

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
 Data File : VY022496.D
 Acq On : 02 Jun 2025 13:39
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Jun 03 02:57:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 02:50:07 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 06/03/2025
 Supervised By : Mahesh Dadoda 06/03/2025

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	225293	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	367991	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	313951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	150326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	377706	154.078	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 308.160%#			
35) Dibromofluoromethane	7.634	113	348038	160.661	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 321.320%#			
50) Toluene-d8	10.109	98	1432587	163.617	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 327.240%#			
62) 4-Bromofluorobenzene	12.408	95	426573	160.684	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 321.360%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	273817	139.086	ug/l	96
3) Chloromethane	2.068	50	800733	137.873	ug/l	99
4) Vinyl Chloride	2.202	62	967746	142.366	ug/l	99
5) Bromomethane	2.586	94	970833	150.991	ug/l	99
6) Chloroethane	2.733	64	651603	140.013	ug/l	95
7) Trichlorofluoromethane	3.050	101	885391	153.303	ug/l	98
8) Diethyl Ether	3.458	74	191391	150.036	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	360800	148.929	ug/l	100
10) Methyl Iodide	4.007	142	416014	160.129	ug/l	100
11) Tert butyl alcohol	4.879	59	128018	731.071	ug/l	100
12) 1,1-Dichloroethene	3.793	96	353193	152.730	ug/l	98
13) Acrolein	3.653	56	156417	731.778	ug/l	100
14) Allyl chloride	4.385	41	551896	153.152	ug/l	100
15) Acrylonitrile	5.061	53	406745	749.634	ug/l	99
16) Acetone	3.879	43	311886	643.577	ug/l	95
17) Carbon Disulfide	4.104	76	1126077	152.513	ug/l	99
18) Methyl Acetate	4.391	43	203507	139.589	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	988071	153.134	ug/l	99
20) Methylene Chloride	4.616	84	371818	137.416	ug/l	99
21) trans-1,2-Dichloroethene	5.116	96	399937	154.808	ug/l	99
22) Diisopropyl ether	6.025	45	1244804	155.346	ug/l	99
23) Vinyl Acetate	5.964	43	3806024	800.629	ug/l	100
24) 1,1-Dichloroethane	5.921	63	730276	154.173	ug/l	100
25) 2-Butanone	6.896	43	530692	742.386	ug/l	99
26) 2,2-Dichloropropane	6.890	77	664024	157.698	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	466804	156.334	ug/l	98
28) Bromochloromethane	7.250	49	320509	156.605	ug/l	100
29) Tetrahydrofuran	7.268	42	342435	742.566	ug/l	100
30) Chloroform	7.421	83	717477	153.285	ug/l	94
31) Cyclohexane	7.701	56	667836	140.095	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	660456	157.892	ug/l	99
36) 1,1-Dichloropropene	7.841	75	562935	160.756	ug/l	100
37) Ethyl Acetate	6.988	43	238966	155.059	ug/l	98
38) Carbon Tetrachloride	7.823	117	593167	164.311	ug/l	99
39) Methylcyclohexane	9.109	83	770382	162.851	ug/l	100
40) Benzene	8.085	78	1675603	162.332	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	136495	137.523	ug/l	98
42) 1,2-Dichloroethane	8.158	62	442216	157.491	ug/l	98
43) Isopropyl Acetate	8.201	43	522842	155.250	ug/l	98
44) Trichloroethene	8.866	130	394832	156.583	ug/l	97
45) 1,2-Dichloropropane	9.140	63	385206	156.539	ug/l	99
46) Dibromomethane	9.231	93	218014	158.140	ug/l	100
47) Bromodichloromethane	9.426	83	560425	160.221	ug/l	97
48) Methyl methacrylate	9.225	41	252724	163.897	ug/l	99
49) 1,4-Dioxane	9.231	88	50874	3093.301	ug/l	95
51) 4-Methyl-2-Pentanone	10.000	43	1358512	812.744	ug/l	98
52) Toluene	10.170	92	1093200	168.447	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	537922	166.237	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	615667	162.259	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	274460	158.086	ug/l	97
56) Ethyl methacrylate	10.438	69	423233	167.865	ug/l	99
57) 1,3-Dichloropropane	10.719	76	488570	158.010	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	1000760	890.345	ug/l	100
59) 2-Hexanone	10.762	43	896627	804.699	ug/l	100
60) Dibromochloromethane	10.914	129	356873	162.227	ug/l	100
61) 1,2-Dibromoethane	11.018	107	254128	158.625	ug/l	96
64) Tetrachloroethene	10.646	164	406758	152.453	ug/l	98
65) Chlorobenzene	11.444	112	1113347	163.544	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	395046	171.190	ug/l	99
67) Ethyl Benzene	11.518	91	2196819	173.285	ug/l	100
68) m/p-Xylenes	11.627	106	1694177	353.103	ug/l	100
69) o-Xylene	11.957	106	777688	173.188	ug/l	99
70) Styrene	11.969	104	1334986	179.564	ug/l	99
71) Bromoform	12.133	173	201469	166.138	ug/l #	99
73) Isopropylbenzene	12.255	105	2011262	166.060	ug/l	100
74) N-amyl acetate	12.072	43	508301	165.957	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	310641	157.927	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	231729m	116.768	ug/l	
77) Bromobenzene	12.530	156	417122	162.489	ug/l	100
78) n-propylbenzene	12.597	91	2416013	163.876	ug/l	98
79) 2-Chlorotoluene	12.682	91	1275581	163.862	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	1576906	166.511	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	111432	160.989	ug/l	96
82) 4-Chlorotoluene	12.780	91	1334965	165.467	ug/l	99
83) tert-Butylbenzene	12.999	119	1434641	166.064	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	1623289	171.323	ug/l	99
85) sec-Butylbenzene	13.176	105	2140445	163.415	ug/l	100
86) p-Isopropyltoluene	13.292	119	1877539	174.353	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	885058	172.326	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	803022	160.470	ug/l	99
89) n-Butylbenzene	13.615	91	1691118	164.939	ug/l	99
90) Hexachloroethane	13.877	117	338845	160.801	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	705129	159.809	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	44514	149.709	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	390170	161.773	ug/l	97
94) Hexachlorobutadiene	15.023	225	199423	151.389	ug/l	98
95) Naphthalene	15.145	128	753279	162.970	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	321960	157.072	ug/l	99

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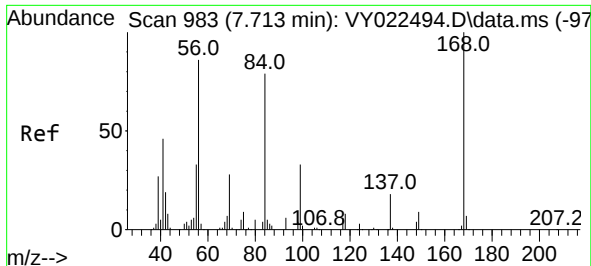
Manual Integrations
APPROVED

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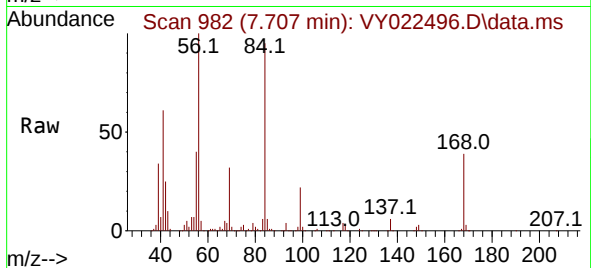
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 99
Delta R.T. -0.006 min
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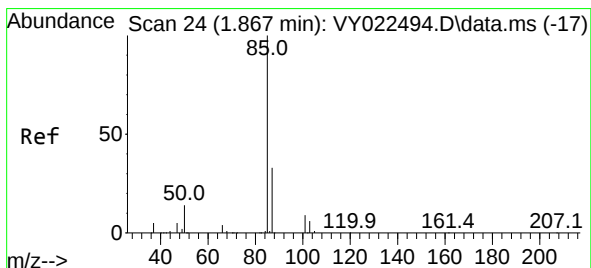
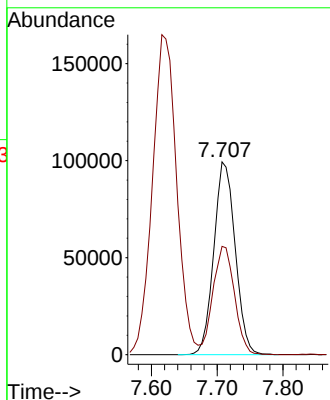
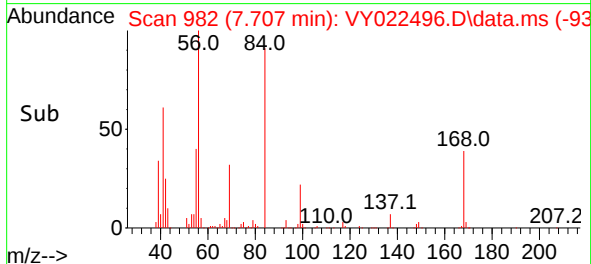
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion:168 Resp: 225293
Ion Ratio Lower Upper
168 100
99 56.1 44.3 66.5

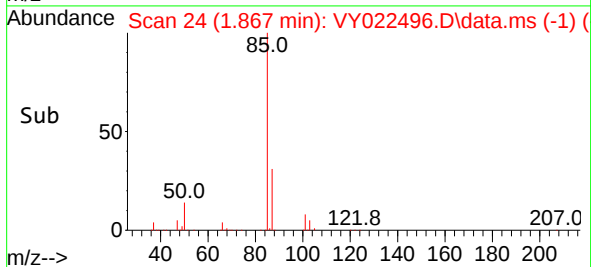
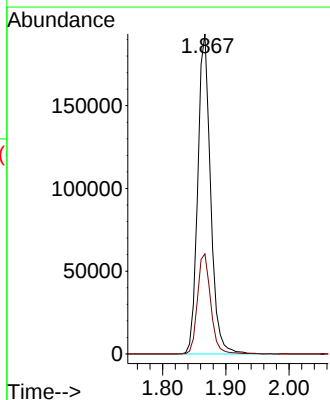
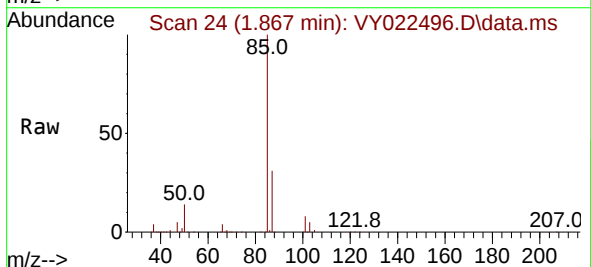
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#2
Dichlorodifluoromethane
Concen: 139.086 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

