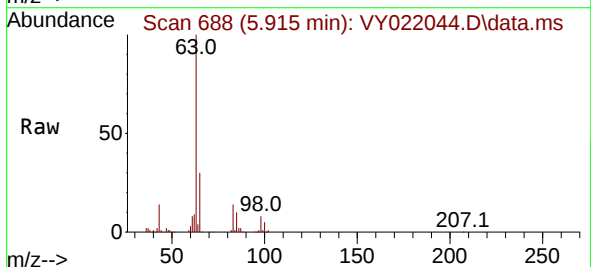
Tgt Ion: 43 Resp: 886585
 Ion Ratio Lower Upper
 43 100
 86 14.6 11.1 16.7

Manual Integrations
 APPROVED

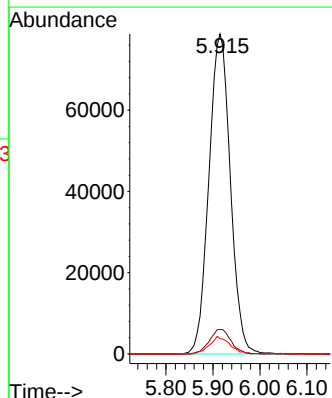
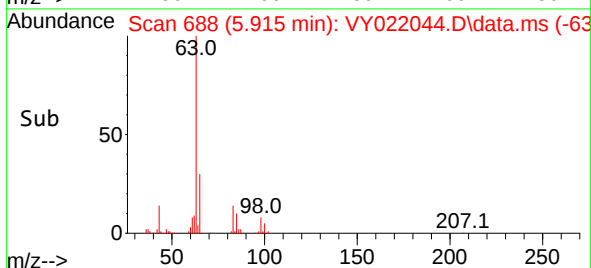
Reviewed By :Semsettin Yesilyurt 04/29/2025
 Supervised By :Mahesh Dadoda 04/29/2025

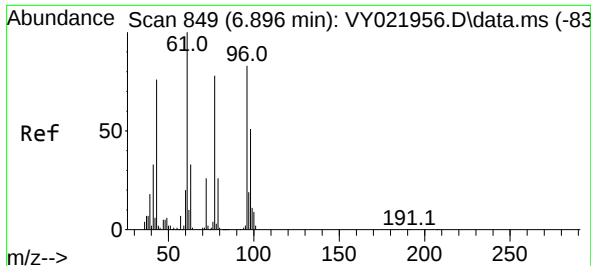


#24
 1,1-Dichloroethane
 Concen: 48.354 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY022044.D
 Acq: 28 Apr 2025 20:09



Tgt Ion: 63 Resp: 249603
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.0 11.9
 100 4.8 2.0 6.0





#25

2-Butanone

Concen: 214.843 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY022044.D

Acq: 28 Apr 2025 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 130775

Ion Ratio Lower Upper

43 100

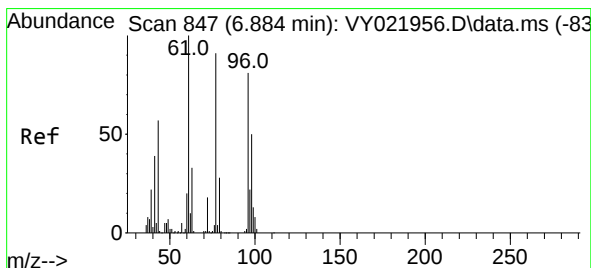
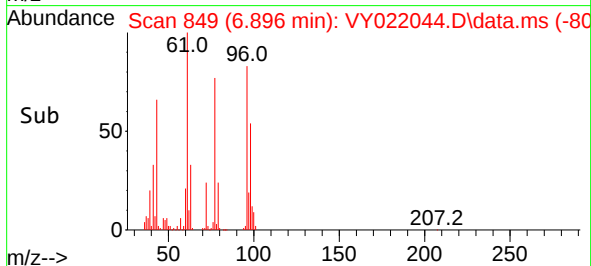
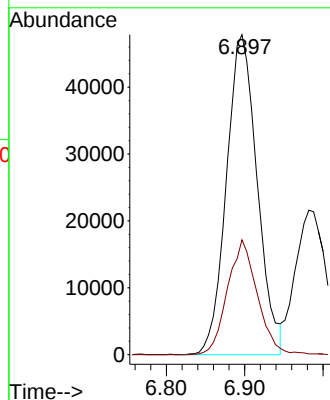
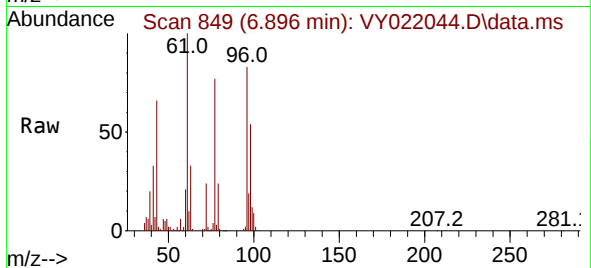
72 35.9 27.0 40.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/29/2025

Supervised By :Mahesh Dadoda 04/29/2025



#26

2,2-Dichloropropane

Concen: 46.198 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY022044.D

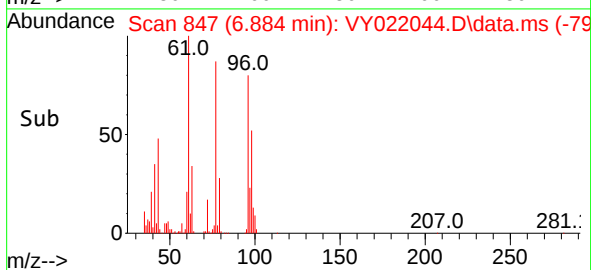
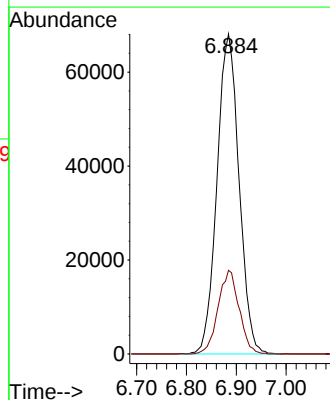
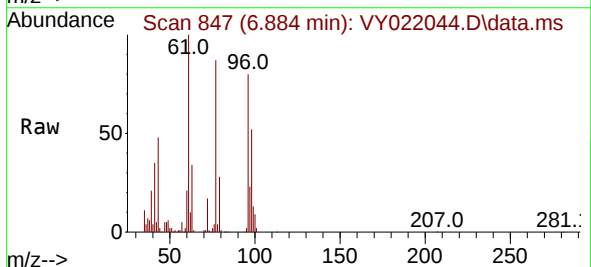
Acq: 28 Apr 2025 20:09

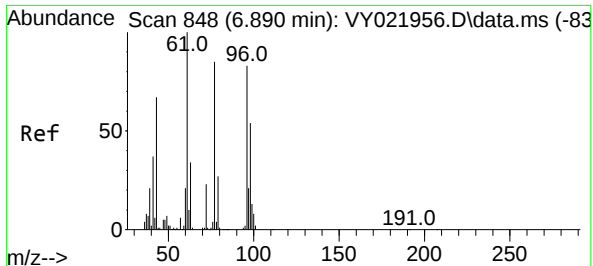
Tgt Ion: 77 Resp: 209014

Ion Ratio Lower Upper

77 100

97 24.9 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 49.650 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY022044.D

Acq: 28 Apr 2025 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 17868

Ion Ratio Lower Upper

96 100

61 124.4 0.0 251.4

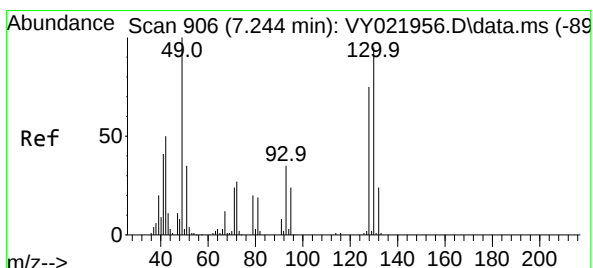
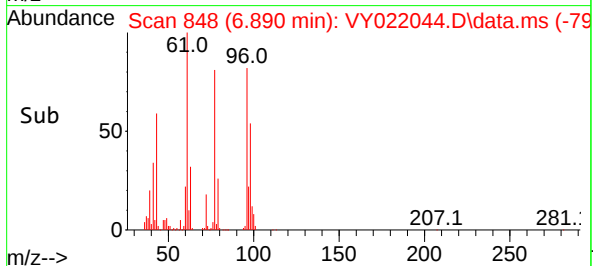
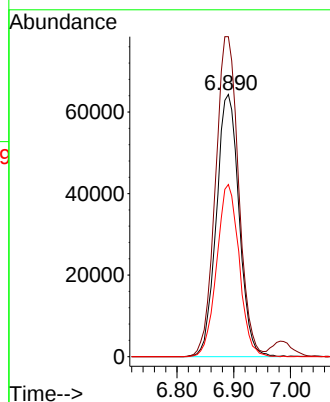
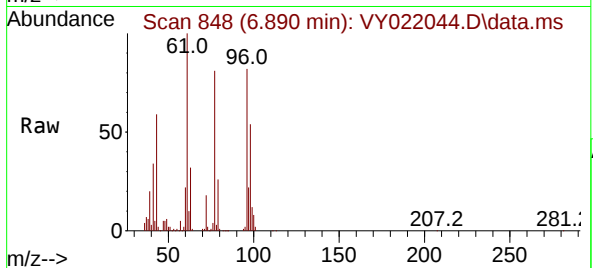
98 65.0 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/29/2025

Supervised By :Mahesh Dadoda 04/29/2025



#28

Bromochloromethane

Concen: 48.028 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY022044.D

Acq: 28 Apr 2025 20:09

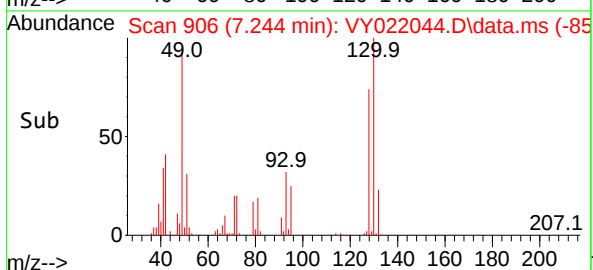
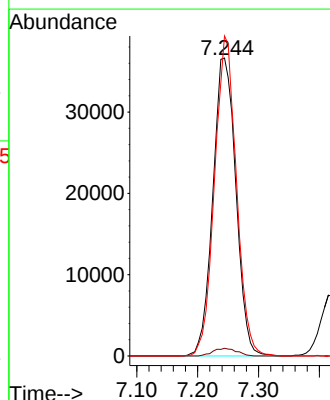
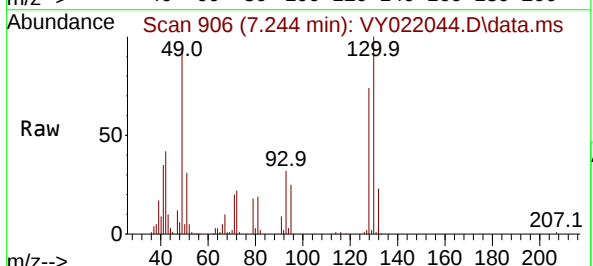
Tgt Ion: 49 Resp: 96297

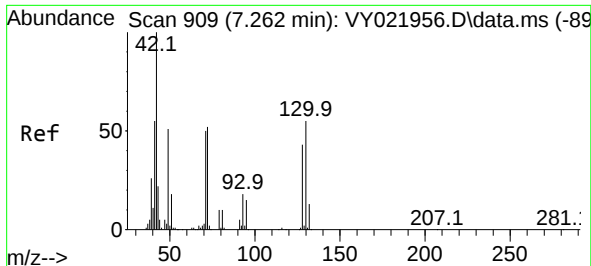
Ion Ratio Lower Upper

49 100

129 2.6 0.0 5.0

130 101.7 78.2 117.4





#29

Tetrahydrofuran

Concen: 226.985 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY022044.D

Acq: 28 Apr 2025 20:09

Instrument :

MSVOA_Y

ClientSampleId :

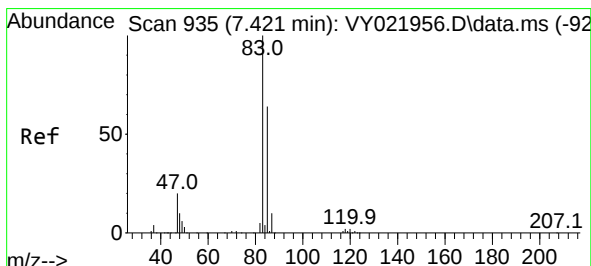
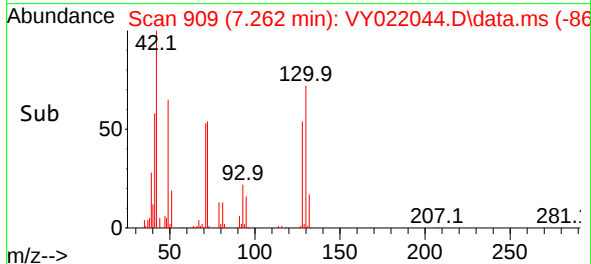
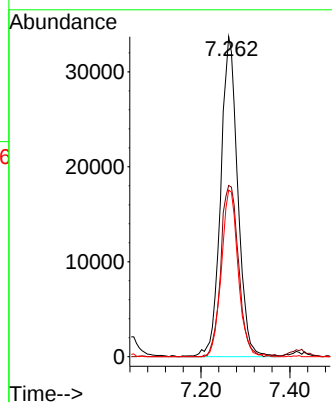
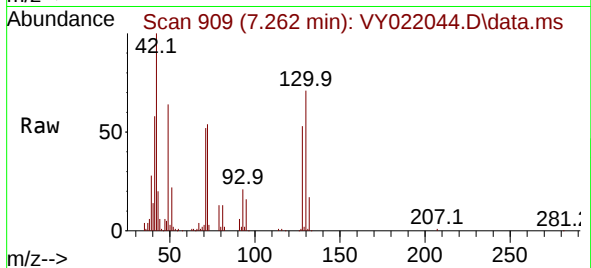
VSTDCCC050EC

Tgt Ion:	42	Resp:	89730
Ion	Ratio	Lower	Upper
42	100		
72	55.6	42.6	63.8
71	51.0	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/29/2025



#30

Chloroform

Concen: 49.805 ug/l

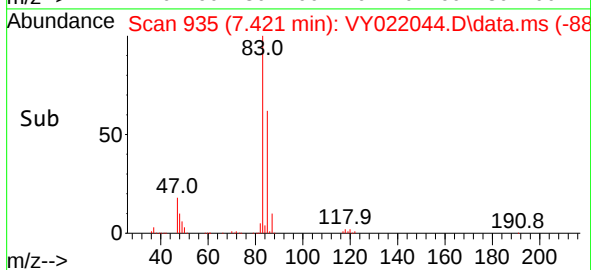
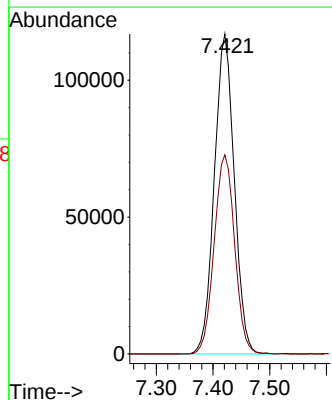
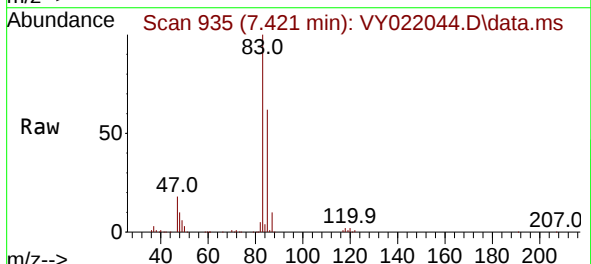
RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY022044.D

Acq: 28 Apr 2025 20:09

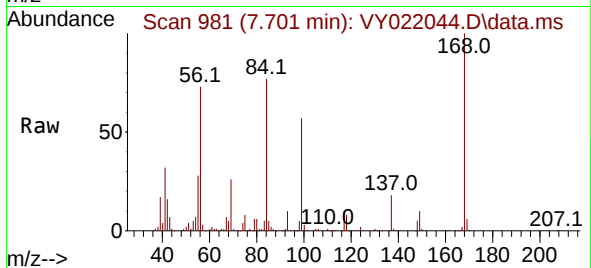
Tgt Ion:	83	Resp:	285174
Ion	Ratio	Lower	Upper
83	100		
85	62.3	51.3	76.9





#31
Cyclohexane
Concen: 46.854 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09

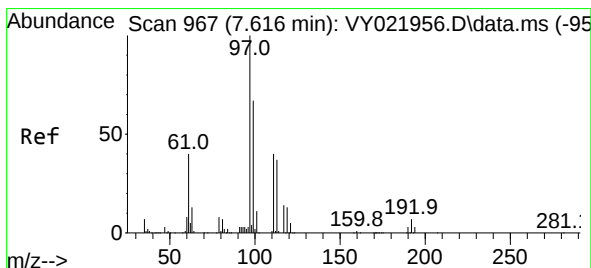
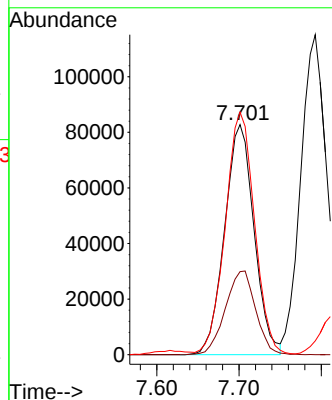
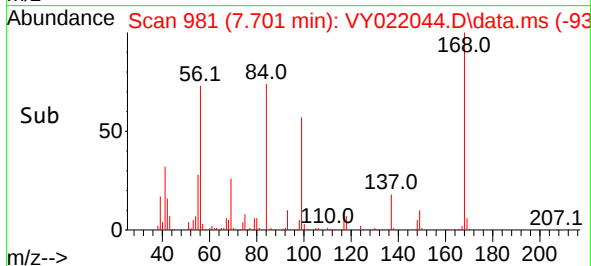
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



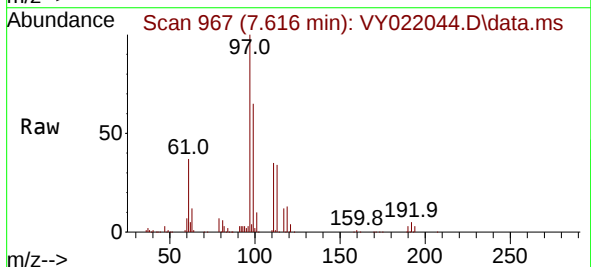
Tgt Ion: 56 Resp: 206820
Ion Ratio Lower Upper
56 100
69 36.1 29.4 44.2
84 104.0 82.2 123.4

Manual Integrations
APPROVED

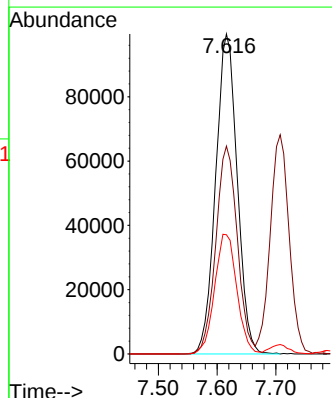
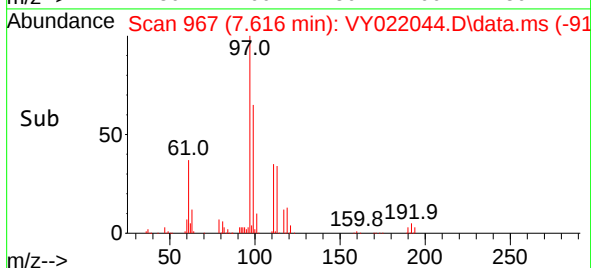
Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/29/2025



#32
1,1,1-Trichloroethane
Concen: 48.956 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09



Tgt Ion: 97 Resp: 253605
Ion Ratio Lower Upper
97 100
99 64.7 51.4 77.2
61 38.7 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 47.665 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY022044.D

