

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061625\
 Data File : VY022710.D
 Acq On : 16 Jun 2025 16:55
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/17/2025
 Supervised By :Mahesh Dadoda 06/17/2025

Quant Time: Jun 17 05:56:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	137947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	236748	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	203484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	98158	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	79891	51.781	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.560%			
35) Dibromofluoromethane	7.640	113	74089	52.430	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.860%			
50) Toluene-d8	10.109	98	295921	51.827	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.660%			
62) 4-Bromofluorobenzene	12.402	95	85060	49.999	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 100.000%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	53360	43.205	ug/l	98
3) Chloromethane	2.068	50	197398	54.102	ug/l	99
4) Vinyl Chloride	2.202	62	242113	57.201	ug/l	99
5) Bromomethane	2.598	94	220975	54.469	ug/l	99
6) Chloroethane	2.733	64	183580	63.190	ug/l	95
7) Trichlorofluoromethane	3.050	101	216199	60.168	ug/l	97
8) Diethyl Ether	3.458	74	42296	52.268	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.818	101	74678	49.345	ug/l	99
10) Methyl Iodide	4.007	142	80934	49.418	ug/l	96
11) Tert butyl alcohol	4.891	59	28143	255.390	ug/l #	88
12) 1,1-Dichloroethene	3.793	96	71802	49.635	ug/l	99
13) Acrolein	3.653	56	12062	87.831	ug/l	100
14) Allyl chloride	4.385	41	107347	47.269	ug/l	97
15) Acrylonitrile	5.068	53	90158	263.071	ug/l	99
16) Acetone	3.885	43	77215	246.431	ug/l	100
17) Carbon Disulfide	4.104	76	211760	45.723	ug/l	100
18) Methyl Acetate	4.391	43	49168	52.991	ug/l	95
19) Methyl tert-butyl Ether	5.122	73	211954	52.020	ug/l	99
20) Methylene Chloride	4.610	84	94933	53.338	ug/l	93
21) trans-1,2-Dichloroethene	5.116	96	83360	51.487	ug/l	96
22) Diisopropyl ether	6.025	45	257814	51.002	ug/l	98
23) Vinyl Acetate	5.964	43	746275	249.432	ug/l	100
24) 1,1-Dichloroethane	5.915	63	155258	52.136	ug/l	100
25) 2-Butanone	6.896	43	116552	257.879	ug/l	99
26) 2,2-Dichloropropane	6.890	77	130505	49.599	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	99882	53.374	ug/l	99
28) Bromochloromethane	7.244	49	69854	53.812	ug/l	98
29) Tetrahydrofuran	7.274	42	73976	253.774	ug/l	98
30) Chloroform	7.427	83	161650	54.803	ug/l	96
31) Cyclohexane	7.701	56	129044	43.527	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	138210	52.784	ug/l	99
36) 1,1-Dichloropropene	7.841	75	114209	49.798	ug/l	99
37) Ethyl Acetate	6.988	43	53594	52.401	ug/l	99
38) Carbon Tetrachloride	7.823	117	118602	50.410	ug/l	94
39) Methylcyclohexane	9.109	83	142791	46.329	ug/l	97
40) Benzene	8.085	78	353278	52.152	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	27605	46.208	ug/l	92
42) 1,2-Dichloroethane	8.158	62	97435	52.679	ug/l	98
43) Isopropyl Acetate	8.201	43	110618	50.078	ug/l #	87
44) Trichloroethene	8.866	130	88158	53.249	ug/l	96
45) 1,2-Dichloropropane	9.146	63	84424	52.735	ug/l	97
46) Dibromomethane	9.231	93	48571	53.929	ug/l	98
47) Bromodichloromethane	9.426	83	125778	55.076	ug/l	96
48) Methyl methacrylate	9.225	41	49755m	47.993	ug/l	
49) 1,4-Dioxane	9.238	88	10690	1001.869	ug/l #	96
51) 4-Methyl-2-Pentanone	10.000	43	290539	263.816	ug/l	97
52) Toluene	10.170	92	220323	51.756	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	112095	52.386	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	129022	51.799	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	60981	53.099	ug/l	96
56) Ethyl methacrylate	10.438	69	88101	53.077	ug/l	98
57) 1,3-Dichloropropane	10.719	76	107943	53.030	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	224931	298.467	ug/l	99
59) 2-Hexanone	10.762	43	189682	257.533	ug/l	99
60) Dibromochloromethane	10.908	129	76892	52.685	ug/l	100
61) 1,2-Dibromoethane	11.018	107	56609	54.081	ug/l	95
64) Tetrachloroethene	10.646	164	105891	60.495	ug/l	98
65) Chlorobenzene	11.444	112	235204	52.235	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	79045	52.110	ug/l	98
67) Ethyl Benzene	11.518	91	431523	51.668	ug/l	100
68) m/p-Xylenes	11.627	106	330599	104.419	ug/l	98
69) o-Xylene	11.957	106	153726	51.787	ug/l	99
70) Styrene	11.969	104	257498	52.478	ug/l	99
71) Bromoform	12.133	173	42419	52.550	ug/l #	100
73) Isopropylbenzene	12.255	105	399654	49.592	ug/l	100
74) N-amyl acetate	12.072	43	101040	49.690	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	63203	47.785	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	50303m	44.795	ug/l	
77) Bromobenzene	12.530	156	86412	50.813	ug/l	99
78) n-propylbenzene	12.591	91	485449	49.320	ug/l	100
79) 2-Chlorotoluene	12.676	91	257235	49.309	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	313586	49.564	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	21628	46.511	ug/l	98
82) 4-Chlorotoluene	12.773	91	268269	49.849	ug/l	97
83) tert-Butylbenzene	12.999	119	280929	49.473	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	311927	49.294	ug/l	99
85) sec-Butylbenzene	13.176	105	428513	49.273	ug/l	100
86) p-Isopropyltoluene	13.292	119	353631	49.331	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	176700	51.283	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	167976	50.264	ug/l	99
89) n-Butylbenzene	13.615	91	335470	49.325	ug/l	99
90) Hexachloroethane	13.877	117	70503	50.519	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	149774	51.198	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10404	54.027	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	81823	51.284	ug/l	96
94) Hexachlorobutadiene	15.023	225	44418	50.440	ug/l	96
95) Naphthalene	15.145	128	157488	51.437	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	69177	50.592	ug/l	99

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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

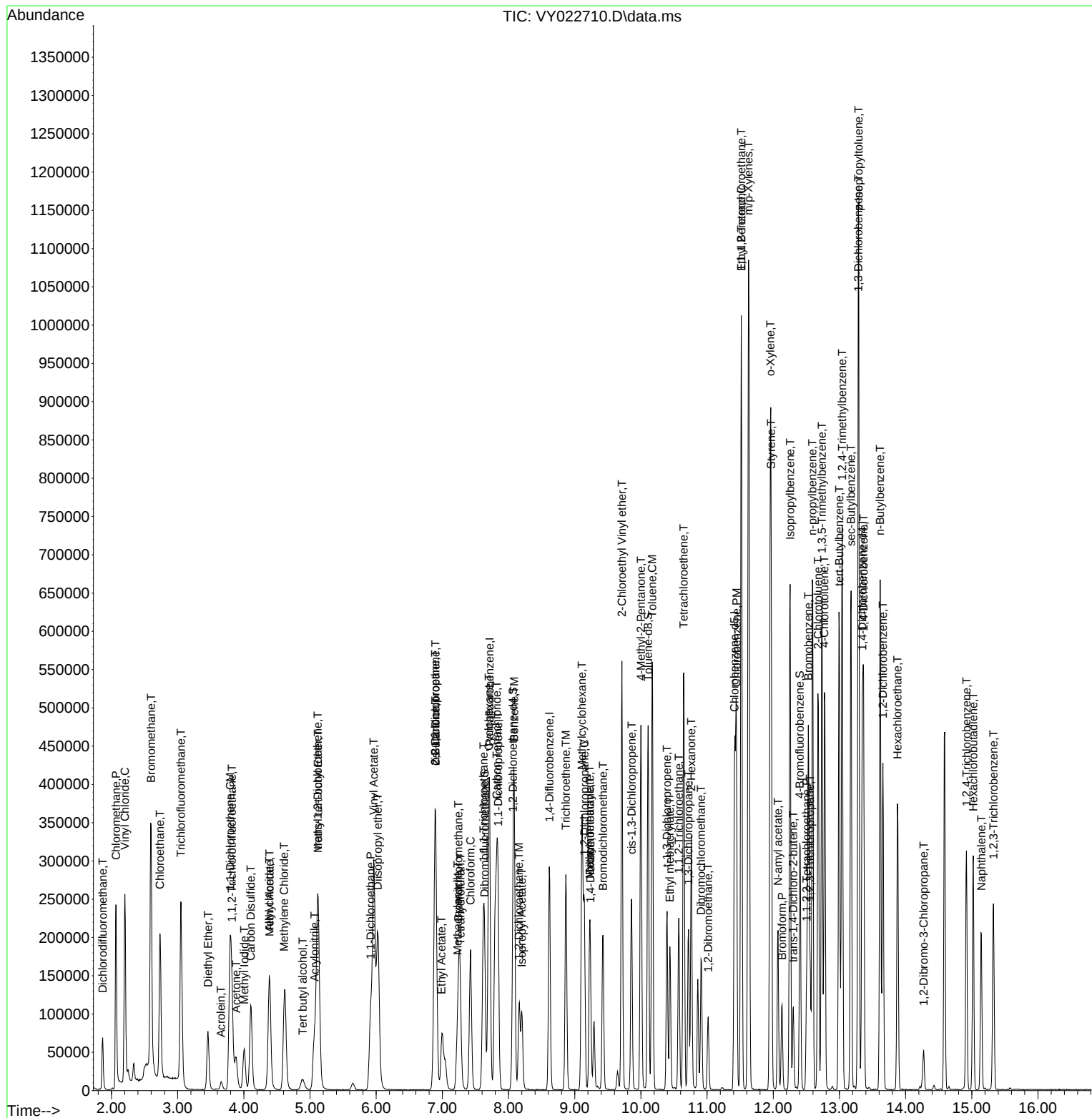
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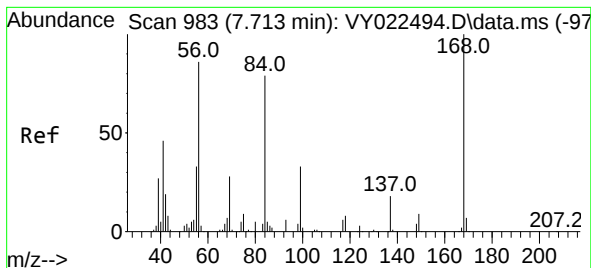
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY022710.D

Acq: 16 Jun 2025 16:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:168 Resp: 13794

Ion Ratio Lower Upper

168 100

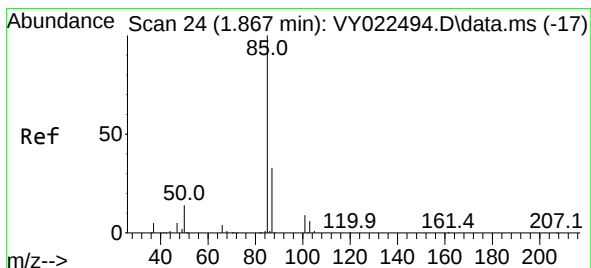
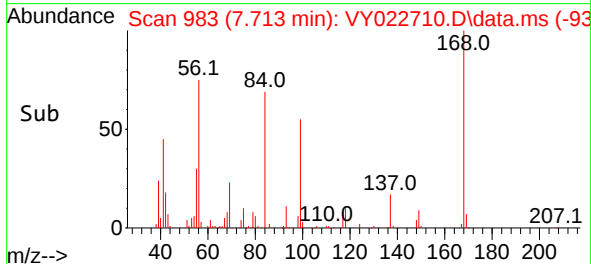
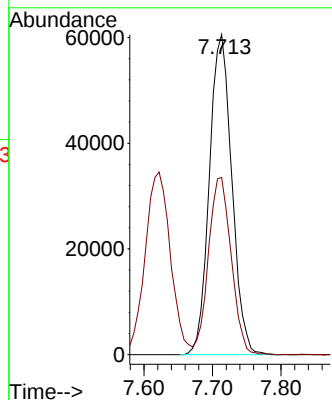
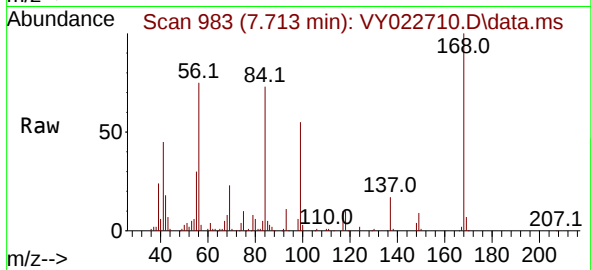
99 55.4 44.3 66.5

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 43.205 ug/l

RT: 1.867 min Scan# 24

Delta R.T. -0.000 min

Lab File: VY022710.D

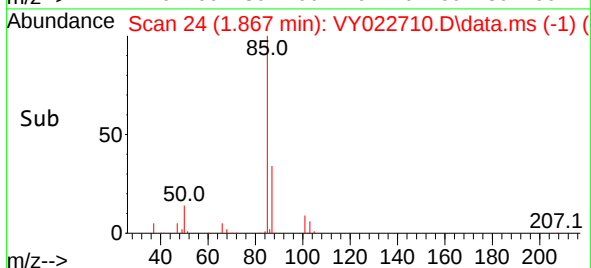
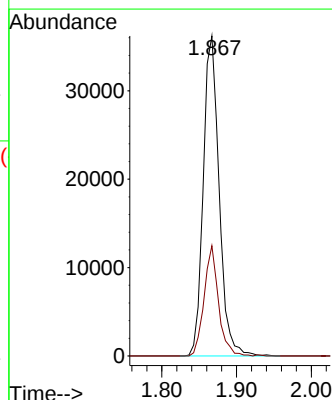
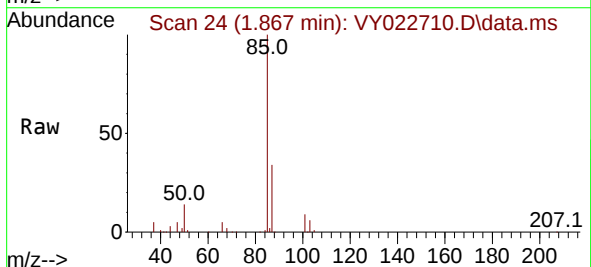
Acq: 16 Jun 2025 16:55

Tgt Ion: 85 Resp: 53360

Ion Ratio Lower Upper

85 100

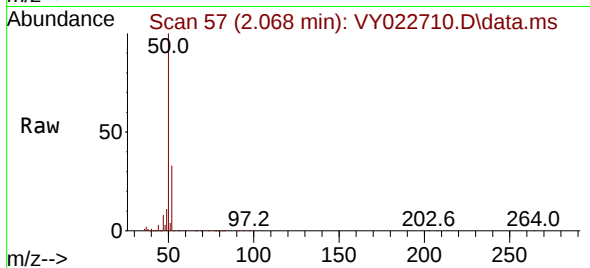
87 34.4 16.7 50.0





#3
Chloromethane
Concen: 54.102 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

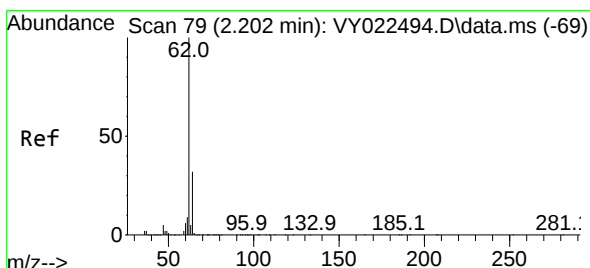
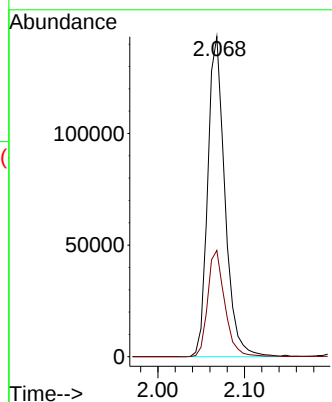
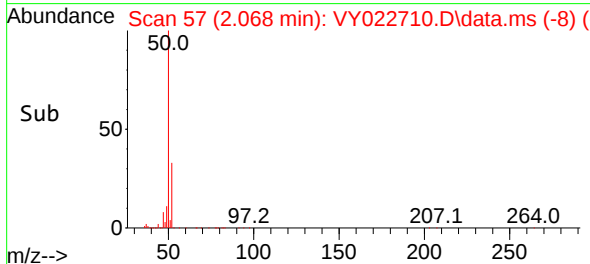
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VSTDCCC050EC



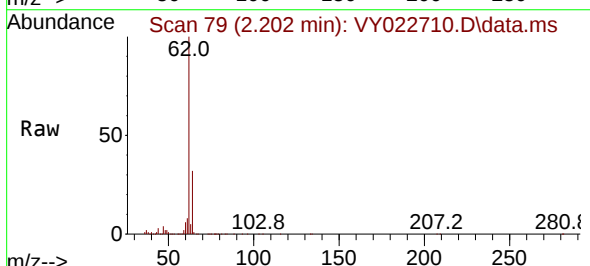
Tgt Ion: 50 Resp: 197398
Ion Ratio Lower Upper
50 100
52 33.2 26.0 39.0

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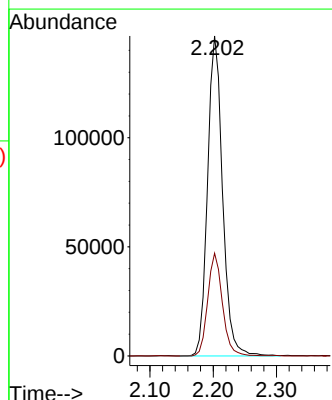
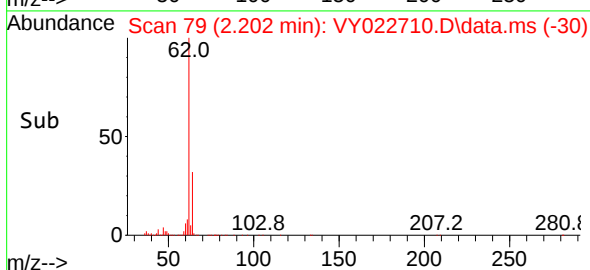
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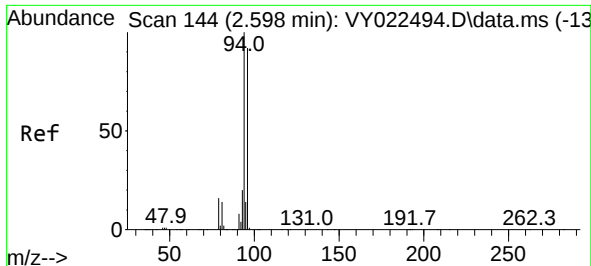


#4
Vinyl Chloride
Concen: 57.201 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55



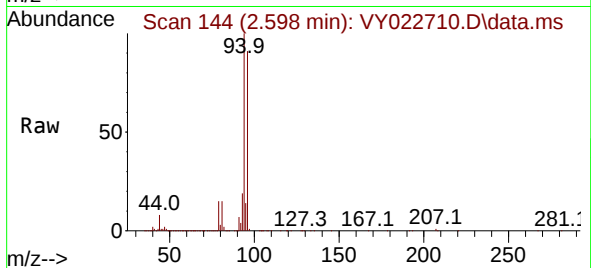
Tgt Ion: 62 Resp: 242113
Ion Ratio Lower Upper
62 100
64 32.1 25.3 37.9





#5
Bromomethane
Concen: 54.469 ug/l
RT: 2.598 min Scan# 144
Delta R.T. -0.000 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

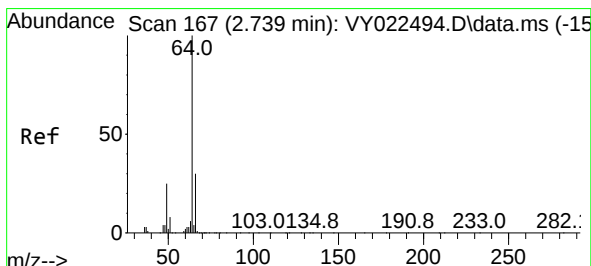
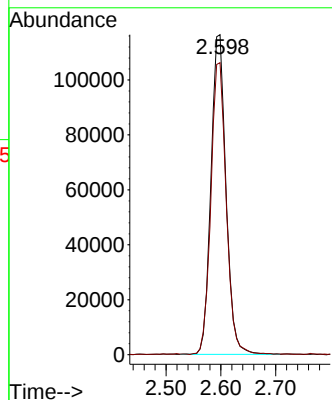
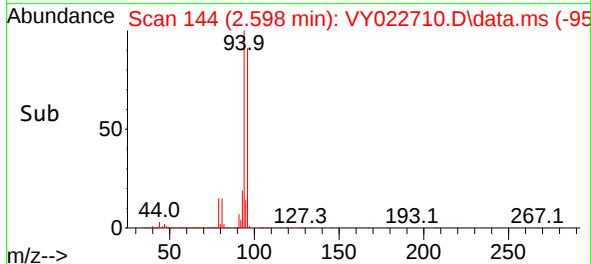
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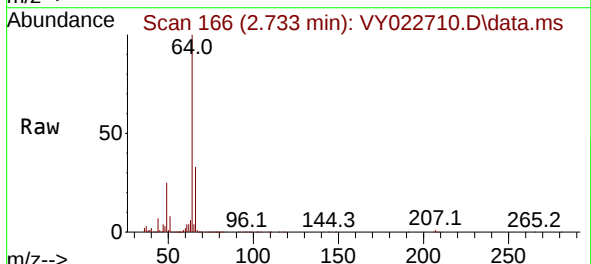
Tgt Ion: 94 Resp: 220975
Ion Ratio Lower Upper
94 100
96 91.2 74.0 111.0

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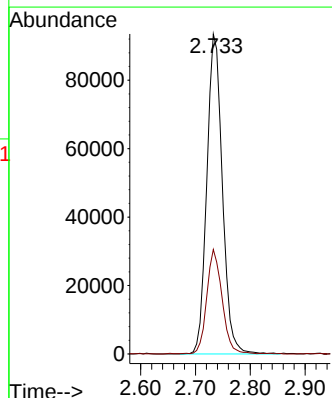
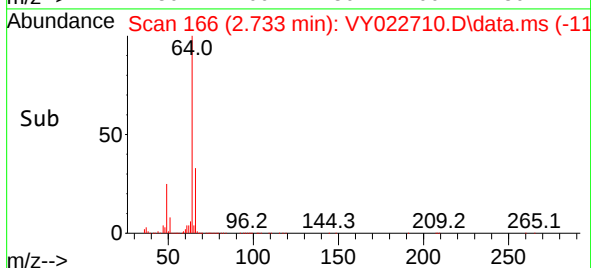
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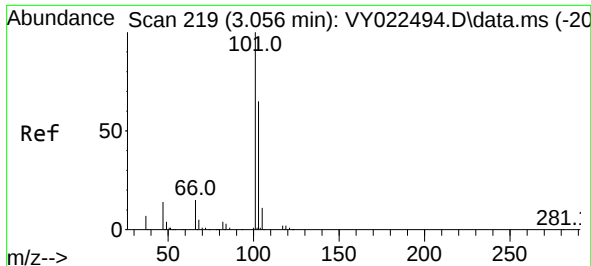


#6
Chloroethane
Concen: 63.190 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55



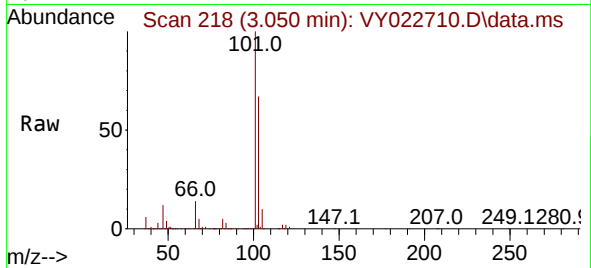
Tgt Ion: 64 Resp: 183580
Ion Ratio Lower Upper
64 100
66 32.5 23.8 35.6





#7
Trichlorofluoromethane
Concen: 60.168 ug/l
RT: 3.050 min Scan# 219
Delta R.T. -0.006 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

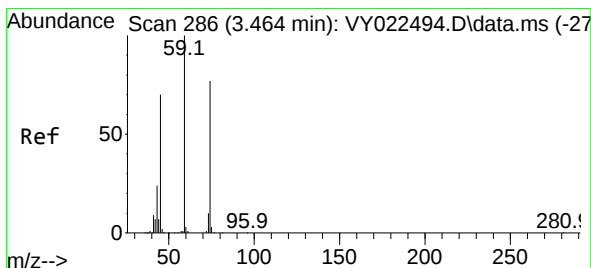
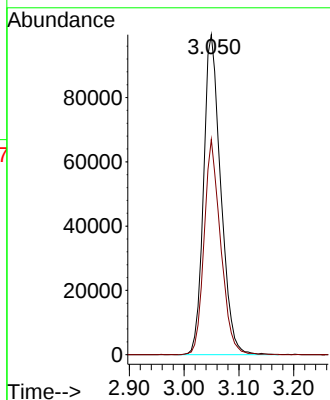
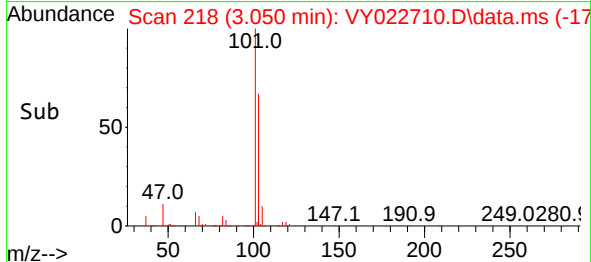
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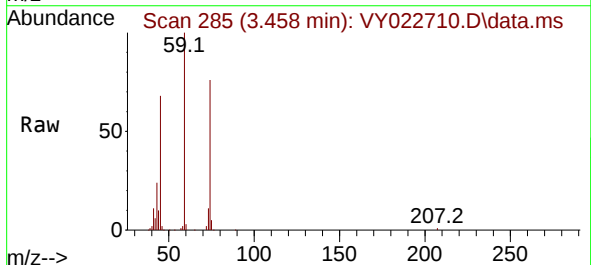
Tgt Ion:101 Resp: 216199
Ion Ratio Lower Upper
101 100
103 67.3 52.2 78.2

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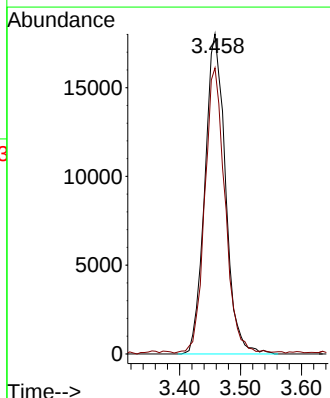
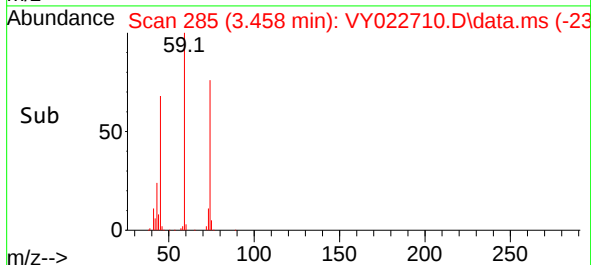
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025



#8
Diethyl Ether
Concen: 52.268 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55