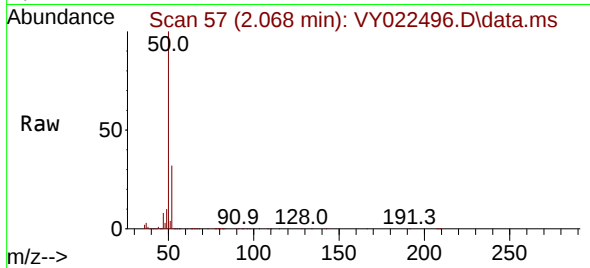
Tgt Ion: 85 Resp: 273817
Ion Ratio Lower Upper
85 100
87 31.3 16.7 50.0





#3
Chloromethane
Concen: 137.873 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

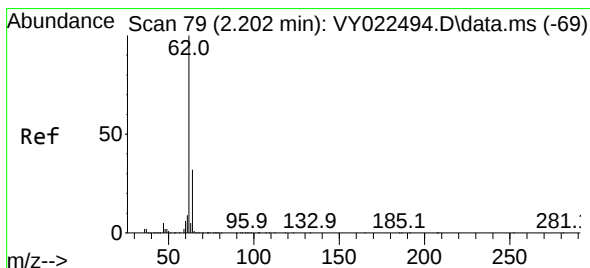
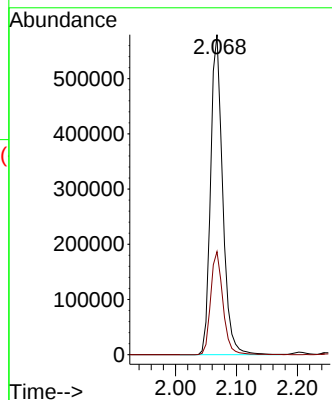
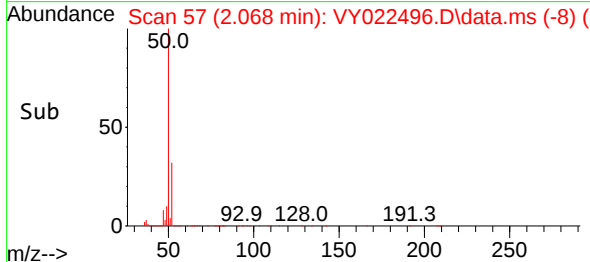
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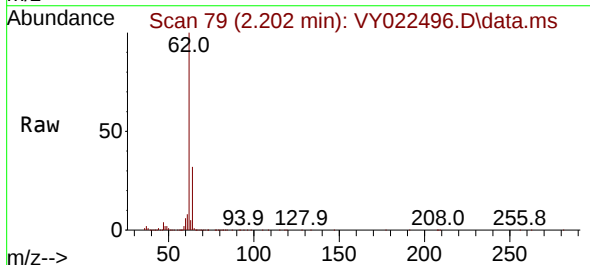
Tgt Ion: 50 Resp: 800733
Ion Ratio Lower Upper
50 100
52 32.2 26.0 39.0

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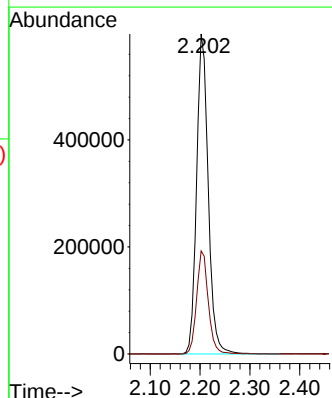
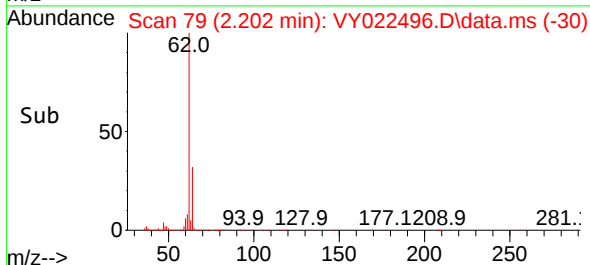
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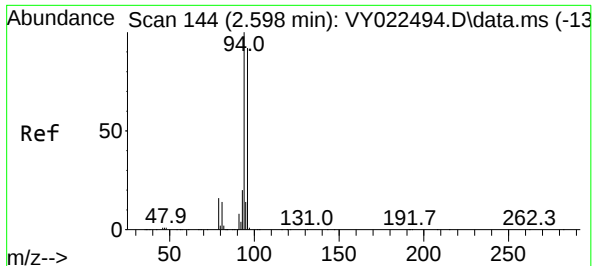


#4
Vinyl Chloride
Concen: 142.366 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39



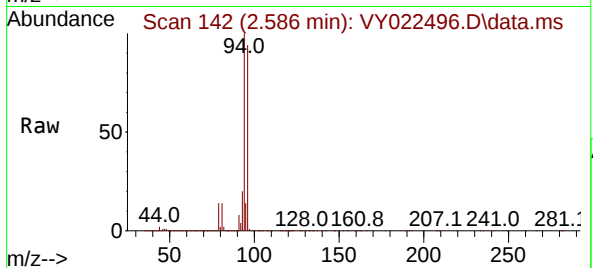
Tgt Ion: 62 Resp: 967746
Ion Ratio Lower Upper
62 100
64 32.2 25.3 37.9





#5
Bromomethane
Concen: 150.991 ug/l
RT: 2.586 min Scan# 144
Delta R.T. -0.012 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

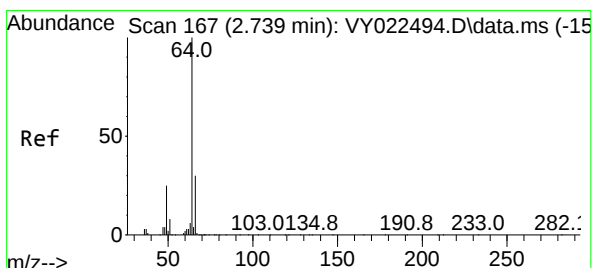
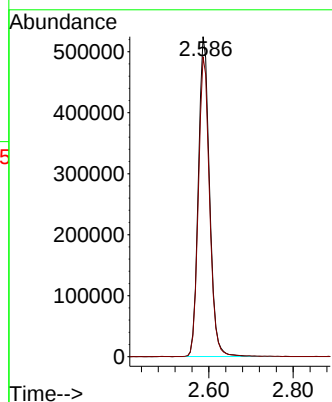
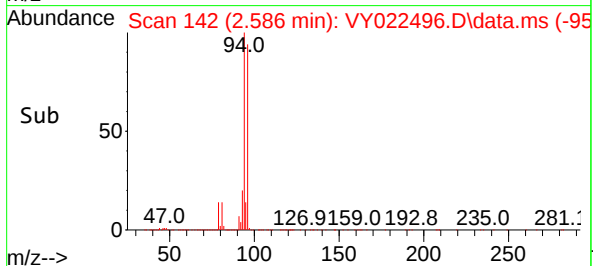
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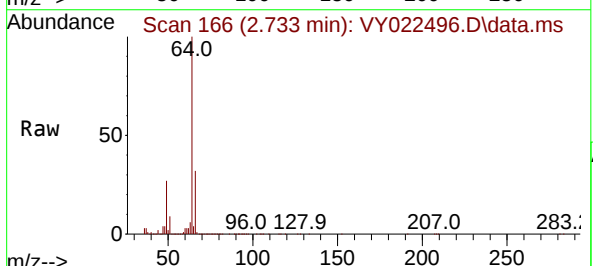
Tgt Ion: 94 Resp: 970833
Ion Ratio Lower Upper
94 100
96 93.7 74.0 111.0

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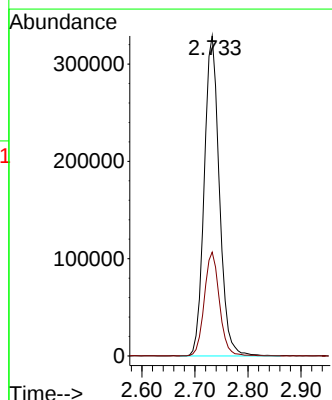
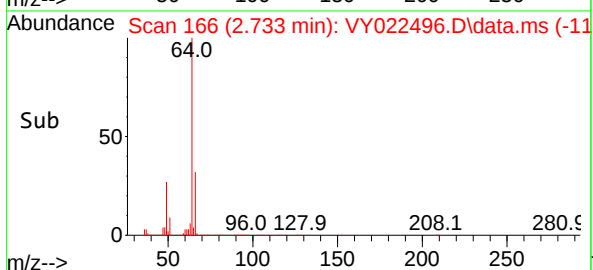
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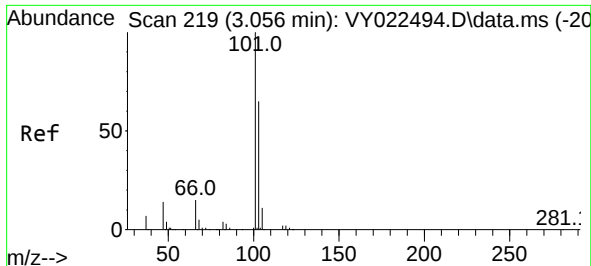