Acq: 28 Apr 2025 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 12728

Ion Ratio Lower Upper

65 100

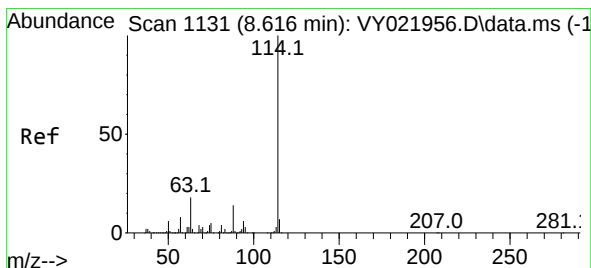
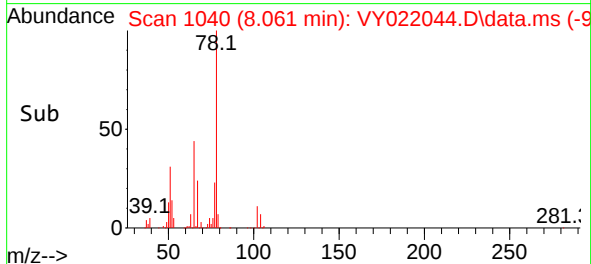
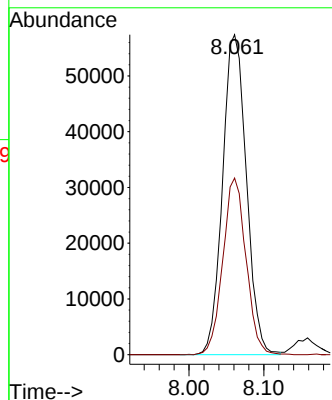
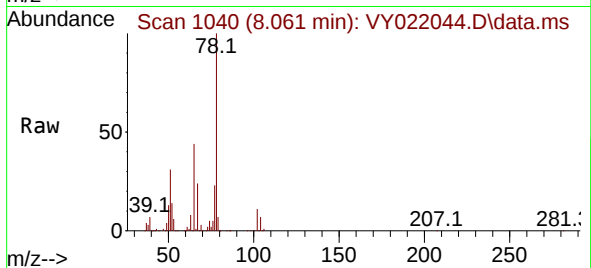
67 53.6 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/29/2025

Supervised By :Mahesh Dadoda 04/29/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022044.D

Acq: 28 Apr 2025 20:09

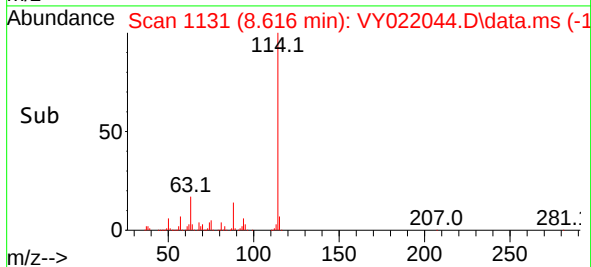
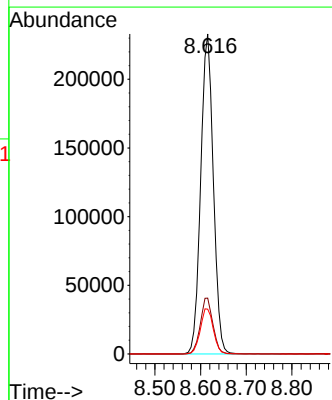
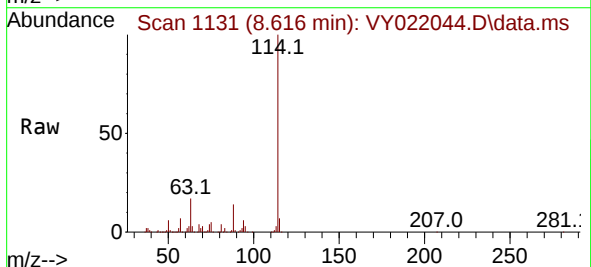
Tgt Ion:114 Resp: 445494

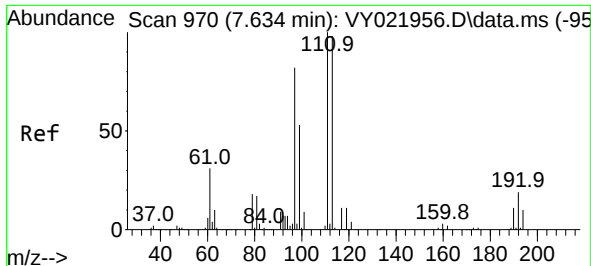
Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.4

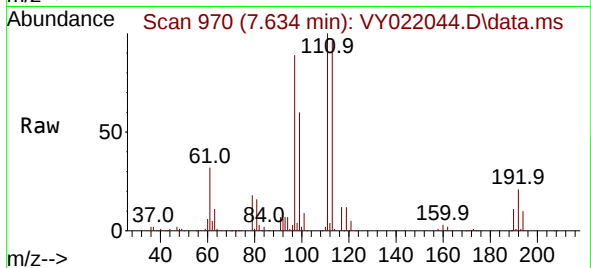
88 14.0 0.0 28.2





#35
Dibromofluoromethane
Concen: 49.757 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09

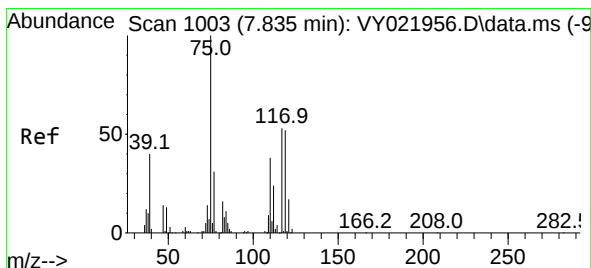
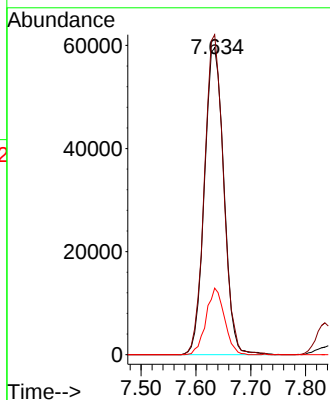
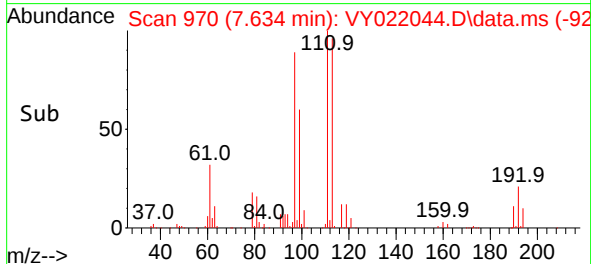
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



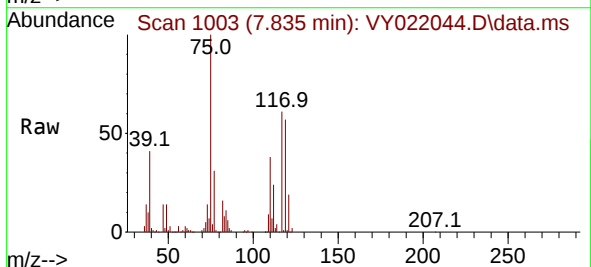
Tgt Ion: 113 Resp: 14644
Ion Ratio Lower Upper
113 100
111 102.2 81.8 122.8
192 20.5 15.6 23.4

Manual Integrations
APPROVED

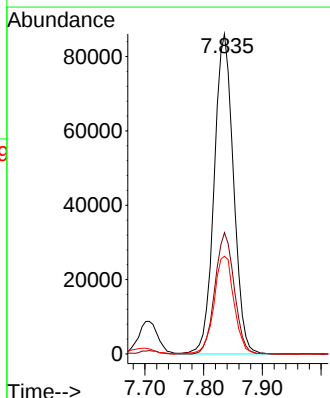
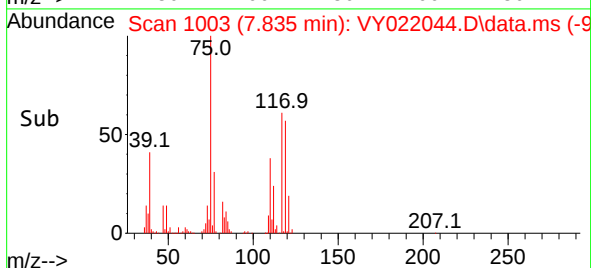
Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/29/2025

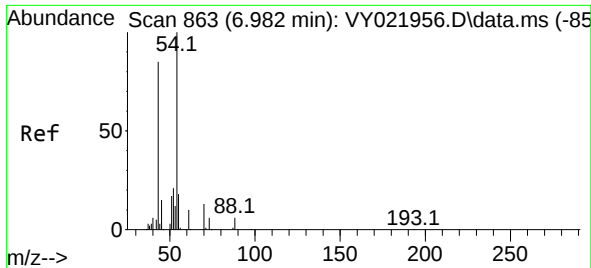


#36
1,1-Dichloropropene
Concen: 49.733 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09



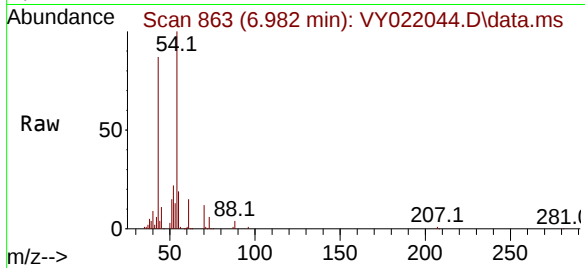
Tgt Ion: 75 Resp: 196618
Ion Ratio Lower Upper
75 100
110 37.9 19.1 57.3
77 31.8 25.5 38.3





#37
Ethyl Acetate
Concen: 42.499 ug/l
RT: 6.982 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09

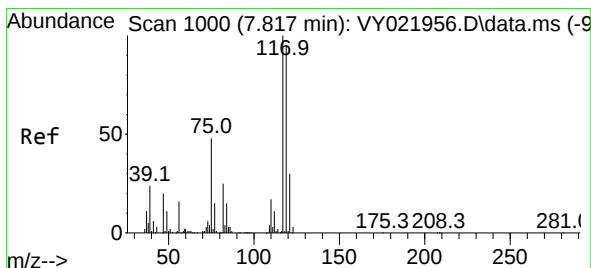
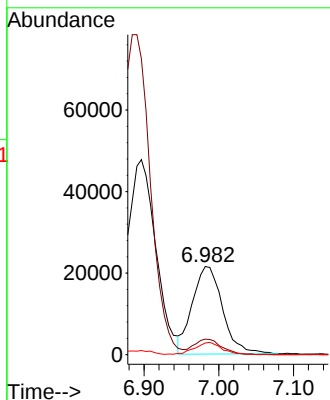
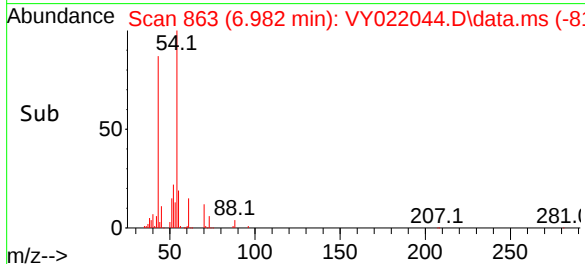
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



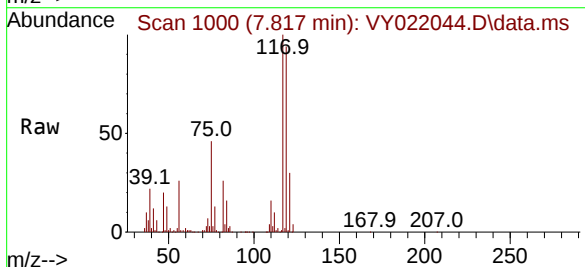
Tgt Ion: 43 Resp: 60344
Ion Ratio Lower Upper
43 100
61 16.6 13.8 20.6
70 12.7 9.2 13.8

Manual Integrations
APPROVED

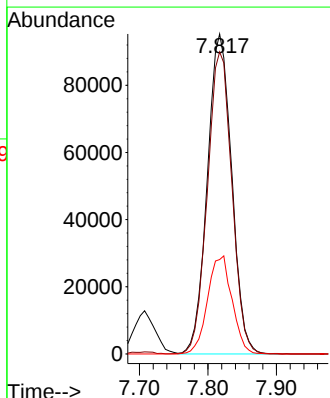
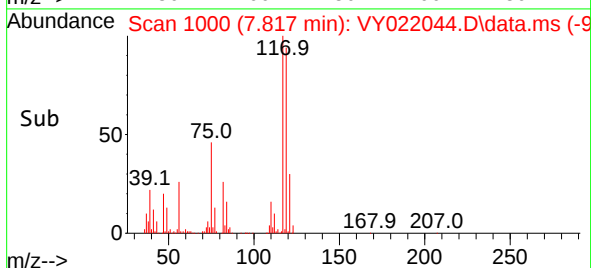
Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/29/2025

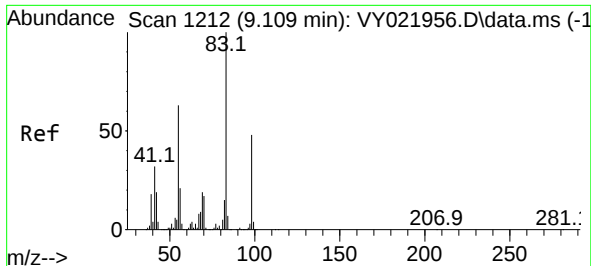


#38
Carbon Tetrachloride
Concen: 49.909 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09



Tgt Ion:117 Resp: 235777
Ion Ratio Lower Upper
117 100
119 94.2 76.2 114.4
121 29.5 24.0 36.0





#39

Methylcyclohexane

Concen: 49.883 ug/l

RT: 9.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022044.D

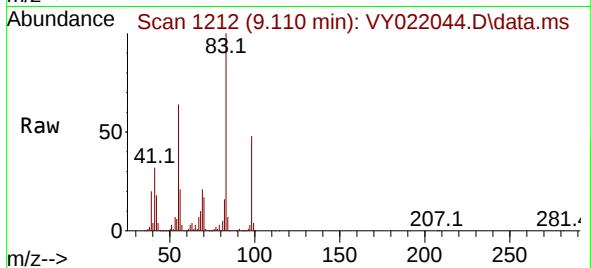
Acq: 28 Apr 2025 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

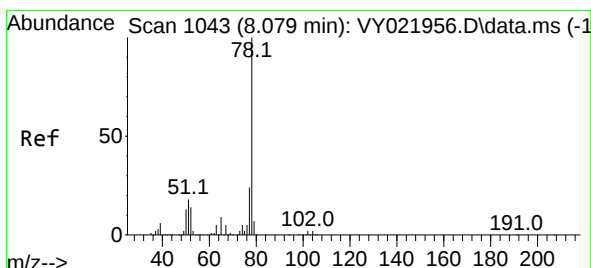
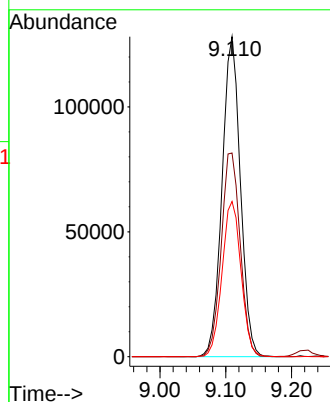
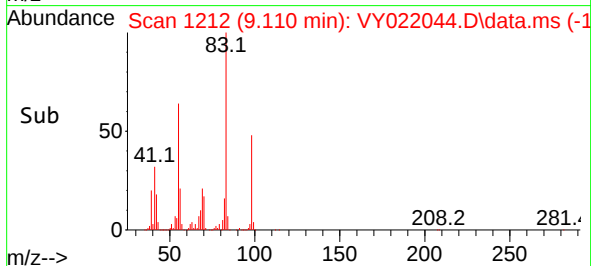


Tgt Ion:	83	Resp:	248179
Ion Ratio	100	Lower	Upper
83	100		
55	63.6	50.6	75.8
98	48.5	38.6	58.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/29/2025



#40

Benzene

Concen: 50.261 ug/l

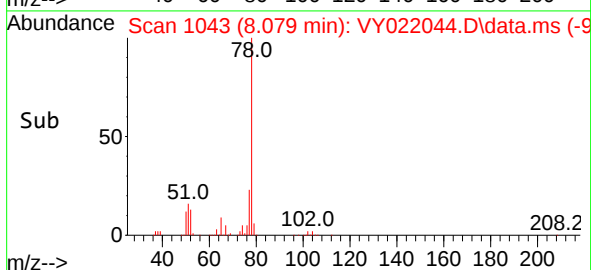
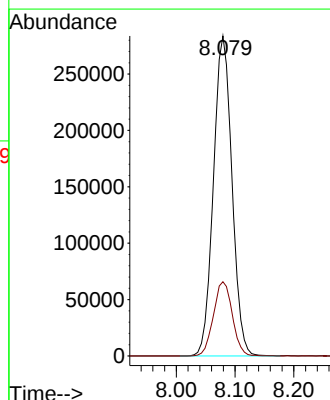
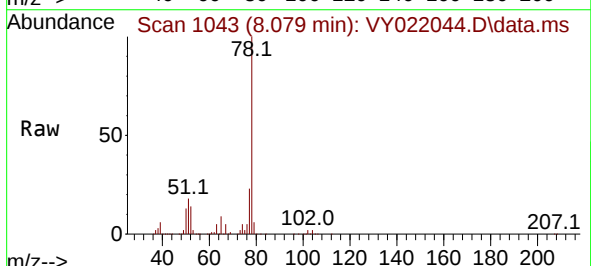
RT: 8.079 min Scan# 1043

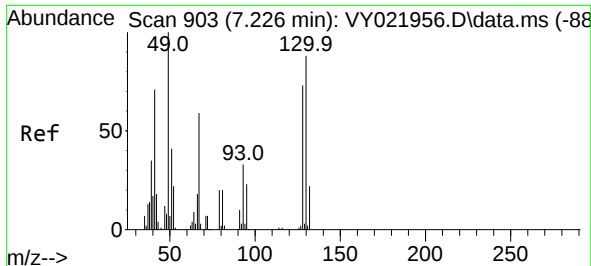
Delta R.T. 0.000 min

Lab File: VY022044.D

Acq: 28 Apr 2025 20:09

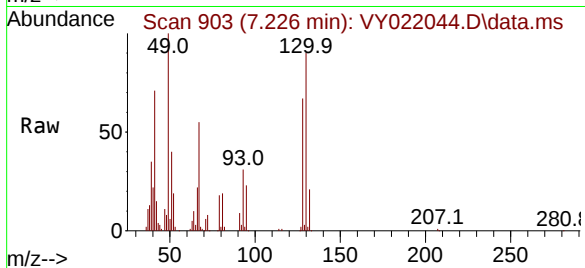
Tgt Ion:	78	Resp:	621146
Ion Ratio	100	Lower	Upper
78	100		
77	23.2	19.3	28.9





#41
Methacrylonitrile
Concen: 48.188 ug/l
RT: 7.226 min Scan# 903
Delta R.T. 0.000 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09

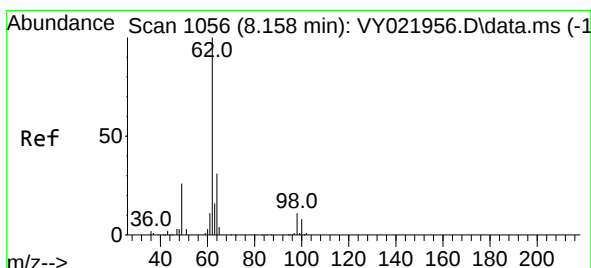
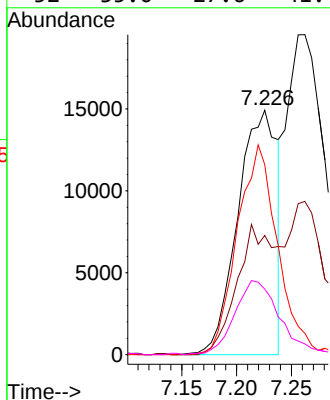
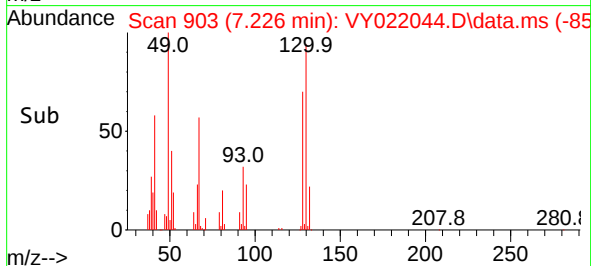
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