Tgt Ion: 74 Resp: 42296
Ion Ratio Lower Upper
74 100
45 87.3 45.9 137.6





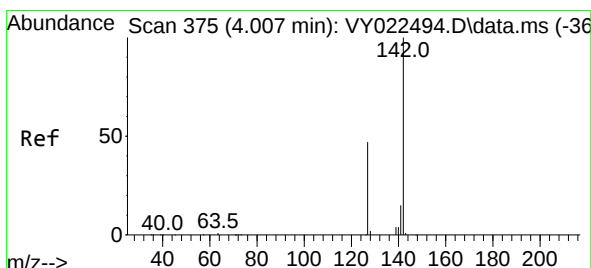
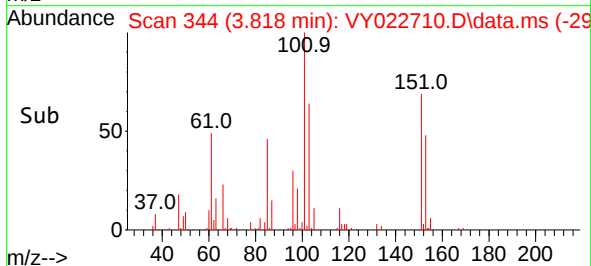
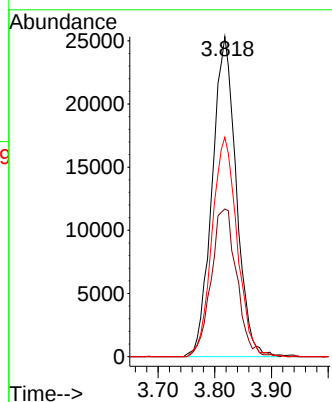
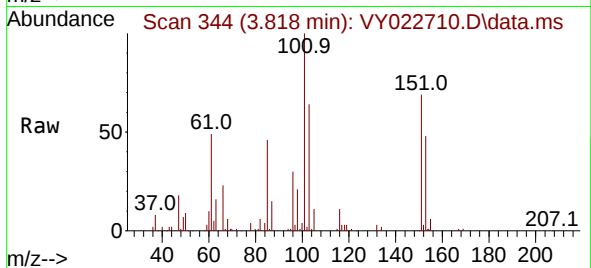
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.345 ug/l
RT: 3.818 min Scan# 344
Delta R.T. -0.000 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 74678
Ion Ratio Lower Upper
101 100
85 49.2 39.3 58.9
151 71.4 57.8 86.8

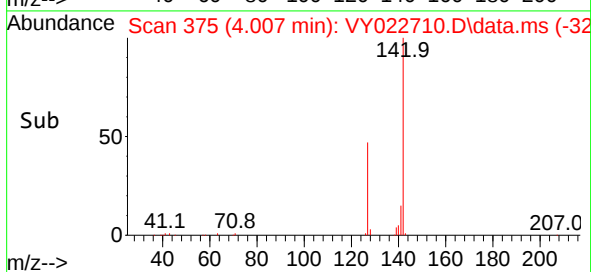
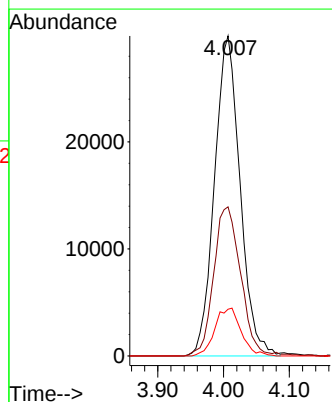
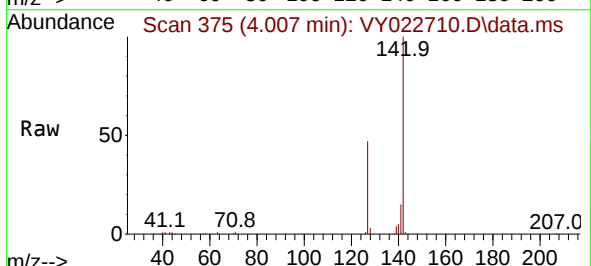
Manual Integrations
APPROVED

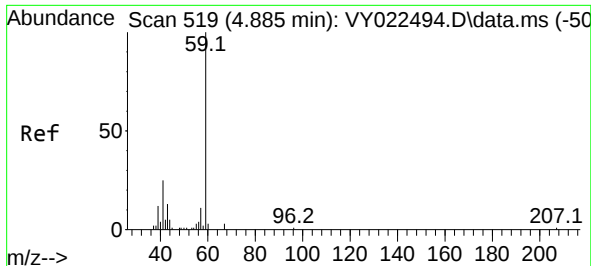
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025



#10
Methyl Iodide
Concen: 49.418 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

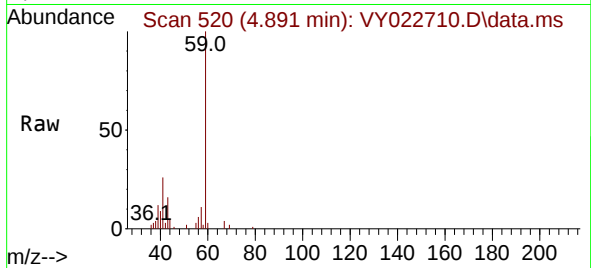
Tgt Ion:142 Resp: 80934
Ion Ratio Lower Upper
142 100
127 49.4 37.1 55.7
141 15.4 11.4 17.2





#11
Tert butyl alcohol
Concen: 255.390 ug/l
RT: 4.891 min Scan# 519
Delta R.T. 0.006 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

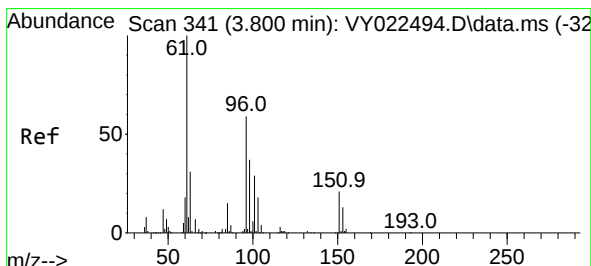
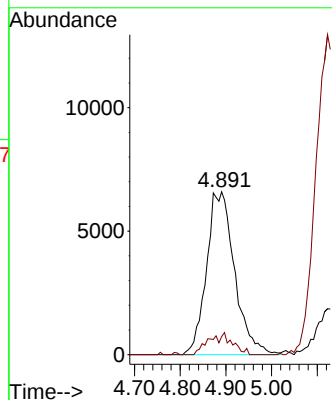
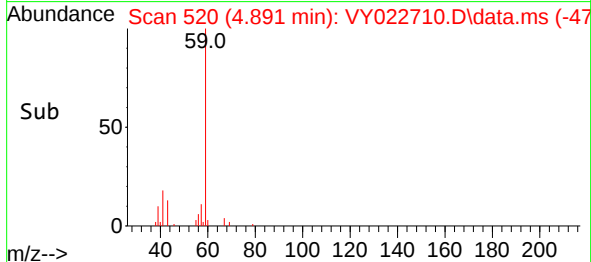
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



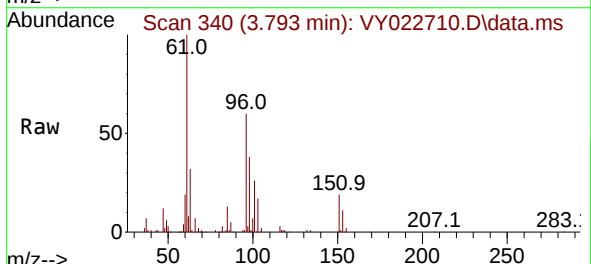
Tgt Ion: 59 Resp: 2814
Ion Ratio Lower Upper
59 100
57 5.7 8.0 12.0

Manual Integrations
APPROVED

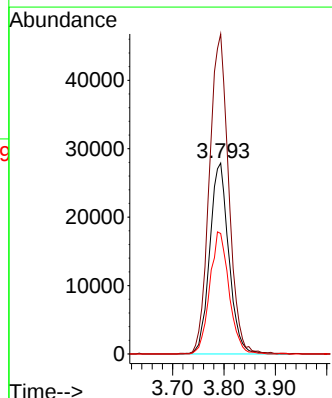
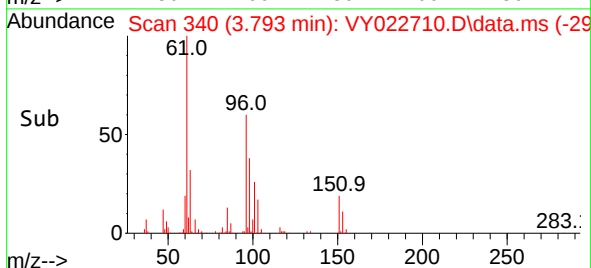
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025

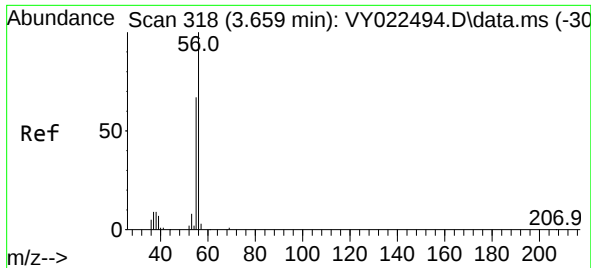


#12
1,1-Dichloroethene
Concen: 49.635 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55



Tgt Ion: 96 Resp: 71802
Ion Ratio Lower Upper
96 100
61 167.3 134.6 201.8
98 63.1 50.2 75.4





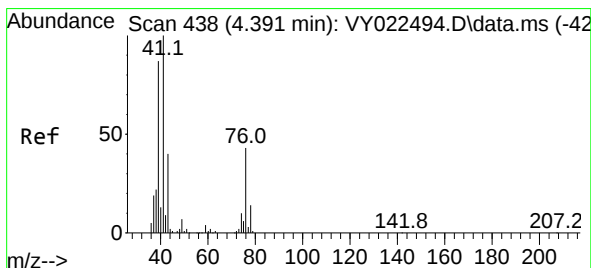
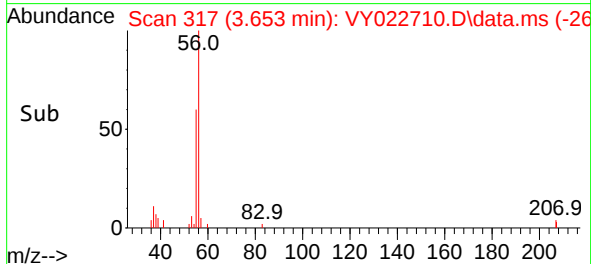
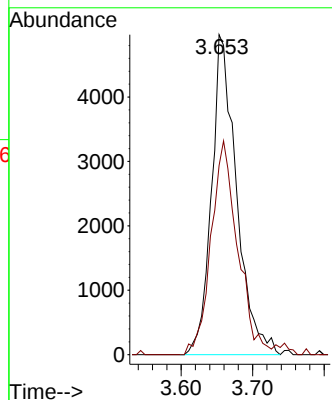
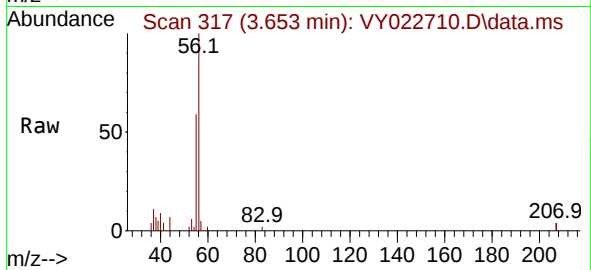
#13
Acrolein
Concen: 87.831 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.006 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 12062
Ion Ratio Lower Upper
56 100
55 71.0 57.0 85.6

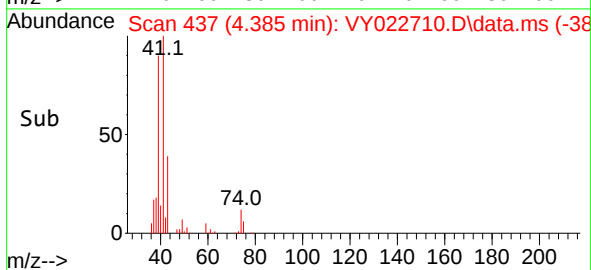
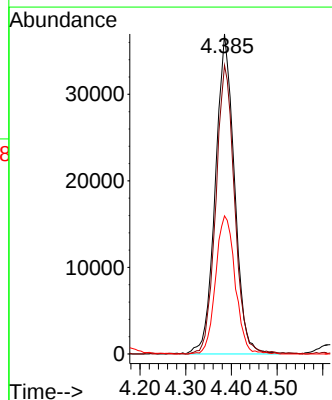
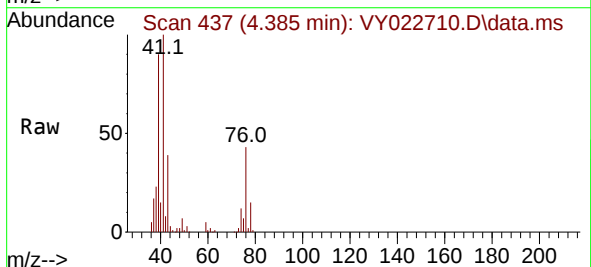
Manual Integrations
APPROVED

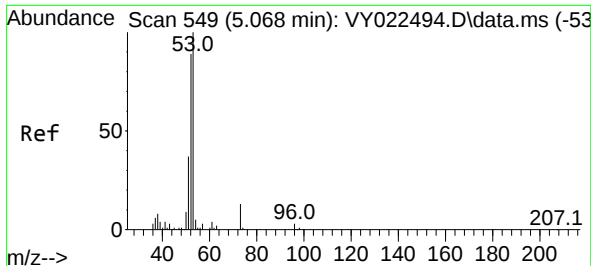
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025



#14
Allyl chloride
Concen: 47.269 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

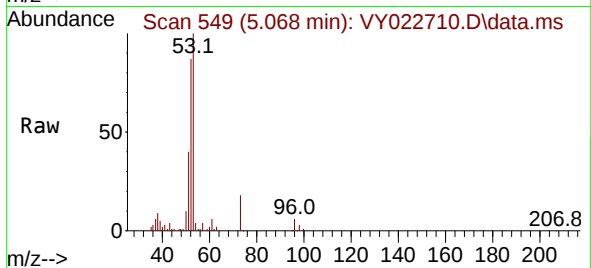
Tgt Ion: 41 Resp: 107347
Ion Ratio Lower Upper
41 100
39 89.0 69.1 103.7
76 44.3 33.5 50.3





#15
Acrylonitrile
Concen: 263.071 ug/l
RT: 5.068 min Scan# 549
Delta R.T. -0.000 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

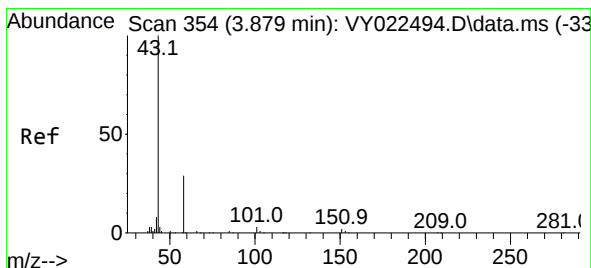
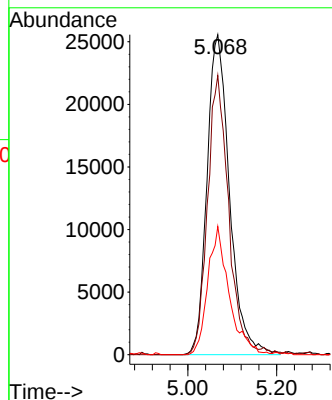
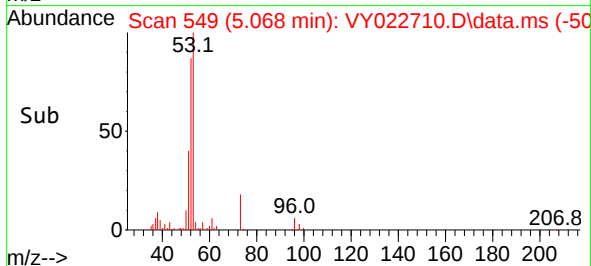
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



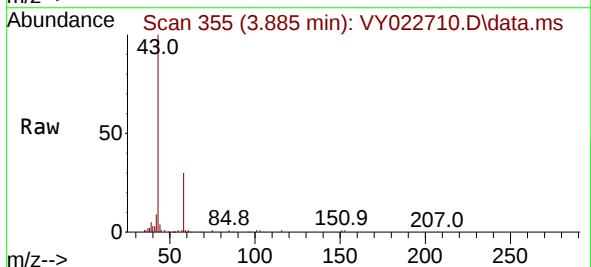
Tgt Ion: 53 Resp: 90158
Ion Ratio Lower Upper
53 100
52 81.0 65.7 98.5
51 37.9 30.1 45.1

Manual Integrations
APPROVED

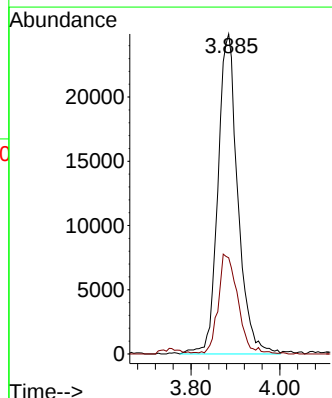
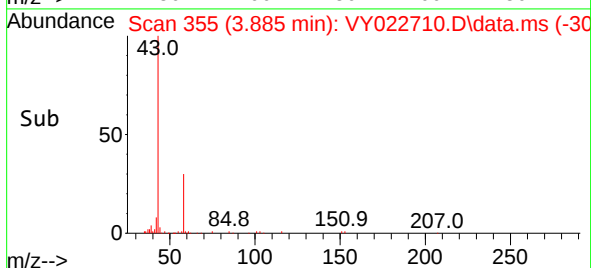
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025

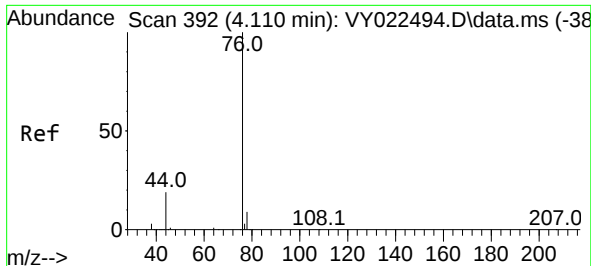


#16
Acetone
Concen: 246.431 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55



Tgt Ion: 43 Resp: 77215
Ion Ratio Lower Upper
43 100
58 29.8 24.0 36.0





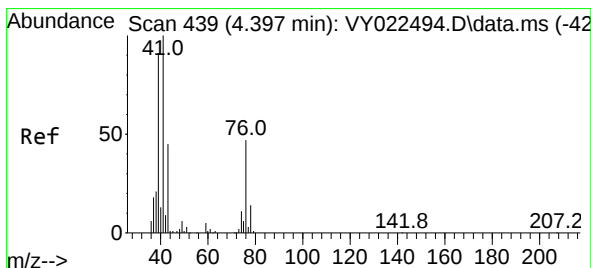
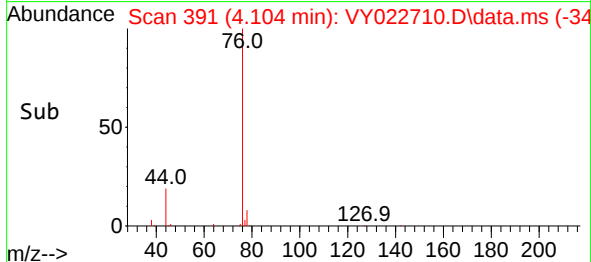
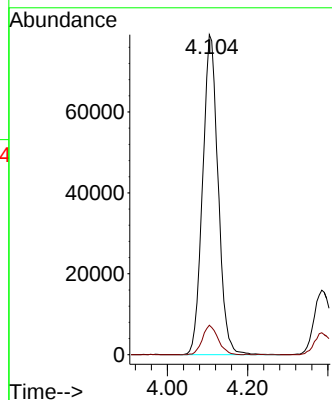
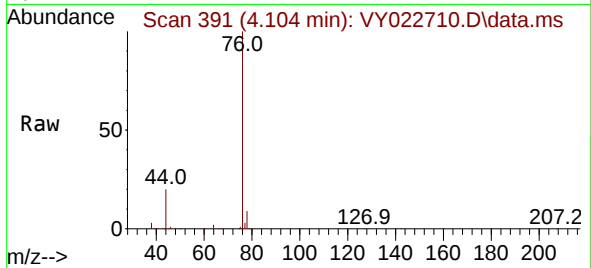
#17
Carbon Disulfide
Concen: 45.723 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 211760
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

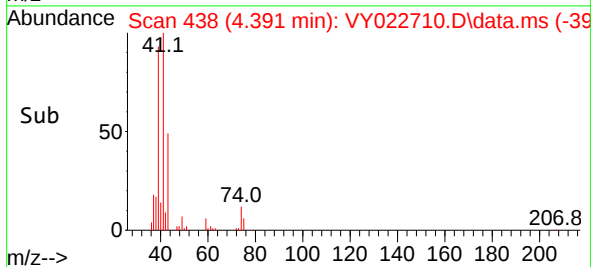
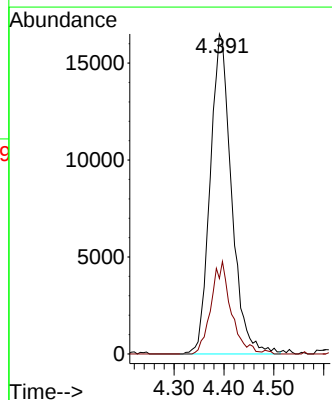
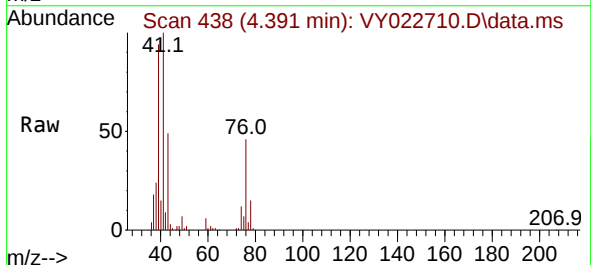
Manual Integrations
APPROVED

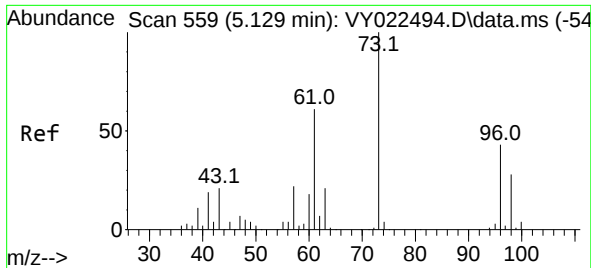
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025



#18
Methyl Acetate
Concen: 52.991 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

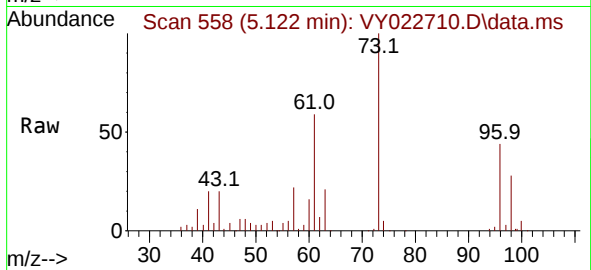
Tgt Ion: 43 Resp: 49168
Ion Ratio Lower Upper
43 100
74 27.0 19.8 29.6





#19
Methyl tert-butyl Ether
Concen: 52.020 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

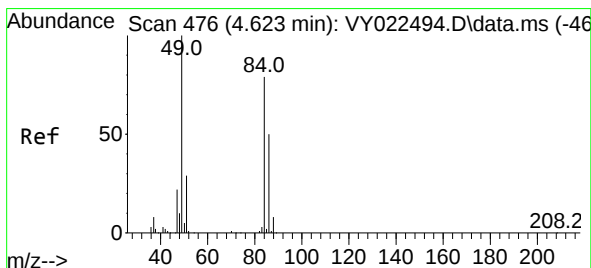
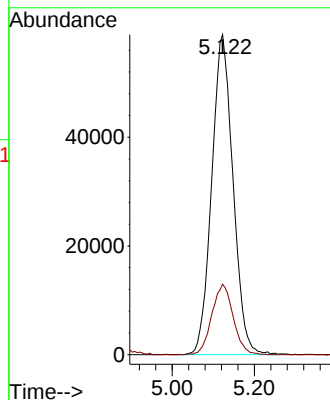
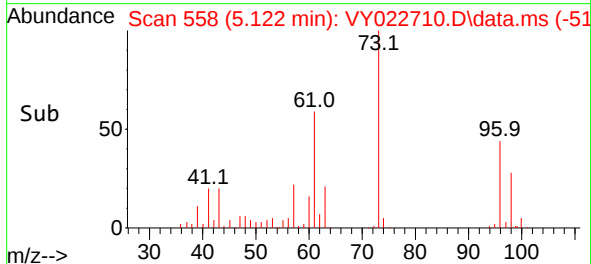
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



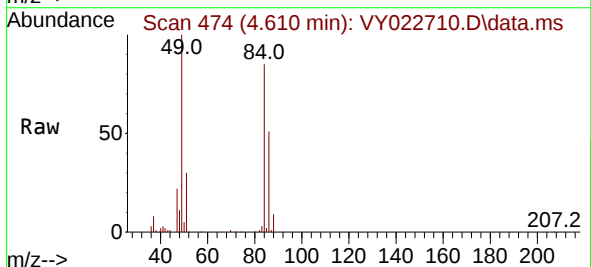
Tgt Ion: 73 Resp: 211954
Ion Ratio Lower Upper
73 100
57 22.0 17.4 26.0

Manual Integrations
APPROVED

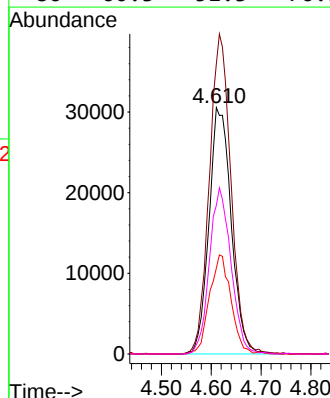
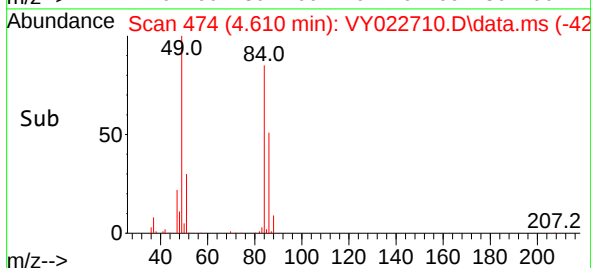
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025

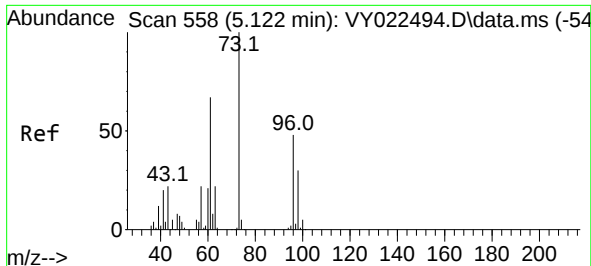


#20
Methylene Chloride
Concen: 53.338 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55



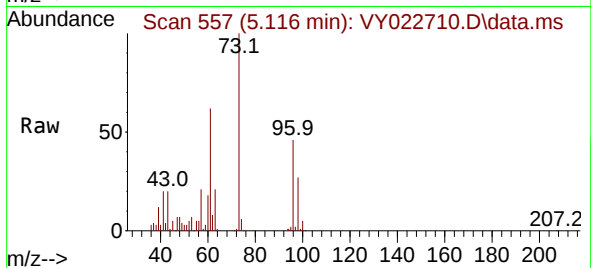
Tgt Ion: 84 Resp: 94933
Ion Ratio Lower Upper
84 100
49 117.8 101.9 152.9
51 34.9 29.8 44.8
86 60.3 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 51.487 ug/l
RT: 5.116 min Scan# 5116
Delta R.T. -0.006 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