#6
Chloroethane
Concen: 140.013 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022496.D
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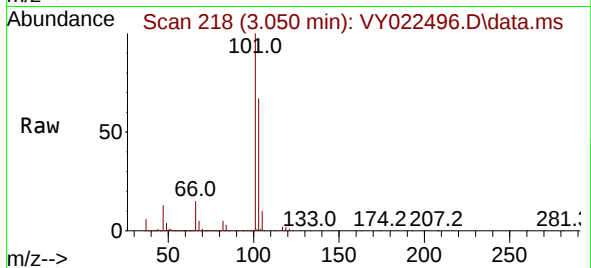
Tgt Ion: 64 Resp: 651603
Ion Ratio Lower Upper
64 100
66 32.4 23.8 35.6





#7
 Trichlorofluoromethane
 Concen: 153.303 ug/l
 RT: 3.050 min Scan# 219
 Delta R.T. -0.006 min
 Lab File: VY022496.D
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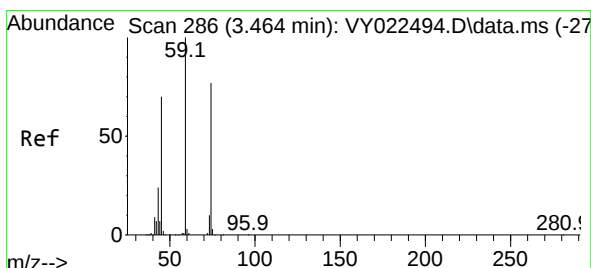
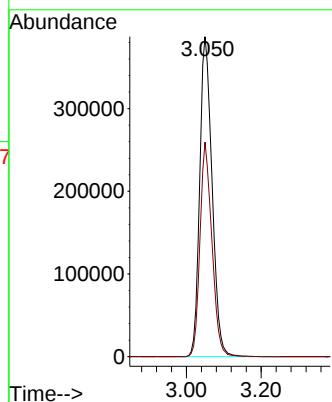
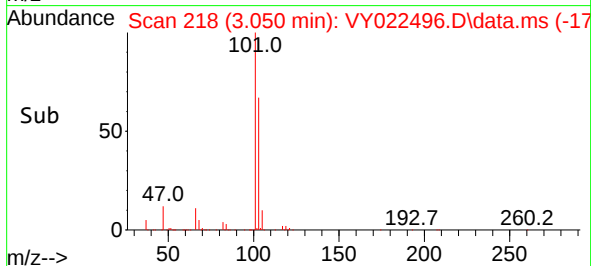
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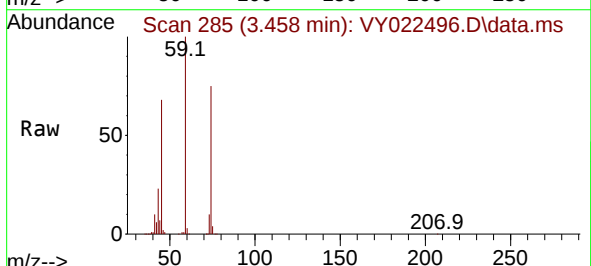
Tgt Ion:101 Resp: 88539
 Ion Ratio Lower Upper
 101 100
 103 67.0 52.2 78.2

Manual Integrations
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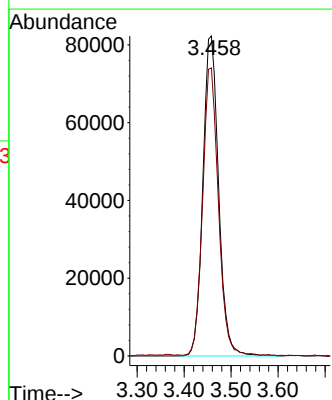
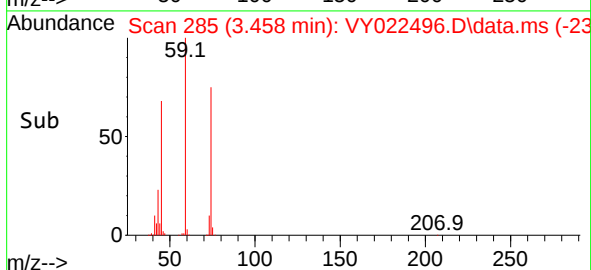
Reviewed By :Semsettin Yesilyurt 06/03/2025
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#8
 Diethyl Ether
 Concen: 150.036 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 191391
 Ion Ratio Lower Upper
 74 100
 45 89.8 45.9 137.6





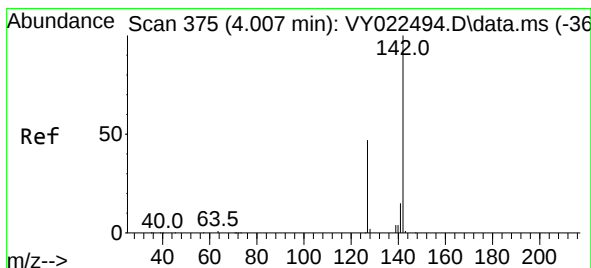
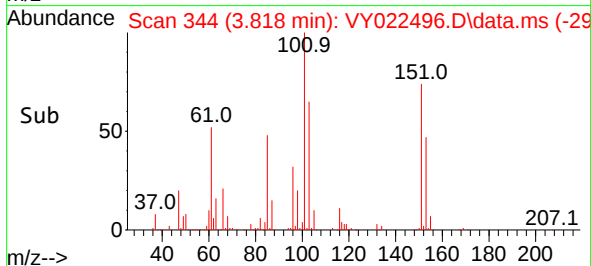
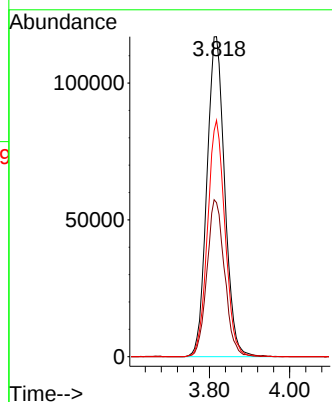
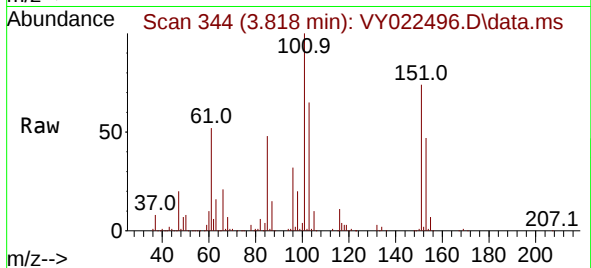
#9
1,1,2-Trichlorotrifluoroethane
Concen: 148.929 ug/l
RT: 3.818 min Scan# 344
Delta R.T. -0.000 min
Lab File: VY022496.D
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Instrument :
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Tgt Ion:101 Resp: 360800
Ion Ratio Lower Upper
101 100
85 48.7 39.3 58.9
151 72.4 57.8 86.8

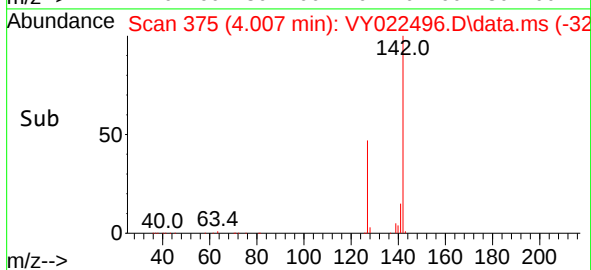
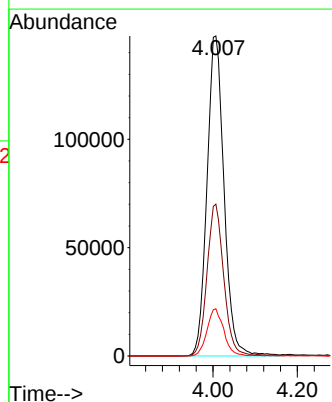
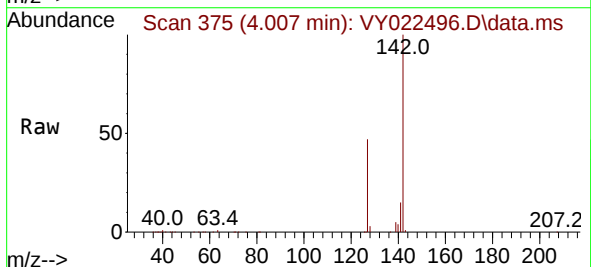
Manual Integrations
APPROVED

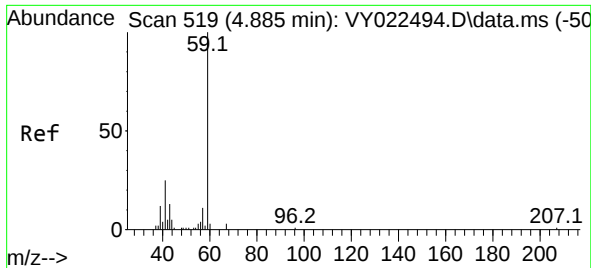
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#10
Methyl Iodide
Concen: 160.129 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

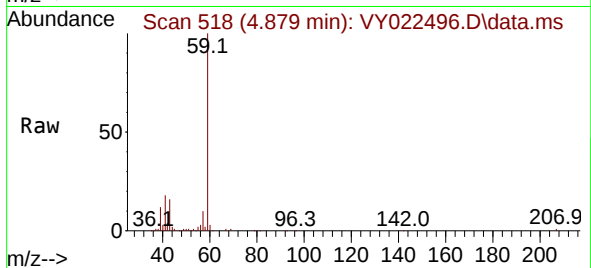
Tgt Ion:142 Resp: 416014
Ion Ratio Lower Upper
142 100
127 46.7 37.1 55.7
141 14.6 11.4 17.2





#11
Tert butyl alcohol
Concen: 731.071 ug/l
RT: 4.879 min Scan# 519
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