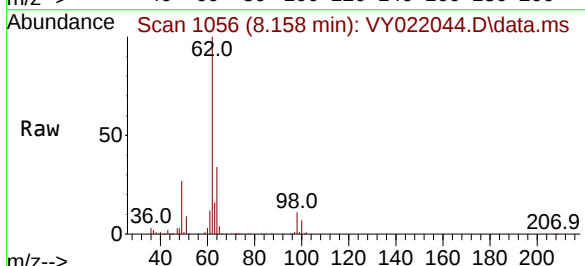
Tgt Ion: 41 Resp: 3740
Ion Ratio Lower Upper
41 100
39 57.5 36.6 55.0
67 88.3 72.2 108.4
52 35.0 27.6 41.4

Manual Integrations
APPROVED

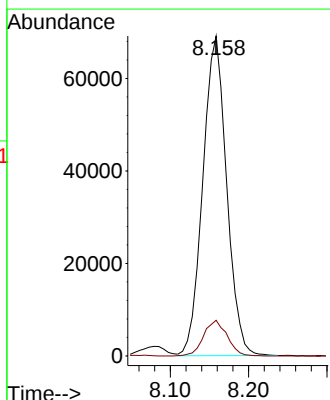
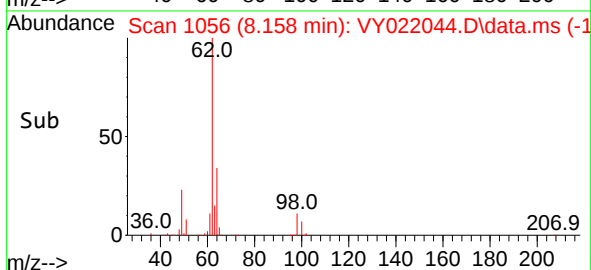
Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/29/2025

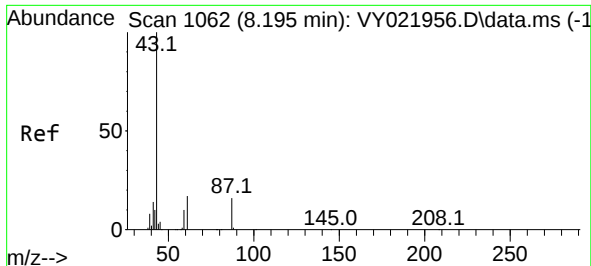


#42
1,2-Dichloroethane
Concen: 47.687 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09



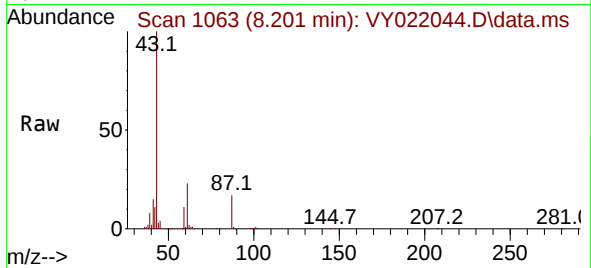
Tgt Ion: 62 Resp: 145912
Ion Ratio Lower Upper
62 100
98 11.0 0.0 22.0





#43
Isopropyl Acetate
Concen: 44.593 ug/l
RT: 8.201 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09

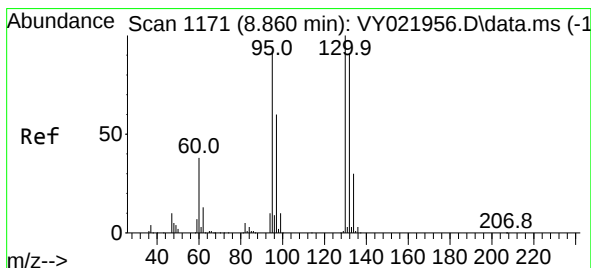
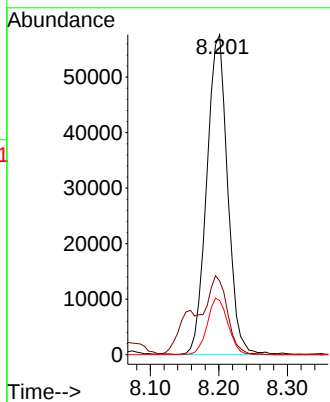
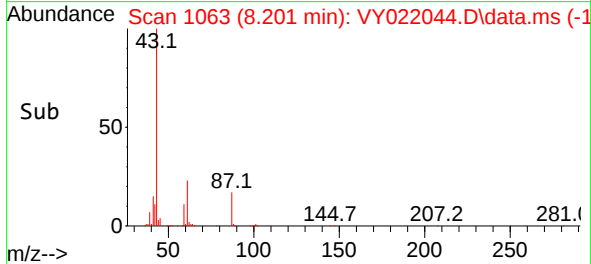
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 121597
Ion Ratio Lower Upper
43 100
61 22.5 18.9 28.3
87 17.5 13.7 20.5

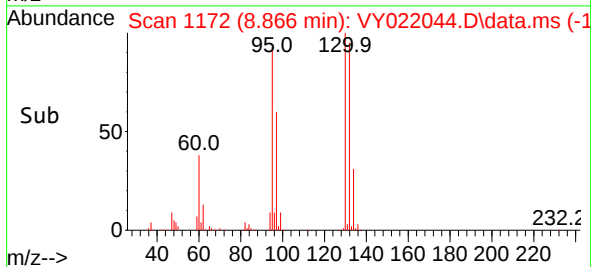
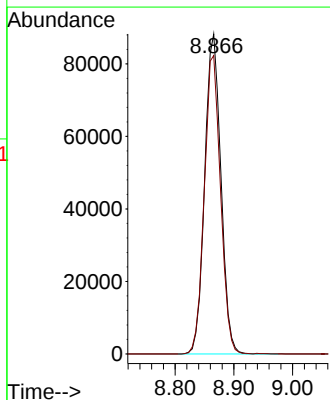
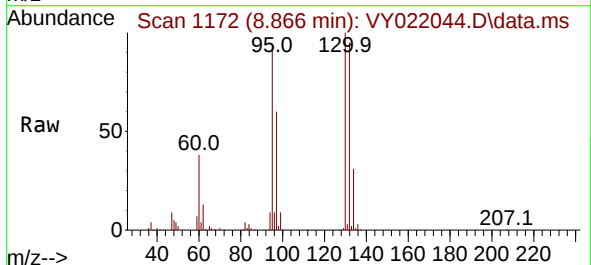
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/29/2025



#44
Trichloroethene
Concen: 49.308 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09

Tgt Ion:130 Resp: 168787
Ion Ratio Lower Upper
130 100
95 93.3 0.0 183.2





#45

1,2-Dichloropropane

Concen: 48.825 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY022044.D

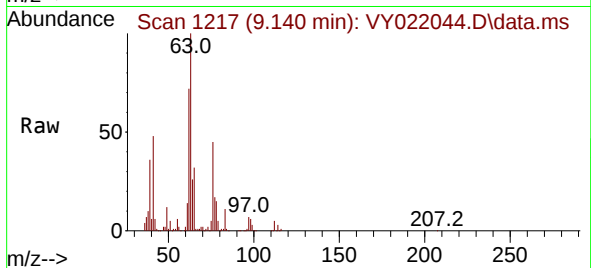
Acq: 28 Apr 2025 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 63 Resp: 13343

Ion Ratio Lower Upper

63 100

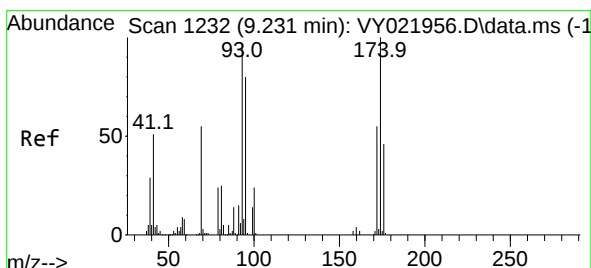
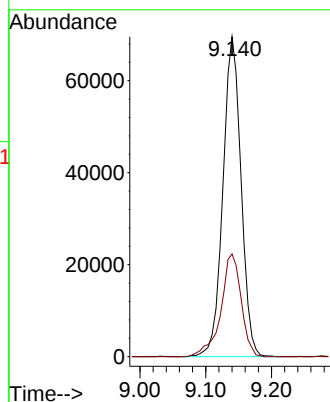
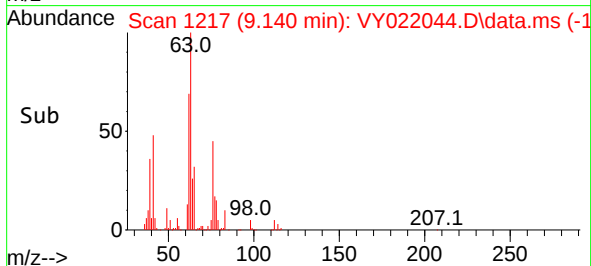
65 32.1 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/29/2025

Supervised By :Mahesh Dadoda 04/29/2025



#46

Dibromomethane

Concen: 48.266 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022044.D

Acq: 28 Apr 2025 20:09

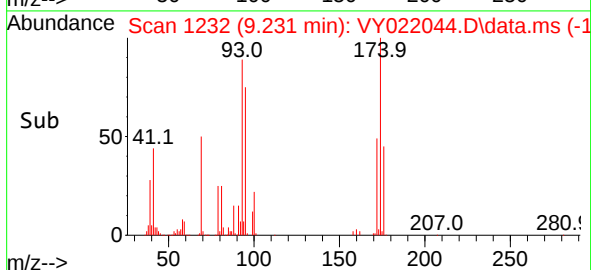
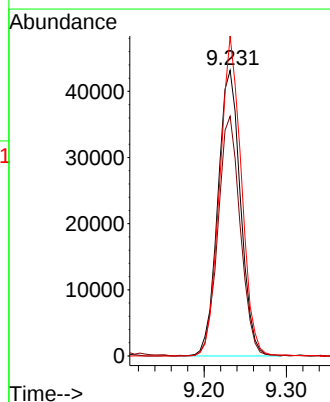
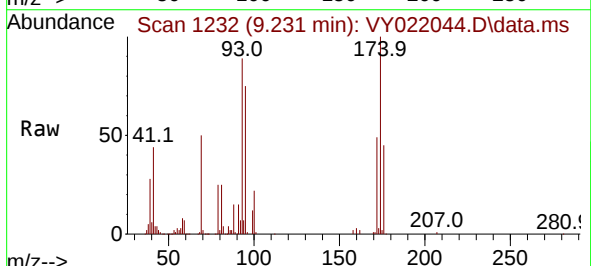
Tgt Ion: 93 Resp: 82575

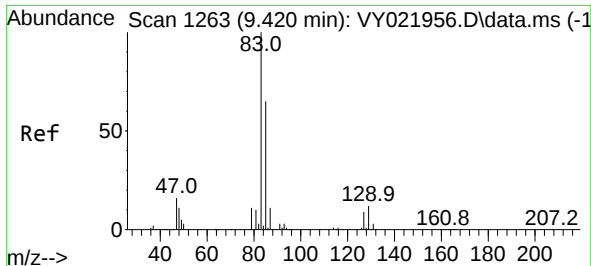
Ion Ratio Lower Upper

93 100

95 82.7 66.7 100.1

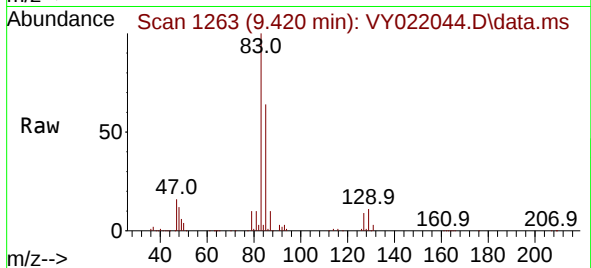
174 107.3 84.6 127.0





#47
Bromodichloromethane
Concen: 50.087 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09

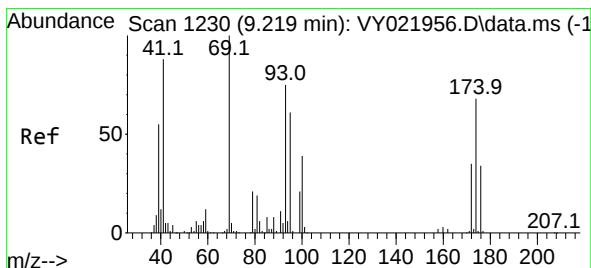
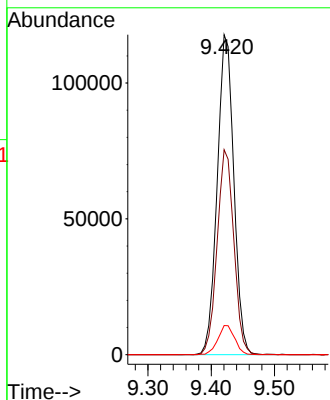
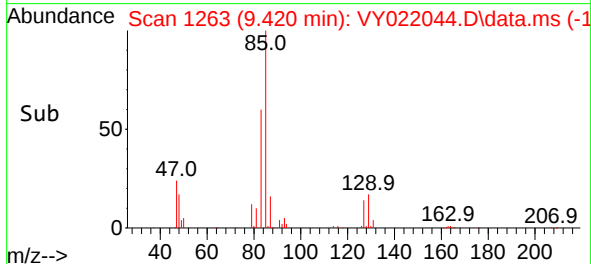
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 214069
Ion Ratio Lower Upper
83 100
85 64.1 51.8 77.8
127 9.1 7.0 10.6

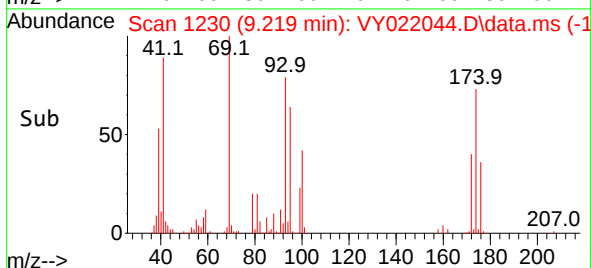
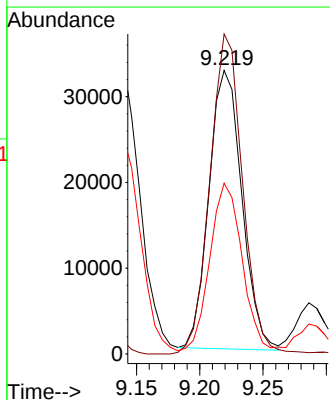
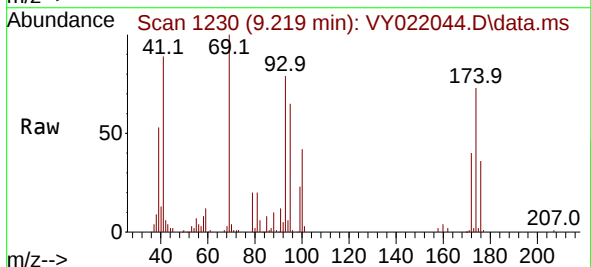
Manual Integrations
APPROVED

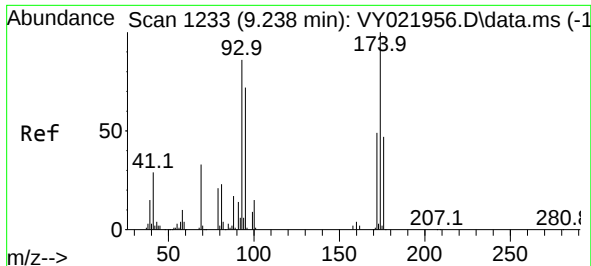
Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/29/2025



#48
Methyl methacrylate
Concen: 46.579 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09

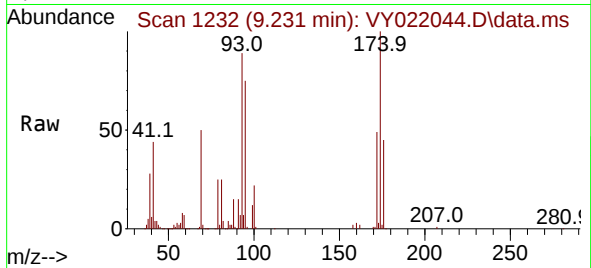
Tgt Ion: 41 Resp: 58715
Ion Ratio Lower Upper
41 100
69 114.4 85.5 128.3
39 58.7 46.2 69.4





#49
1,4-Dioxane
Concen: 950.114 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.006 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09

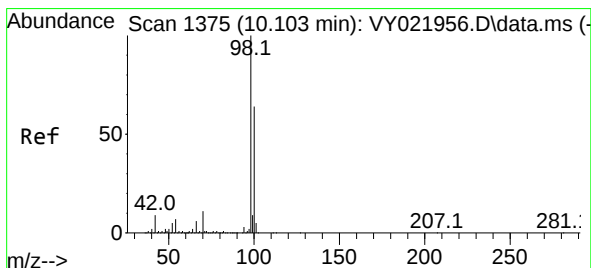
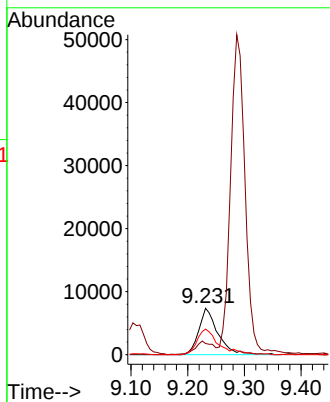
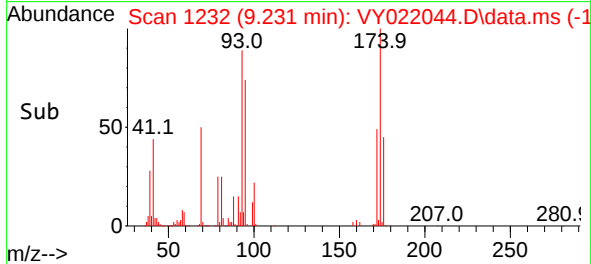
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 1732
Ion Ratio Lower Upper
88 100
43 24.8 21.3 31.9
58 62.2 50.5 75.7

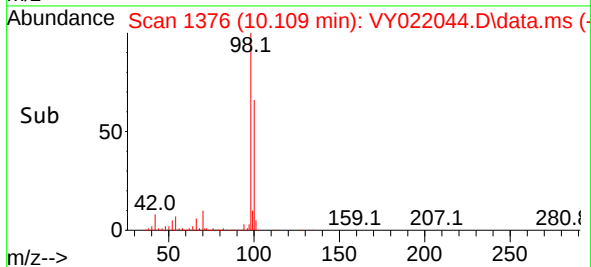
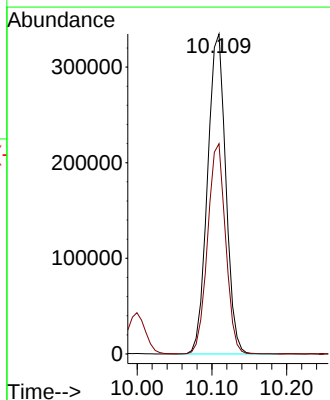
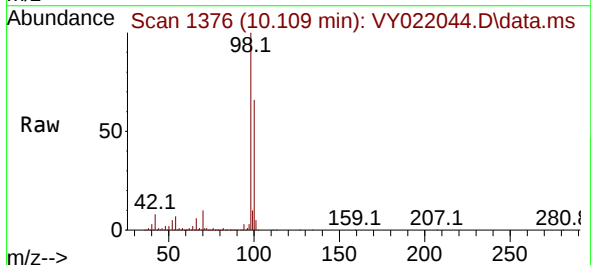
Manual Integrations
APPROVED

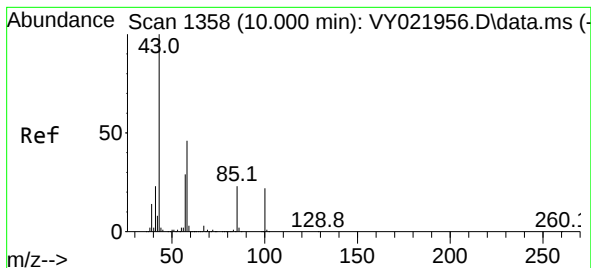
Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/29/2025



#50
Toluene-d8
Concen: 51.149 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09

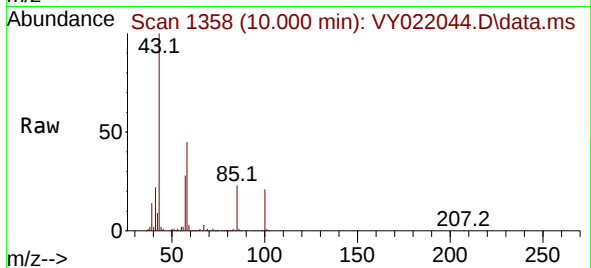
Tgt Ion: 98 Resp: 567537
Ion Ratio Lower Upper
98 100
100 64.8 51.6 77.4