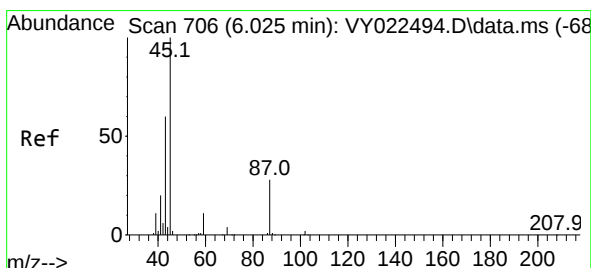
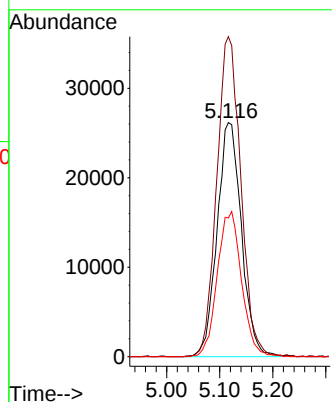
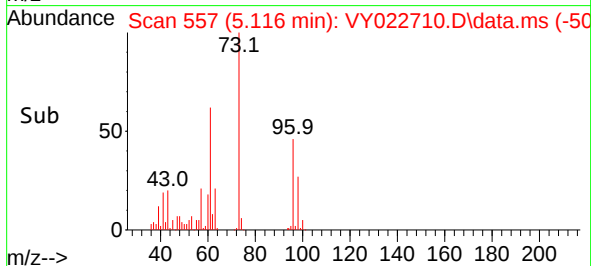
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 83360
Ion Ratio Lower Upper
96 100
61 136.7 112.6 169.0
98 59.3 50.6 75.8

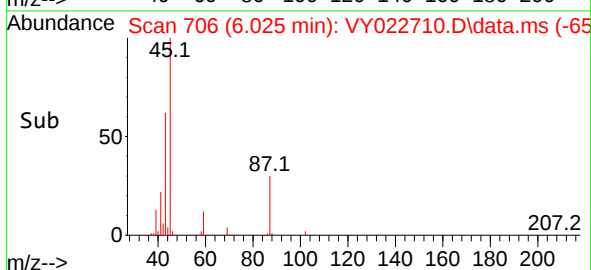
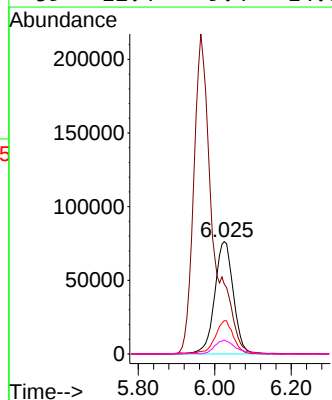
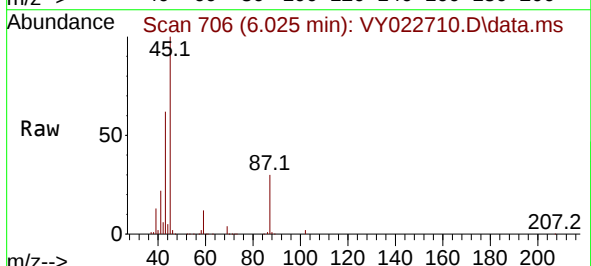
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025



#22
Diisopropyl ether
Concen: 51.002 ug/l
RT: 6.025 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

Tgt Ion: 45 Resp: 257814
Ion Ratio Lower Upper
45 100
43 61.8 48.3 72.5
87 29.7 23.0 34.6
59 12.4 9.4 14.0





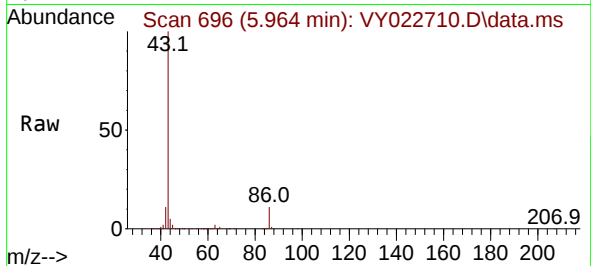
#23
 Vinyl Acetate
 Concen: 249.432 ug/l
 RT: 5.964 min Scan# 697
 Delta R.T. -0.006 min
 Lab File: VY022710.D
 Acq: 16 Jun 2025 16:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

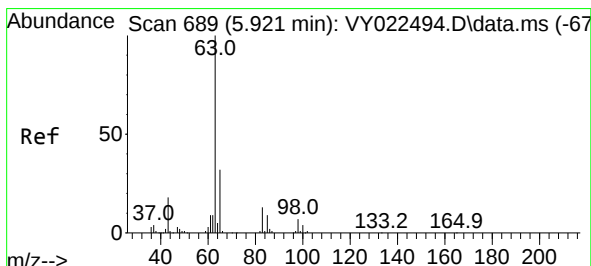
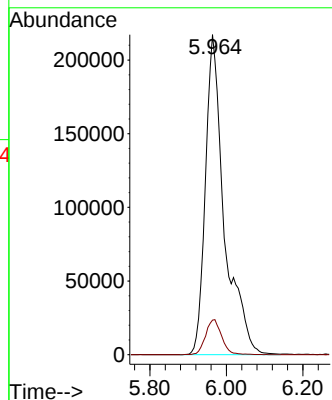
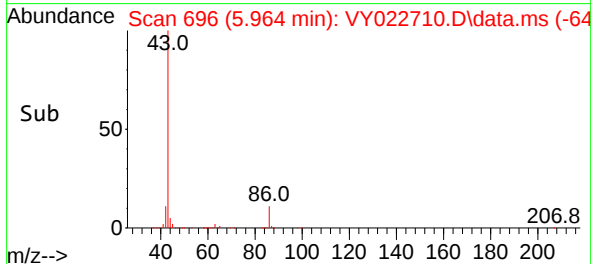


Tgt Ion: 43 Resp: 746275
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 12.8

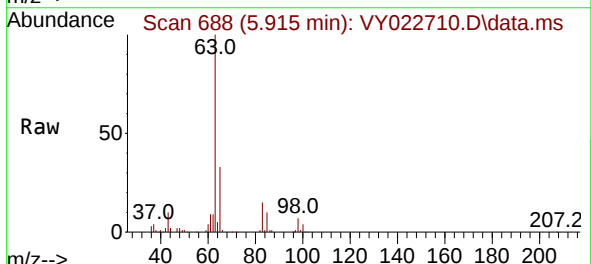
Manual Integrations

APPROVED

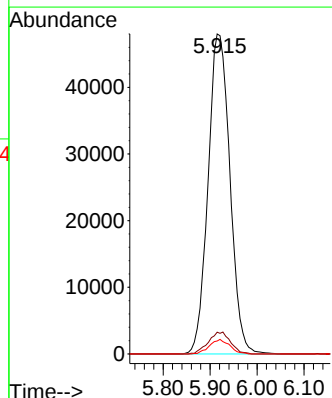
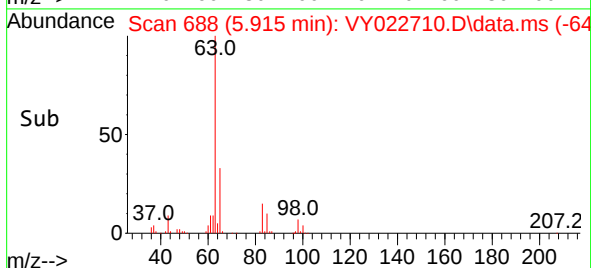
Reviewed By :Semsettin Yesilyurt 06/17/2025
 Supervised By :Mahesh Dadoda 06/17/2025



#24
 1,1-Dichloroethane
 Concen: 52.136 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY022710.D
 Acq: 16 Jun 2025 16:55



Tgt Ion: 63 Resp: 155258
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.1
 100 4.0 2.1 6.3





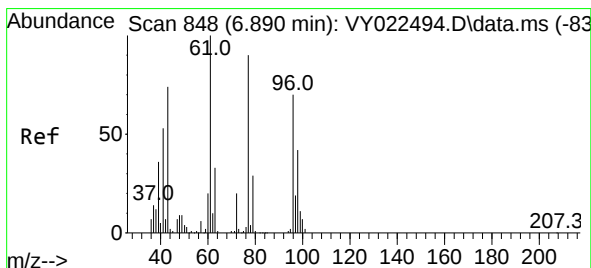
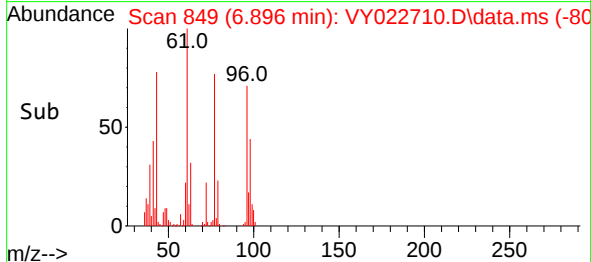
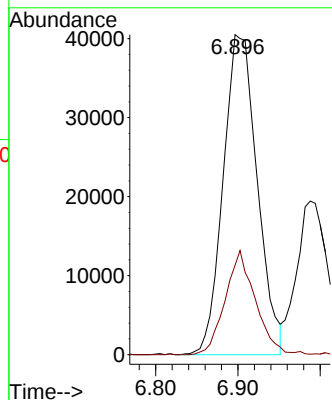
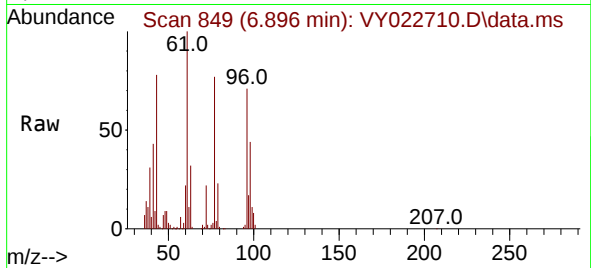
#25
2-Butanone
Concen: 257.879 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 11655
Ion Ratio Lower Upper
43 100
72 27.9 22.9 34.3

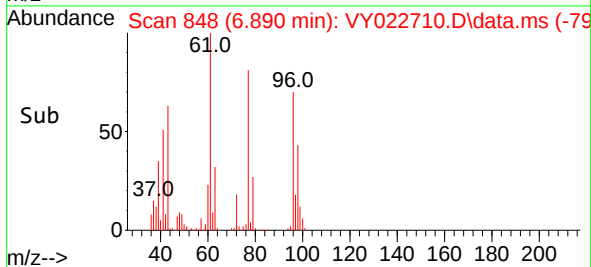
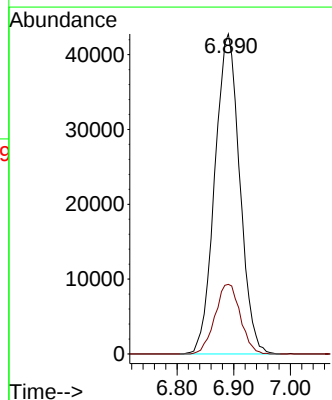
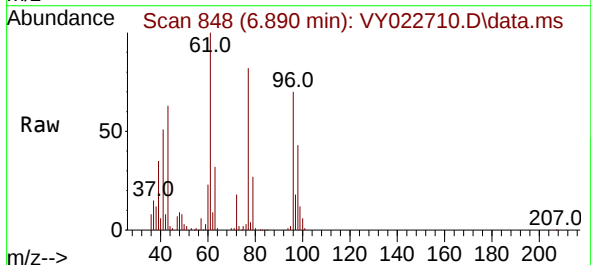
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025



#26
2,2-Dichloropropane
Concen: 49.599 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

Tgt Ion: 77 Resp: 130505
Ion Ratio Lower Upper
77 100
97 22.0 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 53.374 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY022710.D

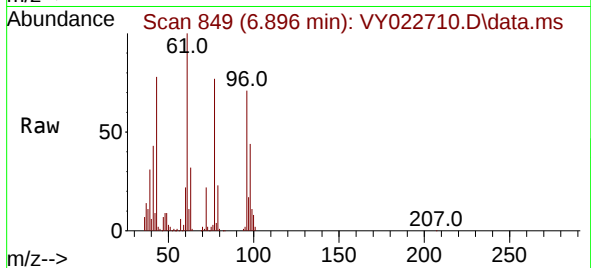
Acq: 16 Jun 2025 16:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

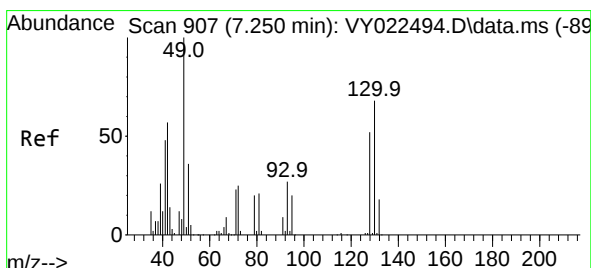
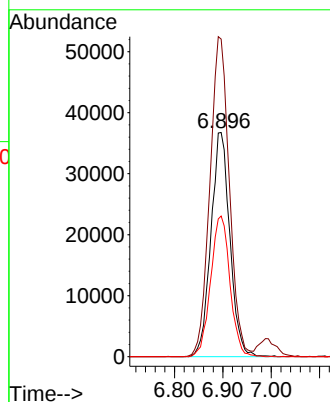
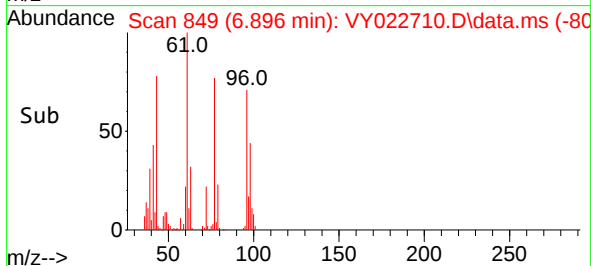


Tgt Ion:	96	Resp:	9988
Ion Ratio	Lower	Upper	
96	100		
61	146.7	0.0	290.0
98	63.9	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025



#28

Bromochloromethane

Concen: 53.812 ug/l

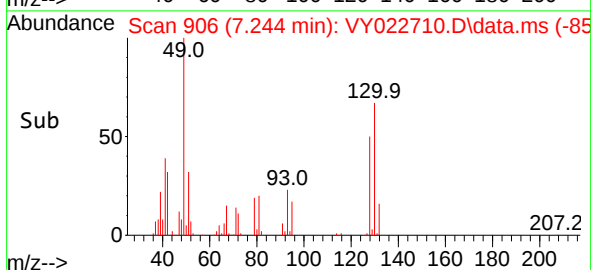
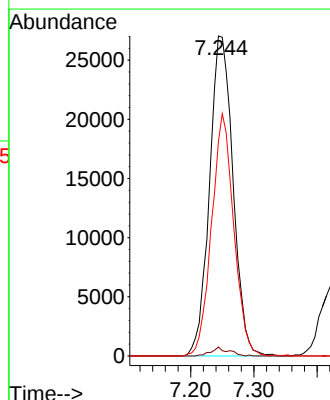
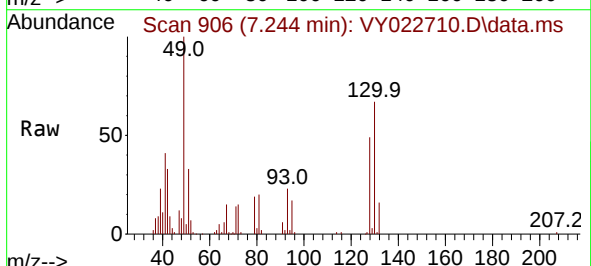
RT: 7.244 min Scan# 906

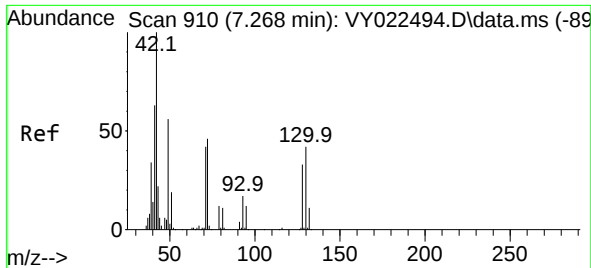
Delta R.T. -0.006 min

Lab File: VY022710.D

Acq: 16 Jun 2025 16:55

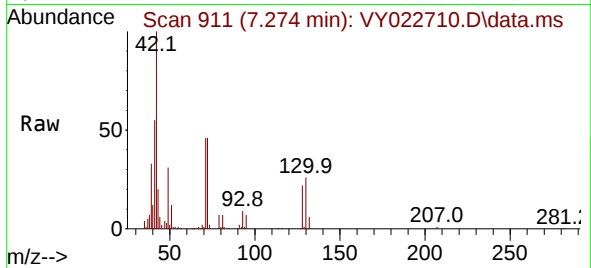
Tgt Ion:	49	Resp:	69854
Ion Ratio	Lower	Upper	
49	100		
129	2.1	0.0	3.6
130	71.2	55.7	83.5





#29
Tetrahydrofuran
Concen: 253.774 ug/l
RT: 7.274 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

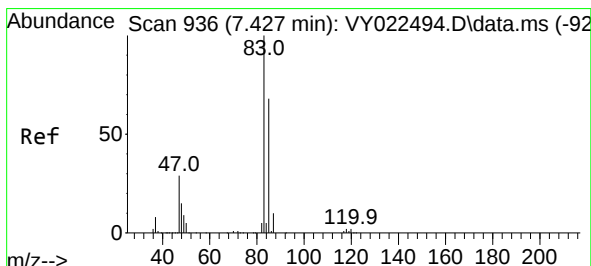
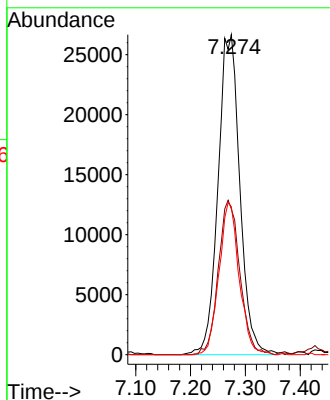
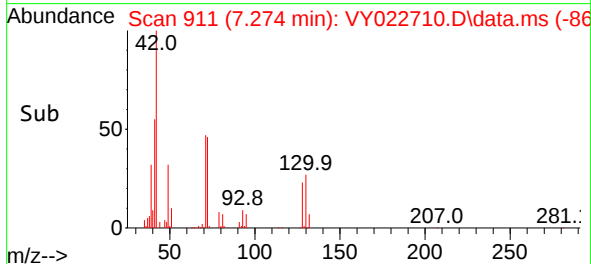
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 73970
Ion Ratio Lower Upper
42 100
72 47.5 37.4 56.2
71 44.1 34.2 51.2

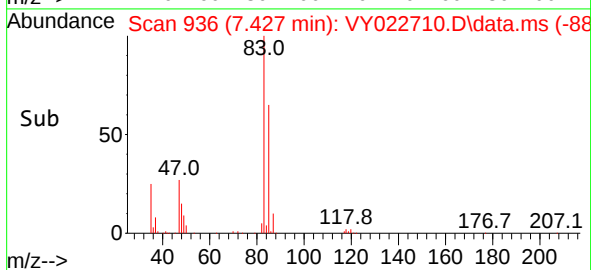
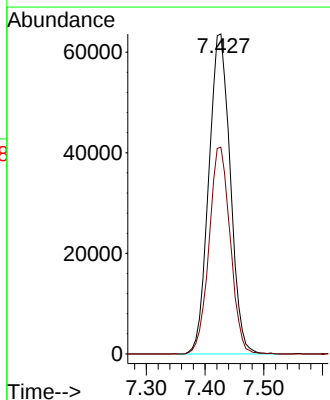
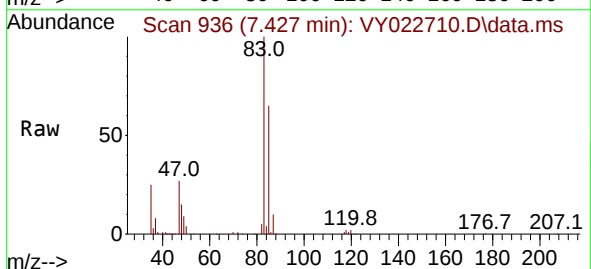
Manual Integrations
APPROVED

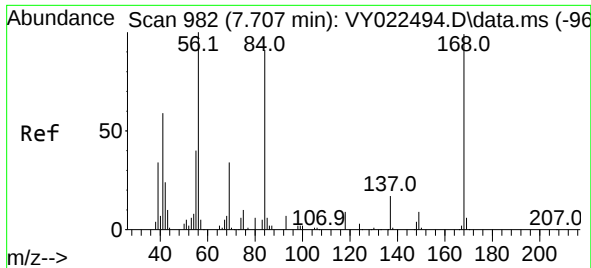
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025



#30
Chloroform
Concen: 54.803 ug/l
RT: 7.427 min Scan# 936
Delta R.T. -0.000 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

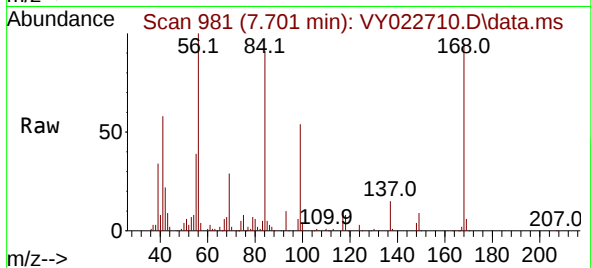
Tgt Ion: 83 Resp: 161650
Ion Ratio Lower Upper
83 100
85 64.6 54.2 81.4





#31
Cyclohexane
Concen: 43.527 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

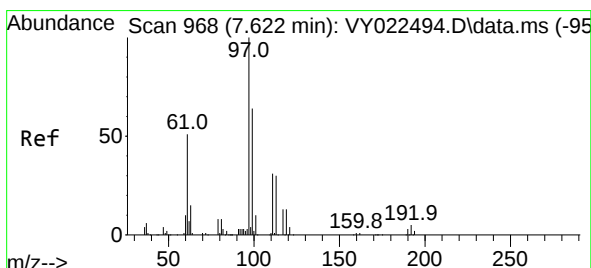
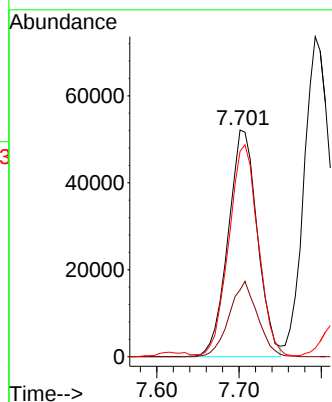
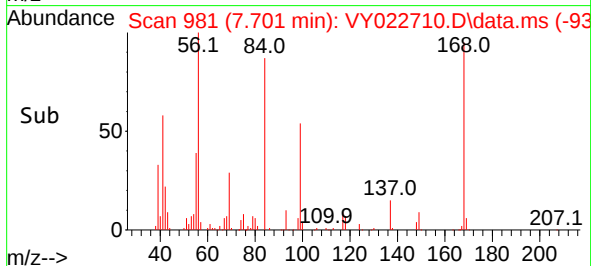
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 129044
Ion Ratio Lower Upper
56 100
69 29.5 27.0 40.6
84 89.0 72.6 109.0

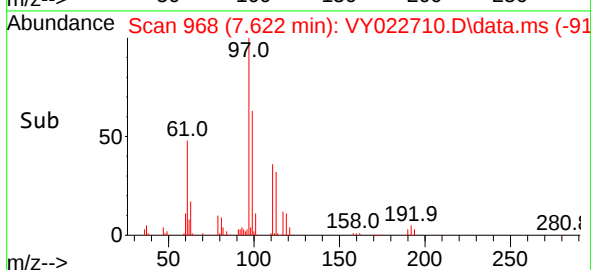
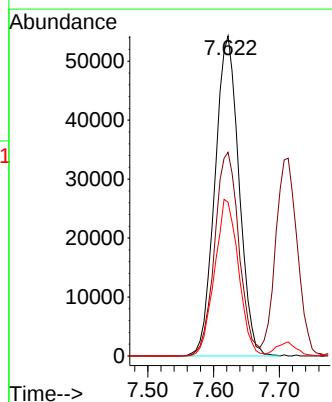
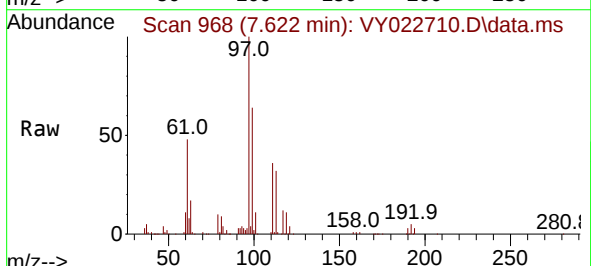
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025



#32
1,1,1-Trichloroethane
Concen: 52.784 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

Tgt Ion: 97 Resp: 138210
Ion Ratio Lower Upper
97 100
99 64.6 50.9 76.3
61 48.7 38.5 57.7





#33
1,2-Dichloroethane-d4
Concen: 51.781 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

Instrument :

MSVOA_Y

ClientSampleId :

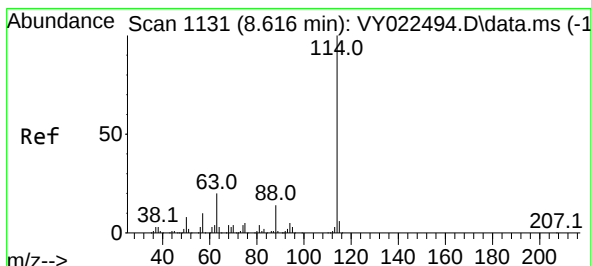
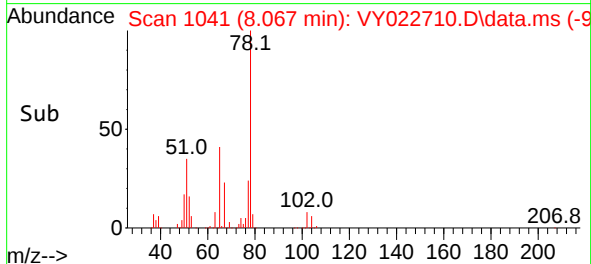
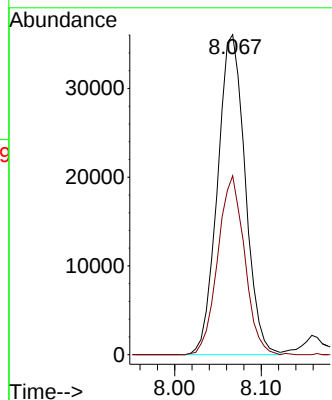
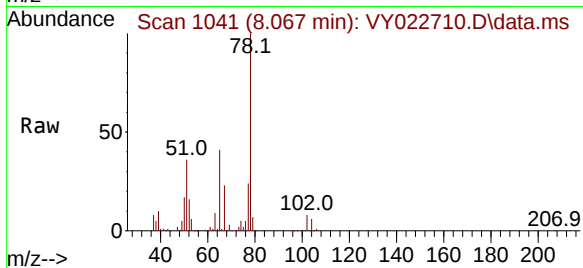
VSTDCCC050EC