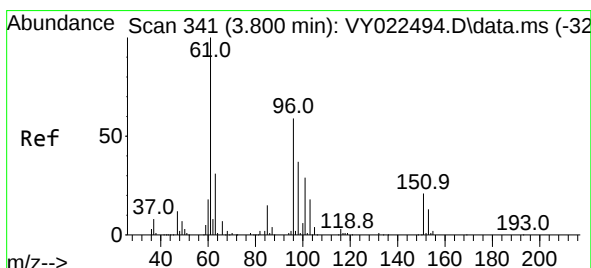
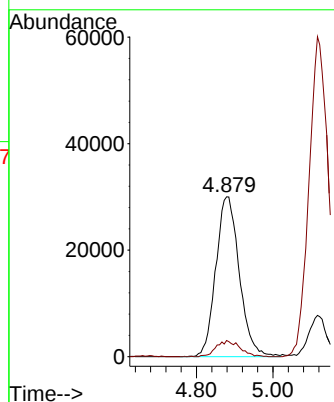
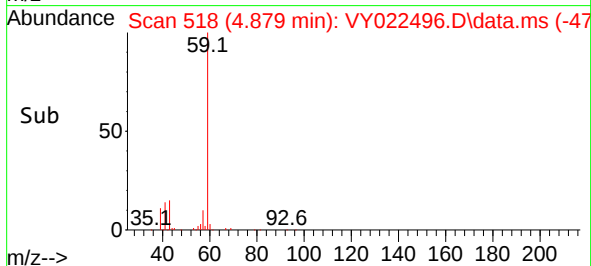
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



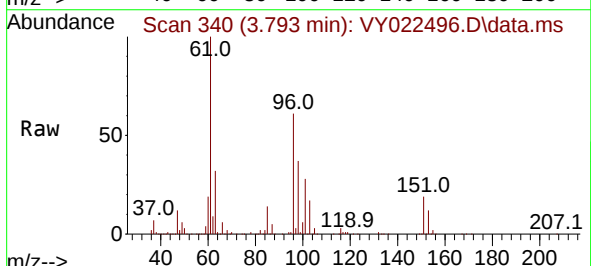
Tgt Ion: 59 Resp: 128018
Ion Ratio Lower Upper
59 100
57 10.1 8.0 12.0

Manual Integrations
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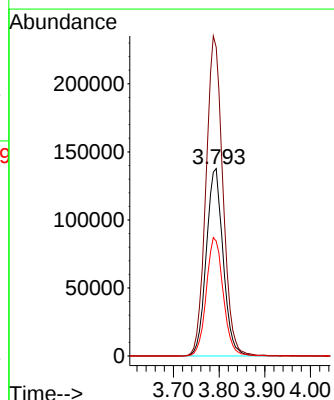
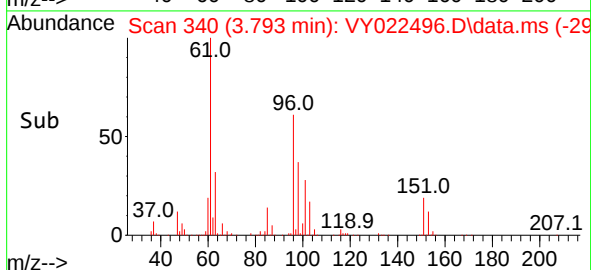
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

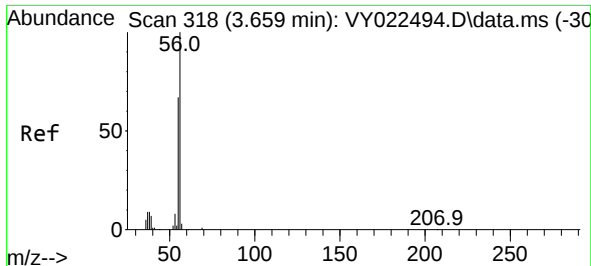


#12
1,1-Dichloroethene
Concen: 152.730 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39



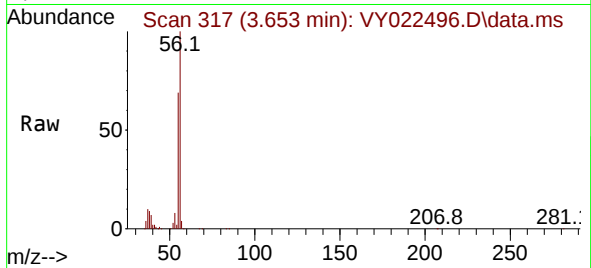
Tgt Ion: 96 Resp: 353193
Ion Ratio Lower Upper
96 100
61 164.8 134.6 201.8
98 61.3 50.2 75.4





#13
Acrolein
Concen: 731.778 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

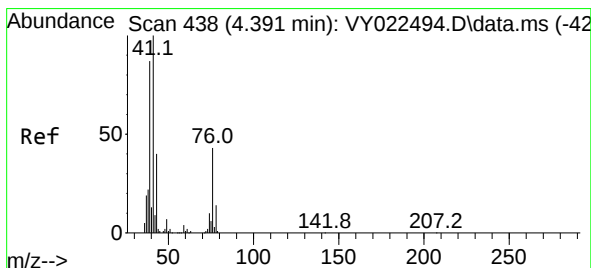
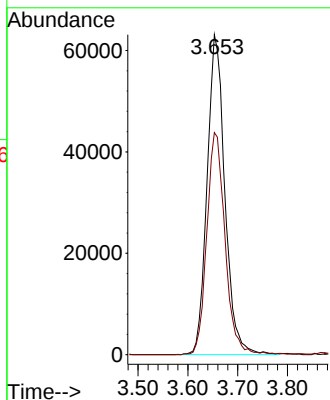
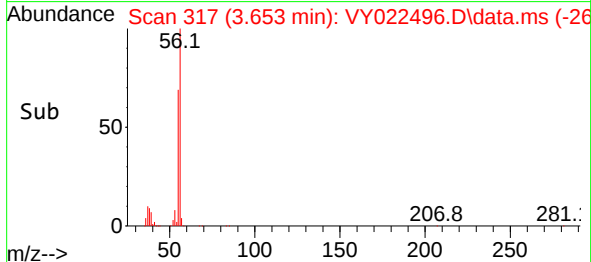
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion: 56 Resp: 15641
Ion Ratio Lower Upper
56 100
55 70.9 57.0 85.6

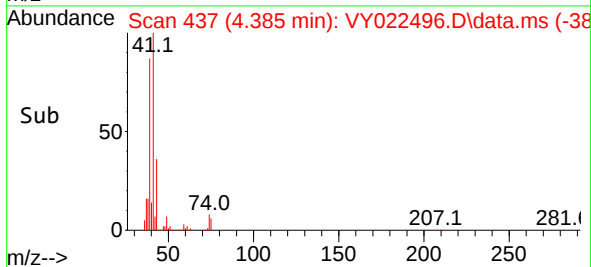
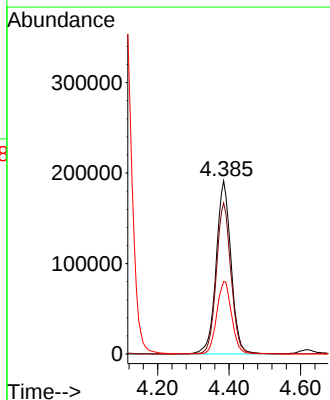
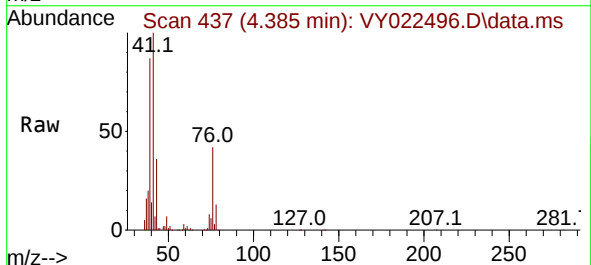
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#14
Allyl chloride
Concen: 153.152 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

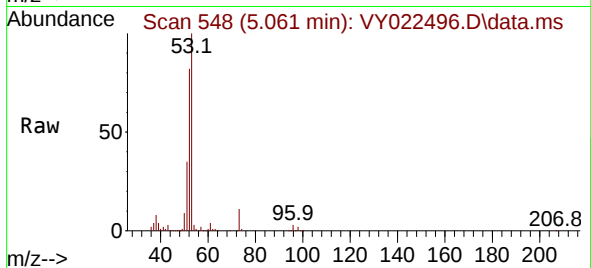
Tgt Ion: 41 Resp: 551896
Ion Ratio Lower Upper
41 100
39 86.2 69.1 103.7
76 41.5 33.5 50.3





#15
Acrylonitrile
Concen: 749.634 ug/l
RT: 5.061 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

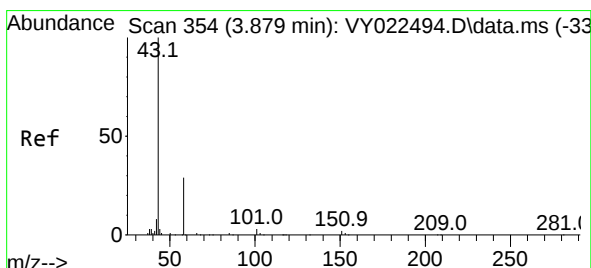
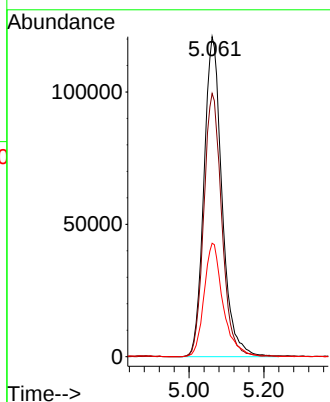
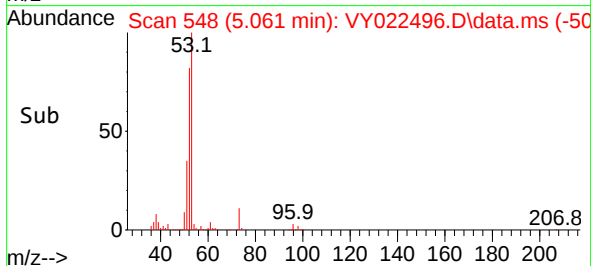
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion: 53 Resp: 406745
Ion Ratio Lower Upper
53 100
52 81.8 65.7 98.5
51 37.1 30.1 45.1