#51
4-Methyl-2-Pentanone
Concen: 236.341 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09

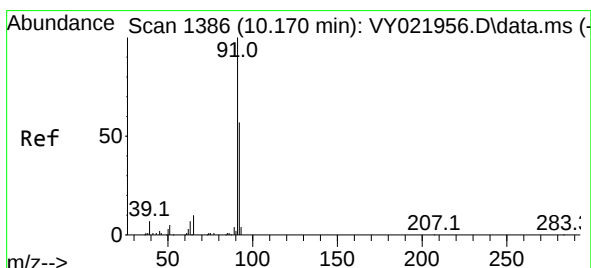
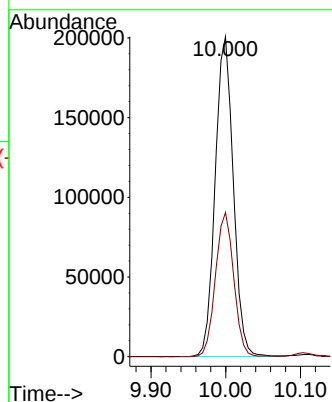
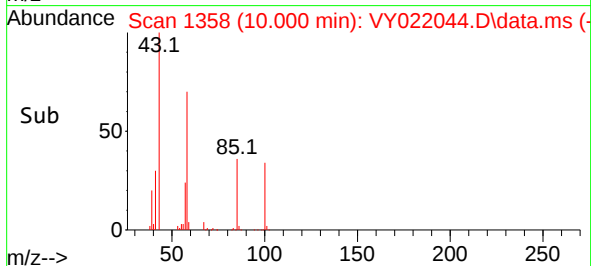
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 337829
Ion Ratio Lower Upper
43 100
58 45.5 36.6 55.0

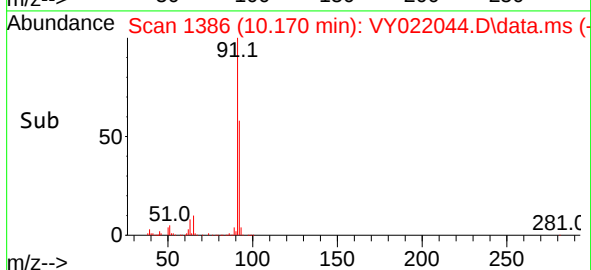
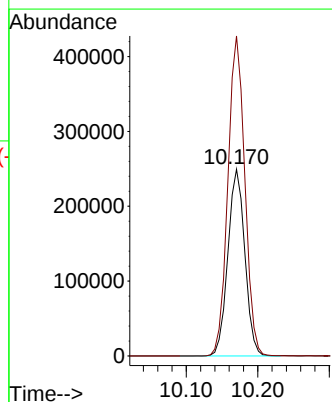
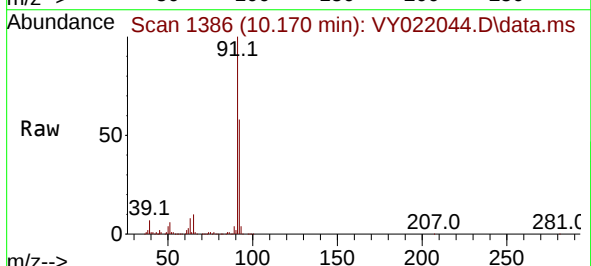
Manual Integrations
APPROVED

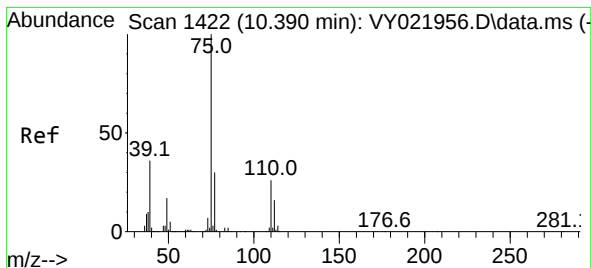
Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/29/2025



#52
Toluene
Concen: 51.236 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09

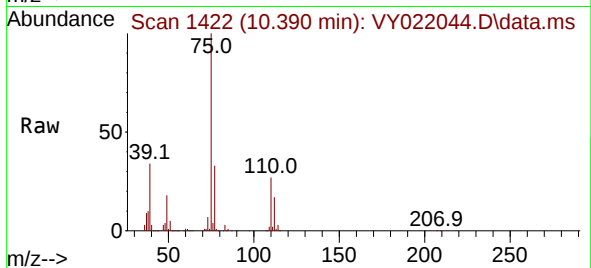
Tgt Ion: 92 Resp: 409873
Ion Ratio Lower Upper
92 100
91 171.6 138.6 207.8





#53
 t-1,3-Dichloropropene
 Concen: 48.294 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VY022044.D
 Acq: 28 Apr 2025 20:09

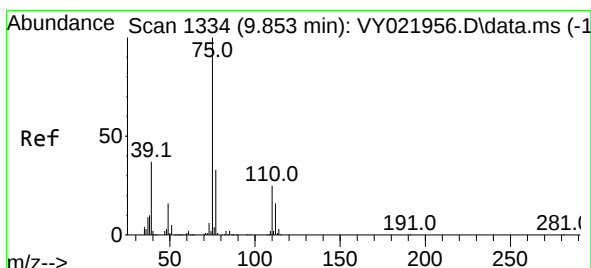
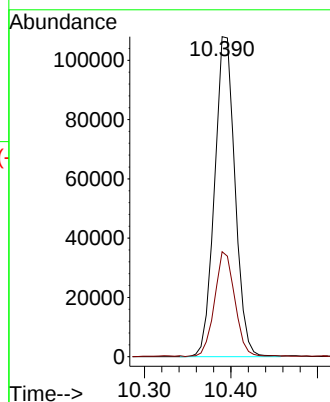
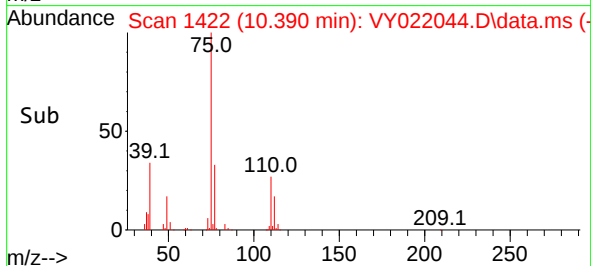
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



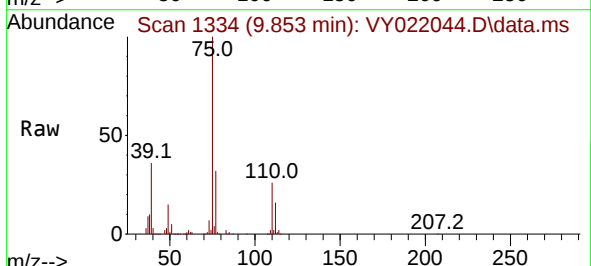
Tgt Ion: 75 Resp: 177042
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.0 36.0

Manual Integrations
 APPROVED

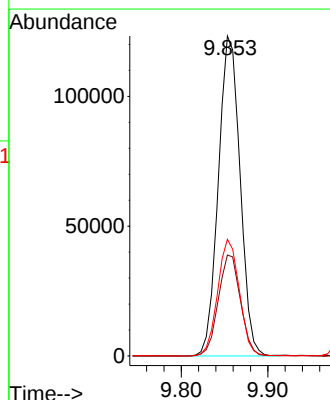
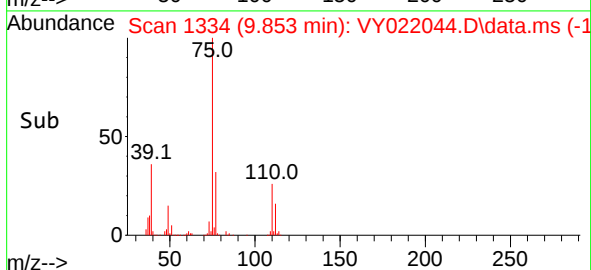
Reviewed By :Semsettin Yesilyurt 04/29/2025
 Supervised By :Mahesh Dadoda 04/29/2025

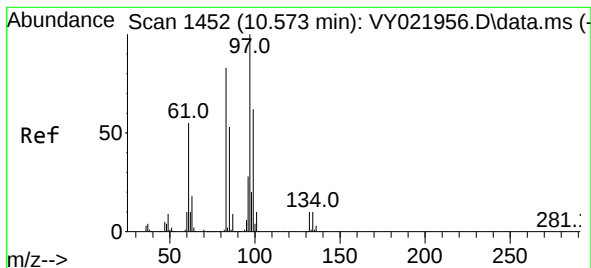


#54
 cis-1,3-Dichloropropene
 Concen: 49.301 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY022044.D
 Acq: 28 Apr 2025 20:09



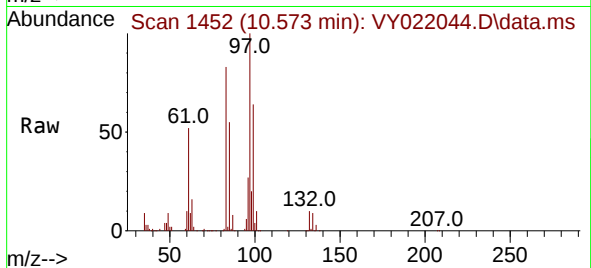
Tgt Ion: 75 Resp: 214843
 Ion Ratio Lower Upper
 75 100
 77 31.6 26.6 40.0
 39 36.4 29.6 44.4





#55
1,1,2-Trichloroethane
Concen: 48.980 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09

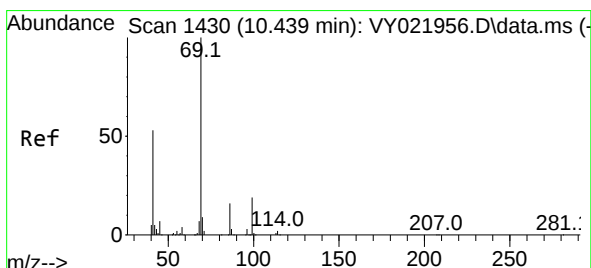
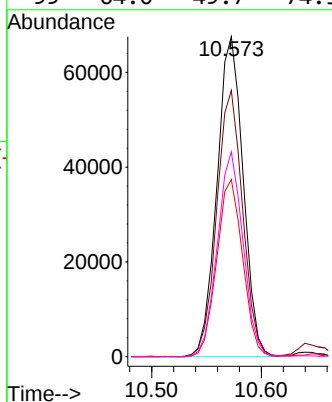
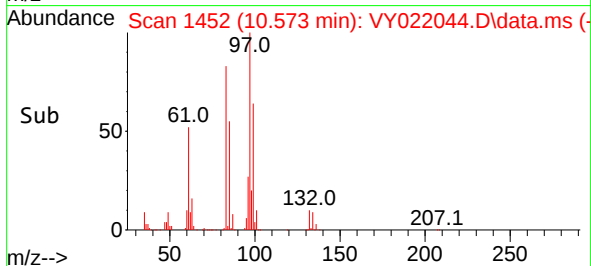
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



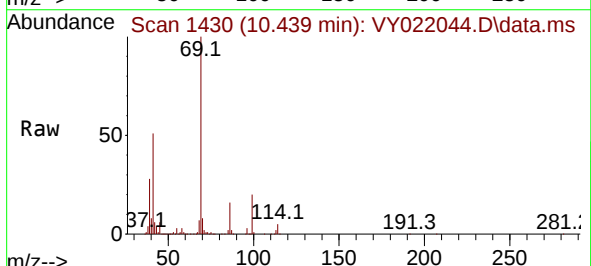
Tgt Ion: 97 Resp: 111933
Ion Ratio Lower Upper
97 100
83 83.2 66.7 100.1
85 55.4 42.6 64.0
99 64.0 49.7 74.5

Manual Integrations
APPROVED

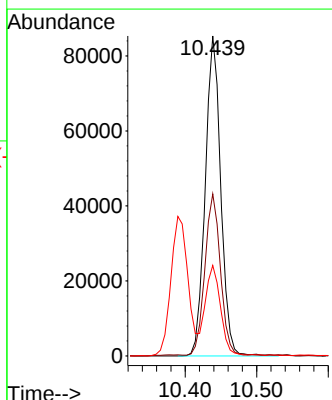
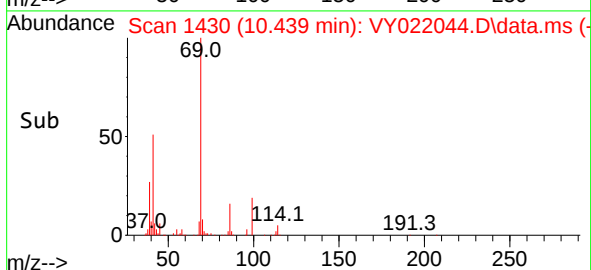
Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/29/2025

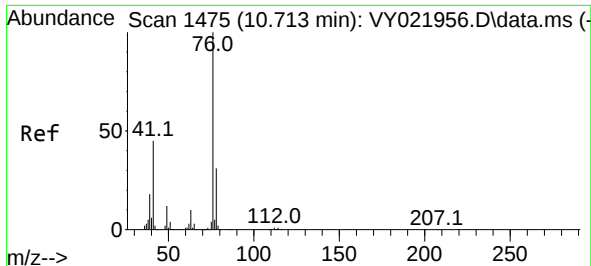


#56
Ethyl methacrylate
Concen: 49.169 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09



Tgt Ion: 69 Resp: 128496
Ion Ratio Lower Upper
69 100
41 50.4 40.7 61.1
39 28.2 23.3 34.9





#57

1,3-Dichloropropane

Concen: 48.734 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY022044.D

Acq: 28 Apr 2025 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 178540

Ion Ratio Lower Upper

76 100

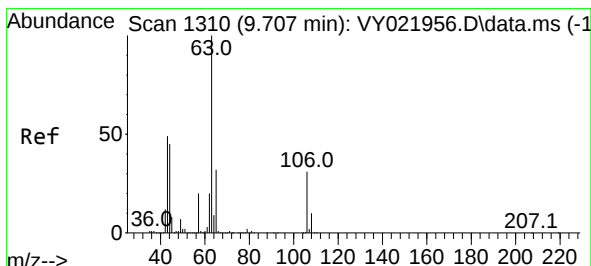
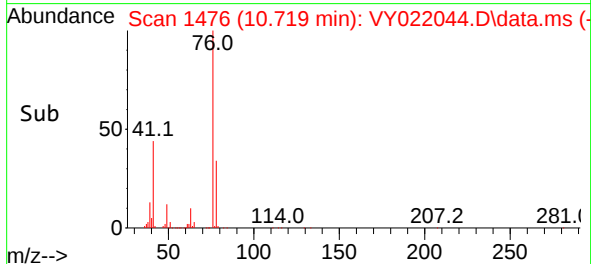
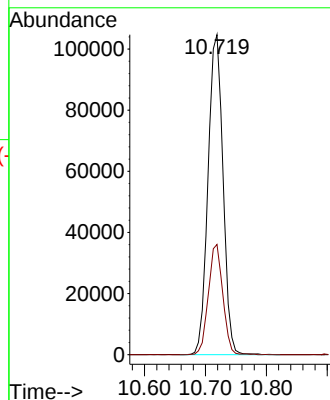
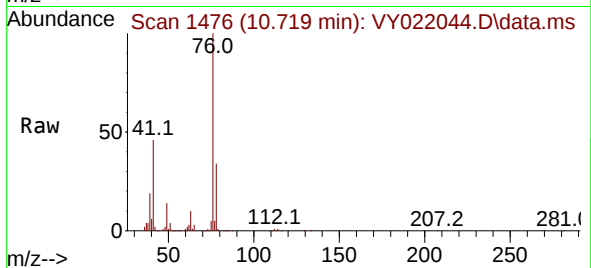
78 33.3 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/29/2025

Supervised By :Mahesh Dadoda 04/29/2025



#58

2-Chloroethyl Vinyl ether

Concen: 253.010 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VY022044.D

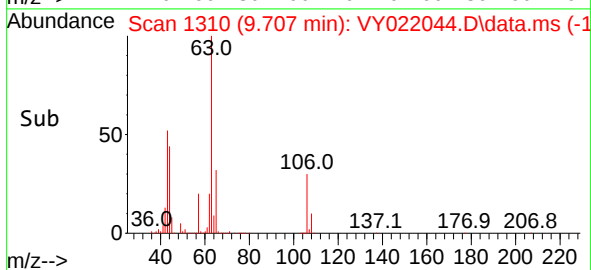
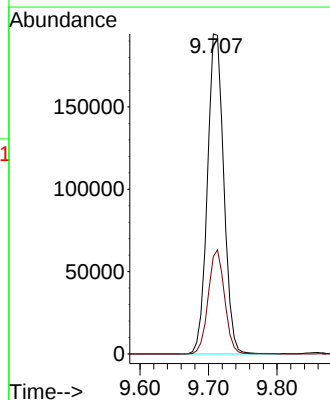
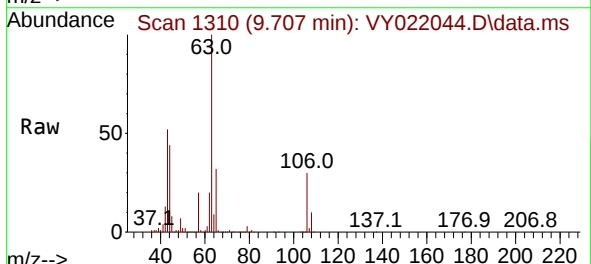
Acq: 28 Apr 2025 20:09

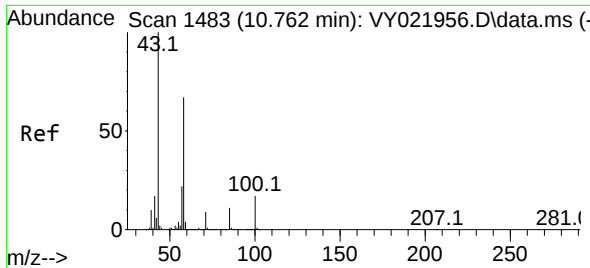
Tgt Ion: 63 Resp: 323283

Ion Ratio Lower Upper

63 100

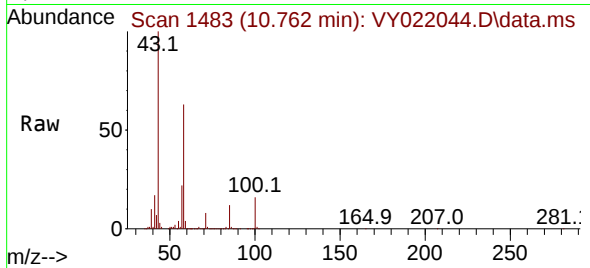
106 32.3 25.3 37.9





#59
2-Hexanone
Concen: 234.839 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09

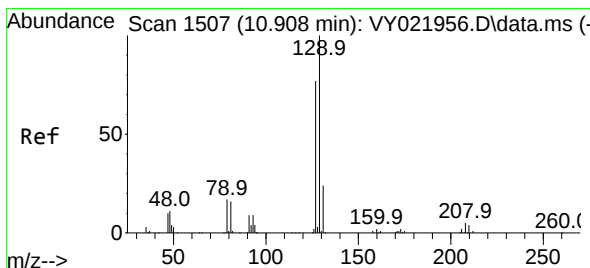
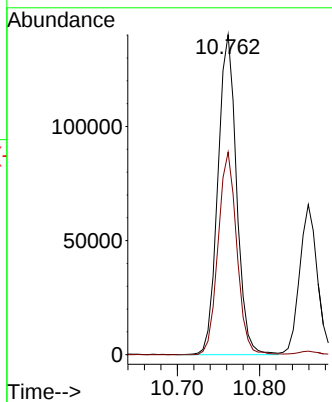
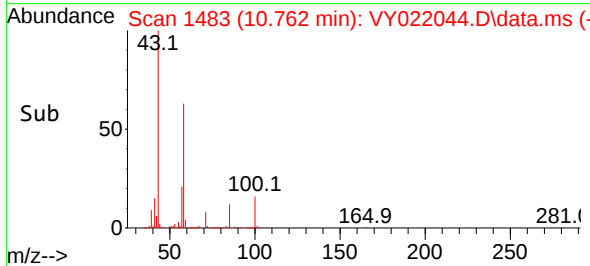
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



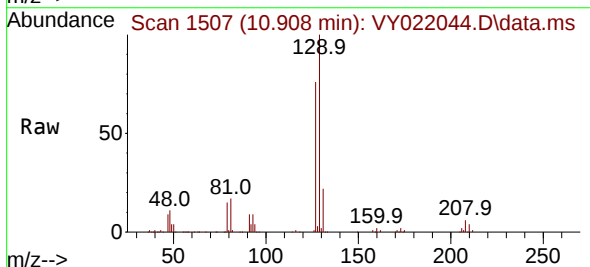
Tgt Ion: 43 Resp: 221410
Ion Ratio Lower Upper
43 100
58 63.2 32.0 96.0