Tgt Ion: 65 Resp: 7989
Ion Ratio Lower Upper
65 100
67 54.3 0.0 103.4

Manual Integrations

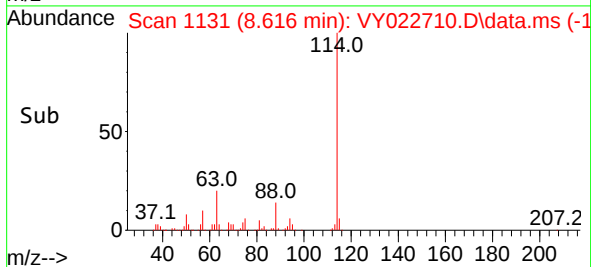
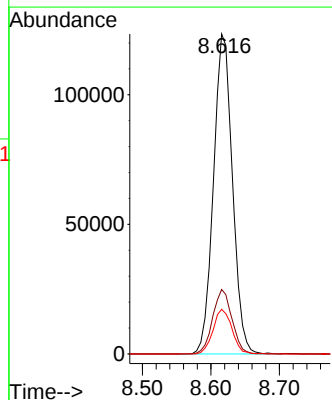
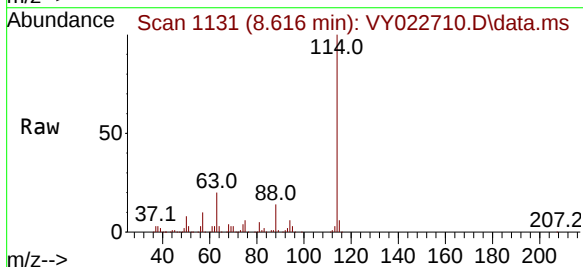
APPROVED

Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

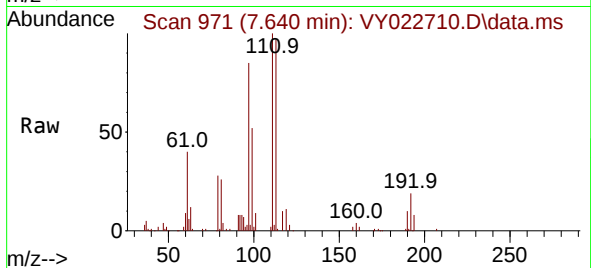
Tgt Ion:114 Resp: 236748
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.8
88 13.9 0.0 27.8





#35
Dibromofluoromethane
Concen: 52.430 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

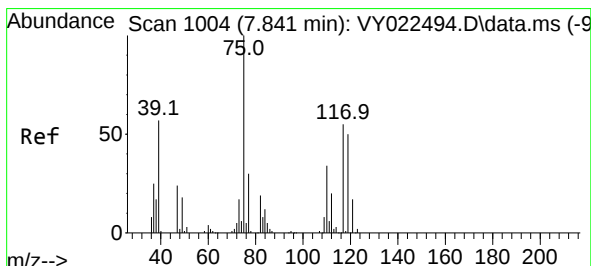
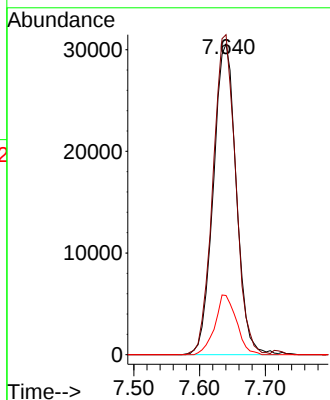
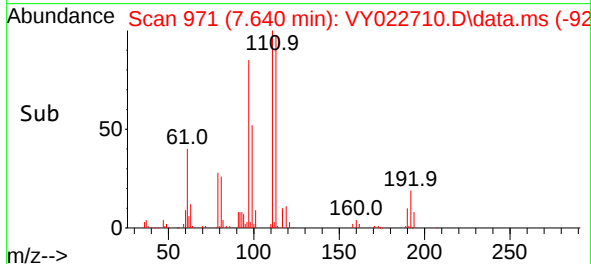
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



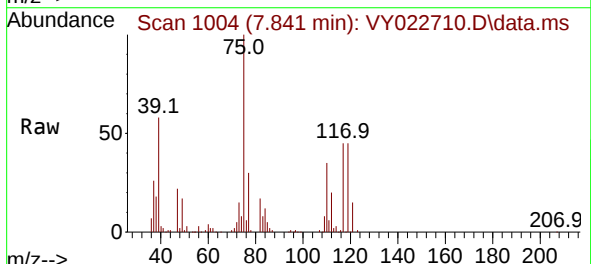
Tgt Ion: 113 Resp: 74089
Ion Ratio Lower Upper
113 100
111 102.3 81.1 121.7
192 18.1 14.2 21.2

Manual Integrations
APPROVED

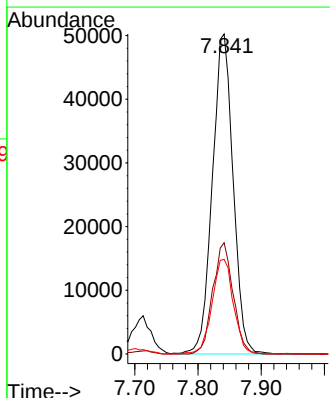
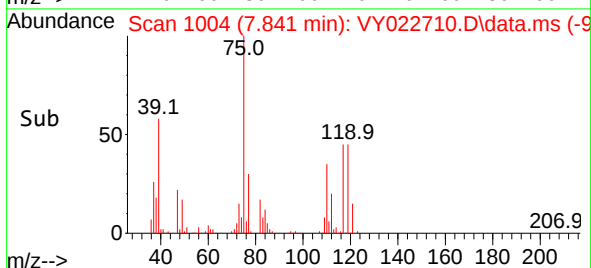
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025



#36
1,1-Dichloropropene
Concen: 49.798 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55



Tgt Ion: 75 Resp: 114209
Ion Ratio Lower Upper
75 100
110 34.0 16.9 50.7
77 30.4 24.8 37.2





#37

Ethyl Acetate

Concen: 52.401 ug/l

RT: 6.988 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY022710.D

Acq: 16 Jun 2025 16:55

Instrument :

MSVOA_Y

ClientSampleId :

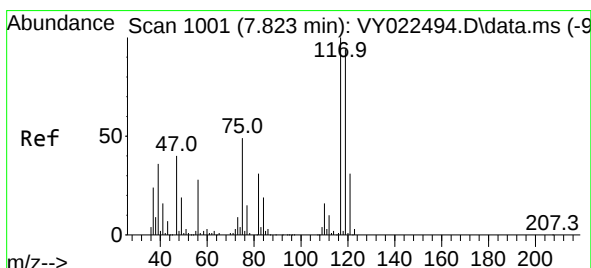
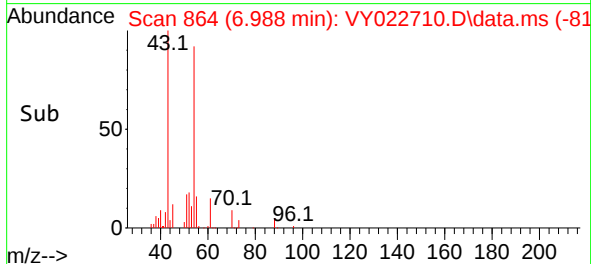
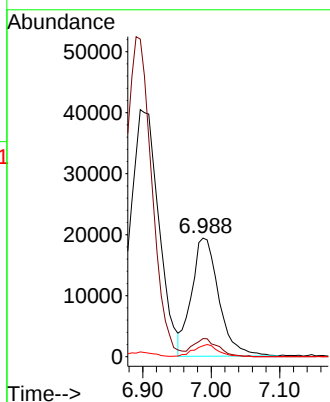
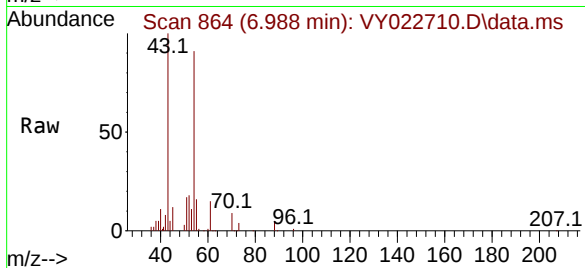
VSTDCCC050EC

Tgt Ion:	43	Resp:	53594
Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.5	17.3
70	9.3	7.2	10.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025



#38

Carbon Tetrachloride

Concen: 50.410 ug/l

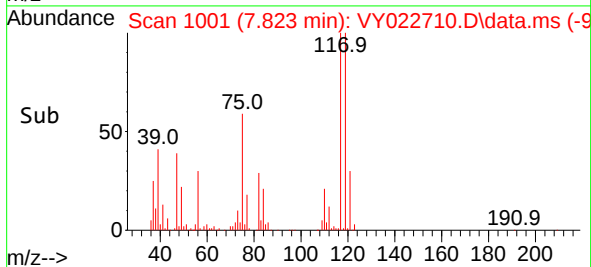
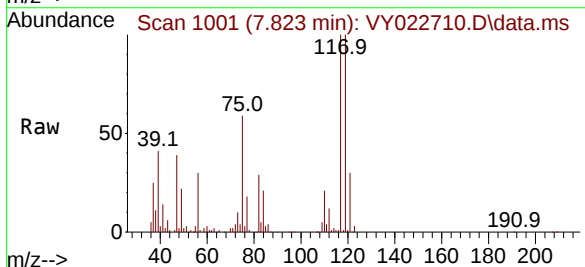
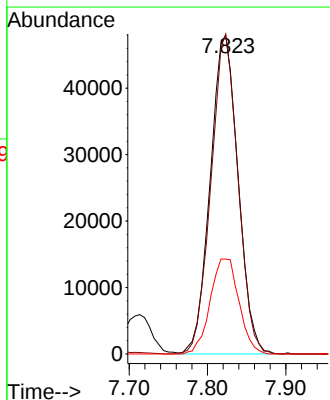
RT: 7.823 min Scan# 1001

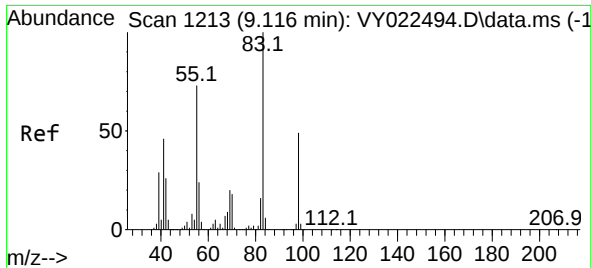
Delta R.T. -0.000 min

Lab File: VY022710.D

Acq: 16 Jun 2025 16:55

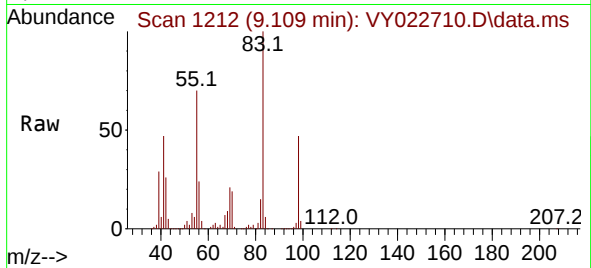
Tgt Ion:	117	Resp:	118602
Ion	Ratio	Lower	Upper
117	100		
119	100.4	75.0	112.6
121	29.8	25.0	37.4





#39
Methylcyclohexane
Concen: 46.329 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

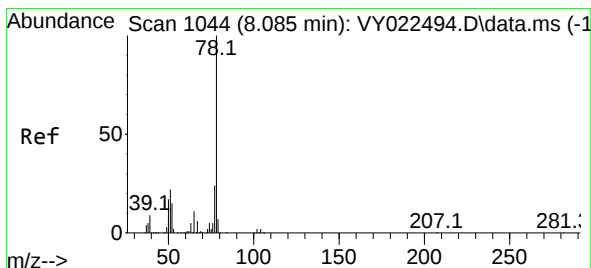
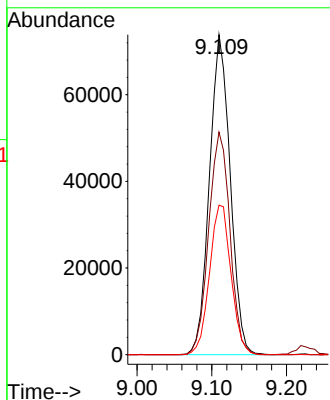
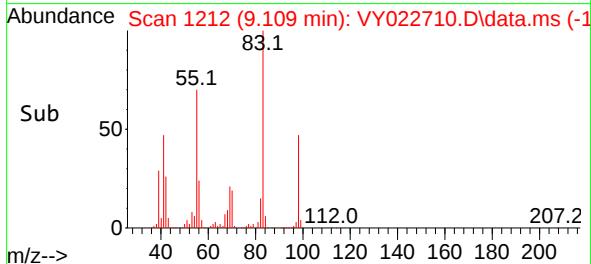
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



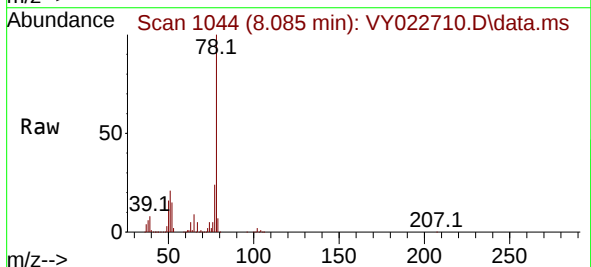
Tgt Ion: 83 Resp: 14279
Ion Ratio Lower Upper
83 100
55 69.6 58.1 87.1
98 46.7 39.0 58.6

Manual Integrations
APPROVED

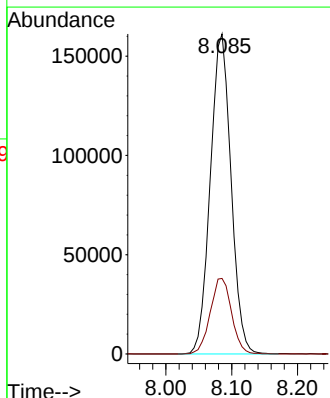
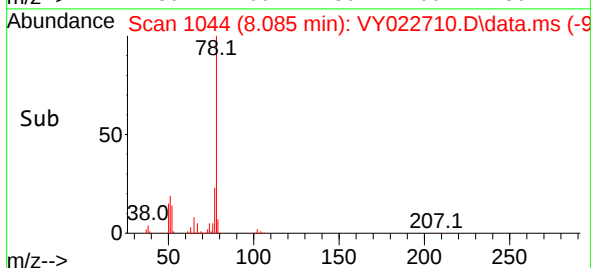
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025

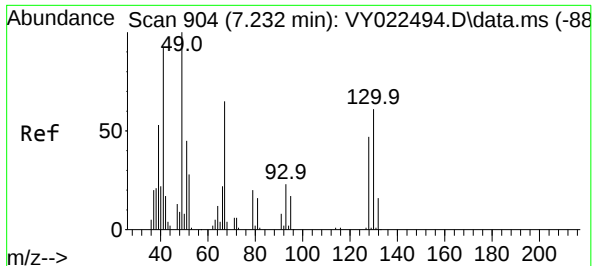


#40
Benzene
Concen: 52.152 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55



Tgt Ion: 78 Resp: 353278
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9





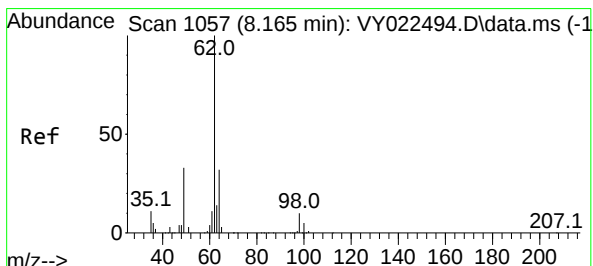
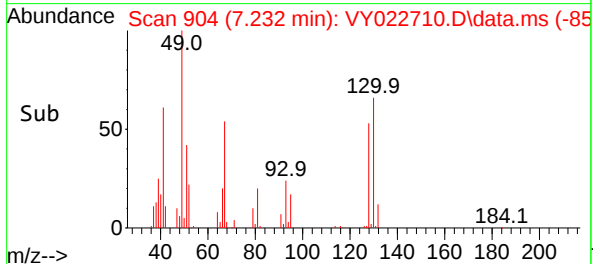
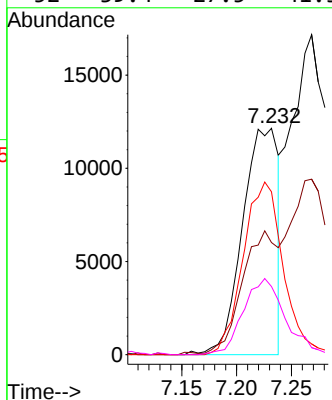
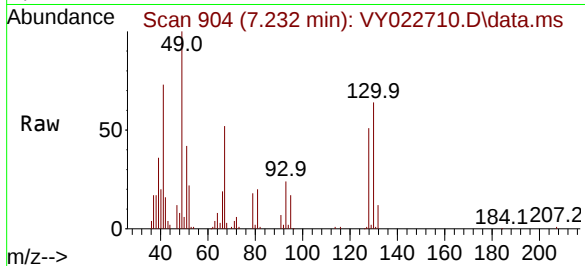
#41
Methacrylonitrile
Concen: 46.208 ug/l
RT: 7.232 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	2760
Ion Ratio	Lower	Upper	
41	100		
39	52.9	46.6	69.8
67	85.6	63.3	94.9
52	39.4	27.5	41.3

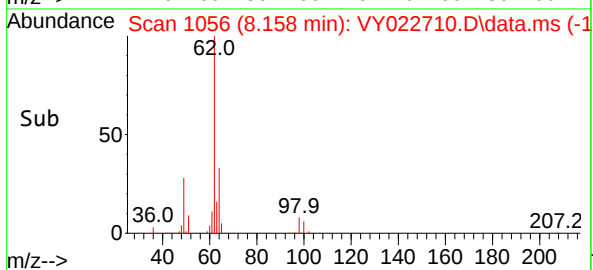
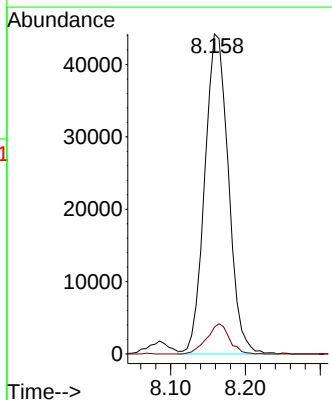
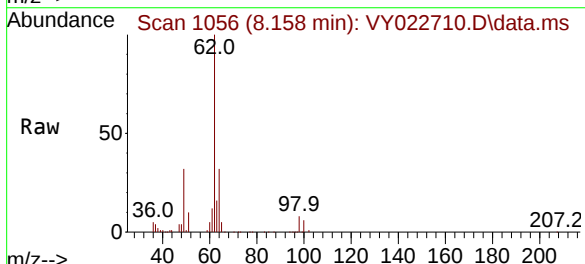
Manual Integrations
APPROVED

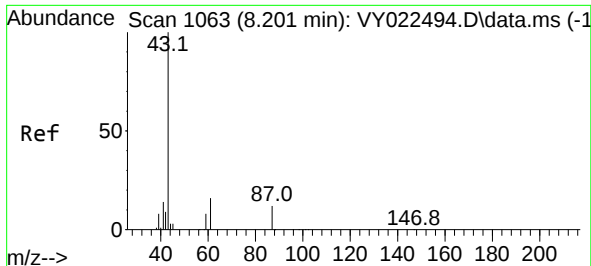
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025



#42
1,2-Dichloroethane
Concen: 52.679 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

Tgt Ion:	62	Resp:	97435
Ion Ratio	Lower	Upper	
62	100		
98	9.0	0.0	19.2





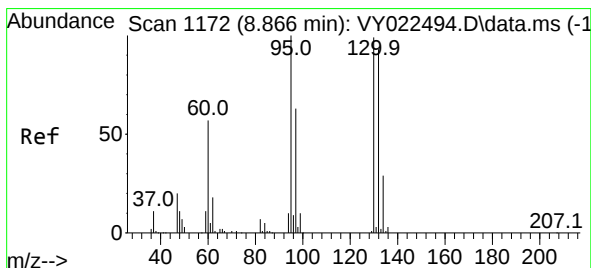
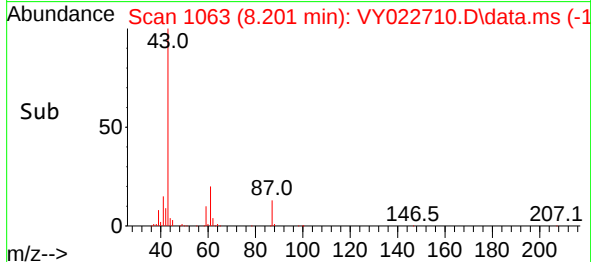
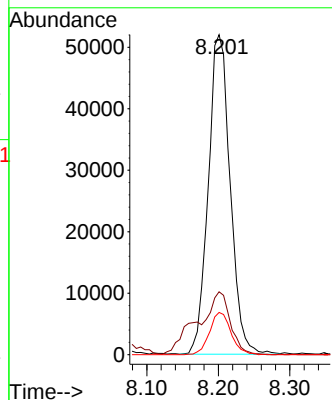
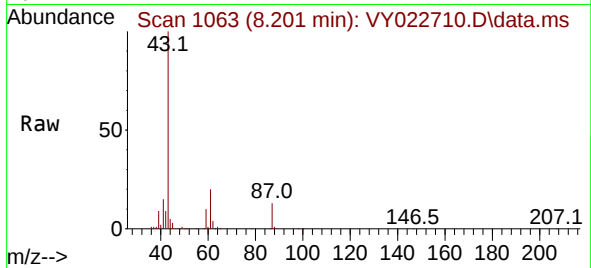
#43
Isopropyl Acetate
Concen: 50.078 ug/l
RT: 8.201 min Scan# 110618
Delta R.T. -0.000 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 110618
Ion Ratio Lower Upper
43 100
61 29.3 15.6 23.4
87 13.0 10.2 15.4

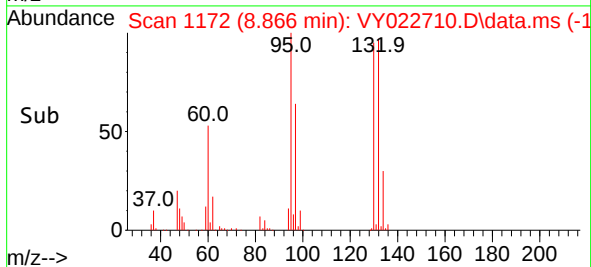
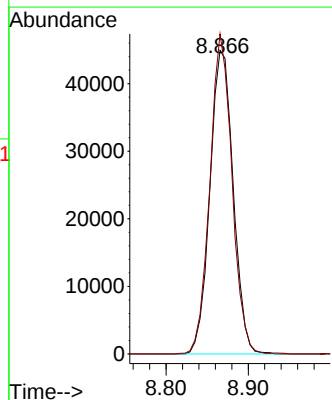
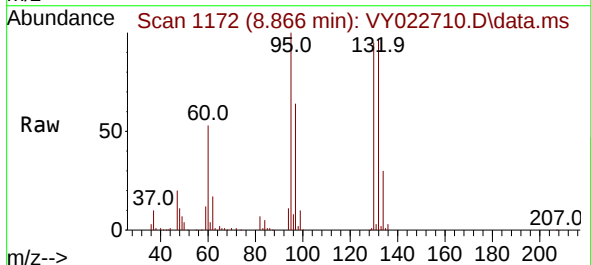
Manual Integrations
APPROVED

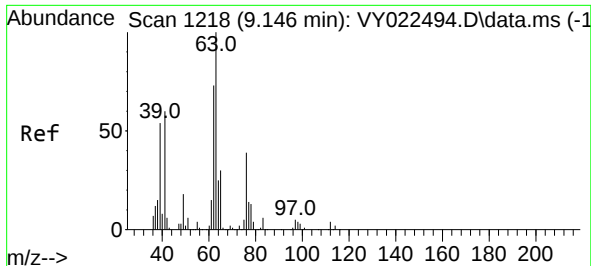
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025



#44
Trichloroethene
Concen: 53.249 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

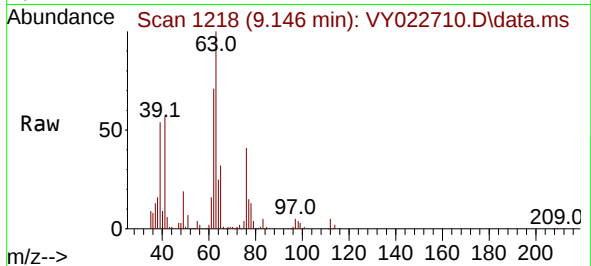
Tgt Ion:130 Resp: 88158
Ion Ratio Lower Upper
130 100
95 105.2 0.0 203.0





#45
1,2-Dichloropropane
Concen: 52.735 ug/l
RT: 9.146 min Scan# 1218
Delta R.T. -0.000 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

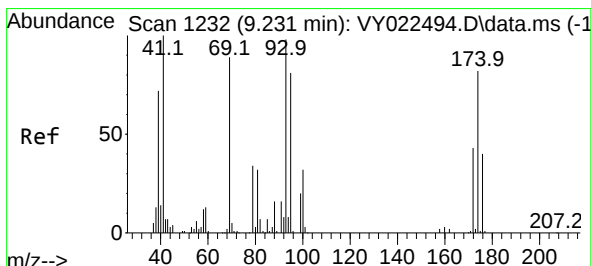
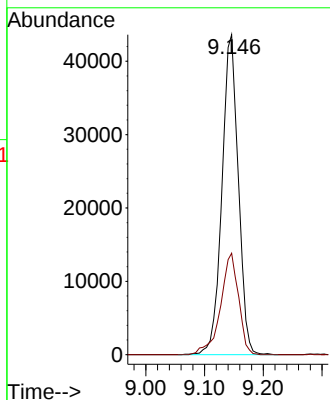
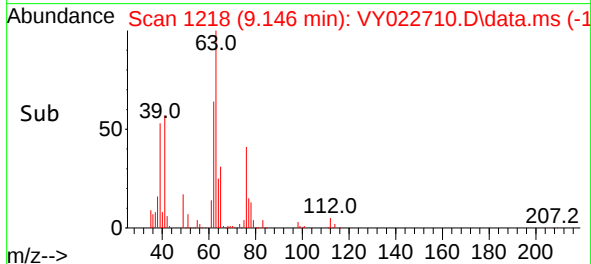
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 84424
Ion Ratio Lower Upper
63 100
65 31.7 24.0 36.0

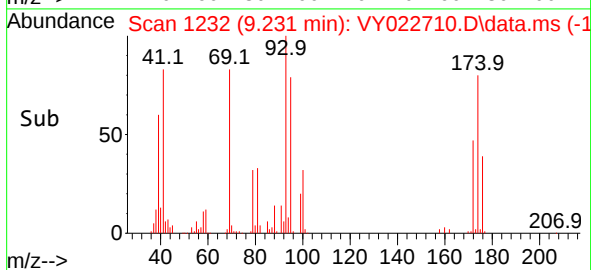
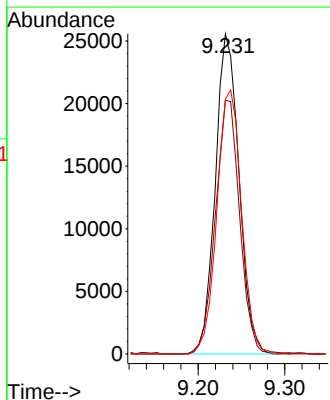
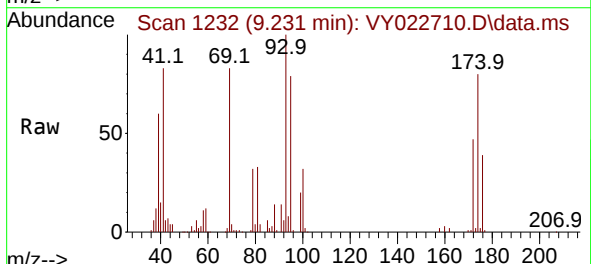
Manual Integrations
APPROVED

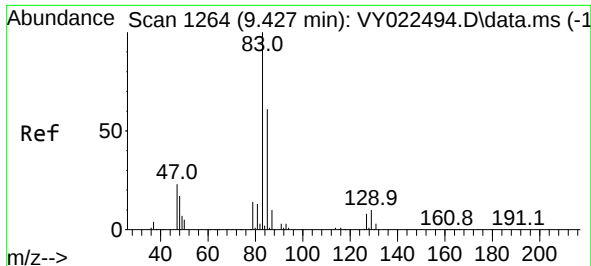
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025