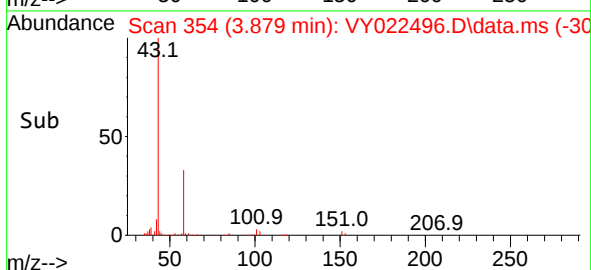
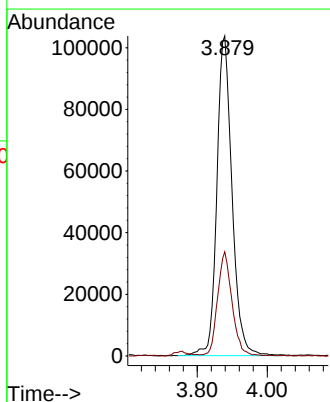
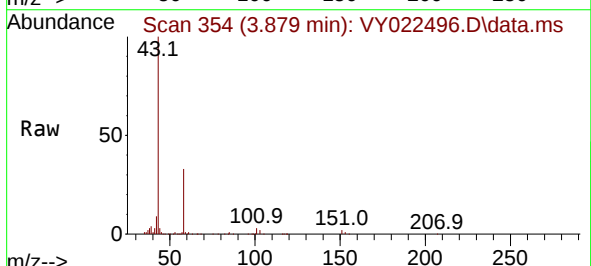
Manual Integrations
APPROVED

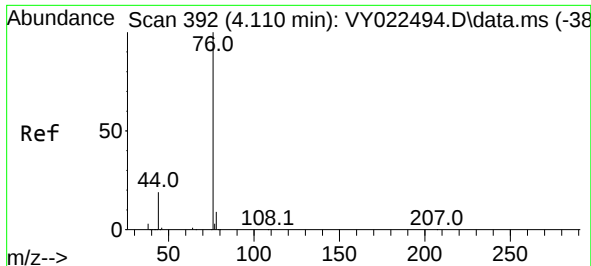
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#16
Acetone
Concen: 643.577 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 43 Resp: 311886
Ion Ratio Lower Upper
43 100
58 32.5 24.0 36.0





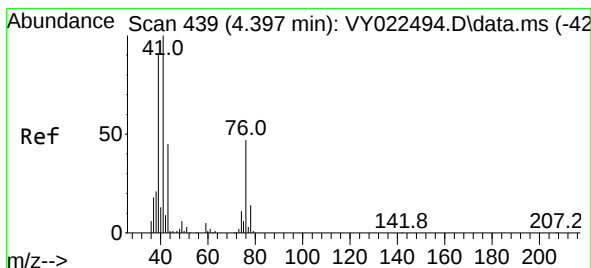
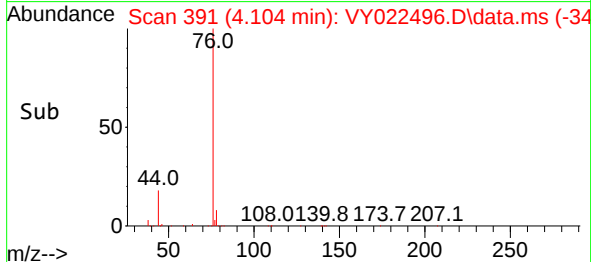
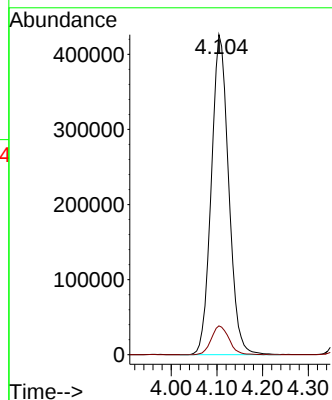
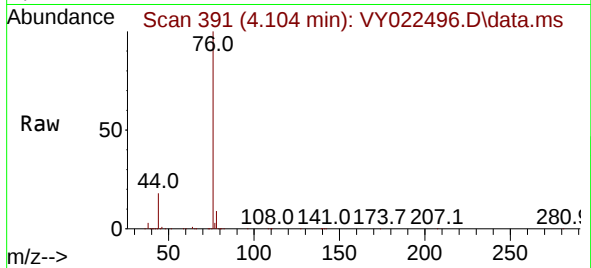
#17
Carbon Disulfide
Concen: 152.513 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 76 Resp: 112607
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2

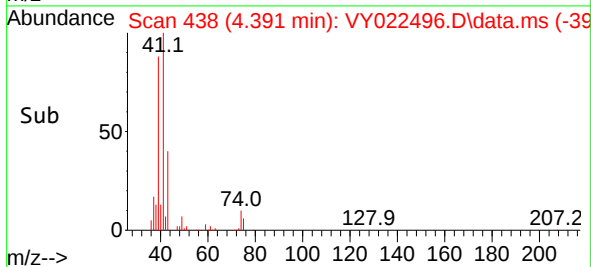
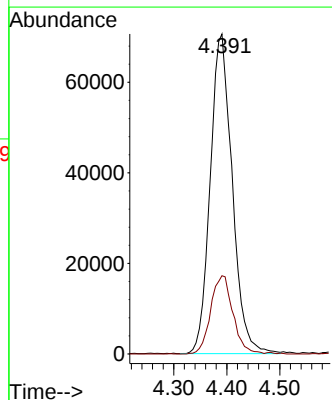
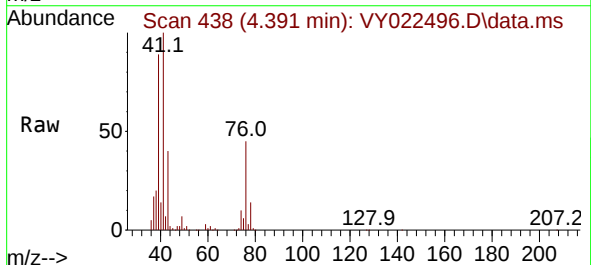
Manual Integrations
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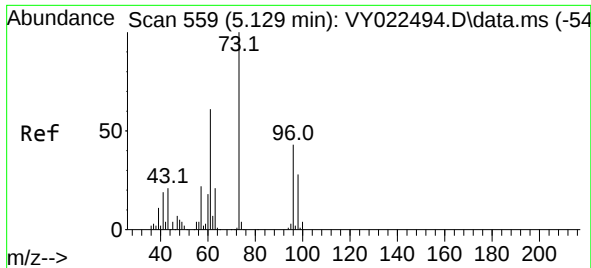
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#18
Methyl Acetate
Concen: 139.589 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 43 Resp: 203507
Ion Ratio Lower Upper
43 100
74 24.7 19.8 29.6





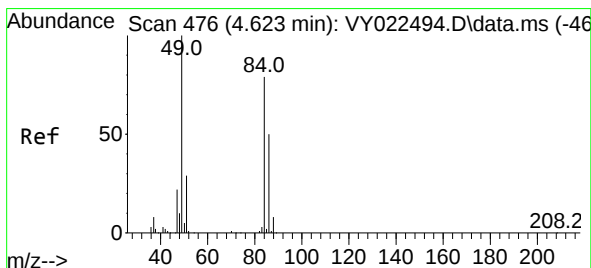
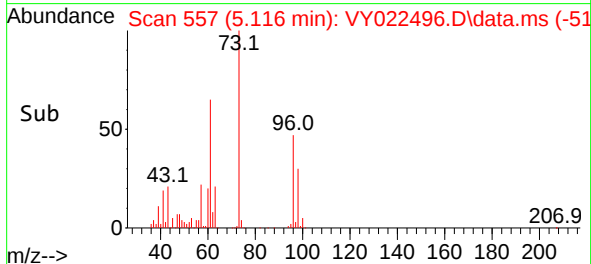
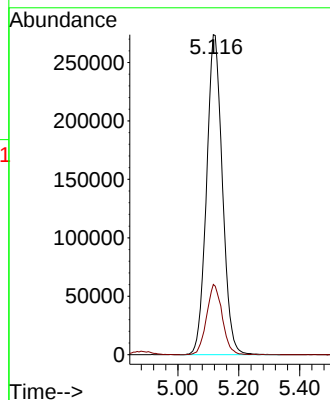
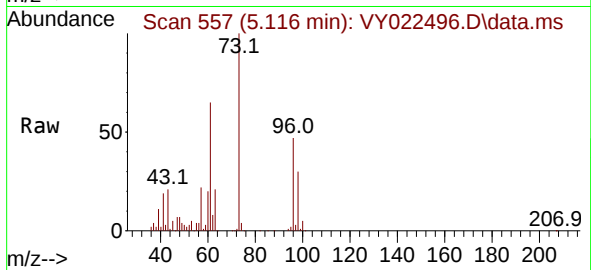
#19
Methyl tert-butyl Ether
Concen: 153.134 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 73 Resp: 98807
Ion Ratio Lower Upper
73 100
57 21.9 17.4 26.0

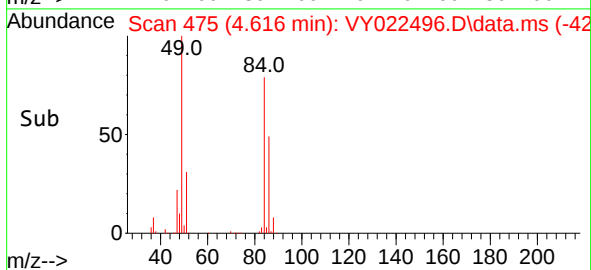
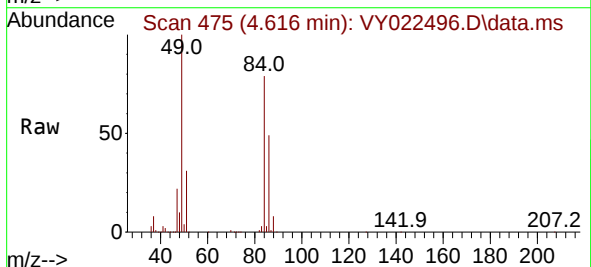
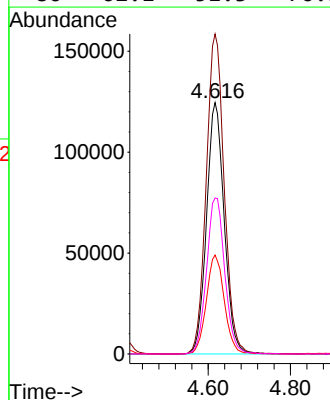
Manual Integrations
APPROVED