Manual Integrations
APPROVED

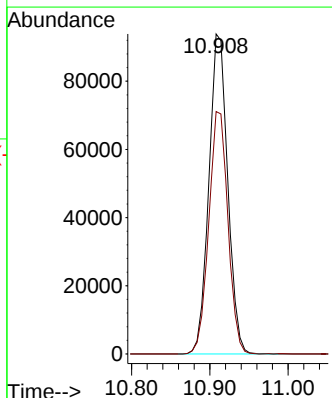
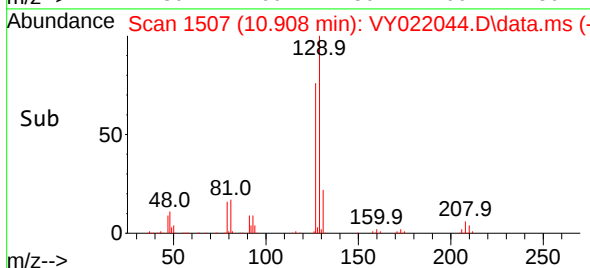
Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/29/2025

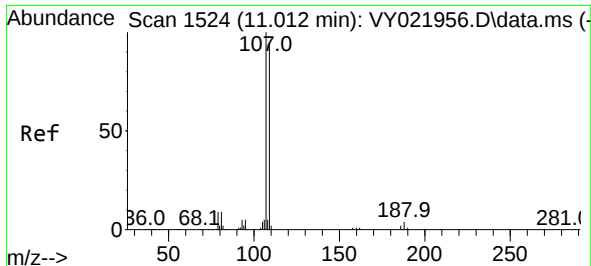


#60
Dibromochloromethane
Concen: 49.500 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09



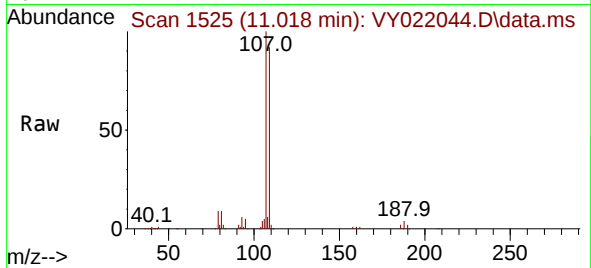
Tgt Ion:129 Resp: 156616
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.3





#61
1,2-Dibromoethane
Concen: 48.630 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09

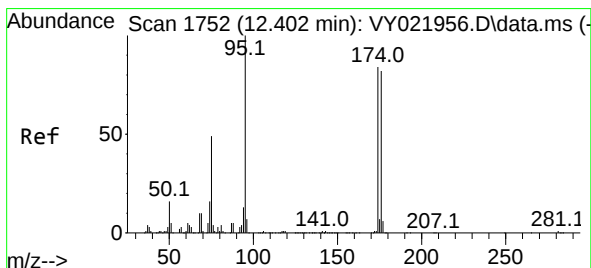
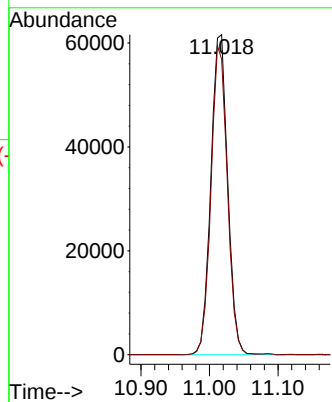
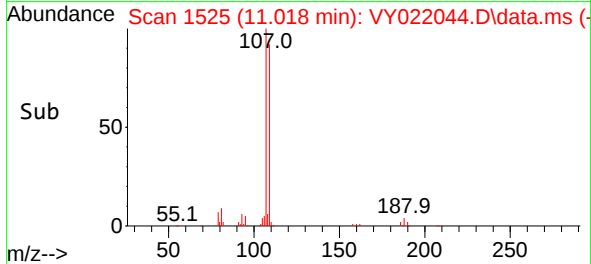
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



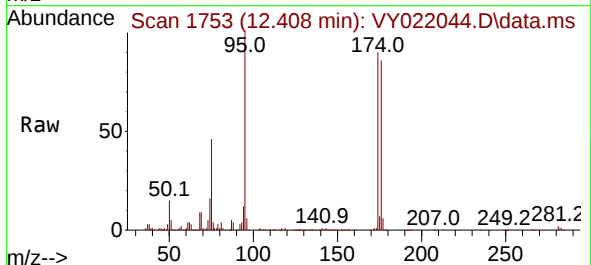
Tgt Ion:107 Resp: 10491
Ion Ratio Lower Upper
107 100
109 93.8 75.8 113.8

Manual Integrations
APPROVED

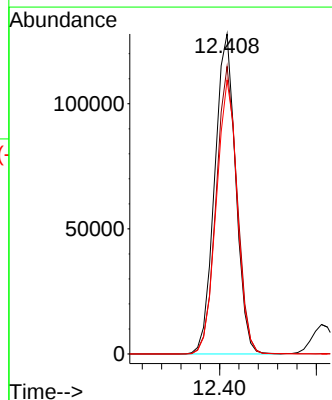
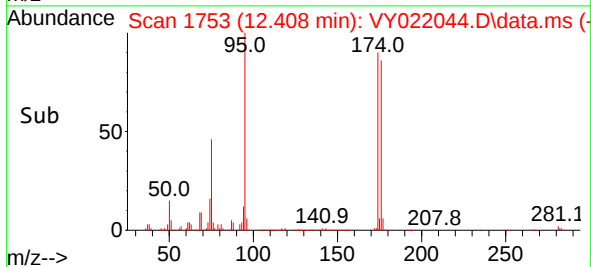
Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/29/2025

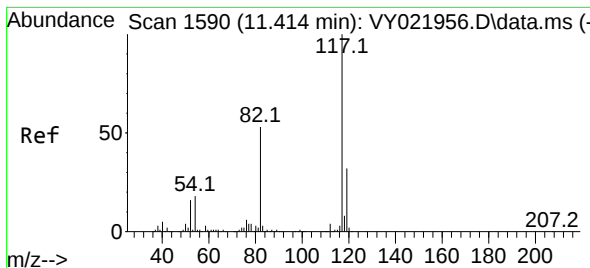


#62
4-Bromofluorobenzene
Concen: 51.649 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09



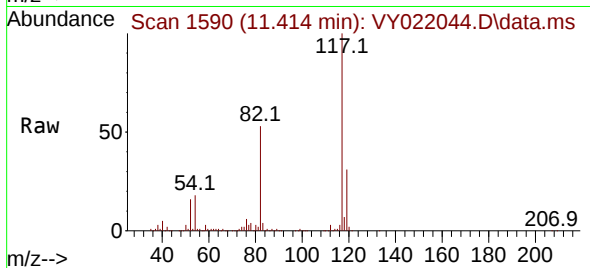
Tgt Ion: 95 Resp: 192923
Ion Ratio Lower Upper
95 100
174 89.6 0.0 179.0
176 85.6 0.0 171.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11590
Delta R.T. 0.000 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09

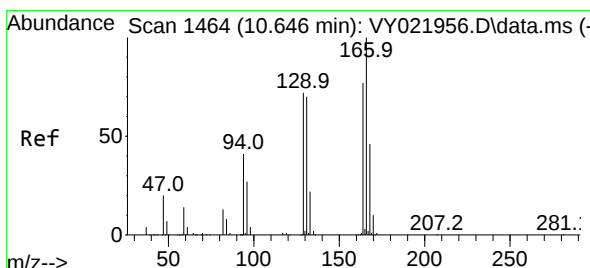
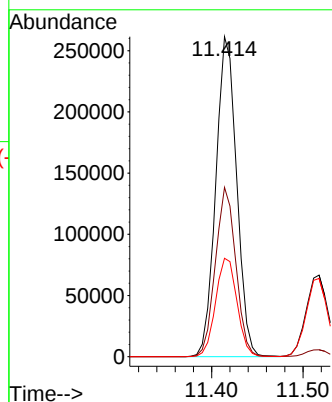
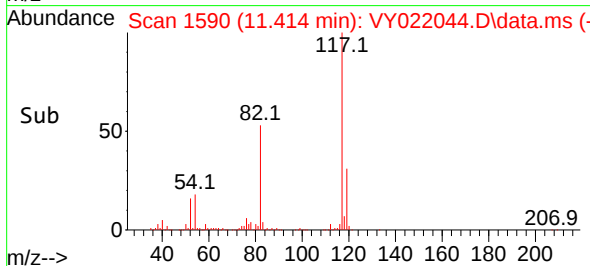
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



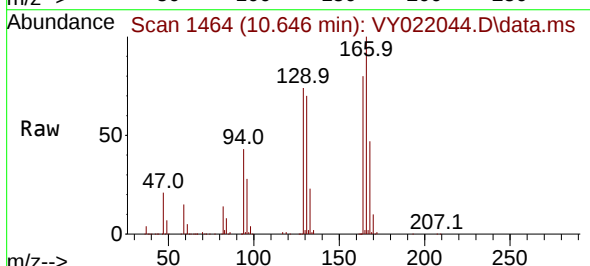
Tgt Ion:117 Resp: 415349
Ion Ratio Lower Upper
117 100
82 52.9 42.1 63.1
119 30.8 25.7 38.5

Manual Integrations
APPROVED

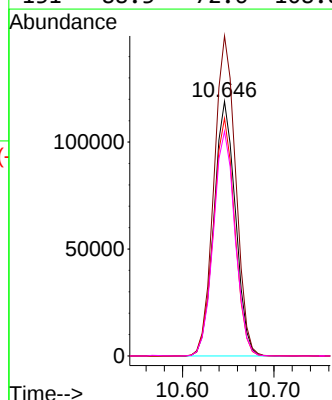
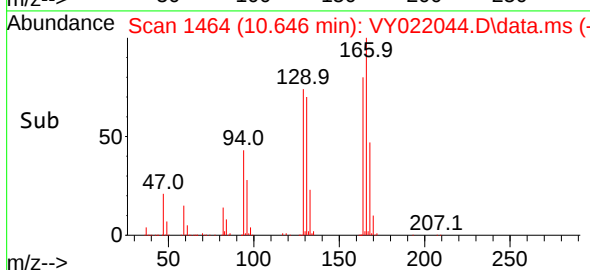
Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/29/2025

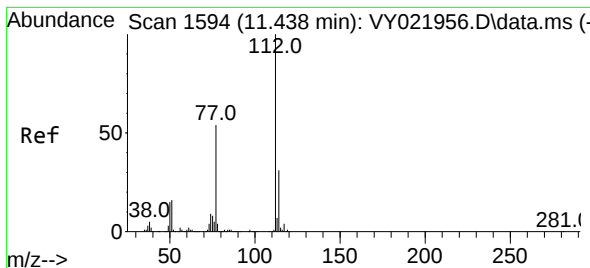


#64
Tetrachloroethene
Concen: 49.658 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09



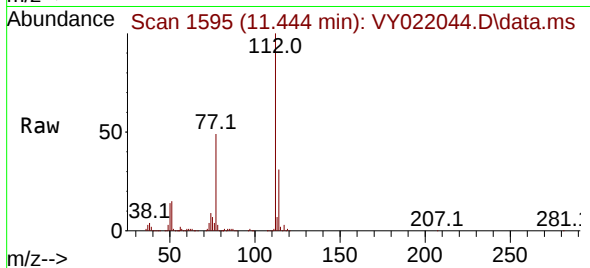
Tgt Ion:164 Resp: 194574
Ion Ratio Lower Upper
164 100
166 125.7 103.6 155.4
129 93.3 74.2 111.4
131 88.3 72.6 108.8





#65
Chlorobenzene
Concen: 48.610 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.006 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09

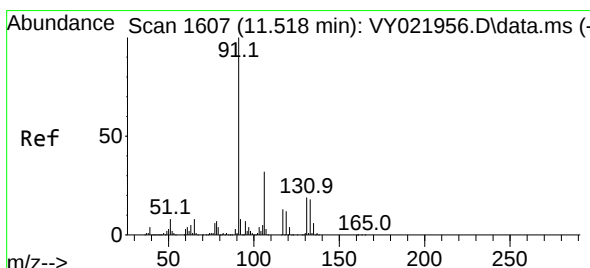
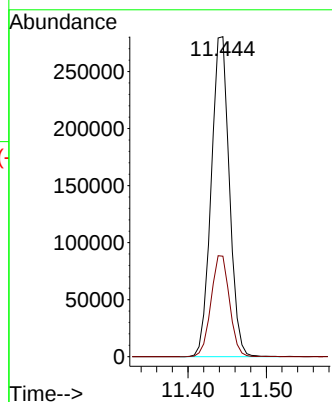
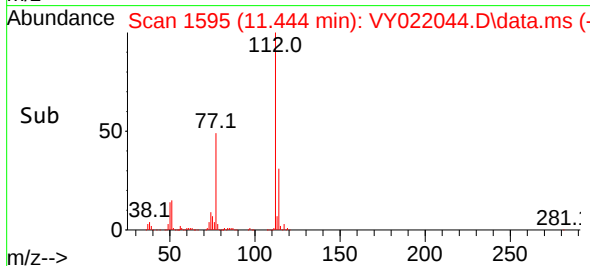
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



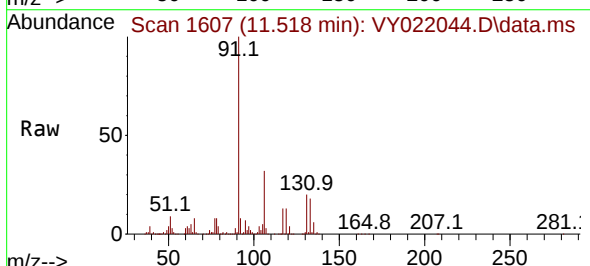
Tgt Ion:112 Resp: 451499
Ion Ratio Lower Upper
112 100
114 31.4 25.0 37.4

Manual Integrations
APPROVED

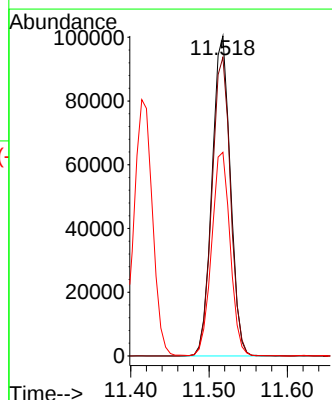
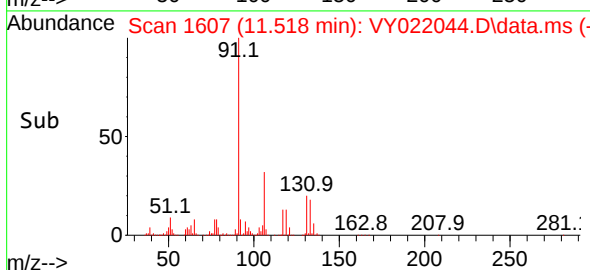
Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/29/2025

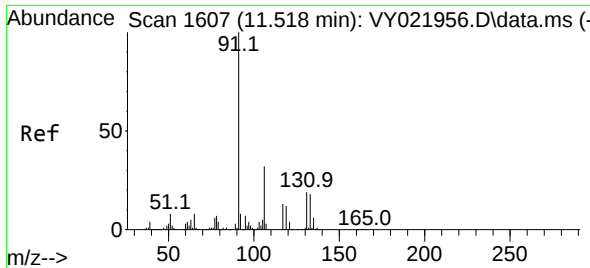


#66
1,1,1,2-Tetrachloroethane
Concen: 49.809 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09



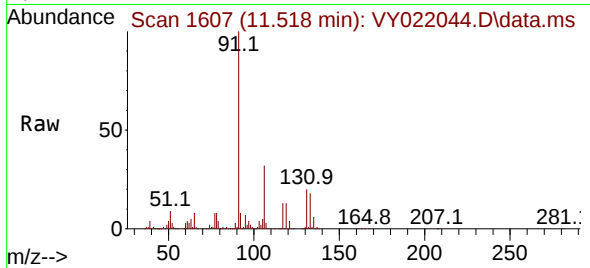
Tgt Ion:131 Resp: 162874
Ion Ratio Lower Upper
131 100
133 94.6 47.8 143.3
119 64.6 32.4 97.0





#67
Ethyl Benzene
Concen: 50.637 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09

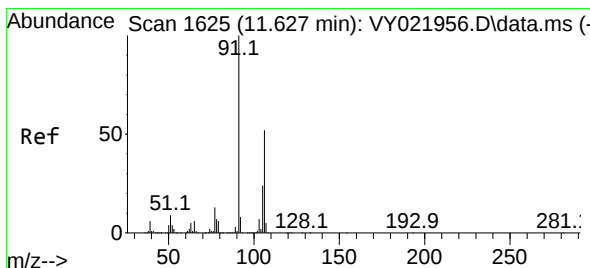
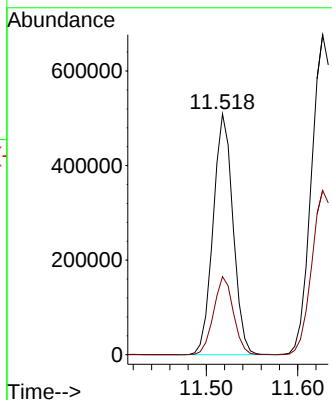
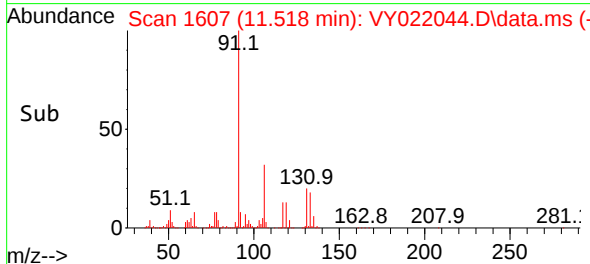
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



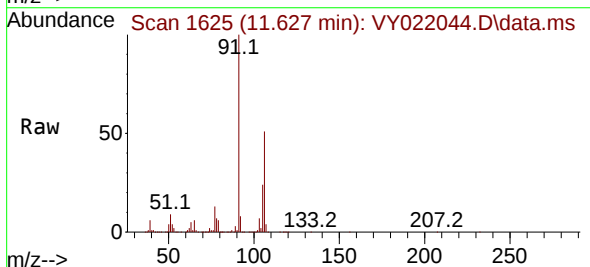
Tgt Ion: 91 Resp: 769389
Ion Ratio Lower Upper
91 100
106 32.4 25.9 38.9

Manual Integrations
APPROVED

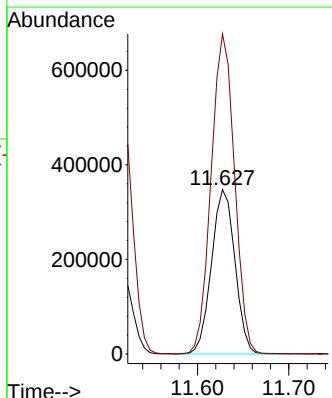
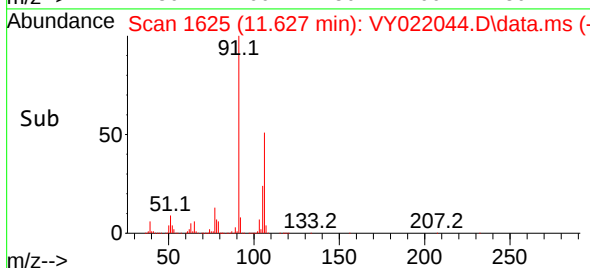
Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/29/2025

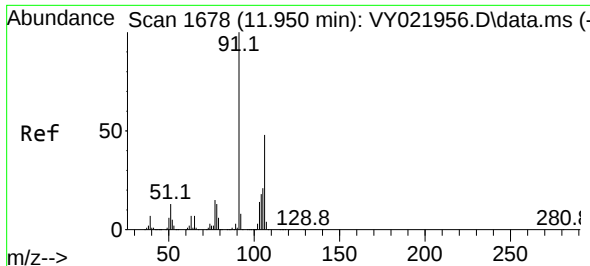


#68
m/p-Xylenes
Concen: 102.316 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09