#46
Dibromomethane
Concen: 53.929 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

Tgt Ion: 93 Resp: 48571
Ion Ratio Lower Upper
93 100
95 81.4 65.6 98.4
174 85.7 70.4 105.6





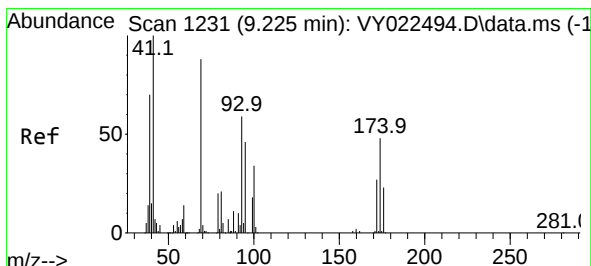
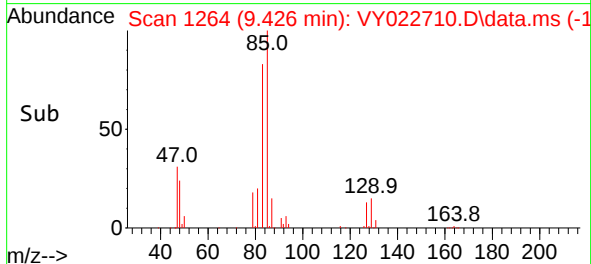
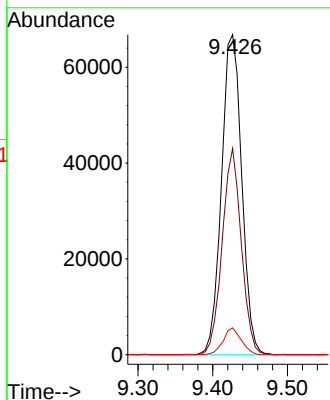
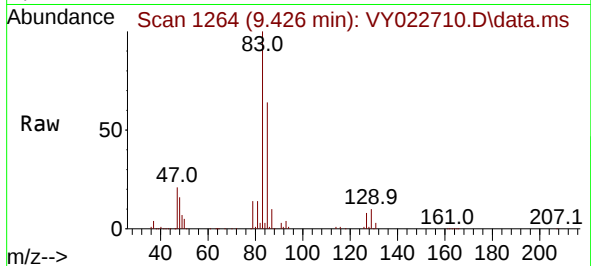
#47
Bromodichloromethane
Concen: 55.076 ug/l
RT: 9.426 min Scan# 125778
Delta R.T. -0.000 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 125778
Ion Ratio Lower Upper
83 100
85 64.4 49.1 73.7
127 8.4 6.2 9.4

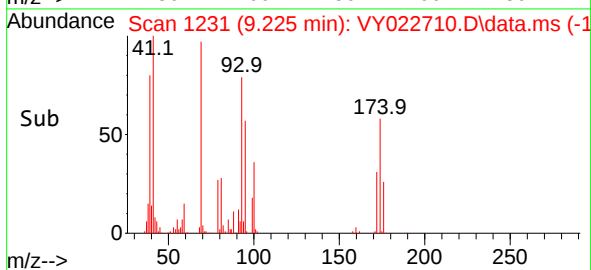
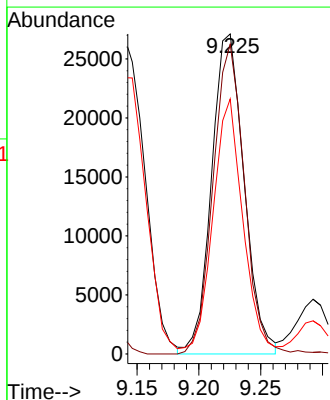
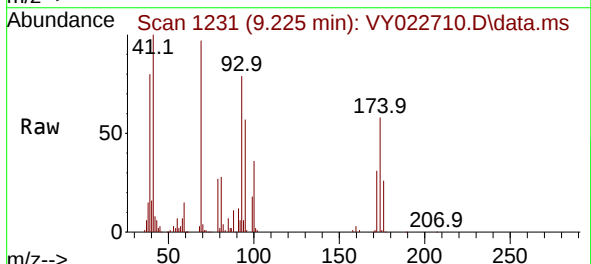
Manual Integrations
APPROVED

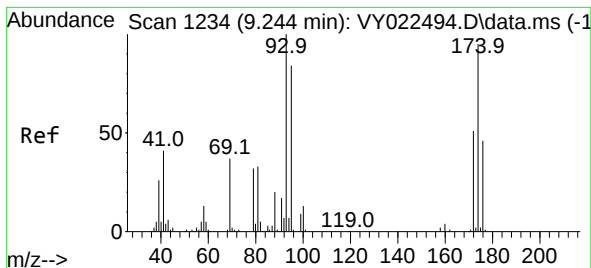
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025



#48
Methyl methacrylate
Concen: 47.993 ug/l m
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

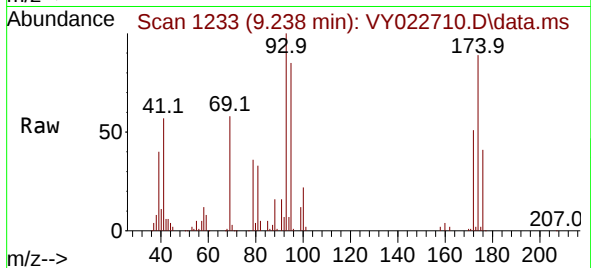
Tgt Ion: 41 Resp: 49755
Ion Ratio Lower Upper
41 100
69 93.7 67.8 101.8
39 73.1 55.0 82.4





#49
1,4-Dioxane
Concen: 1001.869 ug/l
RT: 9.238 min Scan# 1233
Delta R.T. -0.006 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

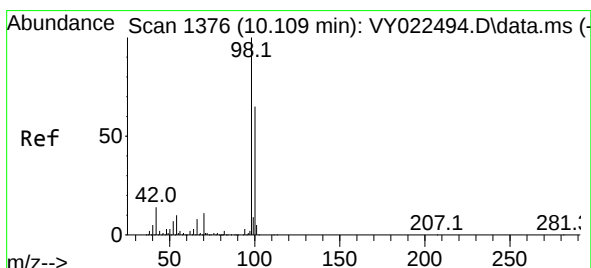
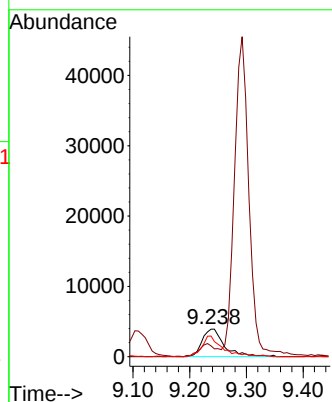
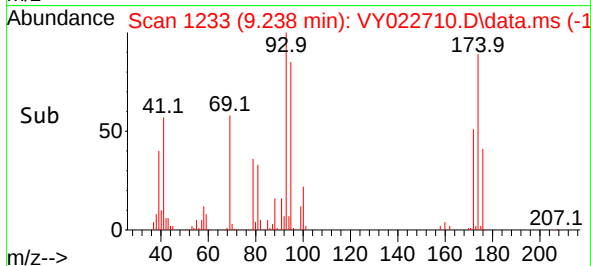
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 10690
Ion Ratio Lower Upper
88 100
43 38.2 25.4 38.2
58 68.7 54.9 82.3

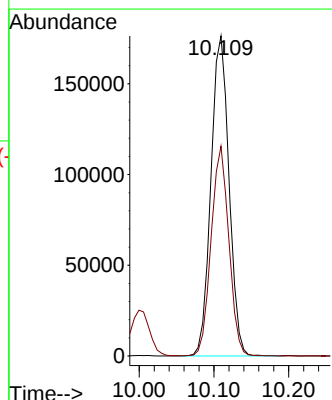
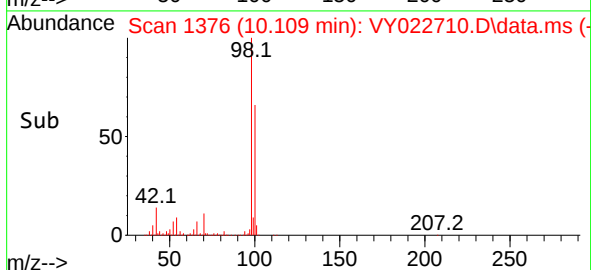
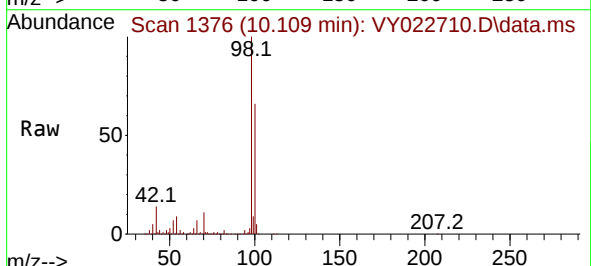
Manual Integrations
APPROVED

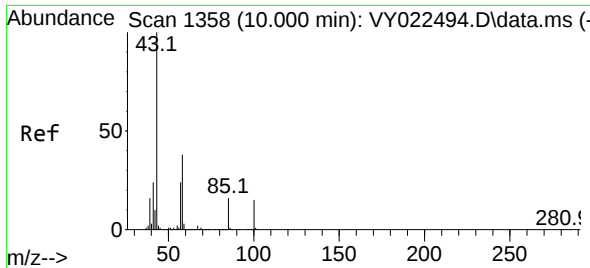
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025



#50
Toluene-d8
Concen: 51.827 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

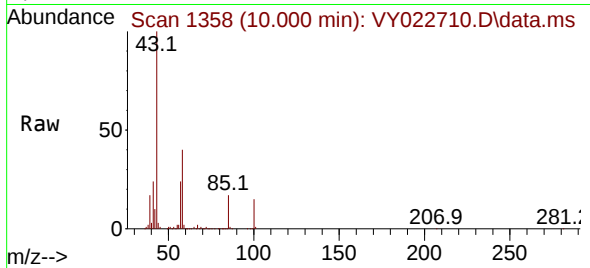
Tgt Ion: 98 Resp: 295921
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 263.816 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

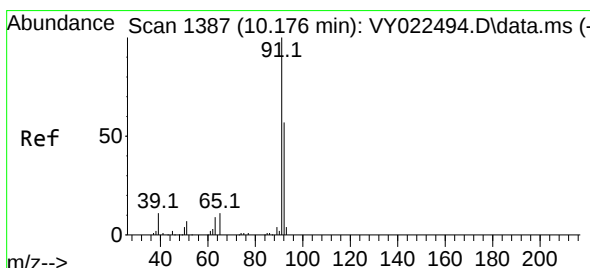
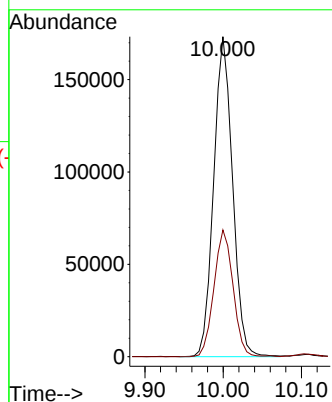
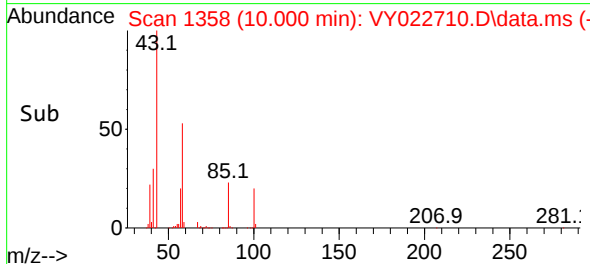
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 290539
Ion Ratio Lower Upper
43 100
58 40.1 30.4 45.6

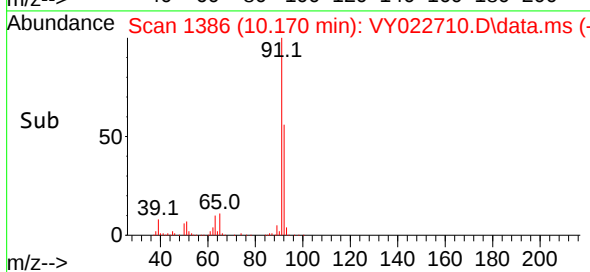
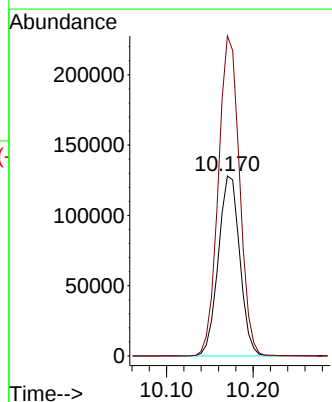
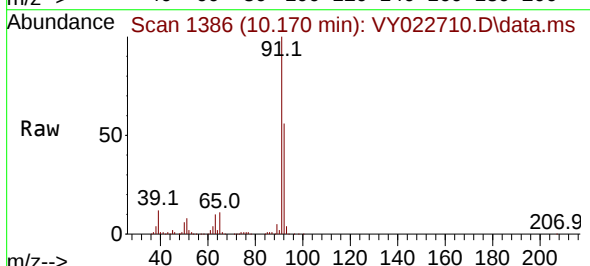
Manual Integrations
APPROVED

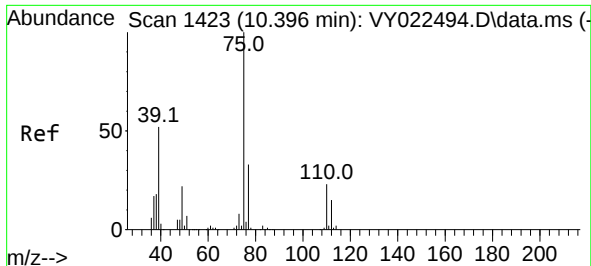
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025



#52
Toluene
Concen: 51.756 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

Tgt Ion: 92 Resp: 220323
Ion Ratio Lower Upper
92 100
91 176.2 139.0 208.4





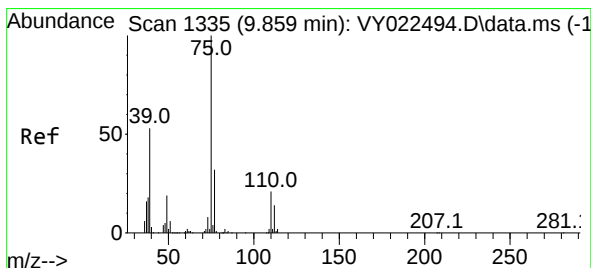
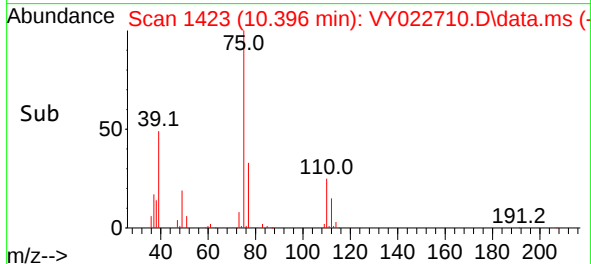
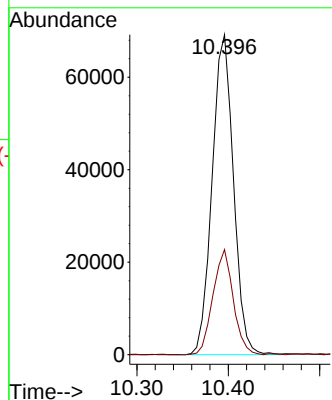
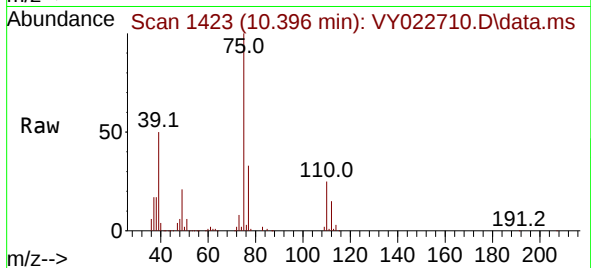
#53
t-1,3-Dichloropropene
Concen: 52.386 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 112095
Ion Ratio Lower Upper
75 100
77 32.9 26.5 39.7

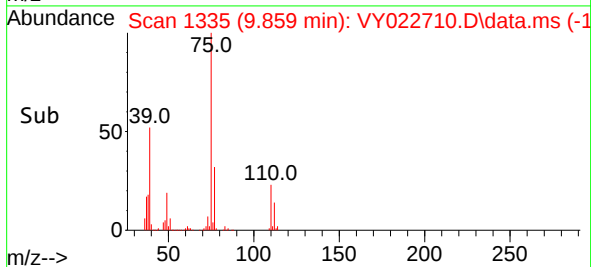
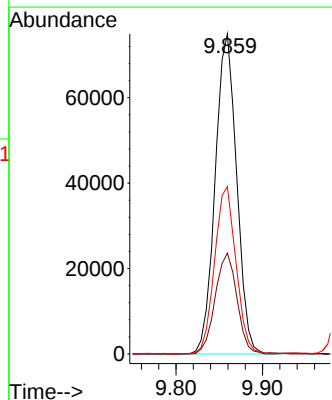
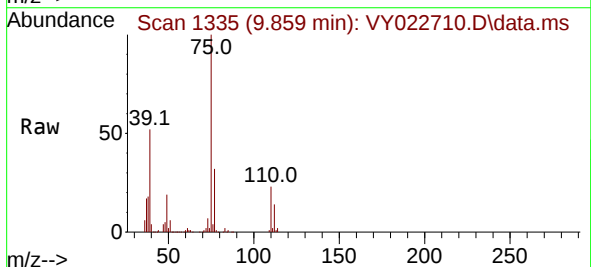
Manual Integrations
APPROVED

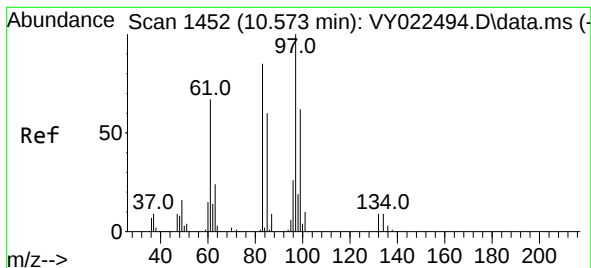
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025



#54
cis-1,3-Dichloropropene
Concen: 51.799 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

Tgt Ion: 75 Resp: 129022
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9
39 52.2 42.7 64.1





#55

1,1,2-Trichloroethane

Concen: 53.099 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. -0.000 min

Lab File: VY022710.D

Acq: 16 Jun 2025 16:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 6098

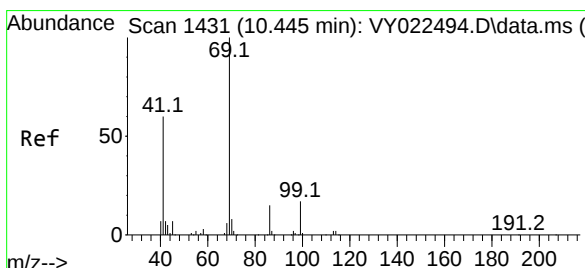
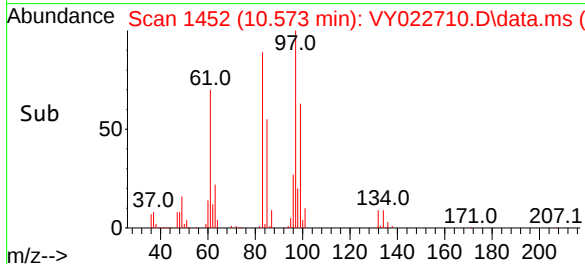
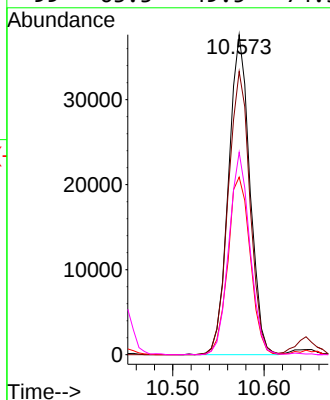
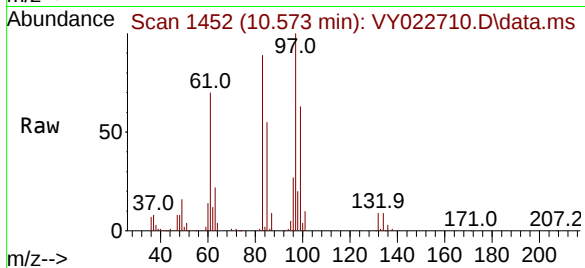
Ion	Ratio	Lower	Upper
97	100		
83	88.5	68.1	102.1
85	55.5	48.2	72.2
99	63.3	49.5	74.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/17/2025

Supervised By :Mahesh Dadoda 06/17/2025



#56

Ethyl methacrylate

Concen: 53.077 ug/l

RT: 10.438 min Scan# 1430

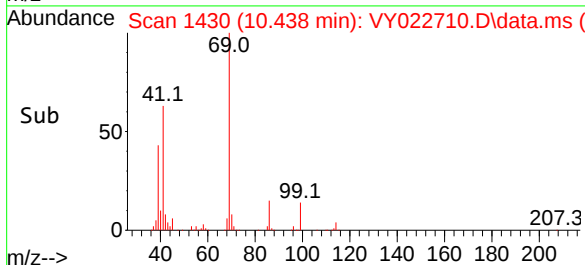
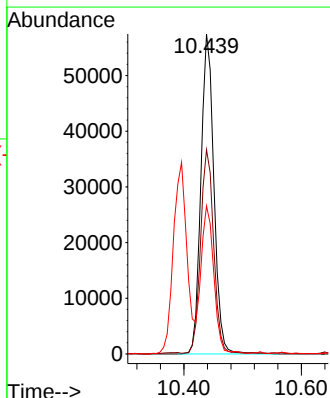
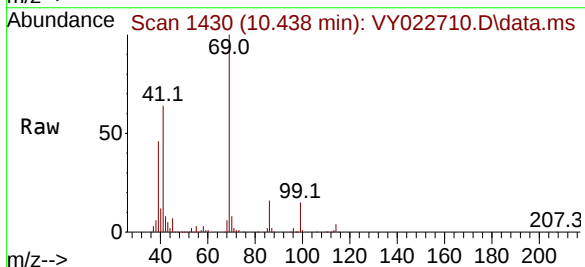
Delta R.T. -0.006 min

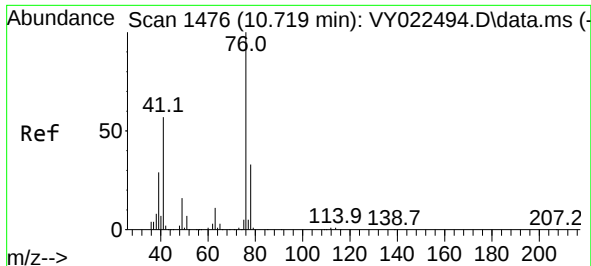
Lab File: VY022710.D

Acq: 16 Jun 2025 16:55

Tgt Ion: 69 Resp: 88101

Ion	Ratio	Lower	Upper
69	100		
41	63.8	52.2	78.2
39	44.5	36.7	55.1





#57

1,3-Dichloropropane

Concen: 53.030 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY022710.D

Acq: 16 Jun 2025 16:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 10794

Ion Ratio Lower Upper

76 100

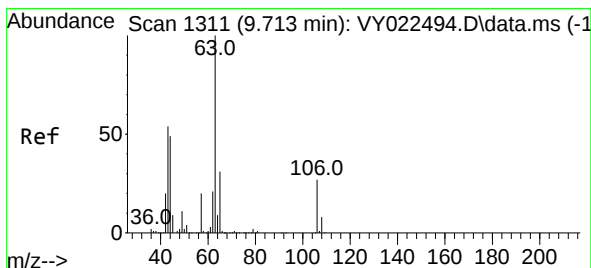
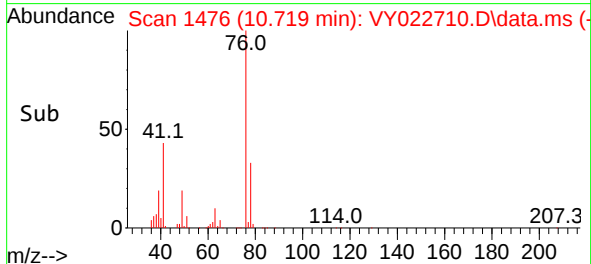
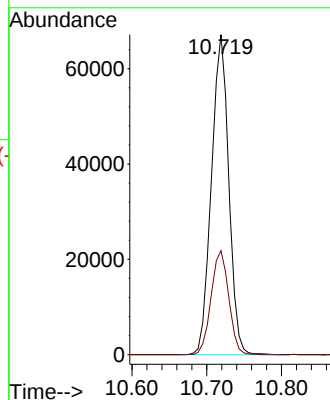
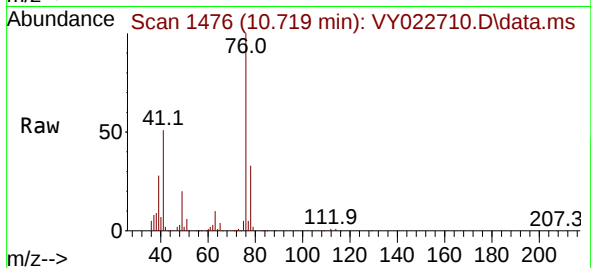
78 33.1 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/17/2025

Supervised By :Mahesh Dadoda 06/17/2025



#58

2-Chloroethyl Vinyl ether

Concen: 298.467 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY022710.D

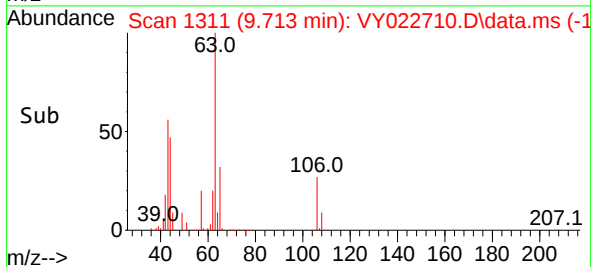
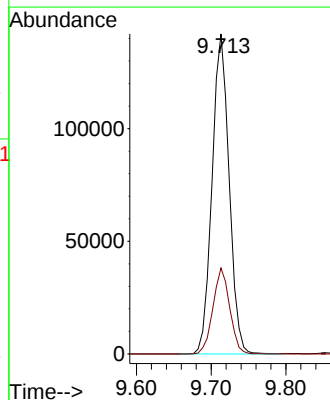
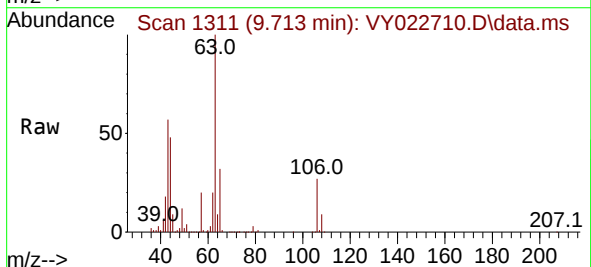
Acq: 16 Jun 2025 16:55

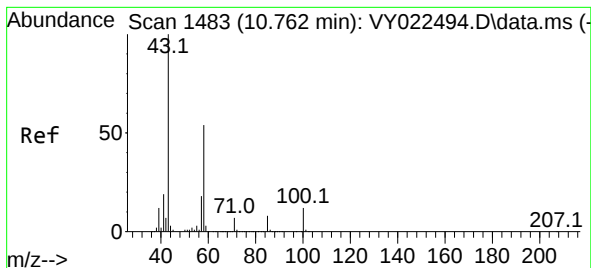
Tgt Ion: 63 Resp: 224931

Ion Ratio Lower Upper

63 100

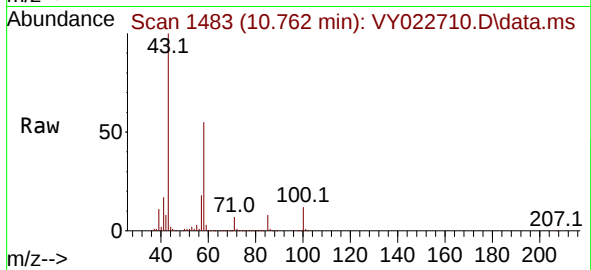
106 26.3 21.6 32.4





#59
2-Hexanone
Concen: 257.533 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