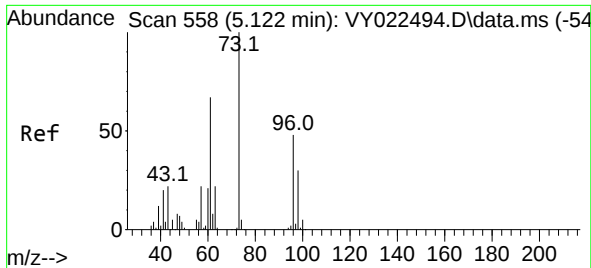
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#20
Methylene Chloride
Concen: 137.416 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

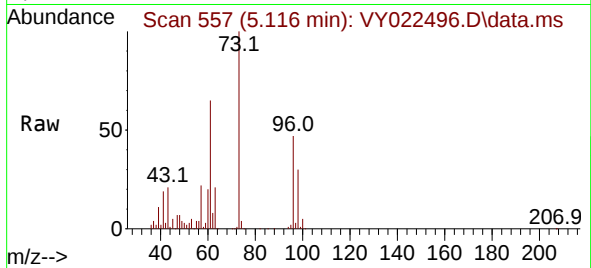
Tgt Ion: 84 Resp: 371818
Ion Ratio Lower Upper
84 100
49 127.3 101.9 152.9
51 39.4 29.8 44.8
86 62.1 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 154.808 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

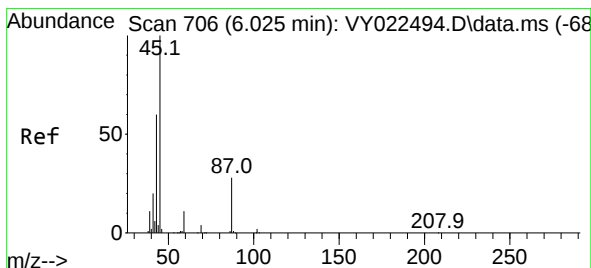
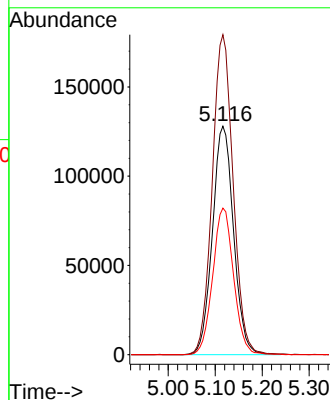
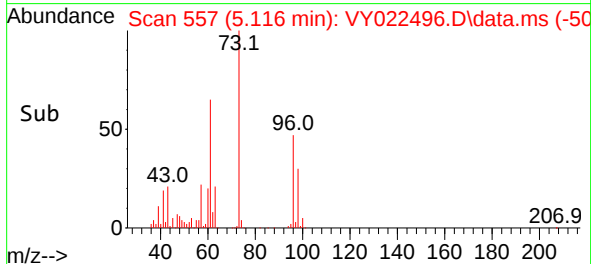
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion: 96 Resp: 39993
Ion Ratio Lower Upper
96 100
61 140.1 112.6 169.0
98 64.1 50.6 75.8

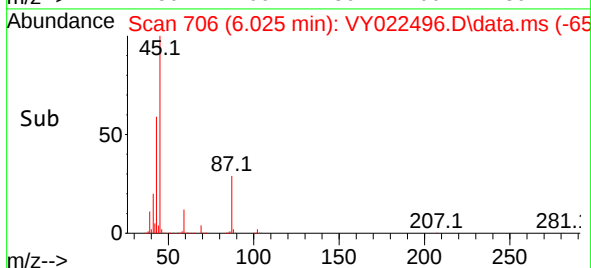
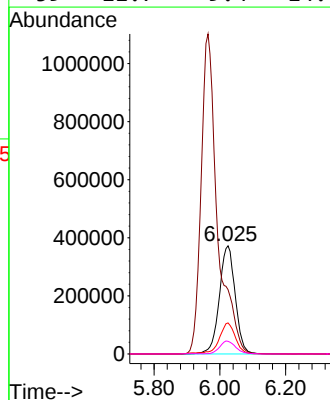
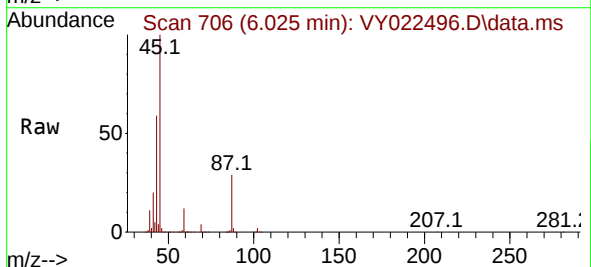
Manual Integrations
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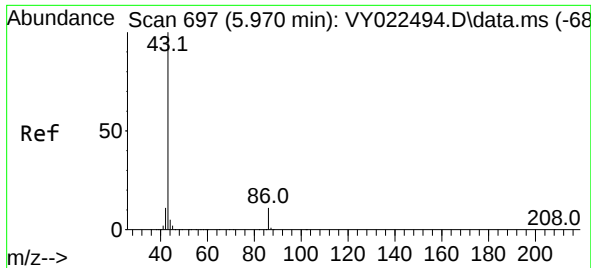
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#22
Diisopropyl ether
Concen: 155.346 ug/l
RT: 6.025 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 45 Resp: 1244804
Ion Ratio Lower Upper
45 100
43 59.5 48.3 72.5
87 28.6 23.0 34.6
59 11.7 9.4 14.0





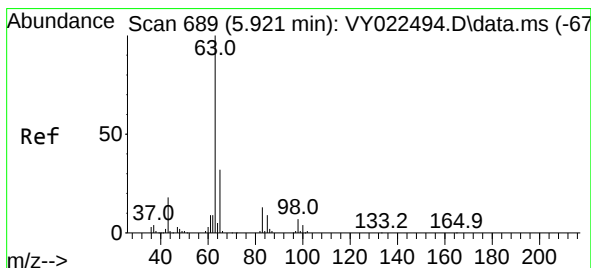
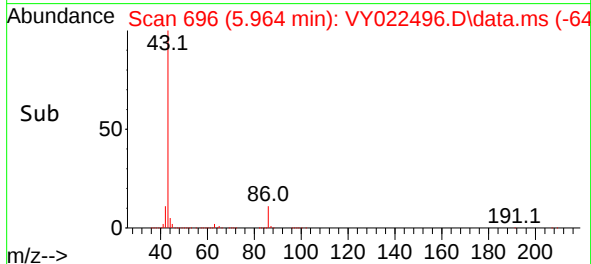
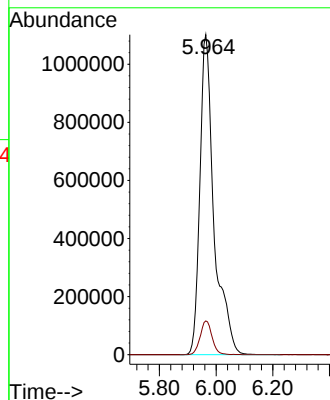
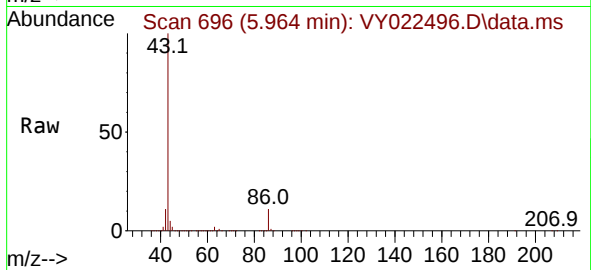
#23
 Vinyl Acetate
 Concen: 800.629 ug/l
 RT: 5.964 min Scan# 697
 Delta R.T. -0.006 min
 Lab File: VY022496.D
 Acq: 02 Jun 2025 13:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tgt Ion: 43 Resp: 3806024
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.6 12.8

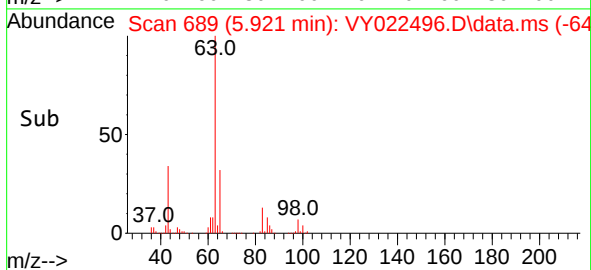
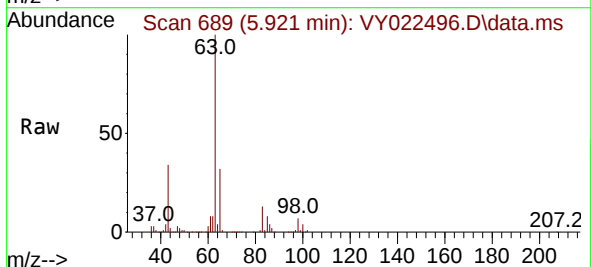
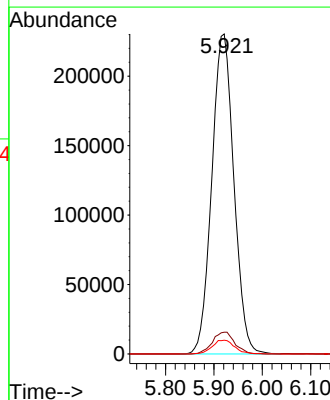
Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/03/2025
 Supervised By :Mahesh Dadoda 06/03/2025