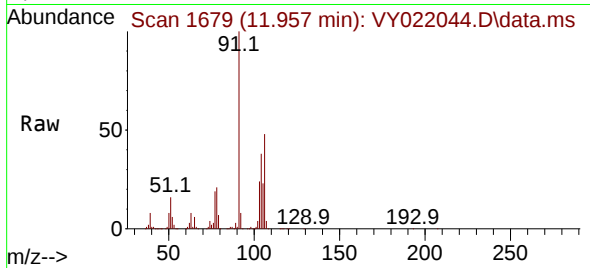
Tgt Ion:106 Resp: 618613
Ion Ratio Lower Upper
106 100
91 194.7 156.2 234.2





#69
o-Xylene
Concen: 51.160 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09

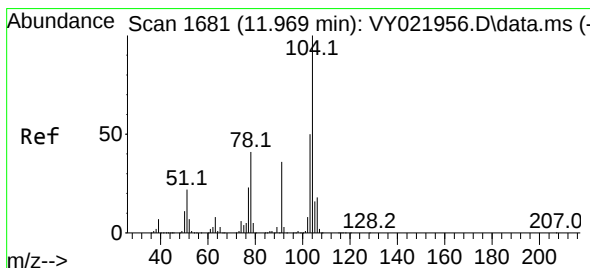
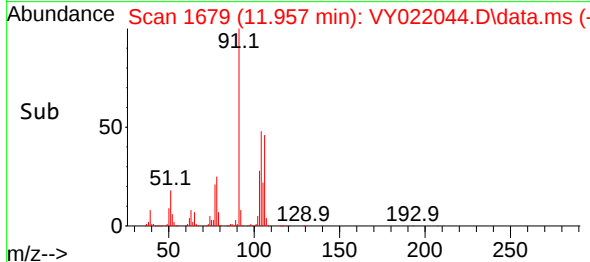
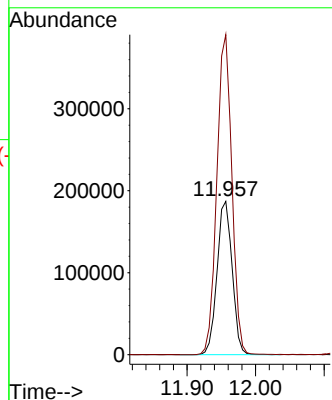
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 285095
Ion Ratio Lower Upper
106 100
91 207.9 103.0 308.9

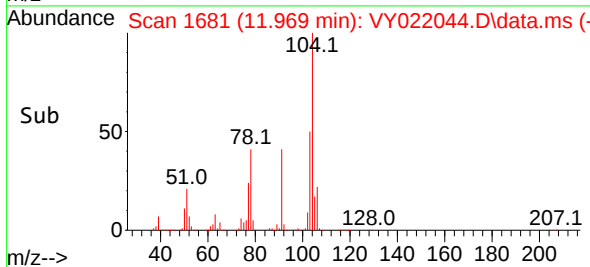
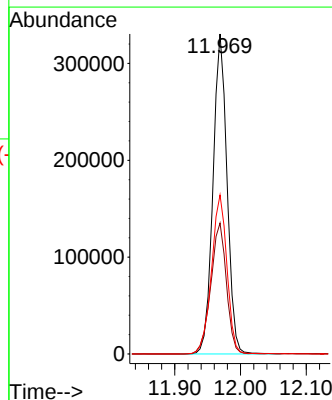
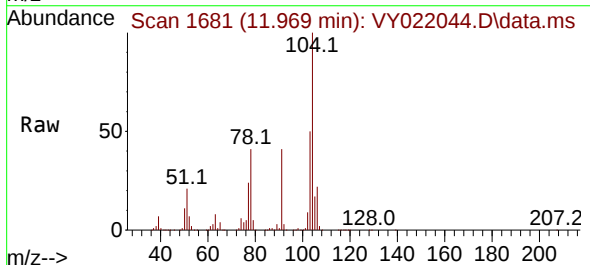
Manual Integrations
APPROVED

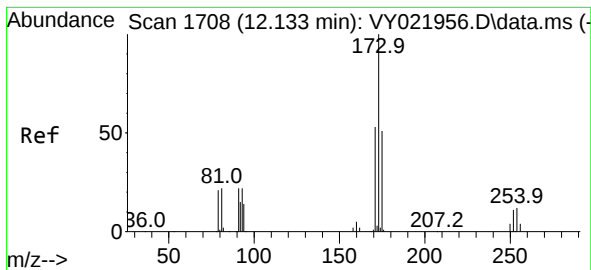
Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/29/2025



#70
Styrene
Concen: 52.522 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09

Tgt Ion:104 Resp: 491426
Ion Ratio Lower Upper
104 100
78 45.5 36.6 54.8
103 54.5 43.8 65.8





#71

Bromoform

Concen: 47.467 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022044.D

Acq: 28 Apr 2025 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 9024

Ion Ratio Lower Upper

173 100

175 48.6 24.3 72.8

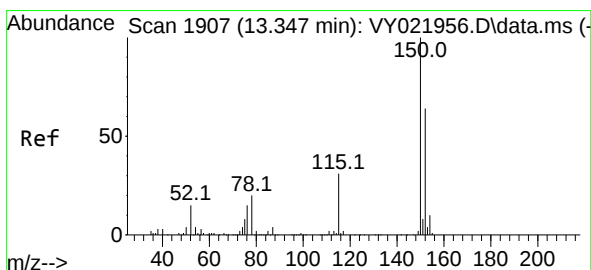
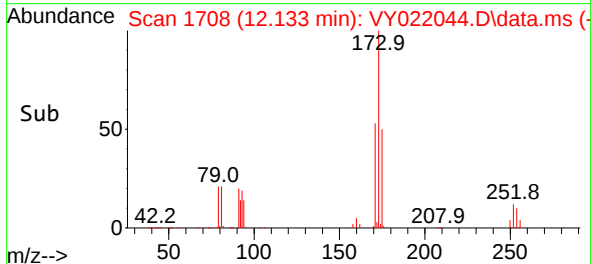
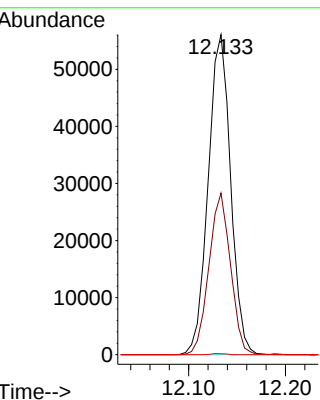
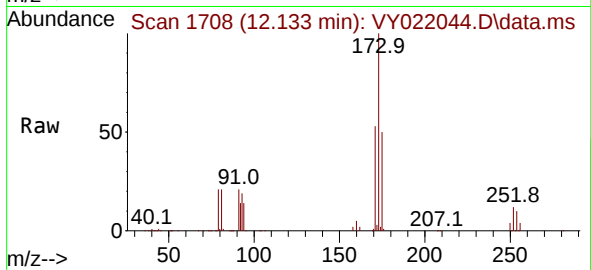
254 0.2 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/29/2025

Supervised By :Mahesh Dadoda 04/29/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY022044.D

Acq: 28 Apr 2025 20:09

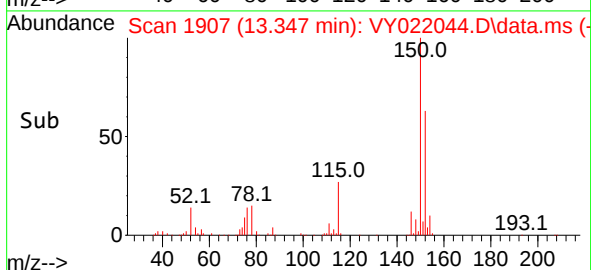
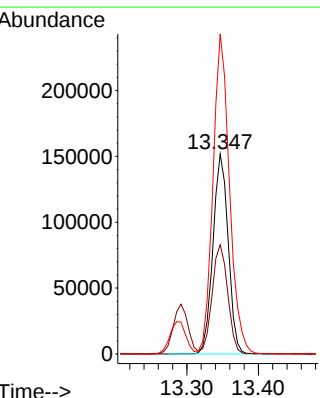
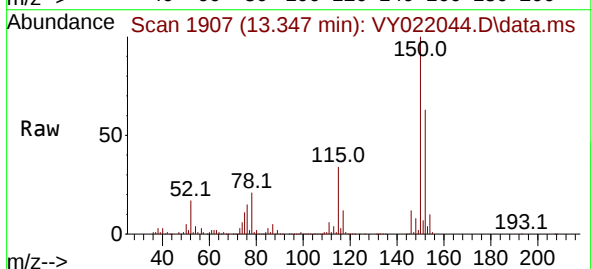
Tgt Ion:152 Resp: 224902

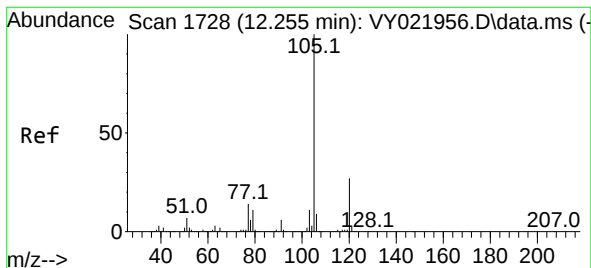
Ion Ratio Lower Upper

152 100

115 55.6 28.0 84.0

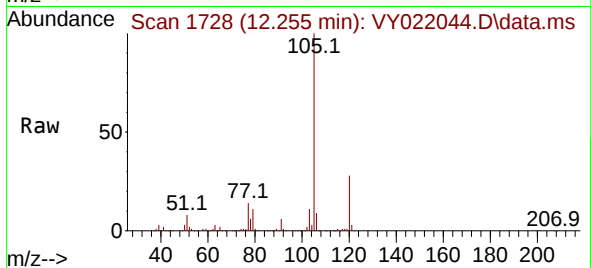
150 173.3 0.0 345.6





#73
Isopropylbenzene
Concen: 49.401 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09

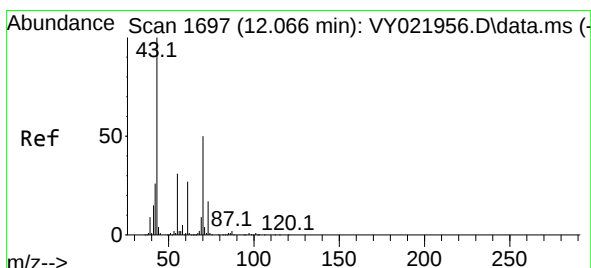
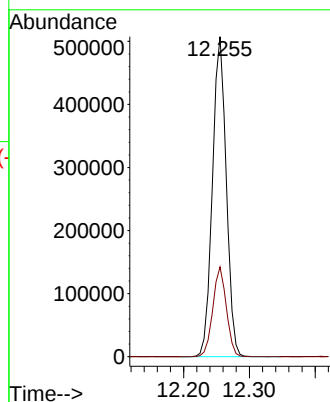
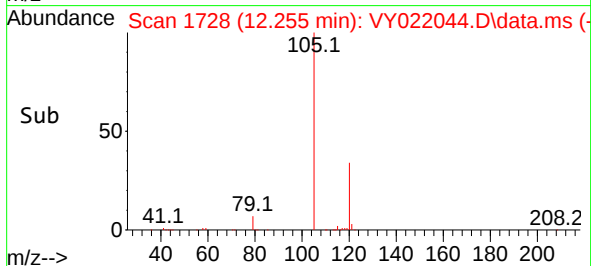
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 742285
Ion Ratio Lower Upper
105 100
120 27.4 13.5 40.5

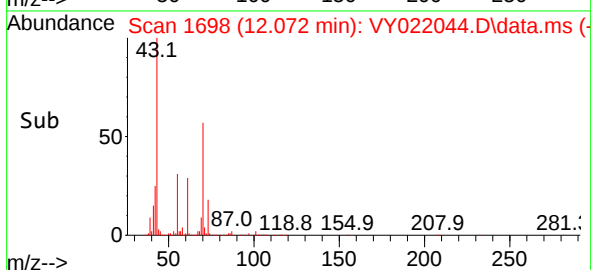
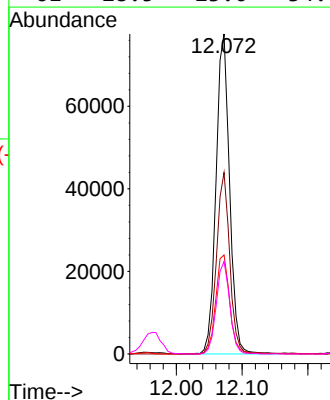
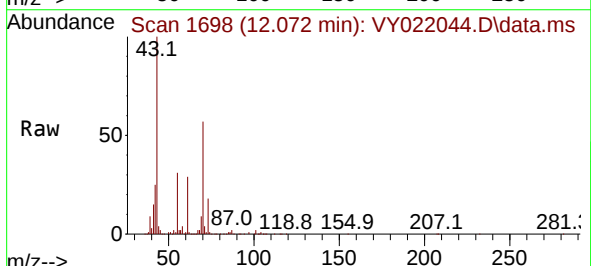
Manual Integrations
APPROVED

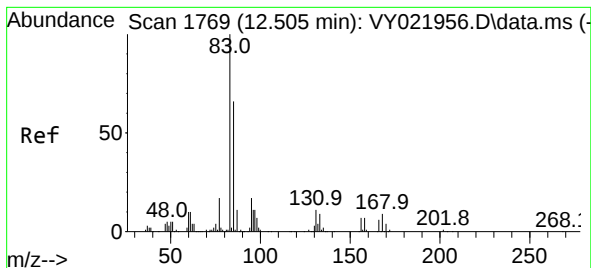
Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/29/2025



#74
N-ethyl acetate
Concen: 43.140 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09

Tgt Ion: 43 Resp: 111370
Ion Ratio Lower Upper
43 100
70 55.6 43.2 64.8
55 31.7 25.7 38.5
61 28.5 23.0 34.6





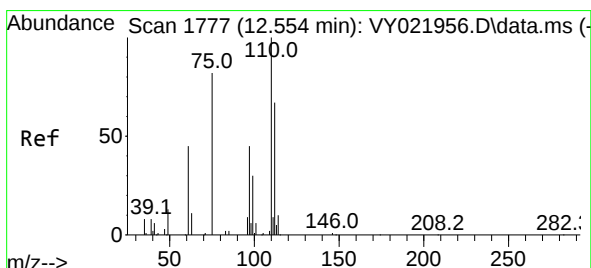
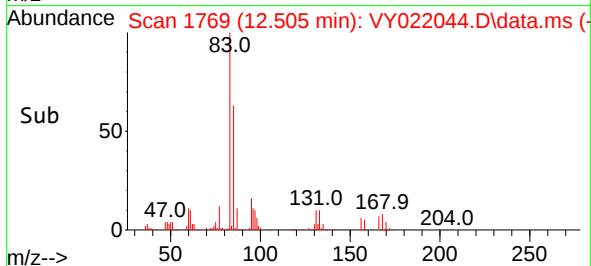
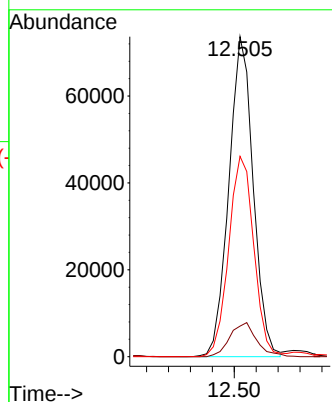
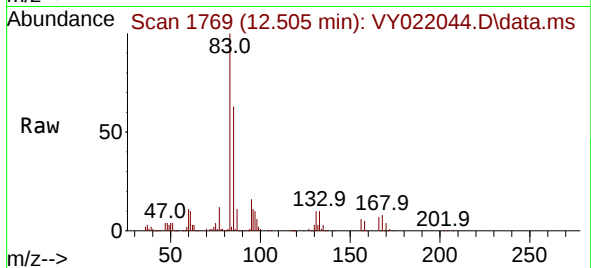
#75
1,1,2,2-Tetrachloroethane
Concen: 44.792 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 11347
Ion Ratio Lower Upper
83 100
131 11.7 5.5 16.4
85 64.8 32.3 96.8

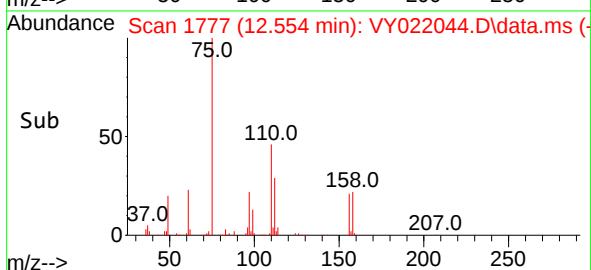
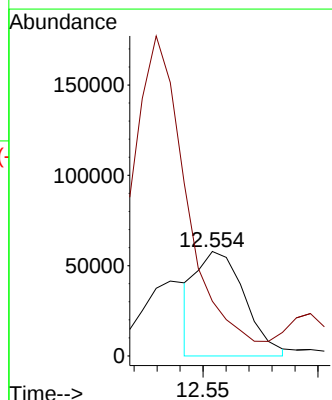
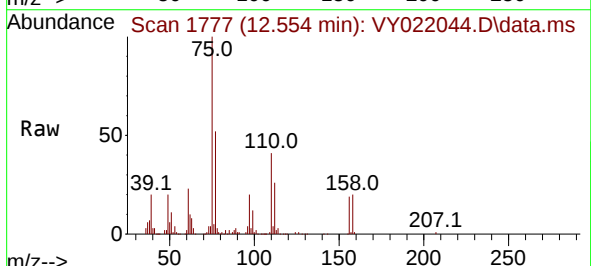
Manual Integrations
APPROVED

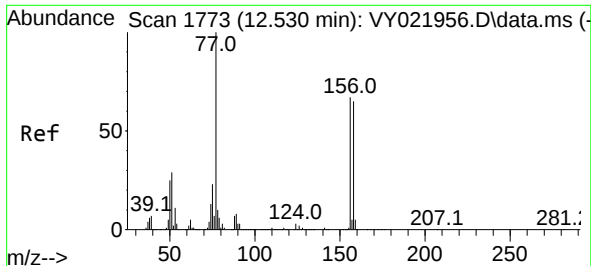
Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/29/2025



#76
1,2,3-Trichloropropane
Concen: 43.798 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09

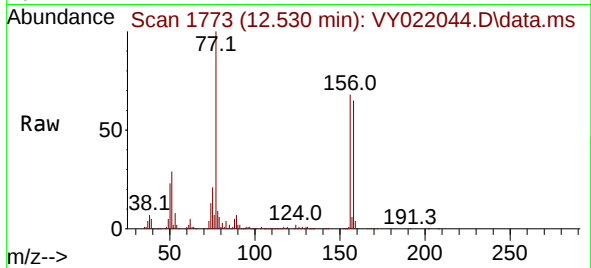
Tgt Ion: 75 Resp: 84372
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 48.425 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09

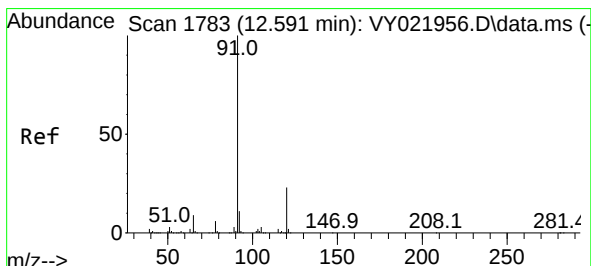
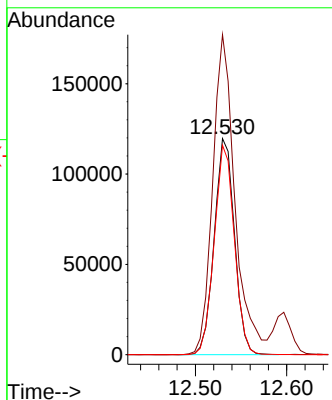
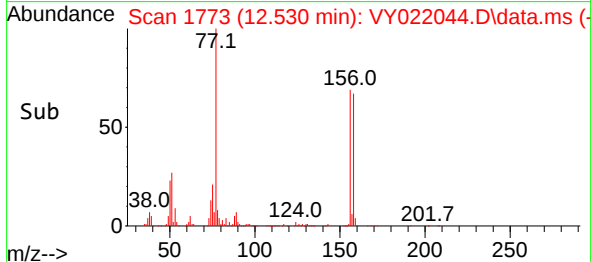
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



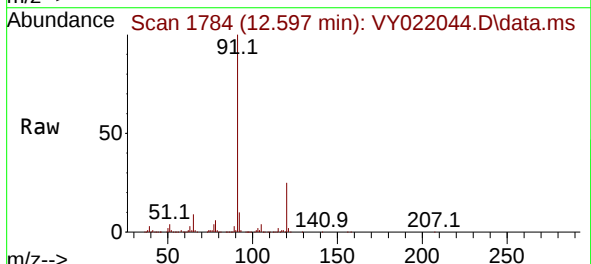
Tgt Ion:156 Resp: 18385
Ion Ratio Lower Upper
156 100
77 163.0 82.7 248.1
158 96.7 48.1 144.4