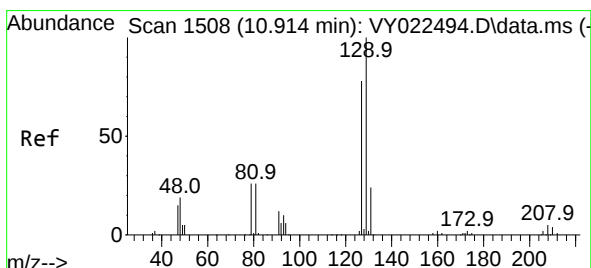
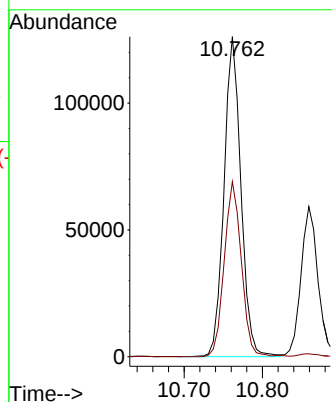
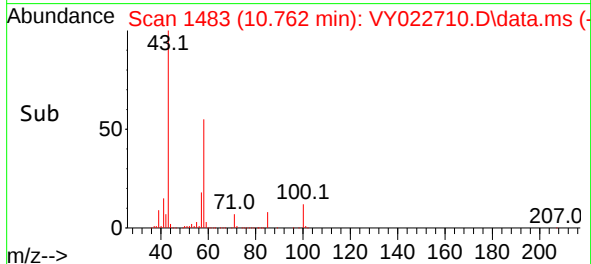
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



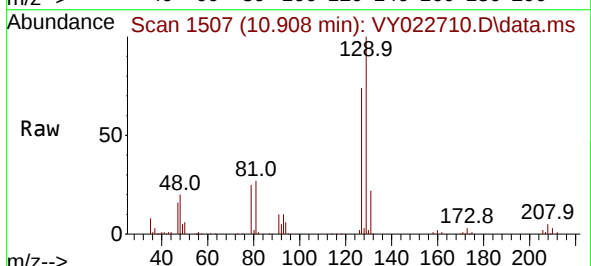
Tgt Ion: 43 Resp: 189682
Ion Ratio Lower Upper
43 100
58 55.5 27.3 81.8

Manual Integrations
APPROVED

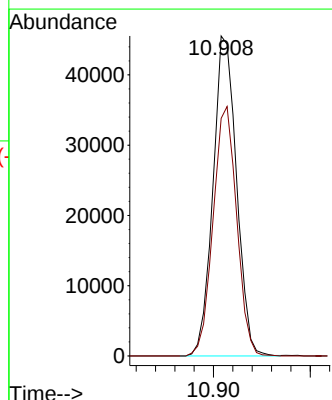
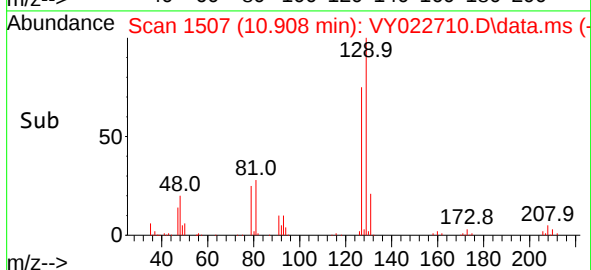
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025

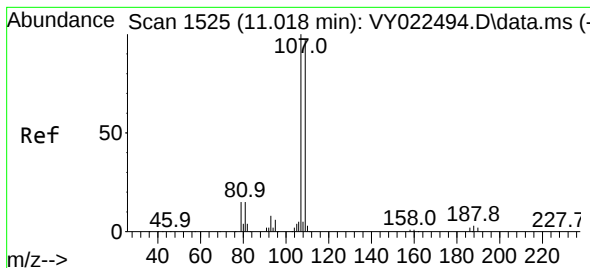


#60
Dibromochloromethane
Concen: 52.685 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55



Tgt Ion:129 Resp: 76892
Ion Ratio Lower Upper
129 100
127 78.1 39.1 117.2





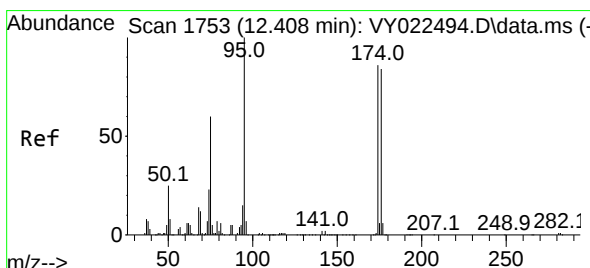
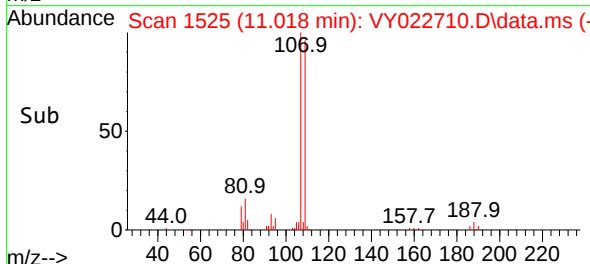
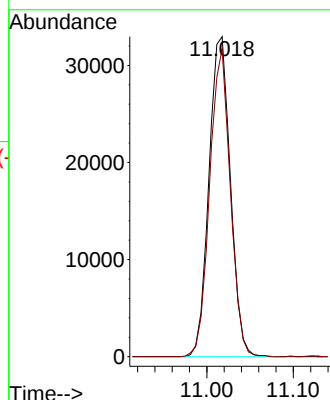
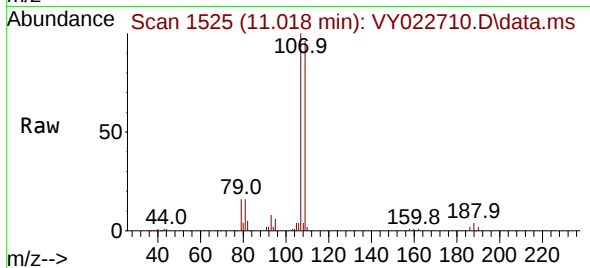
#61
1,2-Dibromoethane
Concen: 54.081 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 56609
Ion Ratio Lower Upper
107 100
109 92.6 77.7 116.5

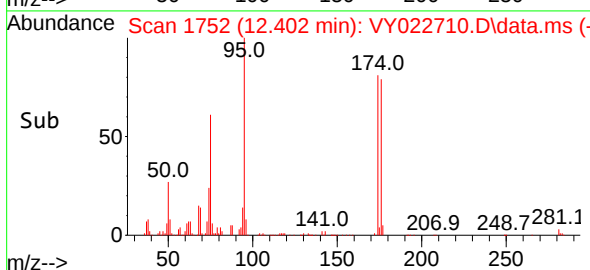
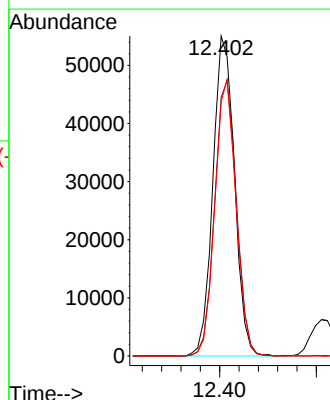
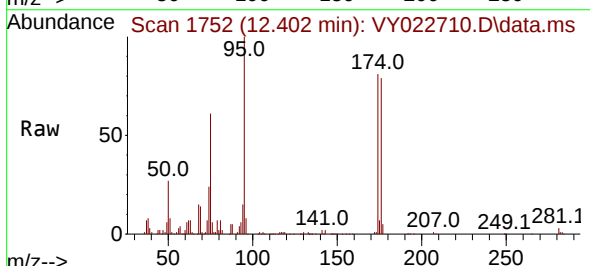
Manual Integrations
APPROVED

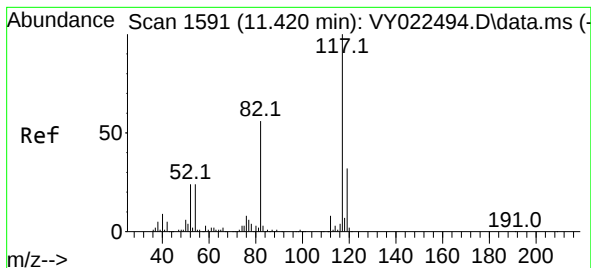
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025



#62
4-Bromofluorobenzene
Concen: 49.999 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

Tgt Ion: 95 Resp: 85060
Ion Ratio Lower Upper
95 100
174 86.9 0.0 170.0
176 84.6 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022710.D

Acq: 16 Jun 2025 16:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDC0050EC

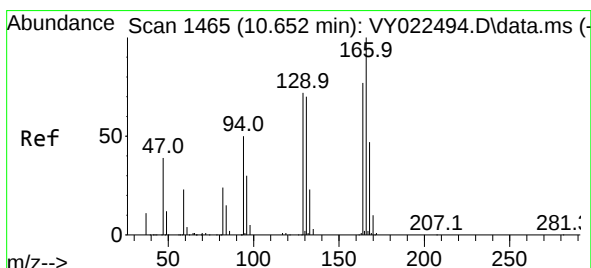
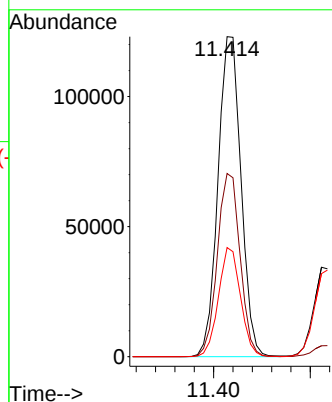
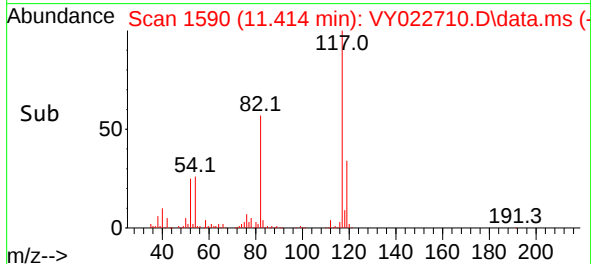
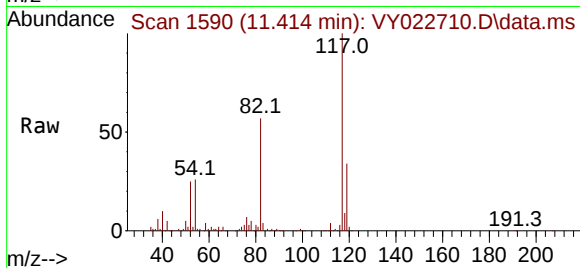
Tgt Ion:117 Resp: 203484

Ion	Ratio	Lower	Upper
117	100		
82	57.2	44.6	66.8
119	34.1	25.4	38.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025



#64

Tetrachloroethene

Concen: 60.495 ug/l

RT: 10.646 min Scan# 1464

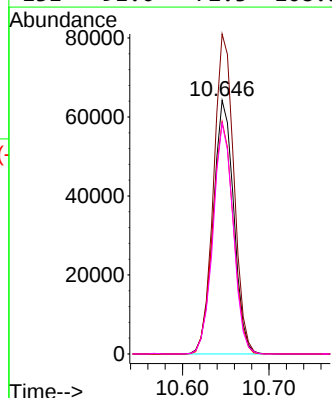
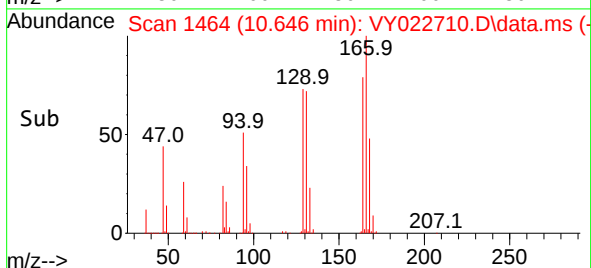
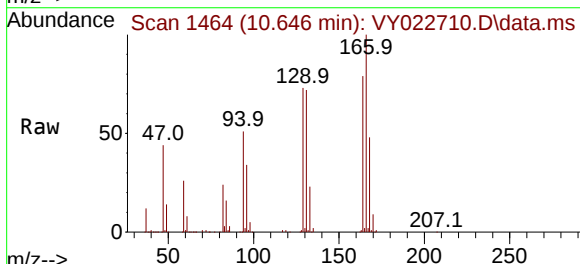
Delta R.T. -0.006 min

Lab File: VY022710.D

Acq: 16 Jun 2025 16:55

Tgt Ion:164 Resp: 105891

Ion	Ratio	Lower	Upper
164	100		
166	126.2	104.0	156.0
129	91.6	74.5	111.7
131	91.0	72.3	108.5





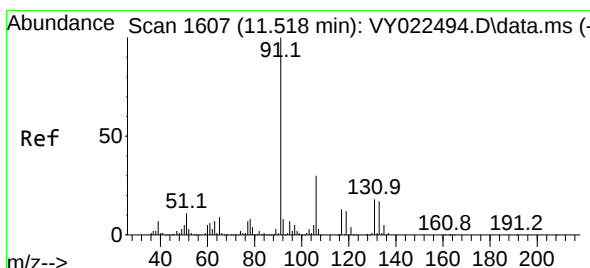
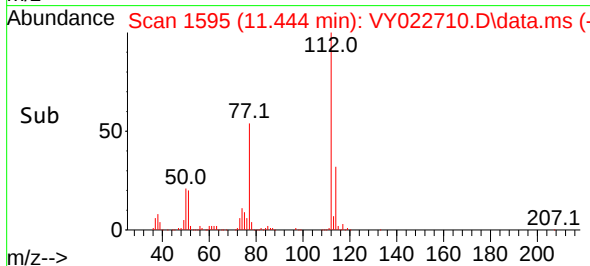
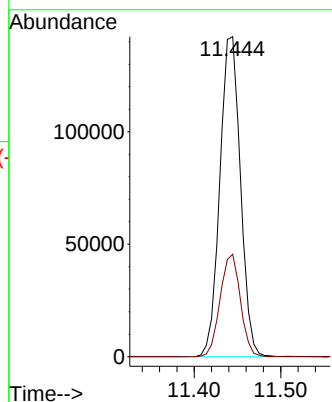
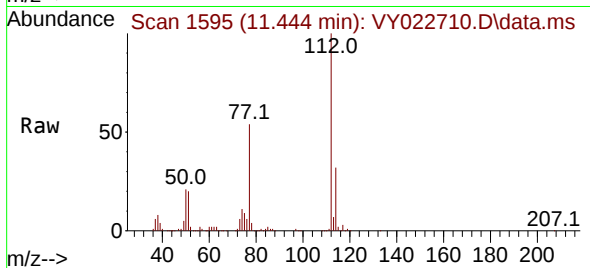
#65
Chlorobenzene
Concen: 52.235 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 235204
Ion Ratio Lower Upper
112 100
114 32.0 25.0 37.6

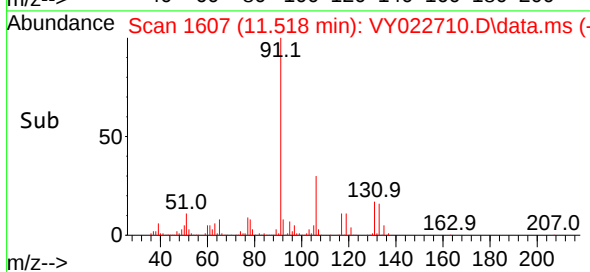
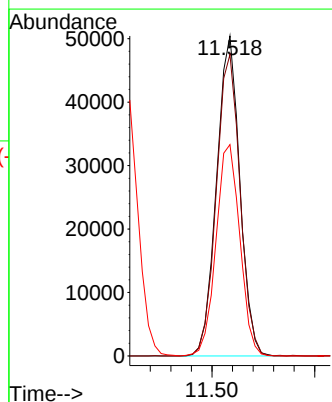
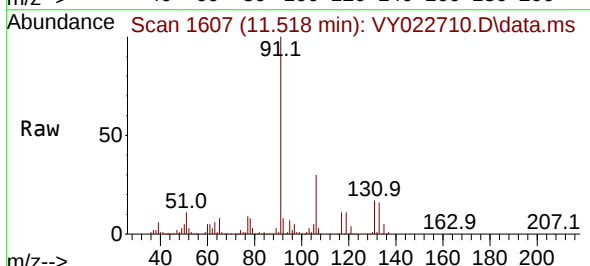
Manual Integrations
APPROVED

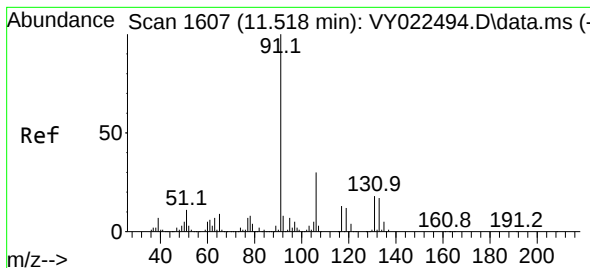
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 52.110 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

Tgt Ion:131 Resp: 79045
Ion Ratio Lower Upper
131 100
133 96.3 47.3 141.8
119 67.8 33.1 99.3





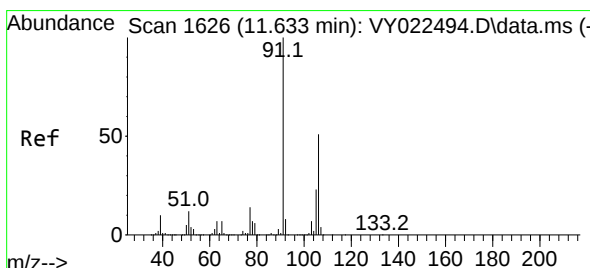
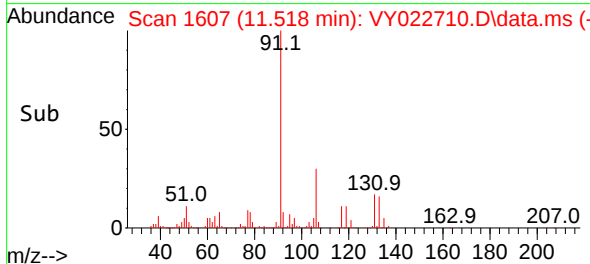
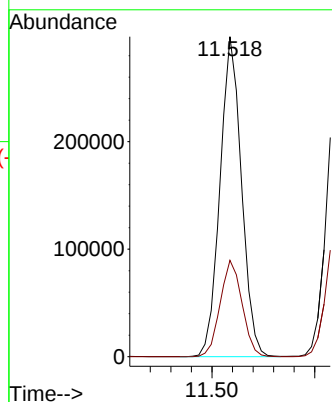
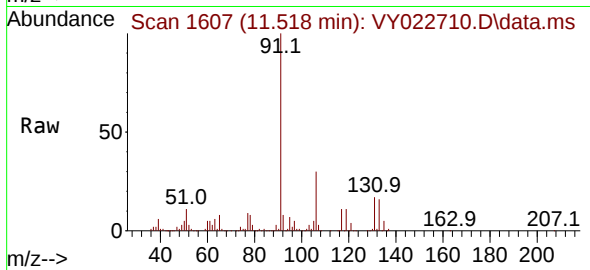
#67
Ethyl Benzene
Concen: 51.668 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 43152
Ion Ratio Lower Upper
91 100
106 30.1 24.2 36.4

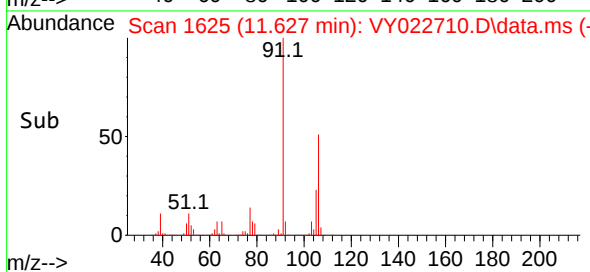
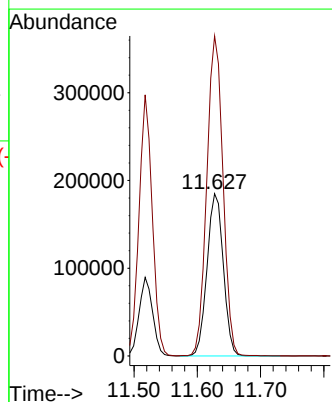
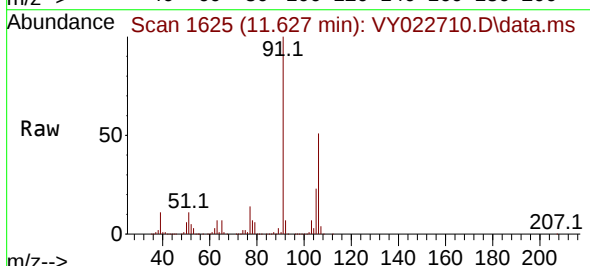
Manual Integrations
APPROVED

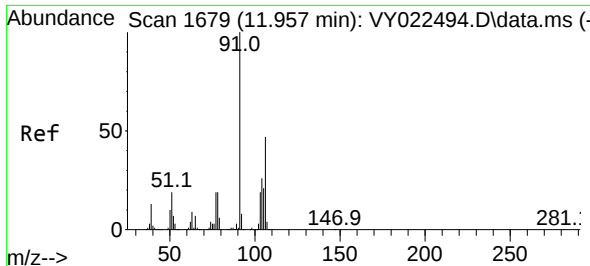
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025



#68
m/p-Xylenes
Concen: 104.419 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

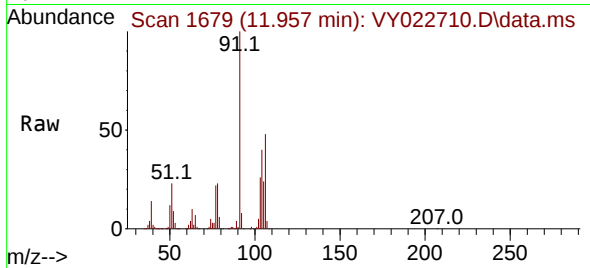
Tgt Ion:106 Resp: 330599
Ion Ratio Lower Upper
106 100
91 195.9 159.4 239.0





#69
o-Xylene
Concen: 51.787 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

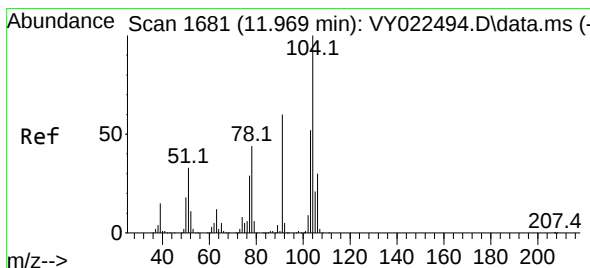
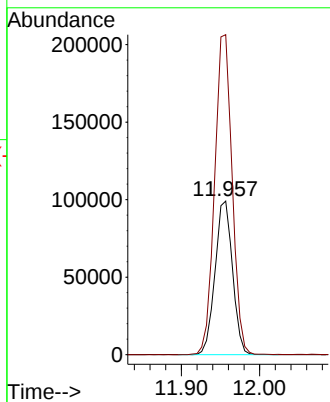
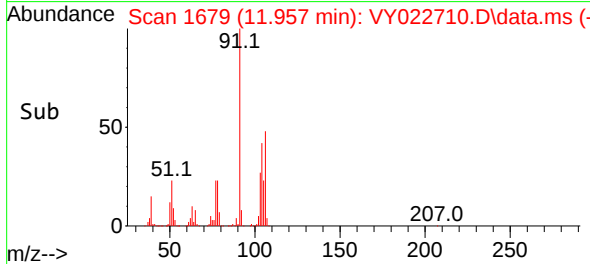
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



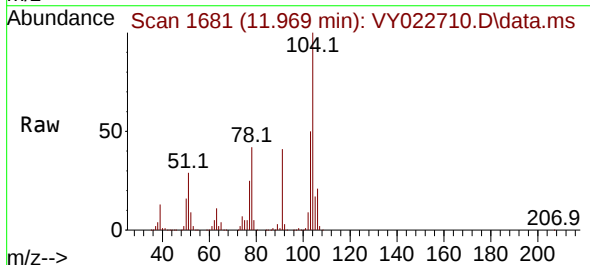
Tgt Ion:106 Resp: 153720
Ion Ratio Lower Upper
106 100
91 209.4 105.8 317.3

Manual Integrations
APPROVED

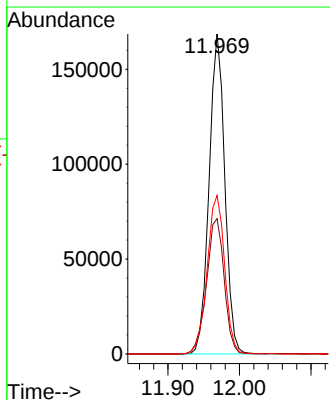
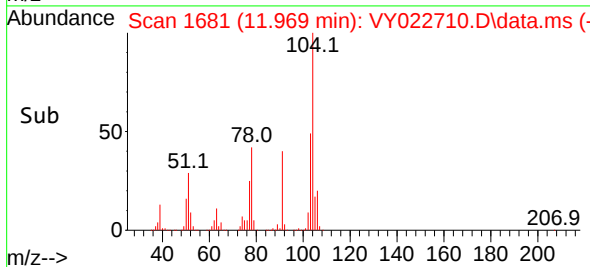
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025



#70
Styrene
Concen: 52.478 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55



Tgt Ion:104 Resp: 257498
Ion Ratio Lower Upper
104 100
78 47.6 39.5 59.3
103 54.9 44.1 66.1





#71

Bromoform

Concen: 52.550 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. -0.000 min

Lab File: VY022710.D

Acq: 16 Jun 2025 16:55

Instrument :

MSVOA_Y

ClientSampleId :

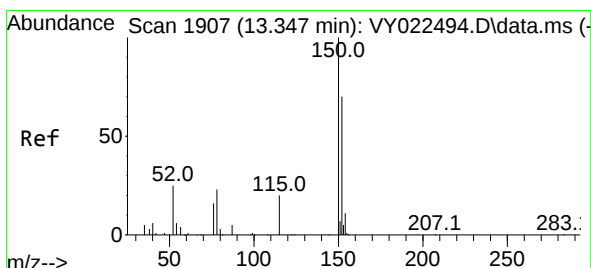
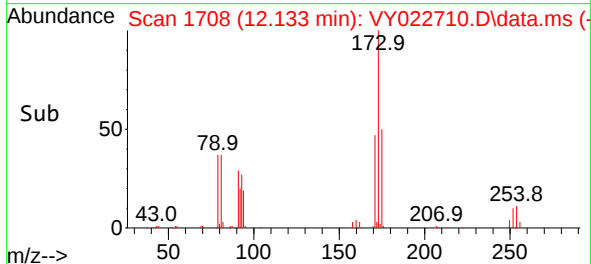
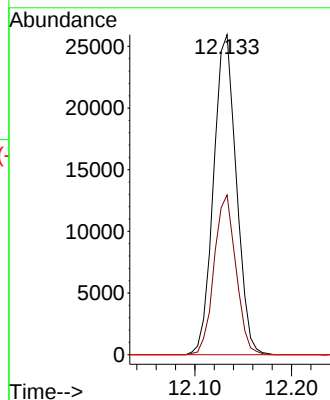
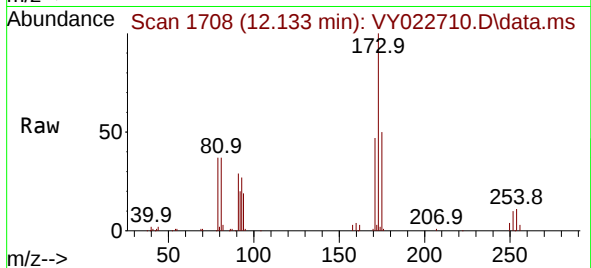
VSTDCCC050EC