#24
 1,1-Dichloroethane
 Concen: 154.173 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY022496.D
 Acq: 02 Jun 2025 13:39

Tgt Ion: 63 Resp: 730276
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.1
 100 4.3 2.1 6.3





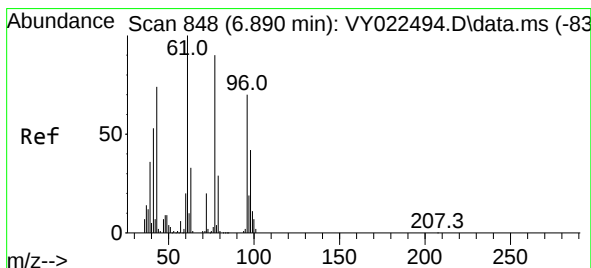
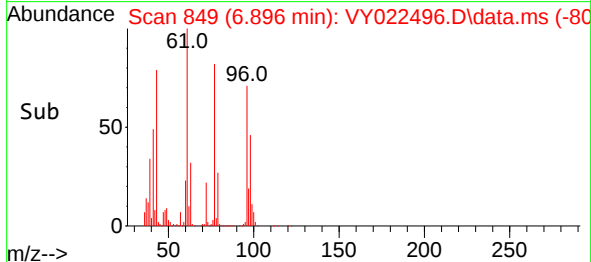
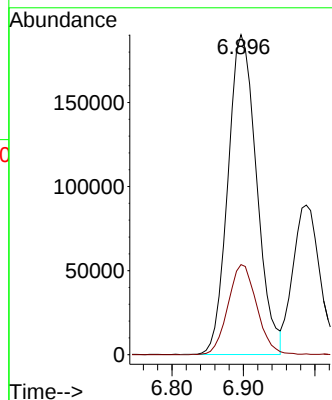
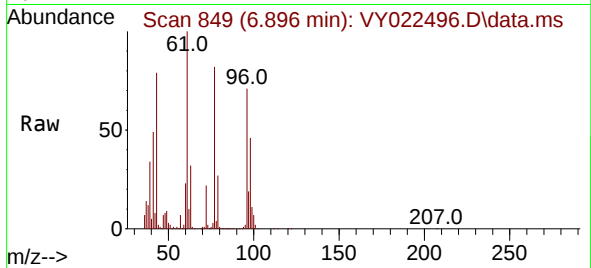
#25
2-Butanone
Concen: 742.386 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 530692
Ion Ratio Lower Upper
43 100
72 28.2 22.9 34.3

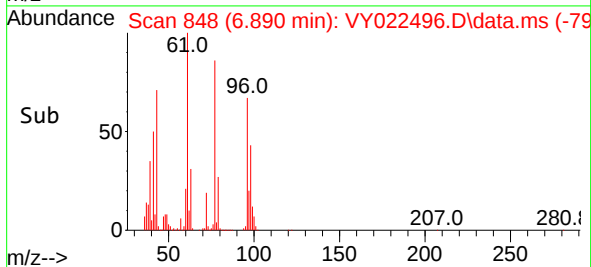
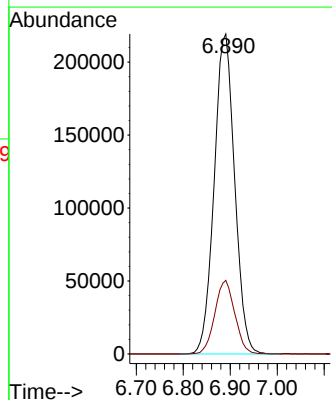
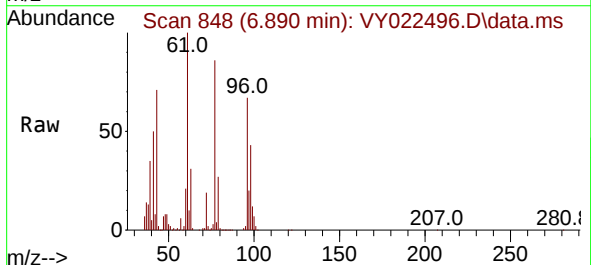
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#26
2,2-Dichloropropane
Concen: 157.698 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 77 Resp: 664024
Ion Ratio Lower Upper
77 100
97 22.4 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 156.334 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY022496.D

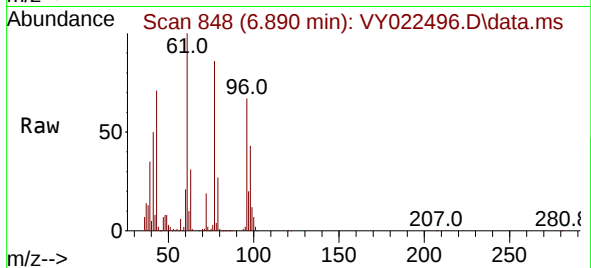
Acq: 02 Jun 2025 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150



Tgt Ion: 96 Resp: 466804

Ion Ratio Lower Upper

96 100

61 148.6 0.0 290.0

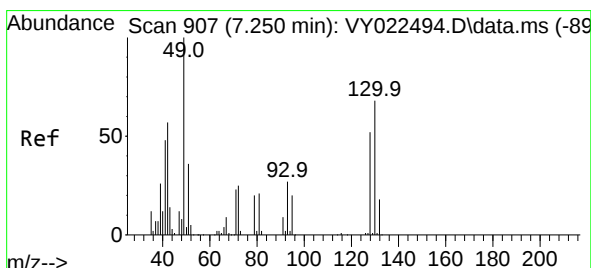
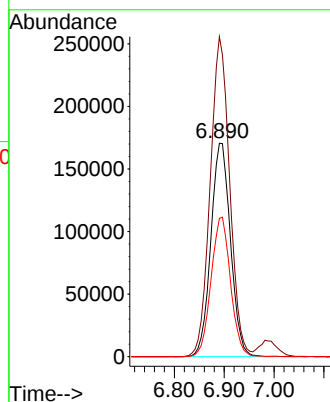
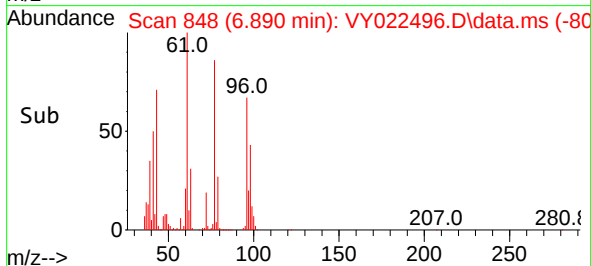
98 64.7 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025

Supervised By :Mahesh Dadoda 06/03/2025



#28

Bromochloromethane

Concen: 156.605 ug/l

RT: 7.250 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY022496.D

Acq: 02 Jun 2025 13:39

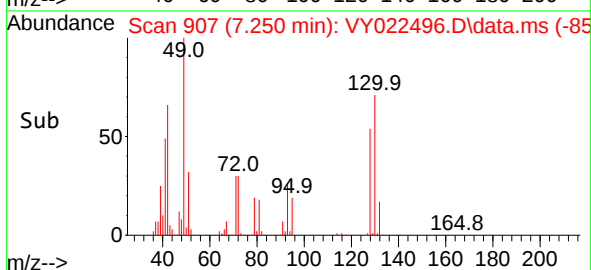
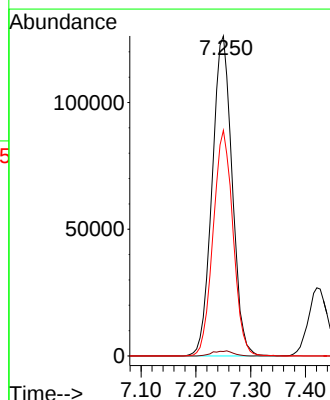
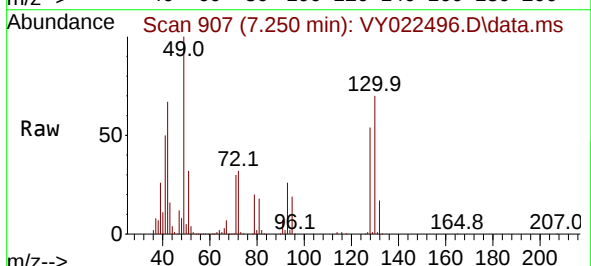
Tgt Ion: 49 Resp: 320509

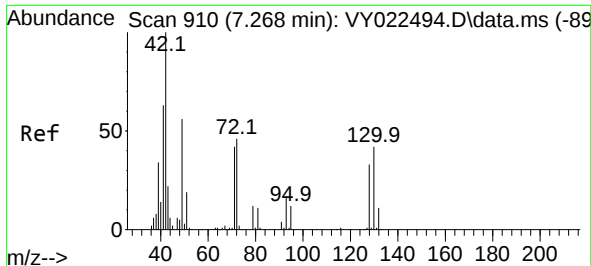
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.6