Manual Integrations
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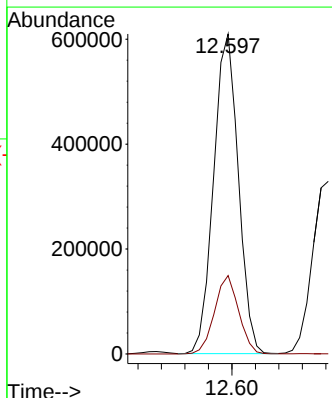
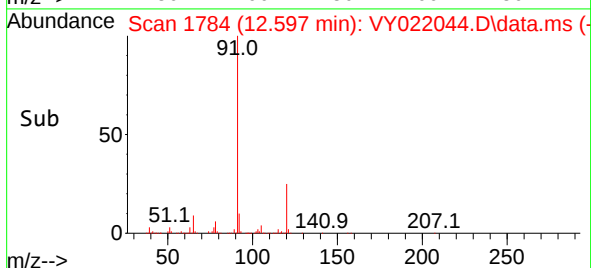
Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/29/2025

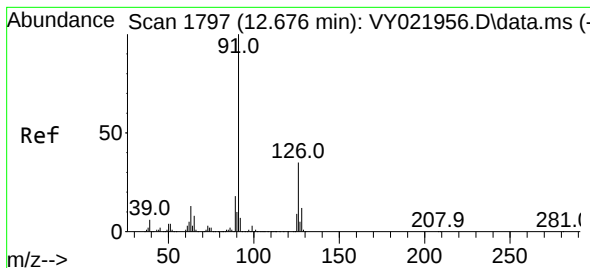


#78
n-propylbenzene
Concen: 49.746 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09



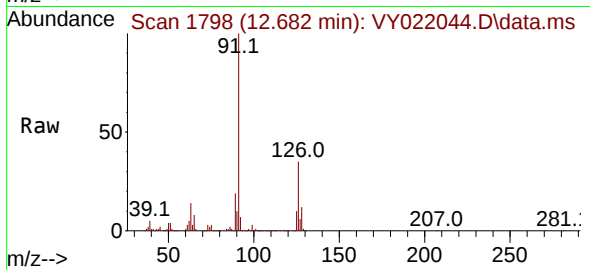
Tgt Ion: 91 Resp: 890155
Ion Ratio Lower Upper
91 100
120 23.9 11.9 35.5





#79
2-Chlorotoluene
Concen: 48.849 ug/l
RT: 12.682 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09

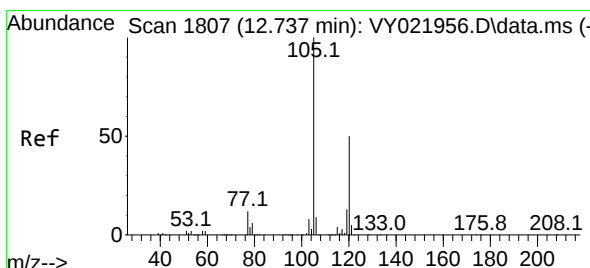
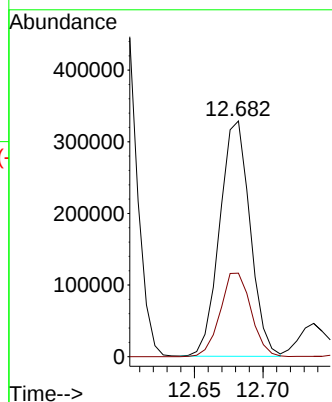
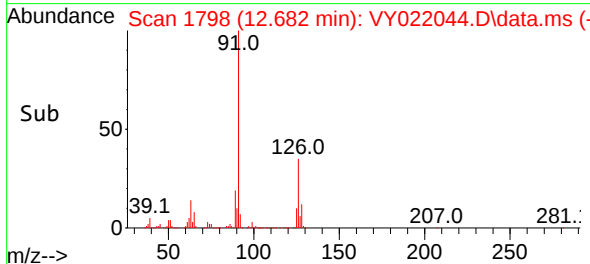
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



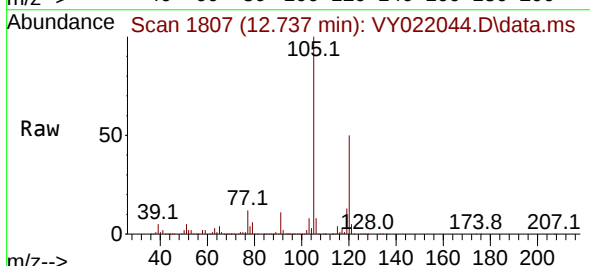
Tgt Ion: 91 Resp: 508349
Ion Ratio Lower Upper
91 100
126 36.0 17.9 53.8

Manual Integrations
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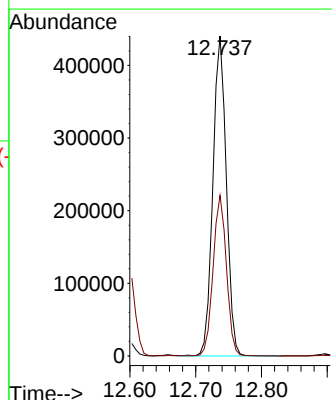
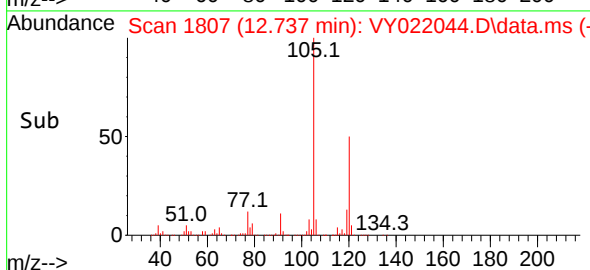
Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/29/2025

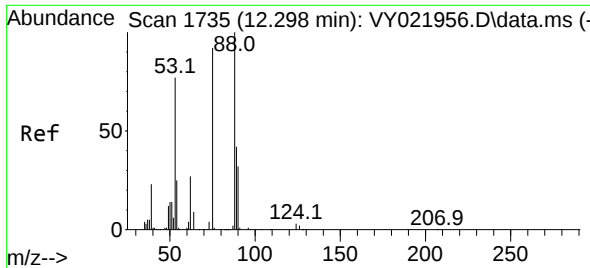


#80
1,3,5-Trimethylbenzene
Concen: 50.540 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09



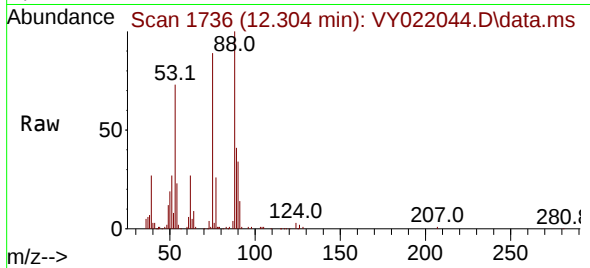
Tgt Ion:105 Resp: 625706
Ion Ratio Lower Upper
105 100
120 49.9 25.0 75.0





#81
trans-1,4-Dichloro-2-butene
Concen: 43.477 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09

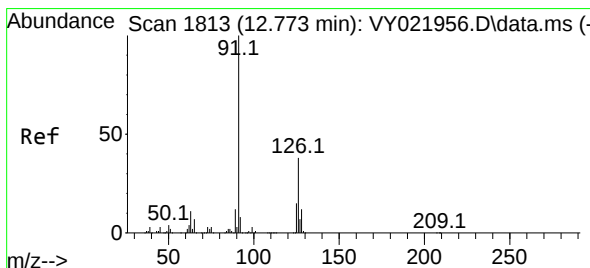
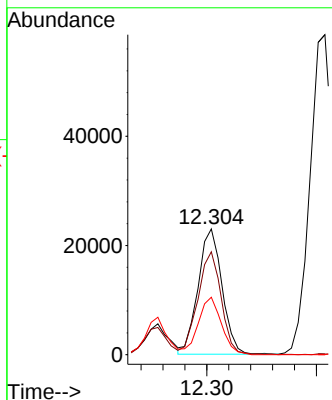
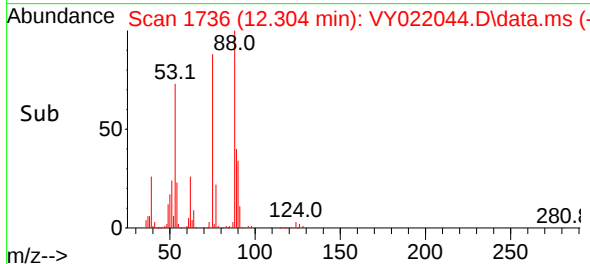
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 34779
Ion Ratio Lower Upper
75 100
53 80.7 66.0 99.0
89 44.6 37.2 55.8

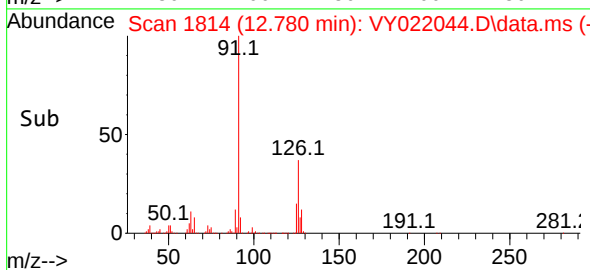
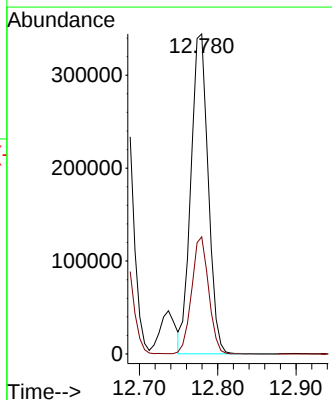
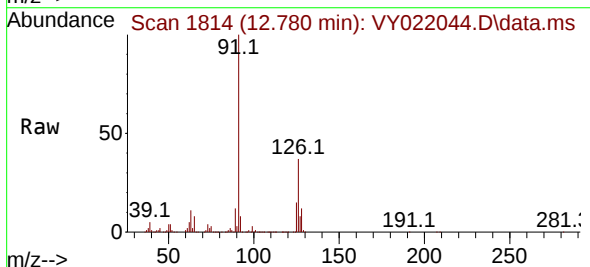
Manual Integrations
APPROVED

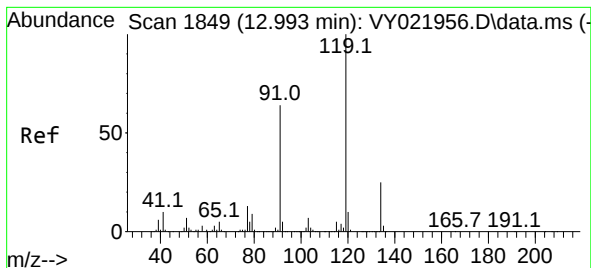
Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/29/2025



#82
4-Chlorotoluene
Concen: 48.866 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09

Tgt Ion: 91 Resp: 528622
Ion Ratio Lower Upper
91 100
126 36.1 17.9 53.8





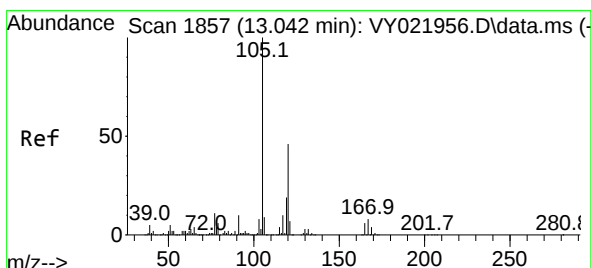
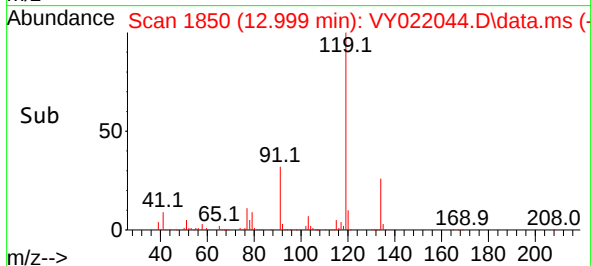
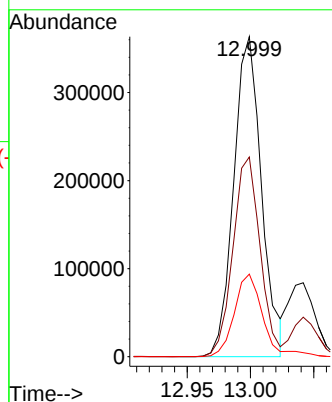
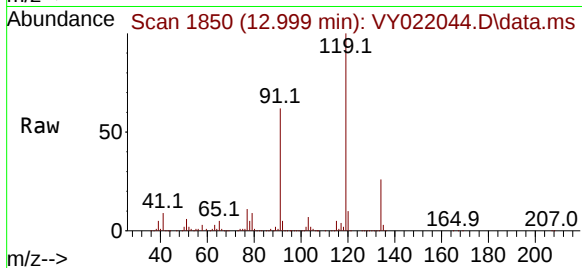
#83
tert-Butylbenzene
Concen: 50.056 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 555798
Ion Ratio Lower Upper
119 100
91 60.9 30.3 90.9
134 26.4 12.9 38.7

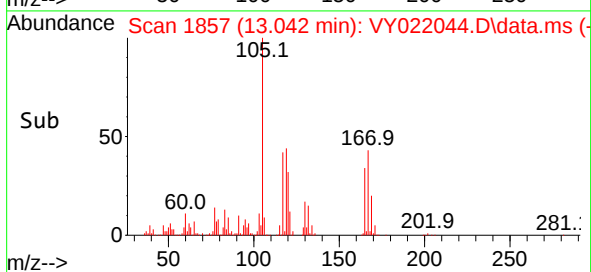
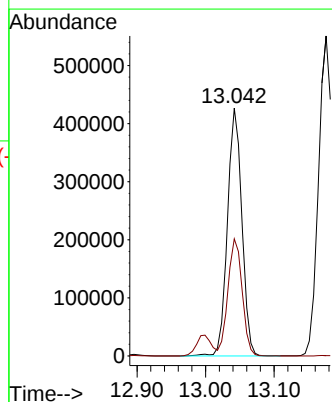
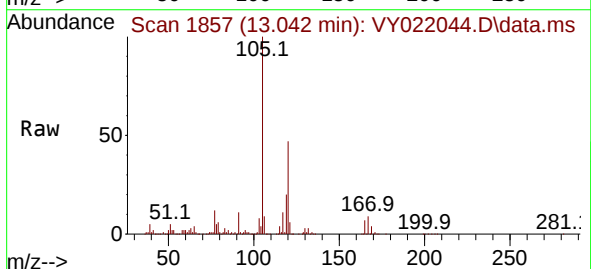
Manual Integrations
APPROVED

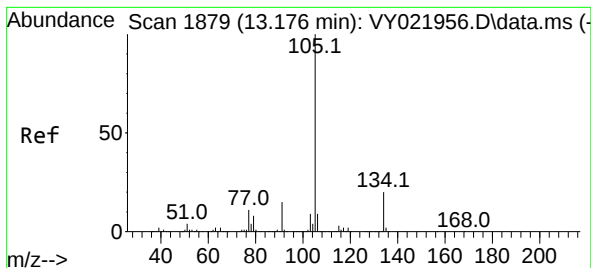
Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/29/2025



#84
1,2,4-Trimethylbenzene
Concen: 50.118 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09

Tgt Ion:105 Resp: 620633
Ion Ratio Lower Upper
105 100
120 46.5 23.4 70.0





#85

sec-Butylbenzene

Concen: 49.815 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY022044.D

Acq: 28 Apr 2025 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 809379

Ion Ratio Lower Upper

105 100

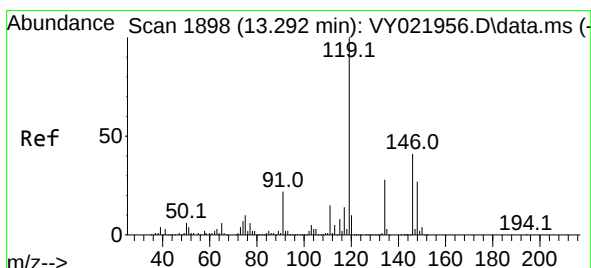
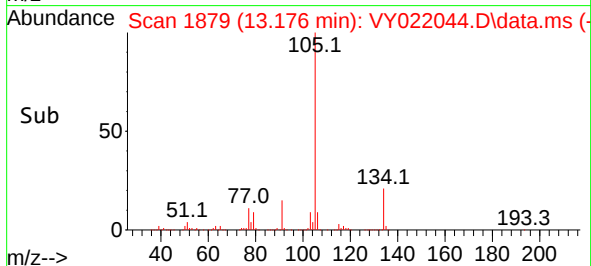
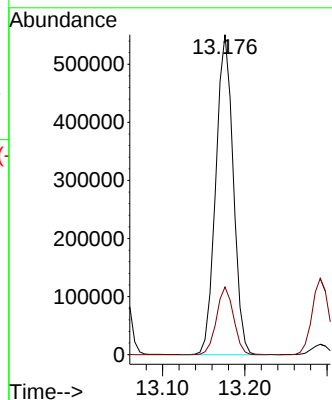
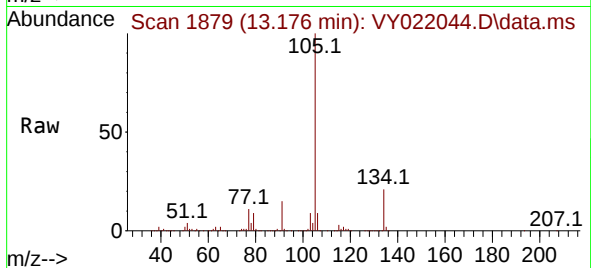
134 20.7 10.3 30.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/29/2025

Supervised By :Mahesh Dadoda 04/29/2025



#86

p-Isopropyltoluene

Concen: 50.348 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY022044.D

Acq: 28 Apr 2025 20:09

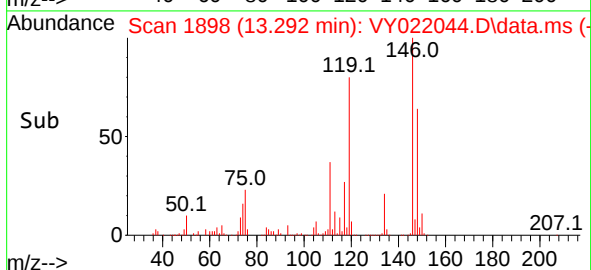
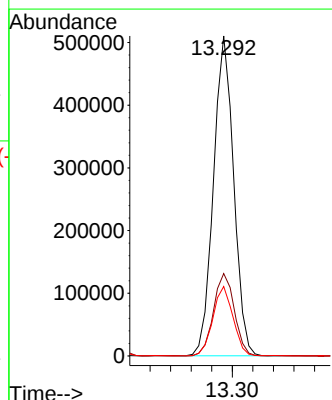
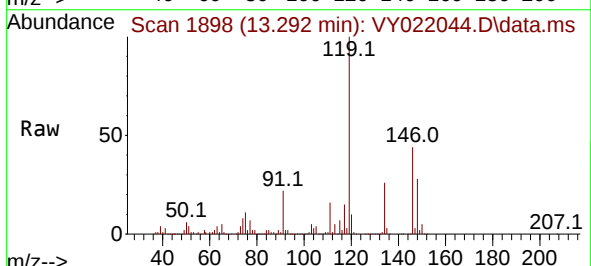
Tgt Ion:119 Resp: 694644

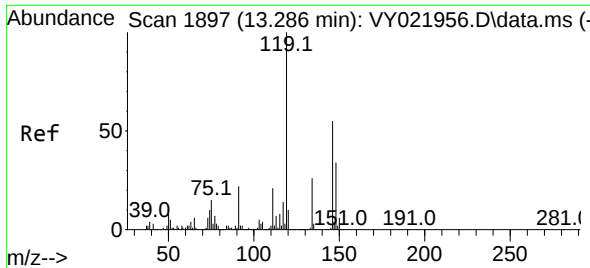
Ion Ratio Lower Upper

119 100

134 26.6 13.6 40.7

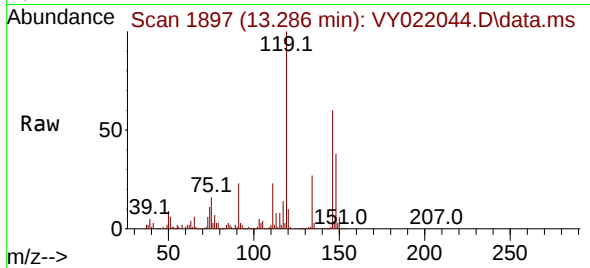
91 21.6 11.0 33.0





#87
1,3-Dichlorobenzene
Concen: 48.007 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09