Tgt Ion:	173	Resp:	42419
Ion Ratio	Lower	Upper	
173	100		
175	47.9	23.8	71.5
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

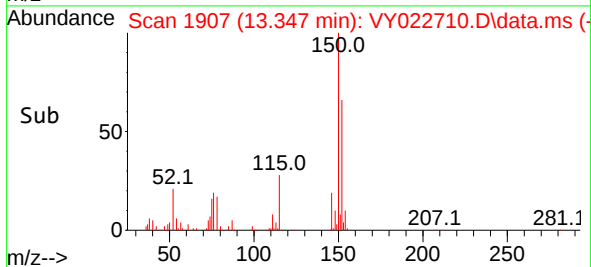
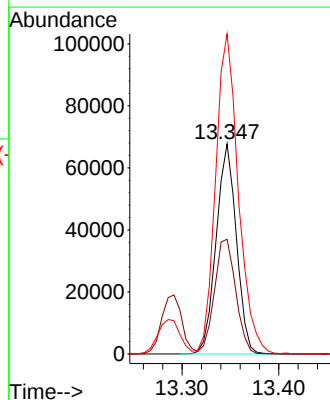
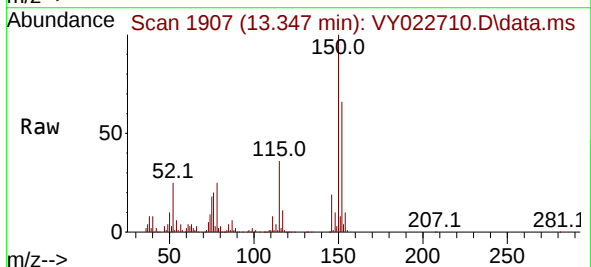
RT: 13.347 min Scan# 1907

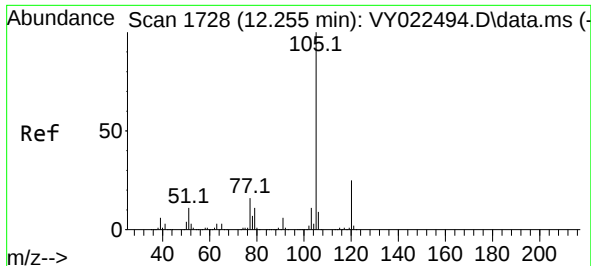
Delta R.T. -0.000 min

Lab File: VY022710.D

Acq: 16 Jun 2025 16:55

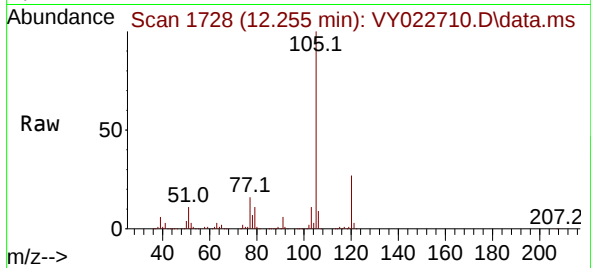
Tgt Ion:	152	Resp:	98158
Ion Ratio	Lower	Upper	
152	100		
115	57.5	28.9	86.7
150	171.6	0.0	349.6





#73
Isopropylbenzene
Concen: 49.592 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

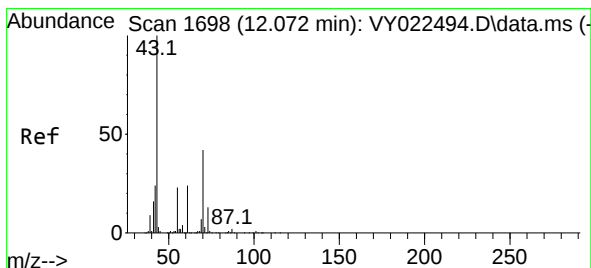
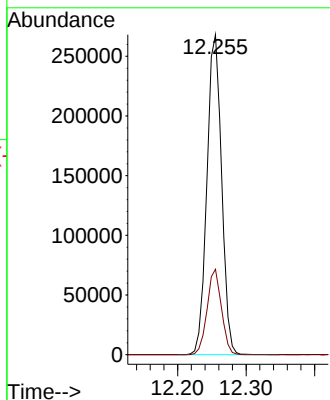
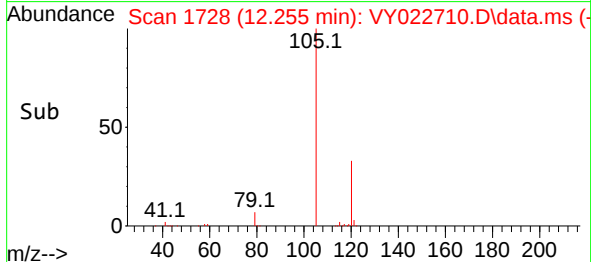
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



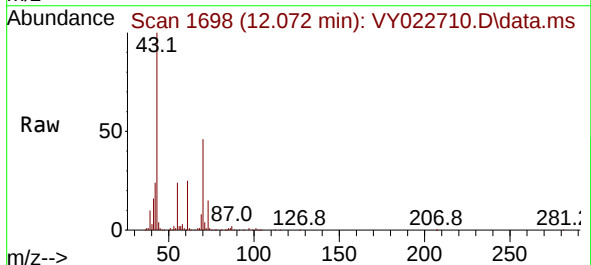
Tgt Ion:105 Resp: 399654
Ion Ratio Lower Upper
105 100
120 26.1 13.0 38.9

Manual Integrations
APPROVED

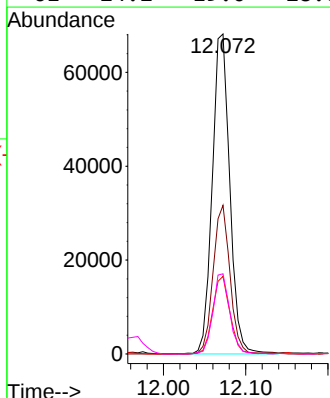
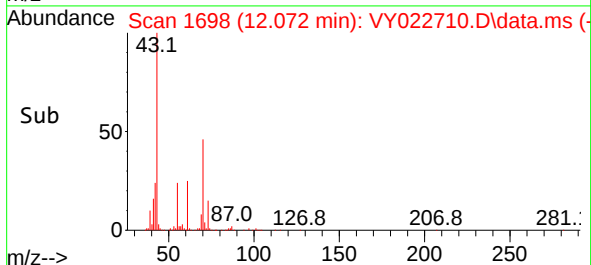
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025

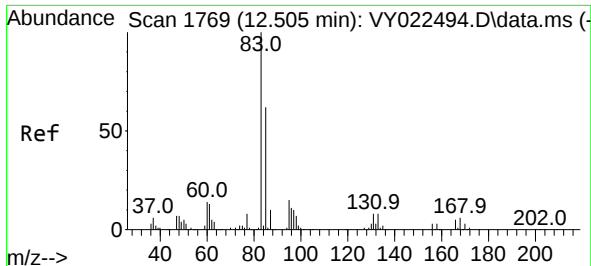


#74
N-ethyl acetate
Concen: 49.690 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55



Tgt Ion: 43 Resp: 101040
Ion Ratio Lower Upper
43 100
70 44.9 34.2 51.2
55 23.9 18.2 27.4
61 24.2 19.0 28.6





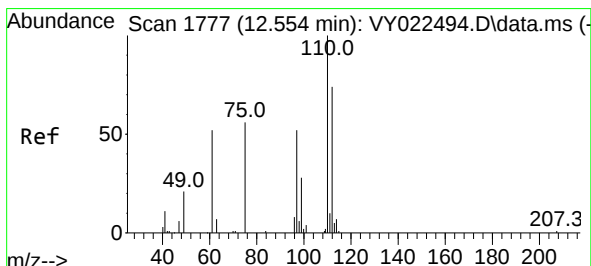
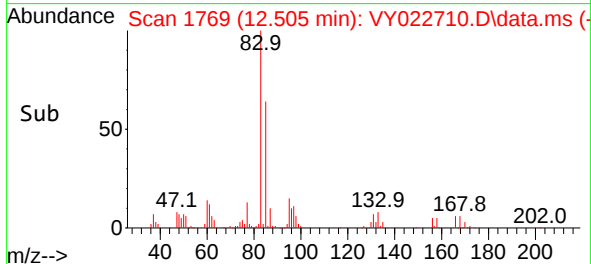
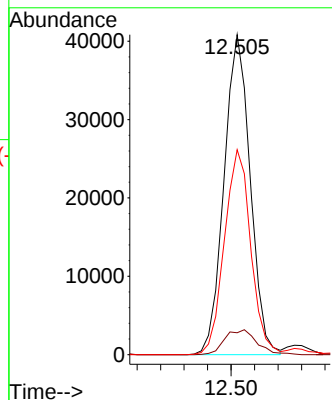
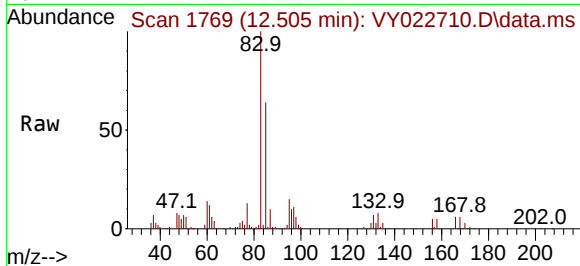
#75
1,1,2,2-Tetrachloroethane
Concen: 47.785 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 6320
Ion Ratio Lower Upper
83 100
131 9.6 4.9 14.7
85 64.4 32.6 97.8

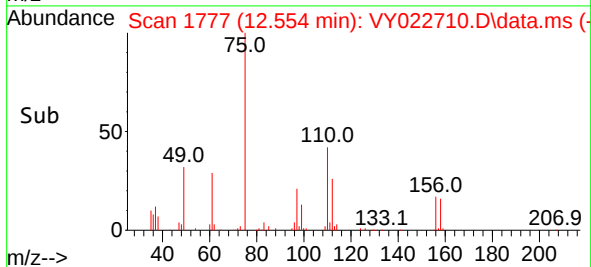
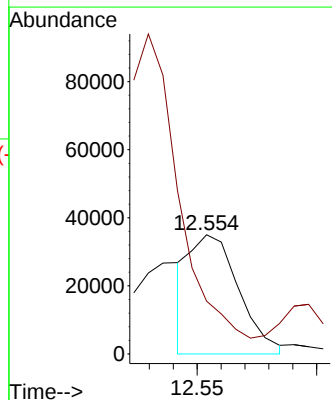
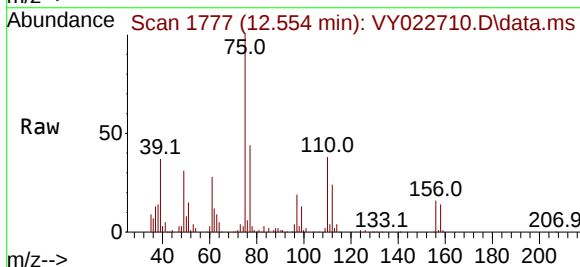
Manual Integrations
APPROVED

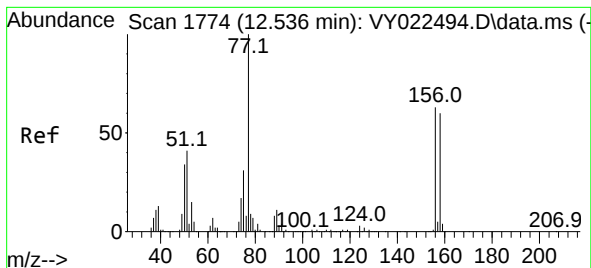
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025



#76
1,2,3-Trichloropropane
Concen: 44.795 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

Tgt Ion: 75 Resp: 50303
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.813 ug/l

RT: 12.530 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022710.D

Acq: 16 Jun 2025 16:55

Instrument :

MSVOA_Y

ClientSampleId :

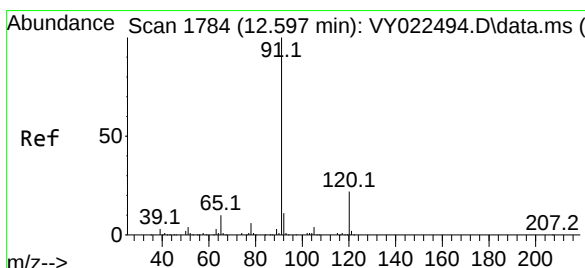
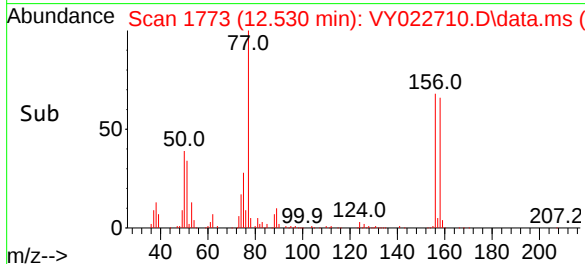
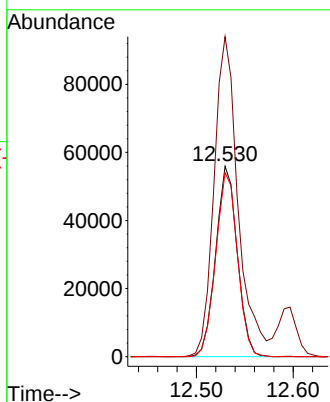
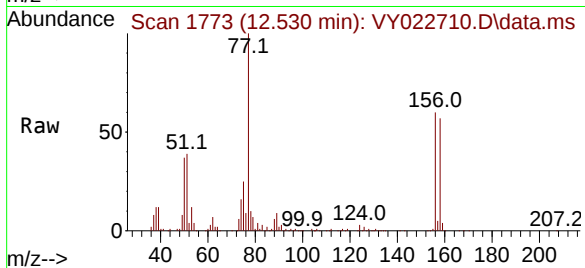
VSTDCCC050EC

Tgt Ion:	156	Resp:	8641
Ion Ratio	Lower	Upper	
156	100		
77	187.0	94.0	282.1
158	97.6	48.2	144.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025



#78

n-propylbenzene

Concen: 49.320 ug/l

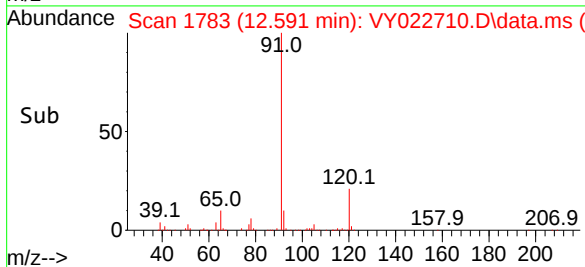
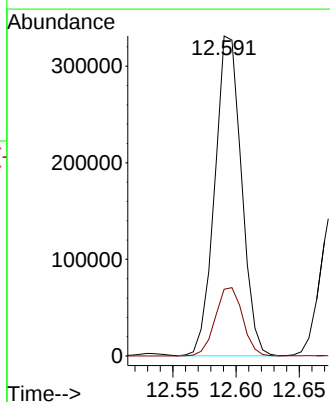
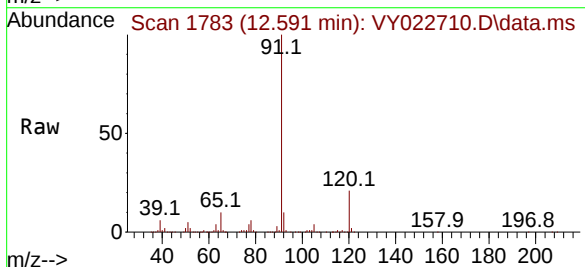
RT: 12.591 min Scan# 1783

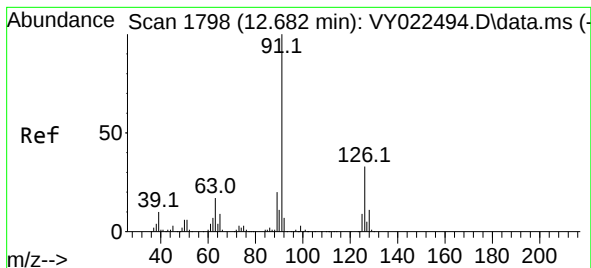
Delta R.T. -0.006 min

Lab File: VY022710.D

Acq: 16 Jun 2025 16:55

Tgt Ion:	91	Resp:	485449
Ion Ratio	Lower	Upper	
91	100		
120	21.8	10.8	32.4





#79

2-Chlorotoluene

Concen: 49.309 ug/l

RT: 12.676 min Scan# 1798

Delta R.T. -0.006 min

Lab File: VY022710.D

Acq: 16 Jun 2025 16:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 25723

Ion Ratio Lower Upper

91 100

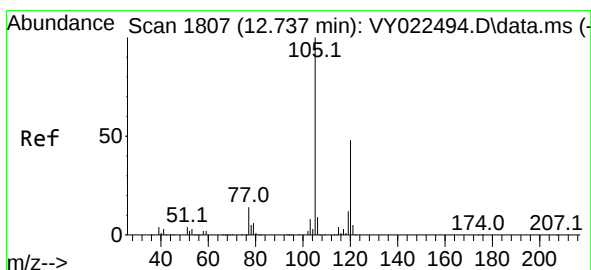
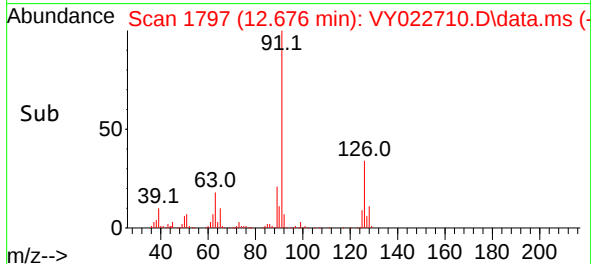
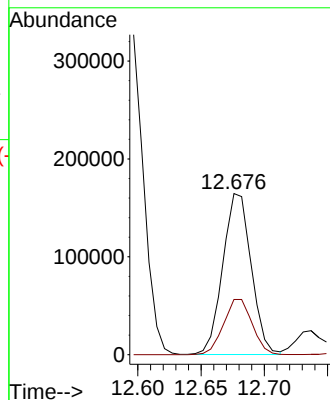
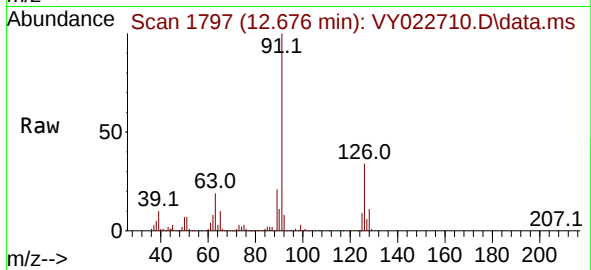
126 34.7 17.0 51.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/17/2025

Supervised By :Mahesh Dadoda 06/17/2025



#80

1,3,5-Trimethylbenzene

Concen: 49.564 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VY022710.D

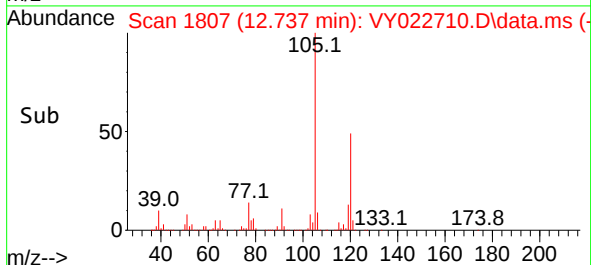
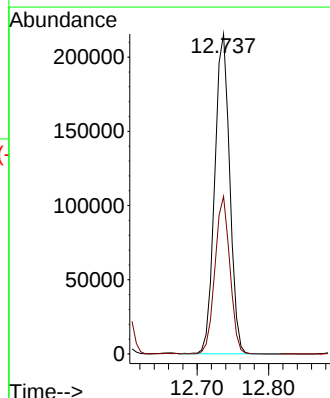
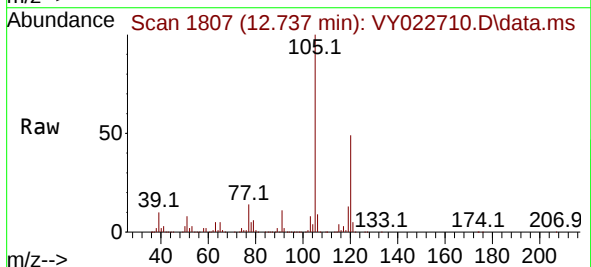
Acq: 16 Jun 2025 16:55

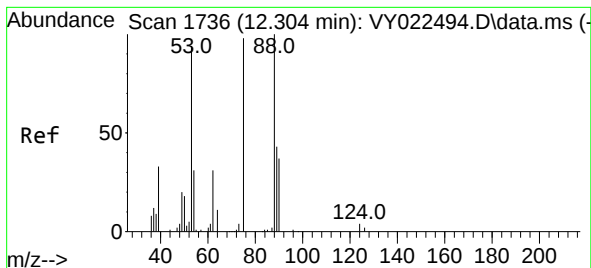
Tgt Ion:105 Resp: 313586

Ion Ratio Lower Upper

105 100

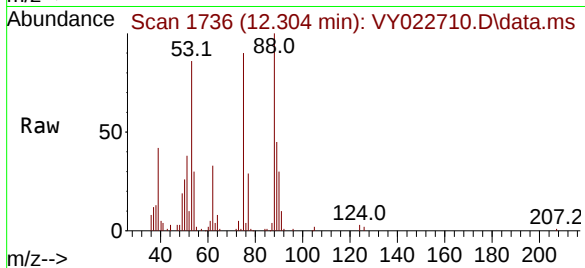
120 49.1 24.1 72.4





#81
trans-1,4-Dichloro-2-butene
Concen: 46.511 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

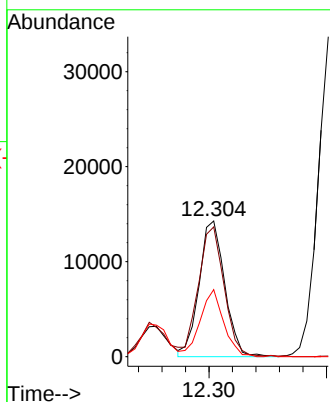
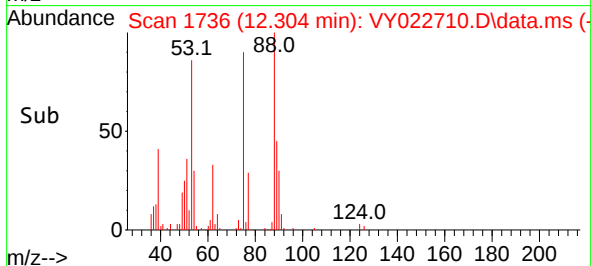
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



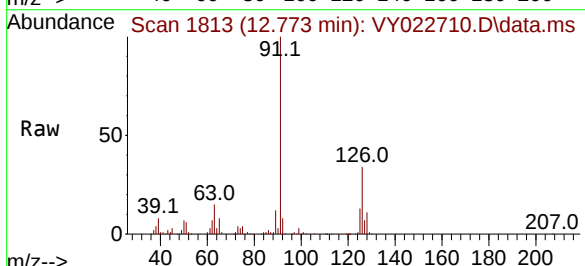
Tgt Ion: 75 Resp: 21628
Ion Ratio Lower Upper
75 100
53 95.2 78.5 117.7
89 45.5 35.7 53.5

Manual Integrations
APPROVED

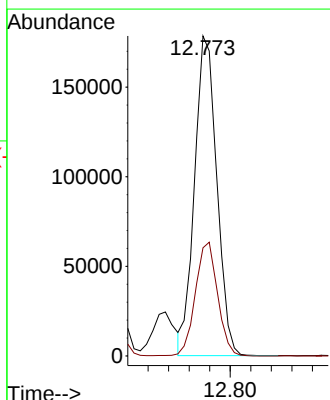
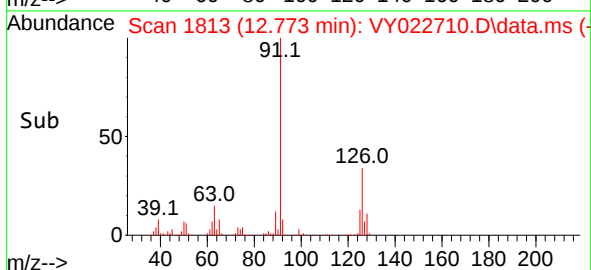
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025

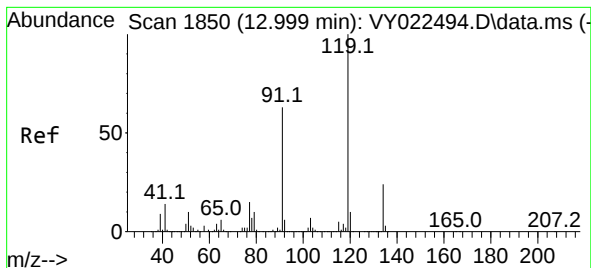


#82
4-Chlorotoluene
Concen: 49.849 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55



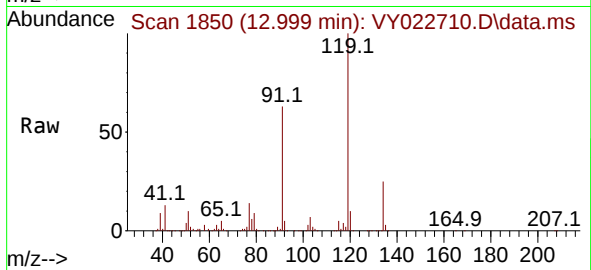
Tgt Ion: 91 Resp: 268269
Ion Ratio Lower Upper
91 100
126 35.7 17.0 50.9





#83
tert-Butylbenzene
Concen: 49.473 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

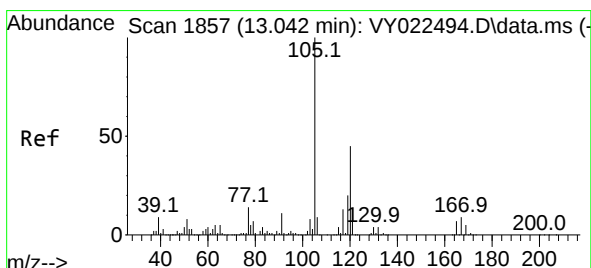
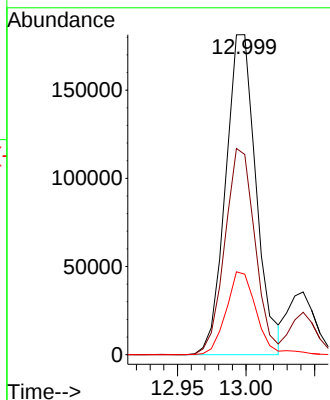
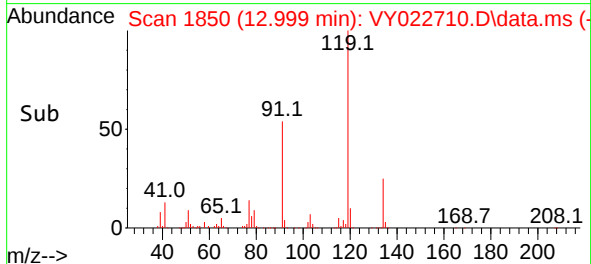
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



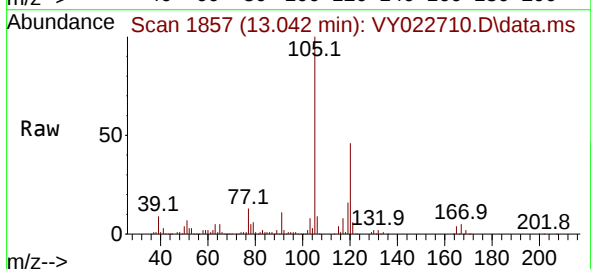
Tgt Ion:119 Resp: 280929
Ion Ratio Lower Upper
119 100
91 63.9 32.1 96.3
134 25.8 13.0 38.9

Manual Integrations
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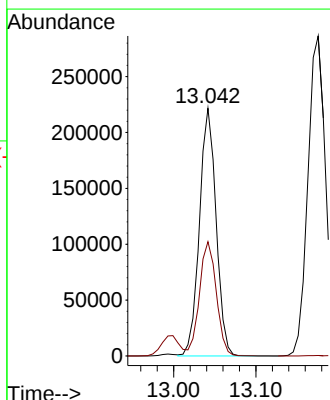
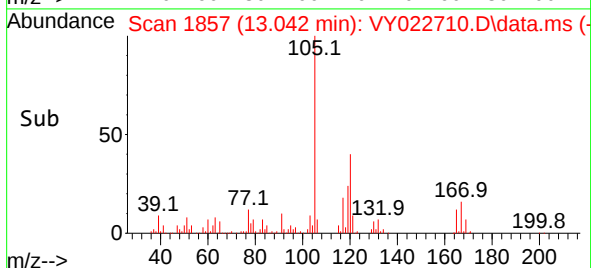
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025

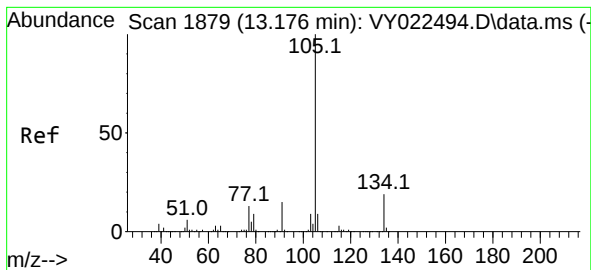


#84
1,2,4-Trimethylbenzene
Concen: 49.294 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55



Tgt Ion:105 Resp: 311927
Ion Ratio Lower Upper
105 100
120 46.4 22.7 68.1





#85

sec-Butylbenzene

Concen: 49.273 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022710.D

Acq: 16 Jun 2025 16:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 42851

Ion Ratio Lower Upper

105 100

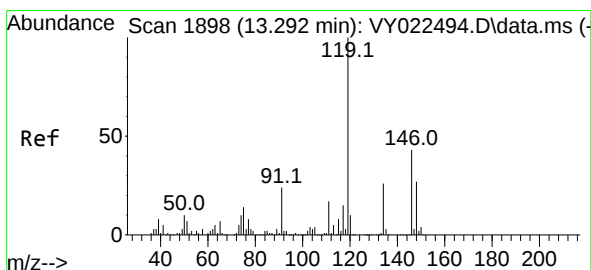
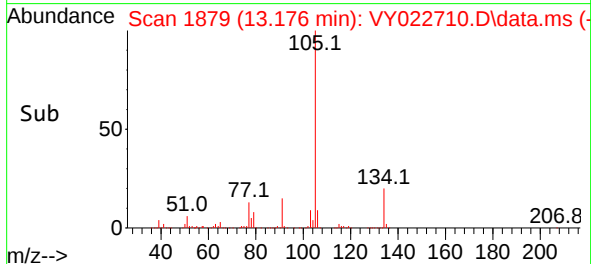
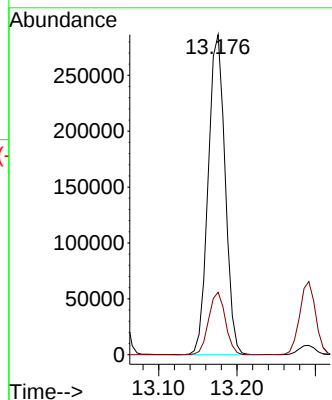
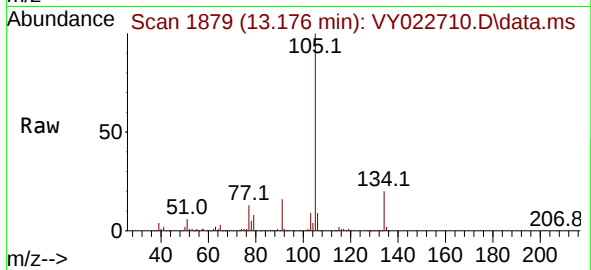
134 19.3 9.7 28.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/17/2025

Supervised By :Mahesh Dadoda 06/17/2025



#86

p-Isopropyltoluene

Concen: 49.331 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022710.D

Acq: 16 Jun 2025 16:55

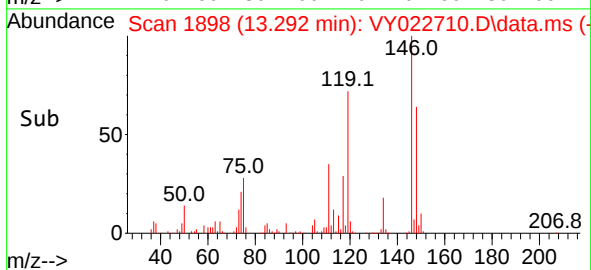
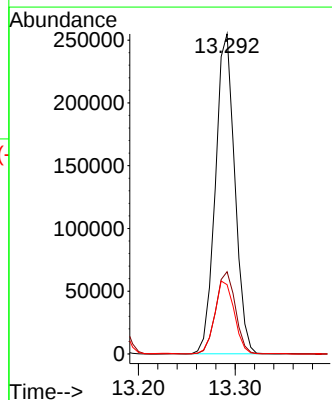
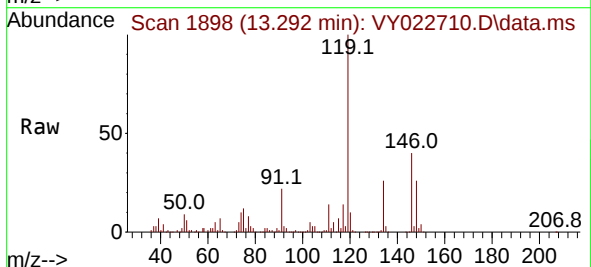
Tgt Ion:119 Resp: 353631

Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

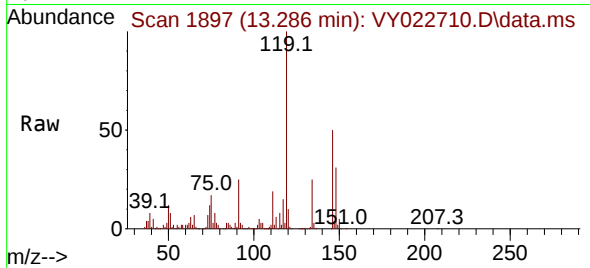
91 23.0 11.6 34.8





#87
 1,3-Dichlorobenzene
 Concen: 51.283 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. -0.006 min
 Lab File: VY022710.D
 Acq: 16 Jun 2025 16:55

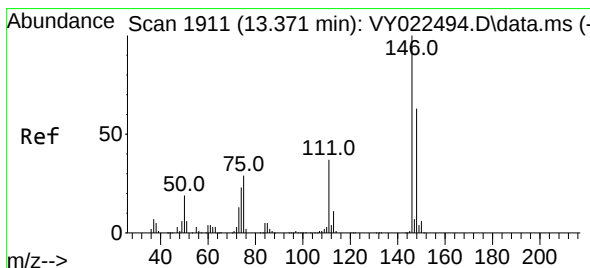
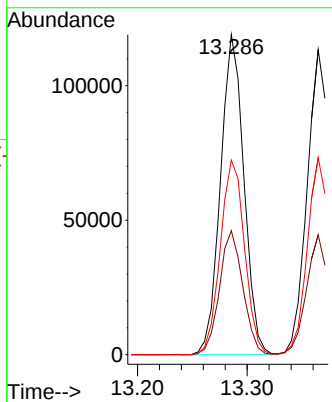
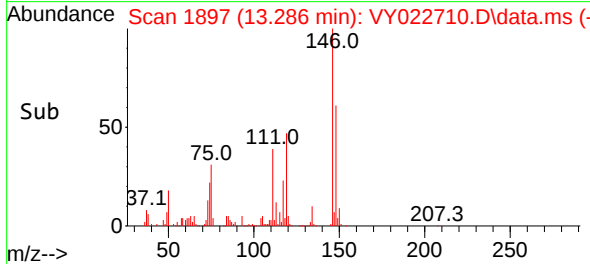
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:146 Resp: 176700
 Ion Ratio Lower Upper
 146 100
 111 38.6 20.1 60.2
 148 62.8 32.1 96.3

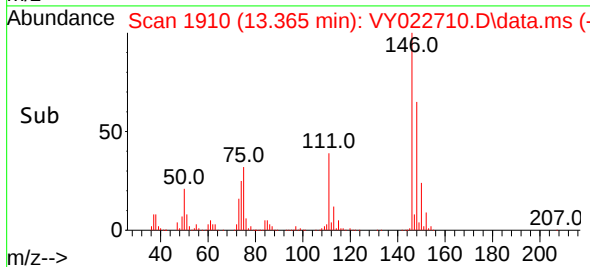
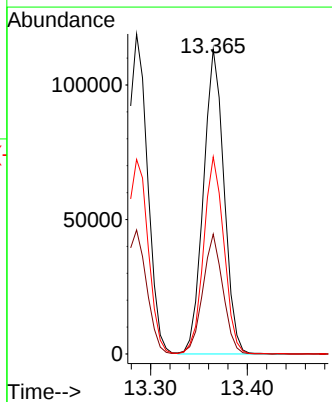
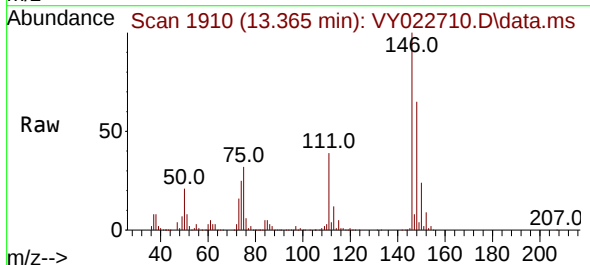
Manual Integrations
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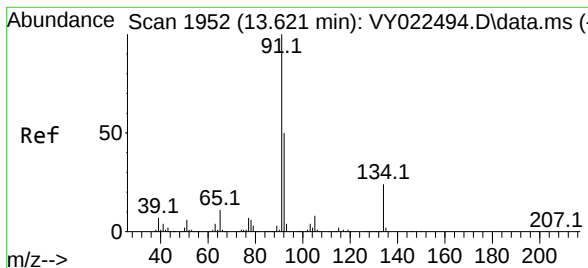
Reviewed By :Semsettin Yesilyurt 06/17/2025
 Supervised By :Mahesh Dadoda 06/17/2025



#88
 1,4-Dichlorobenzene
 Concen: 50.264 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.006 min
 Lab File: VY022710.D
 Acq: 16 Jun 2025 16:55

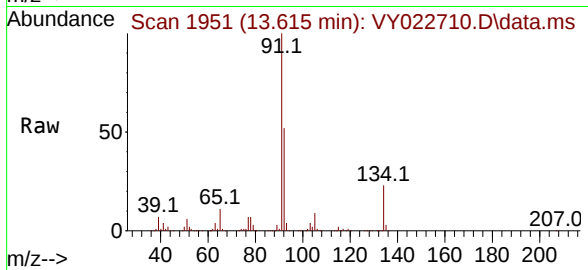
Tgt Ion:146 Resp: 167976
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.4 58.2
 148 63.9 31.6 94.8





#89
n-Butylbenzene
Concen: 49.325 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

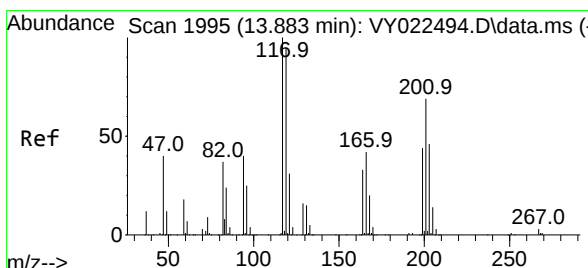
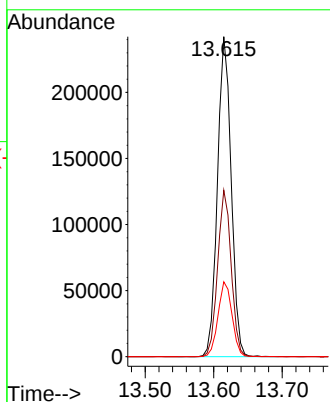
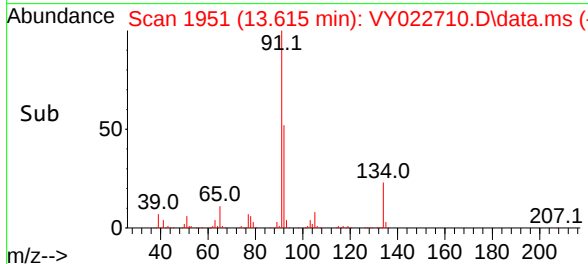
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 335470
Ion Ratio Lower Upper
91 100
92 51.3 25.9 77.8
134 23.9 12.0 36.1

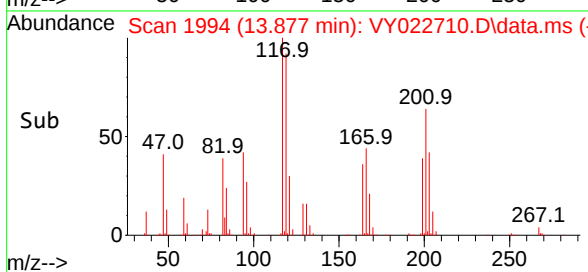
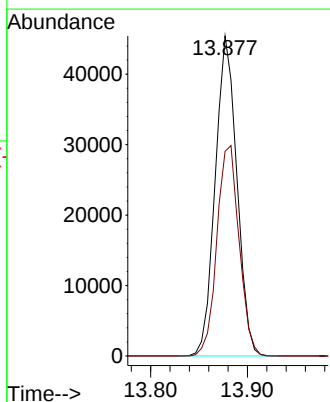
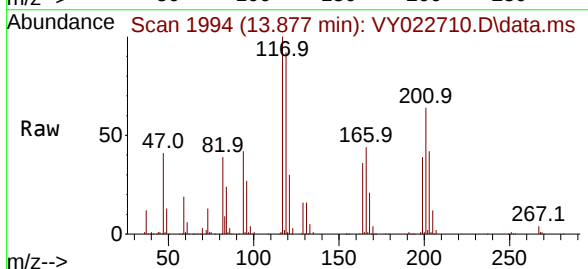
Manual Integrations
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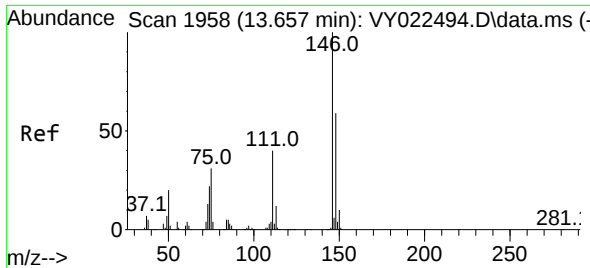
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025



#90
Hexachloroethane
Concen: 50.519 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

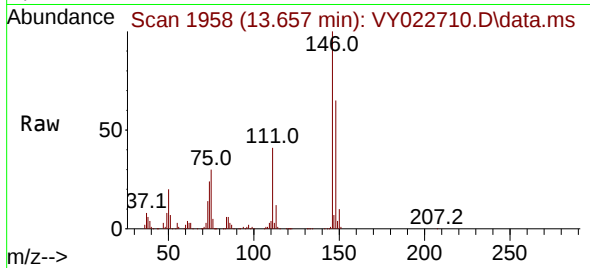
Tgt Ion:117 Resp: 70503
Ion Ratio Lower Upper
117 100
201 67.5 34.0 102.0





#91
1,2-Dichlorobenzene
Concen: 51.198 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

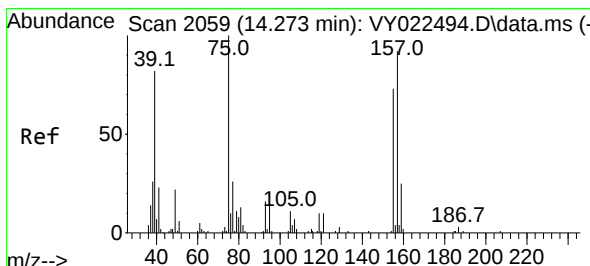
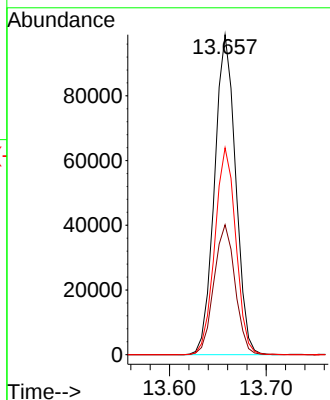
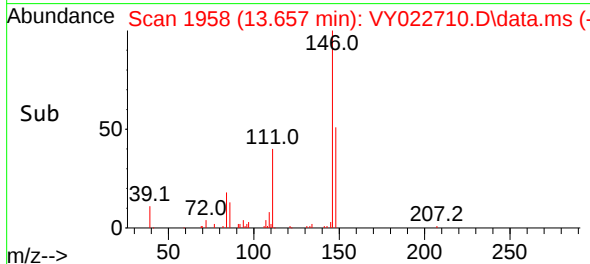
Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050EC



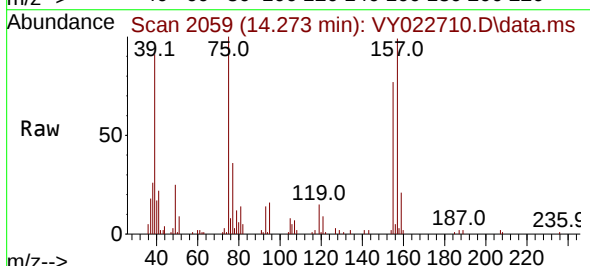
Tgt Ion:146 Resp: 149774
Ion Ratio Lower Upper
146 100
111 40.8 20.2 60.6
148 64.6 31.4 94.0

Manual Integrations
APPROVED

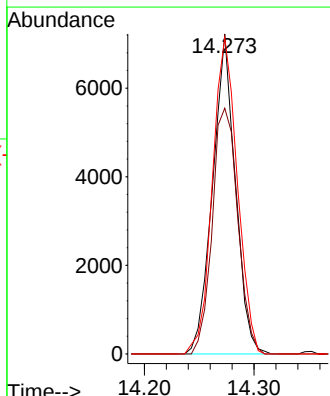
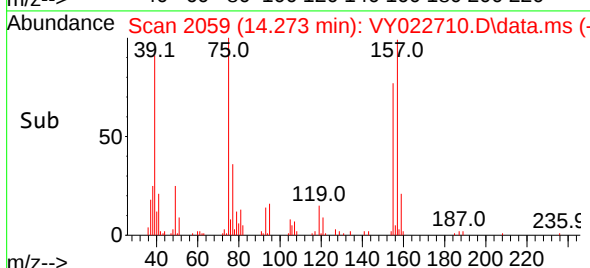
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025

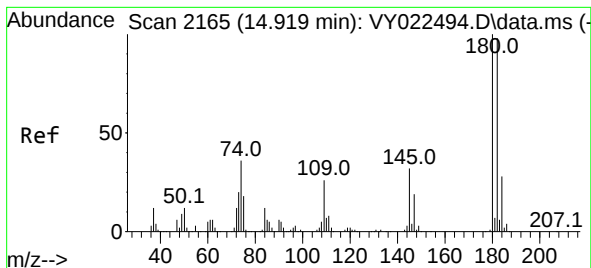


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.027 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55



Tgt Ion: 75 Resp: 10404
Ion Ratio Lower Upper
75 100
155 86.1 39.9 119.6
157 108.2 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 51.284 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022710.D

Acq: 16 Jun 2025 16:55

Instrument :

MSVOA_Y

ClientSampleId :

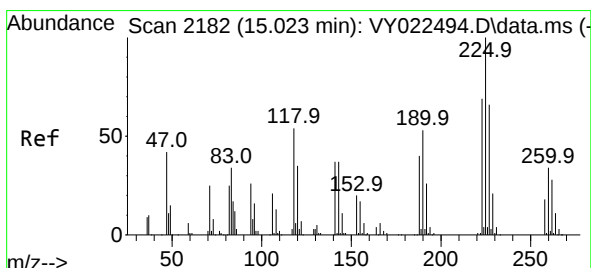
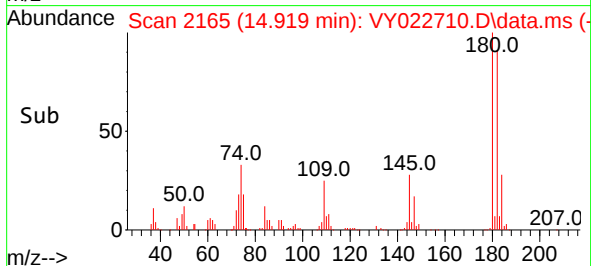
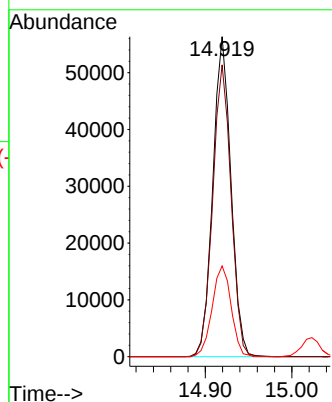
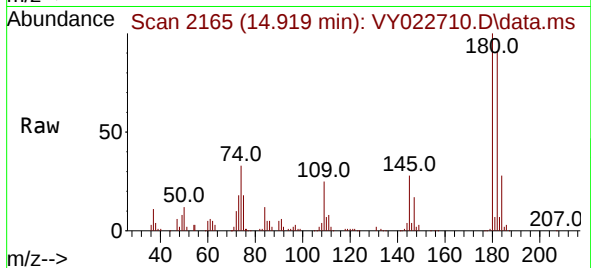
VSTDCCC050EC

Tgt Ion:180	Resp:	8182
Ion Ratio	Lower	Upper
180	100	
182	92.3	48.4 145.3
145	29.7	15.5 46.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025



#94

Hexachlorobutadiene

Concen: 50.440 ug/l

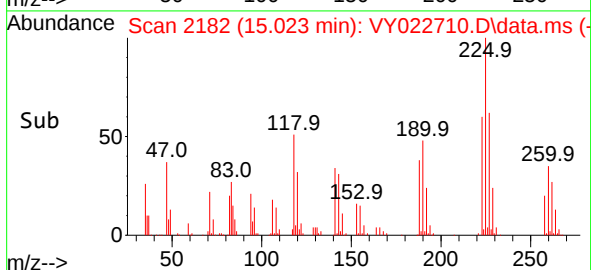
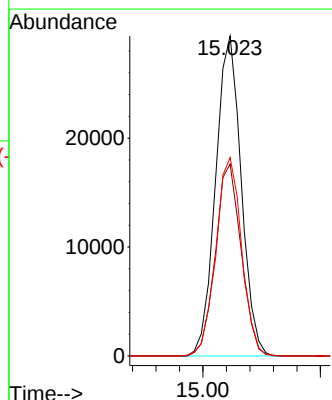
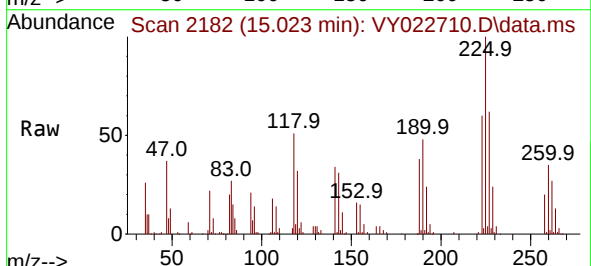
RT: 15.023 min Scan# 2182

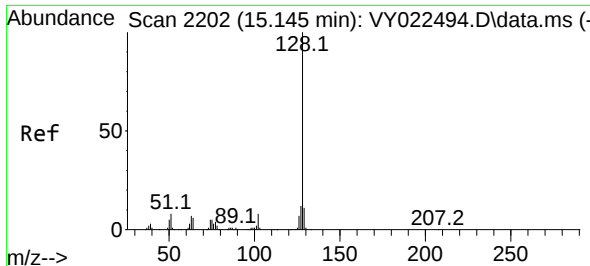
Delta R.T. -0.000 min

Lab File: VY022710.D

Acq: 16 Jun 2025 16:55

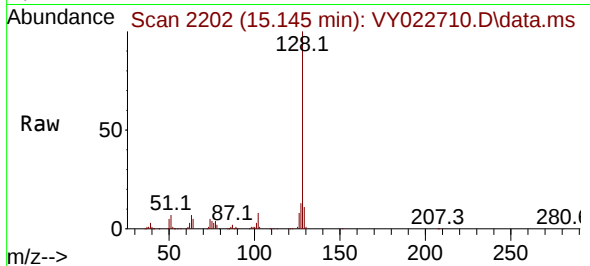
Tgt Ion:225	Resp:	44418
Ion Ratio	Lower	Upper
225	100	
223	60.5	32.5 97.4
227	62.2	32.3 96.9





#95
Naphthalene
Concen: 51.437 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55

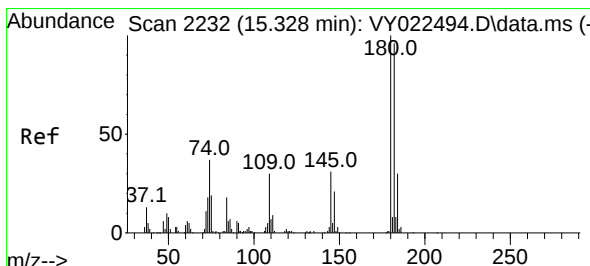
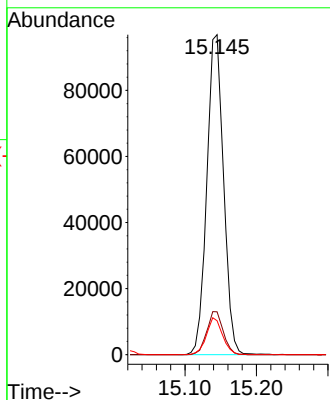
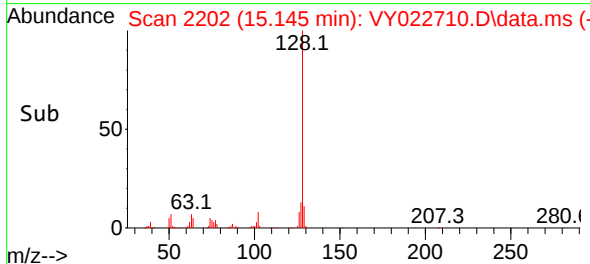
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



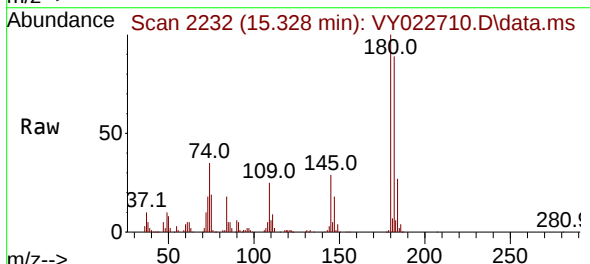
Tgt Ion:128 Resp: 157488
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 11.1 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025



#96
1,2,3-Trichlorobenzene
Concen: 50.592 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY022710.D
Acq: 16 Jun 2025 16:55



Tgt Ion:180 Resp: 69177
Ion Ratio Lower Upper
180 100
182 93.7 47.1 141.3
145 30.0 15.2 45.6