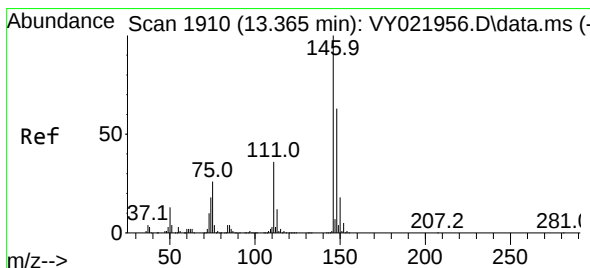
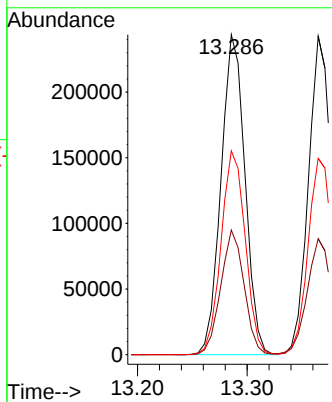
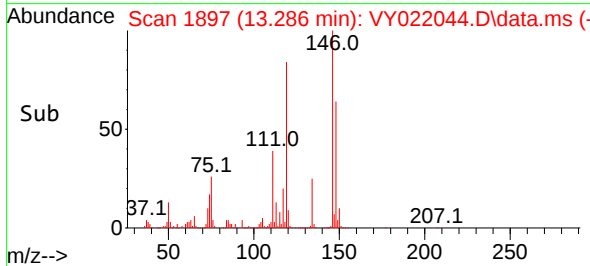
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



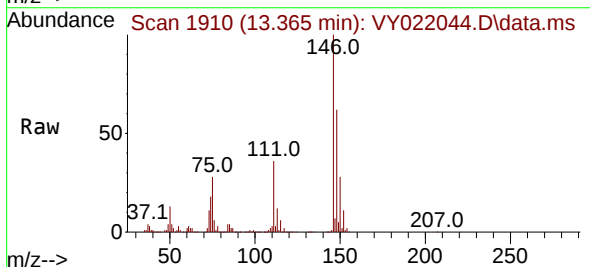
Tgt Ion:146 Resp: 370200
Ion Ratio Lower Upper
146 100
111 37.9 19.1 57.5
148 64.3 32.0 96.2

Manual Integrations
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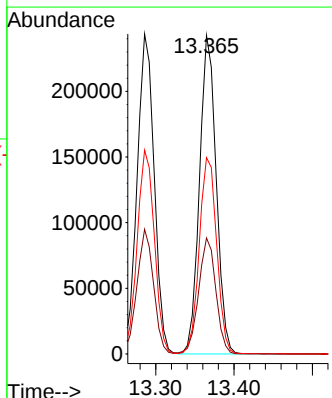
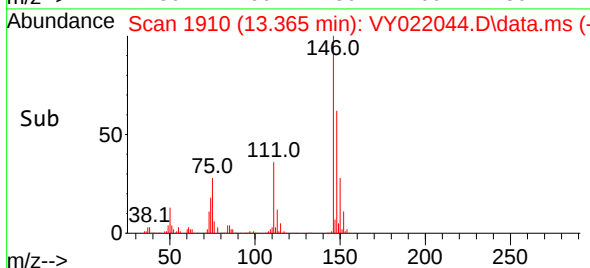
Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/29/2025

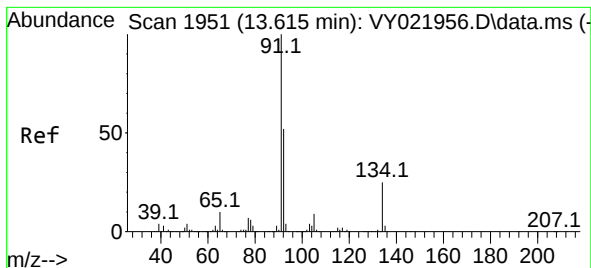


#88
1,4-Dichlorobenzene
Concen: 47.140 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09



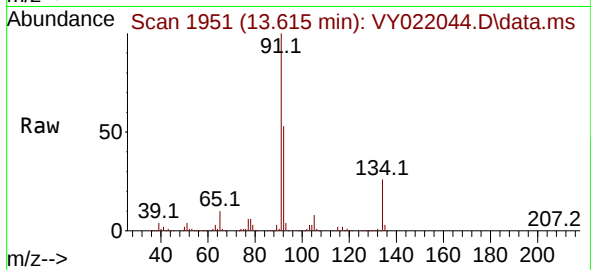
Tgt Ion:146 Resp: 360030
Ion Ratio Lower Upper
146 100
111 37.5 19.2 57.6
148 64.3 32.0 96.0





#89
n-Butylbenzene
Concen: 48.461 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09

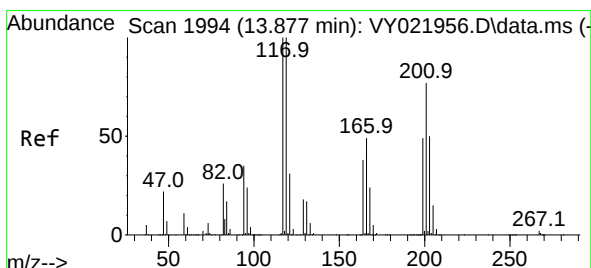
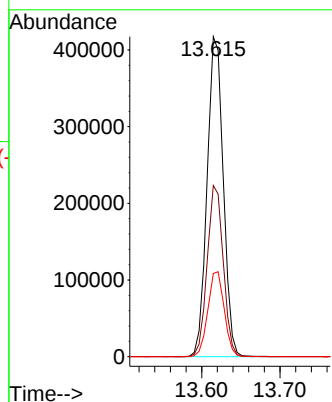
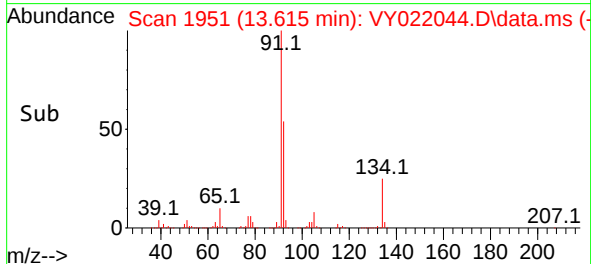
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 59761
Ion Ratio Lower Upper
91 100
92 53.0 26.5 79.5
134 26.9 13.4 40.1

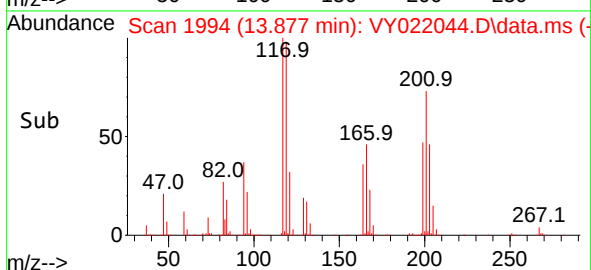
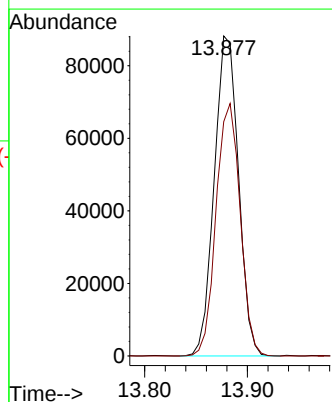
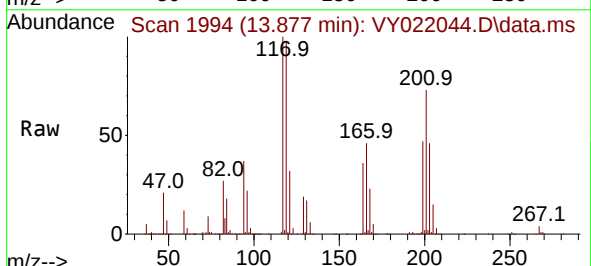
Manual Integrations
APPROVED

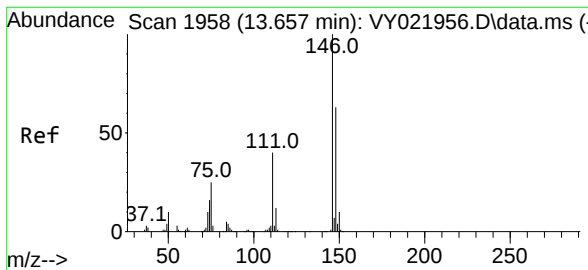
Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/29/2025



#90
Hexachloroethane
Concen: 47.639 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VY022044.D
Acq: 28 Apr 2025 20:09

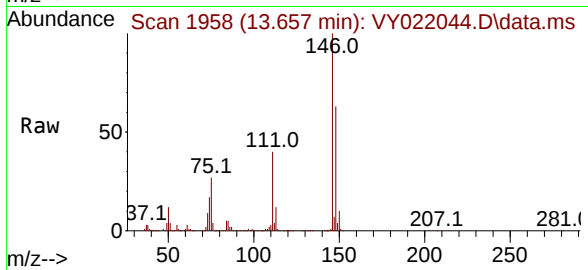
Tgt Ion:117 Resp: 144406
Ion Ratio Lower Upper
117 100
201 78.4 38.7 116.1





#91
 1,2-Dichlorobenzene
 Concen: 47.784 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: VY022044.D
 Acq: 28 Apr 2025 20:09

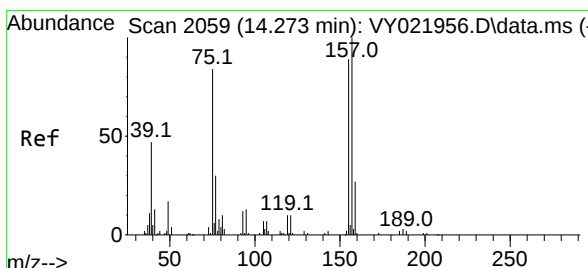
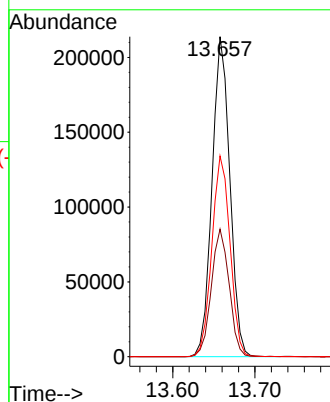
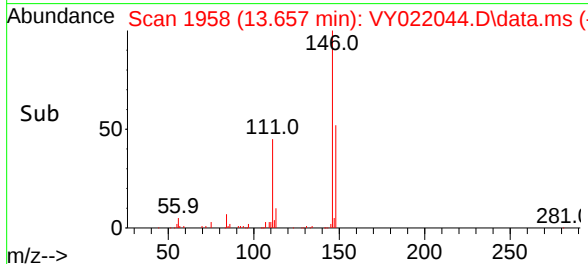
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:146 Resp: 32139
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.7 59.1
 148 64.1 32.1 96.3

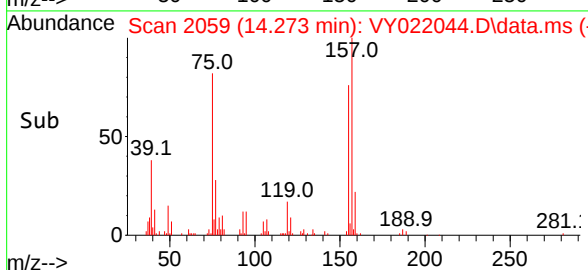
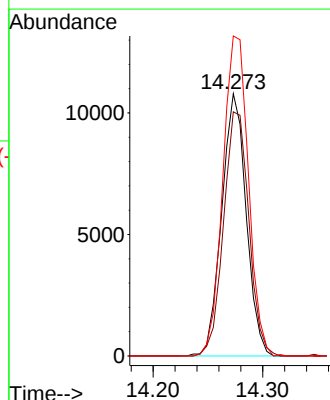
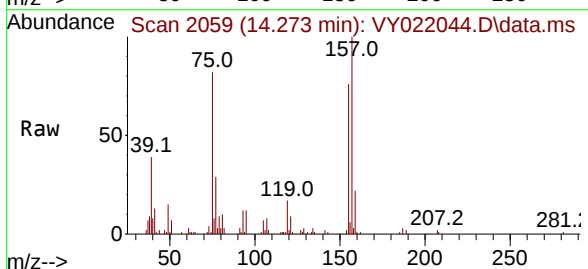
Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/29/2025
 Supervised By :Mahesh Dadoda 04/29/2025



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.507 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.000 min
 Lab File: VY022044.D
 Acq: 28 Apr 2025 20:09

Tgt Ion: 75 Resp: 16729
 Ion Ratio Lower Upper
 75 100
 155 96.2 50.7 152.3
 157 127.4 62.6 187.8





#93

1,2,4-Trichlorobenzene

Concen: 46.427 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY022044.D

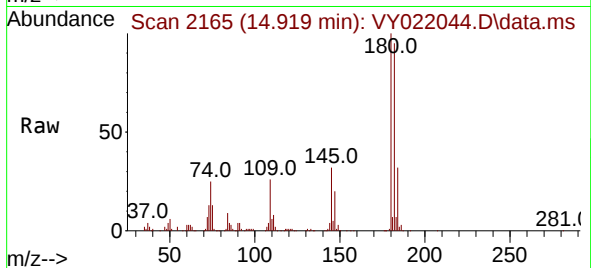
Acq: 28 Apr 2025 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion:180 Resp: 176950

Ion Ratio Lower Upper

180 100

182 94.4 47.1 141.4

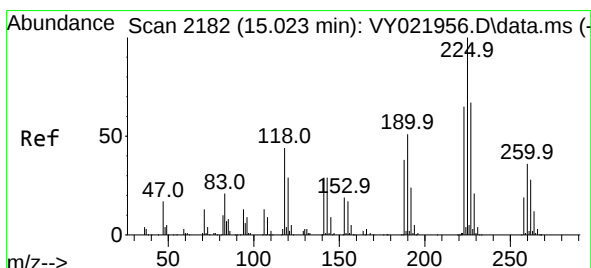
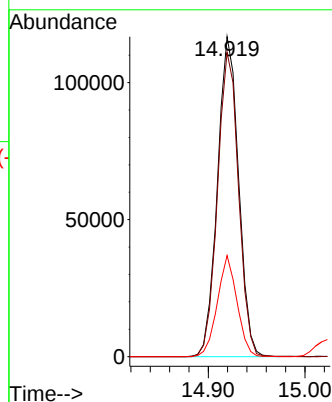
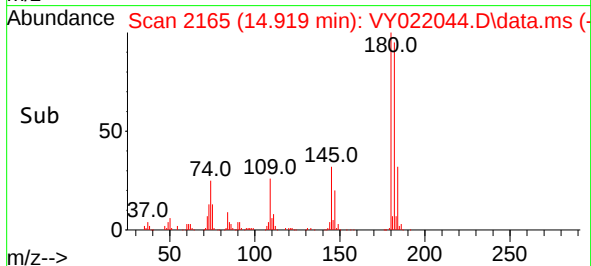
145 29.4 15.0 45.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/29/2025

Supervised By :Mahesh Dadoda 04/29/2025



#94

Hexachlorobutadiene

Concen: 45.436 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY022044.D

Acq: 28 Apr 2025 20:09

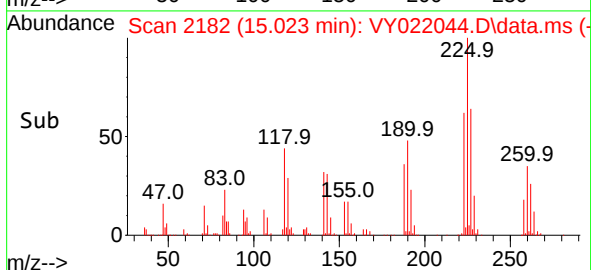
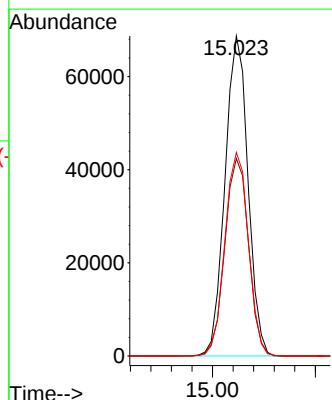
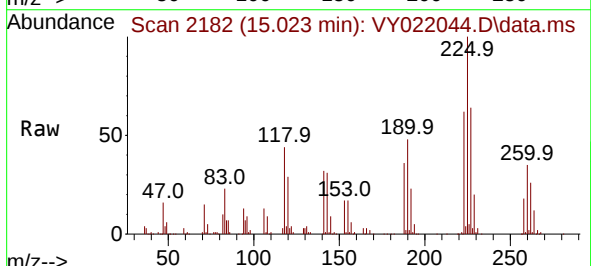
Tgt Ion:225 Resp: 106547

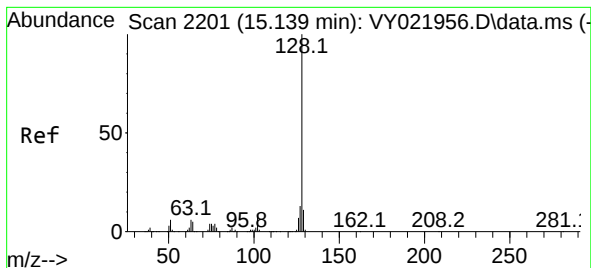
Ion Ratio Lower Upper

225 100

223 63.6 31.9 95.5

227 65.1 32.3 96.9





#95

Naphthalene

Concen: 44.627 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY022044.D

Acq: 28 Apr 2025 20:09

Instrument :

MSVOA_Y

ClientSampleId :

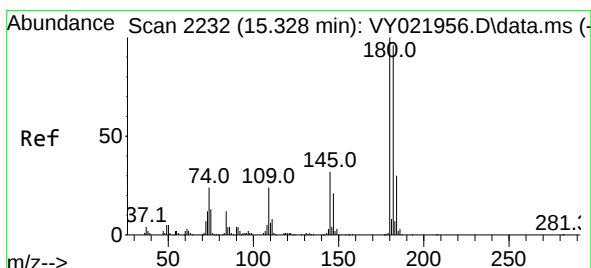
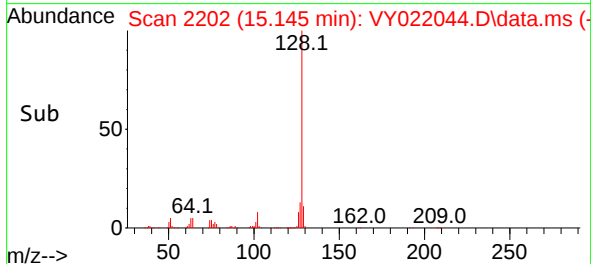
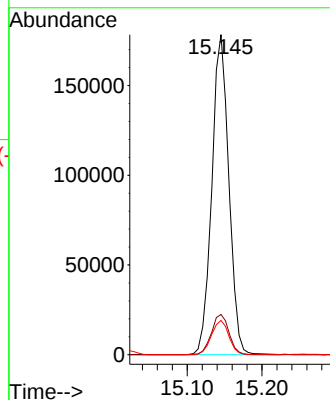
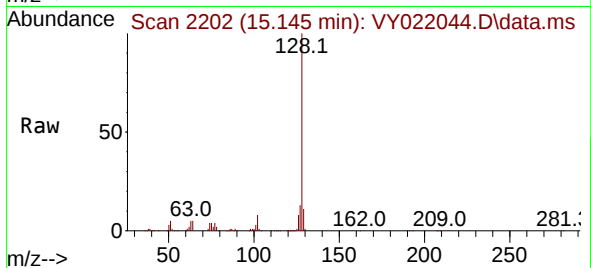
VSTDCCC050EC

Tgt Ion:128	Resp: 282549
Ion Ratio	Lower Upper
128 100	
127 13.0	10.6 16.0
129 10.9	8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/29/2025



#96

1,2,3-Trichlorobenzene

Concen: 45.757 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022044.D

Acq: 28 Apr 2025 20:09

Tgt Ion:180	Resp: 150542
Ion Ratio	Lower Upper
180 100	
182 93.8	48.1 144.4
145 31.4	16.0 48.0