130 69.8 55.7 83.5





#29

Tetrahydrofuran

Concen: 742.566 ug/l

RT: 7.268 min Scan# 910

Delta R.T. -0.000 min

Lab File: VY022496.D

Acq: 02 Jun 2025 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

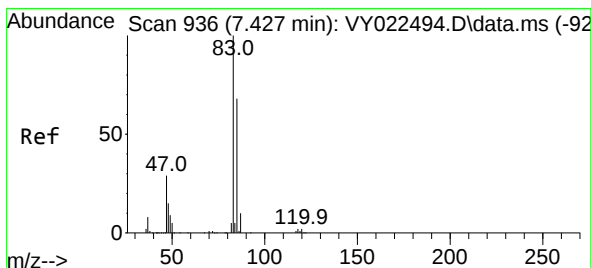
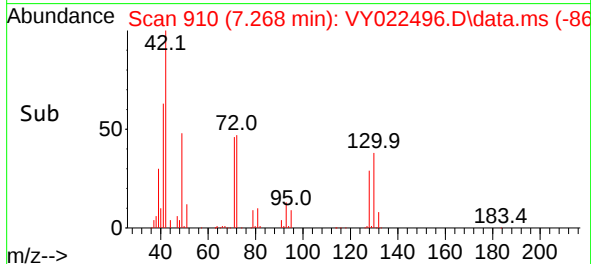
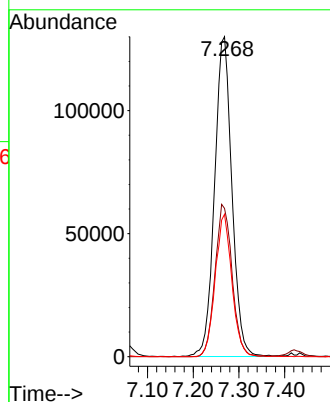
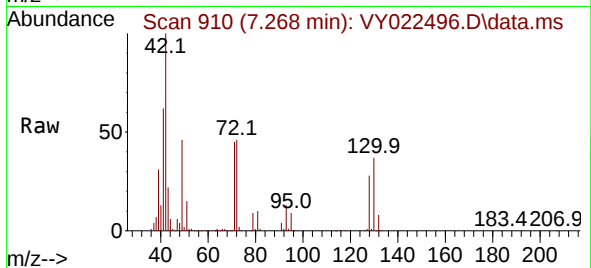
Tgt Ion: 42 Resp: 342435

Ion	Ratio	Lower	Upper
42	100		
72	47.0	37.4	56.2
71	42.9	34.2	51.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#30

Chloroform

Concen: 153.285 ug/l

RT: 7.421 min Scan# 935

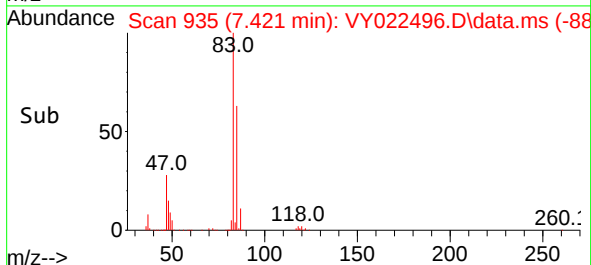
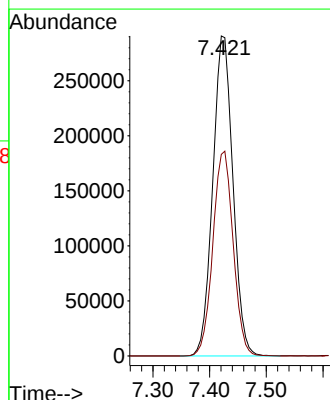
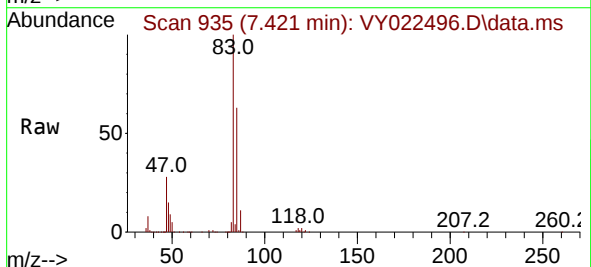
Delta R.T. -0.006 min

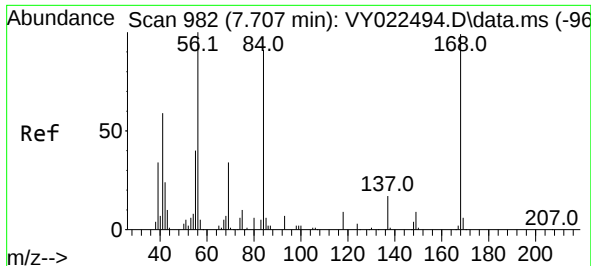
Lab File: VY022496.D

Acq: 02 Jun 2025 13:39

Tgt Ion: 83 Resp: 717477

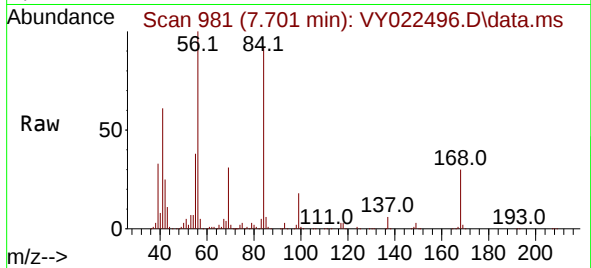
Ion	Ratio	Lower	Upper
83	100		
85	63.0	54.2	81.4





#31
Cyclohexane
Concen: 140.095 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

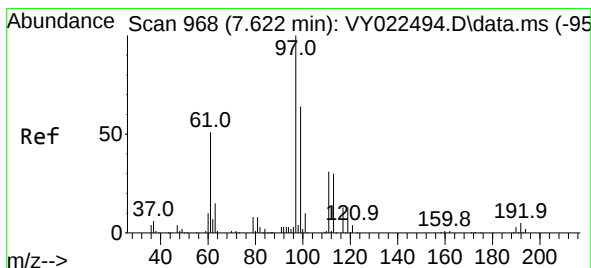
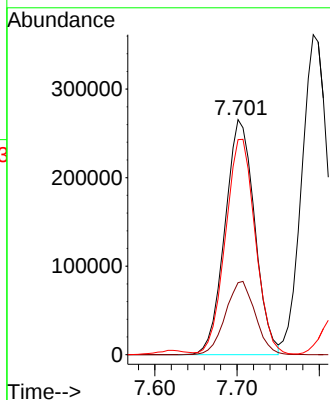
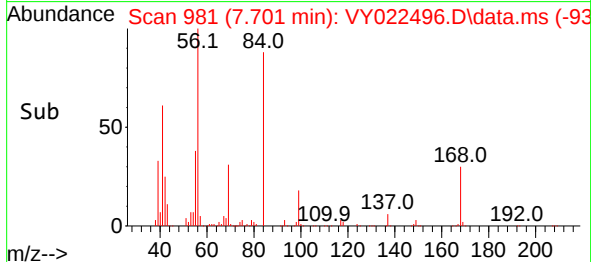
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



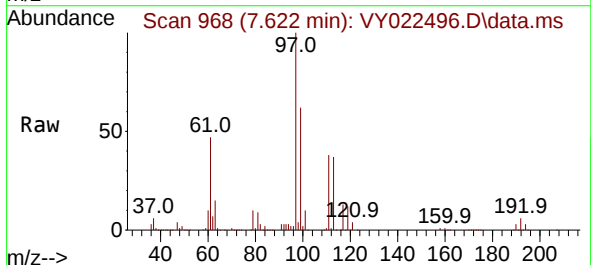
Tgt Ion: 56 Resp: 667830
Ion Ratio Lower Upper
56 100
69 30.6 27.0 40.6
84 89.9 72.6 109.0

Manual Integrations
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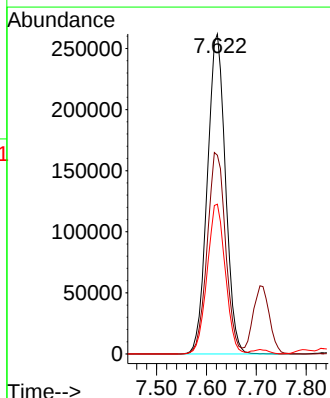
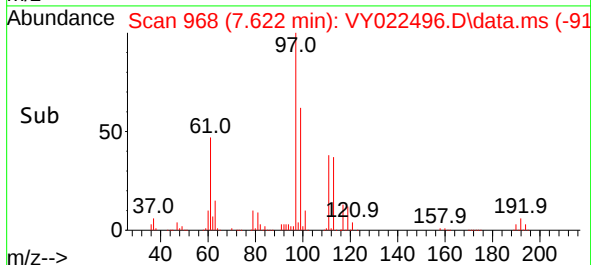
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

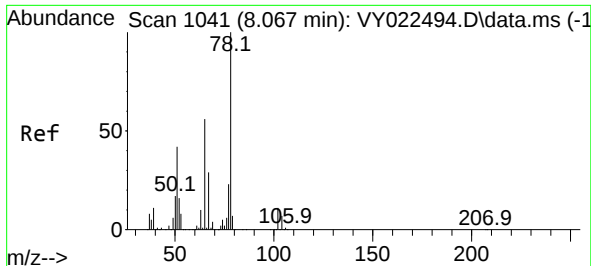


#32
1,1,1-Trichloroethane
Concen: 157.892 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39



Tgt Ion: 97 Resp: 660456
Ion Ratio Lower Upper
97 100
99 64.0 50.9 76.3
61 47.2 38.5 57.7





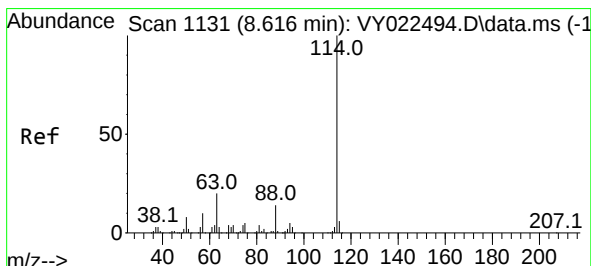
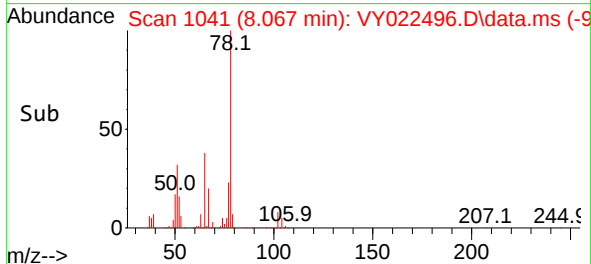
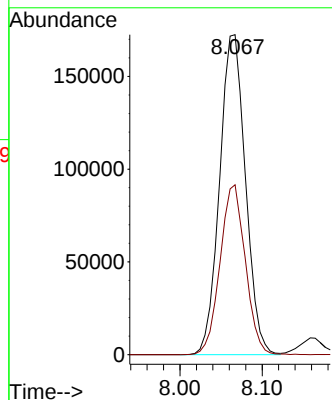
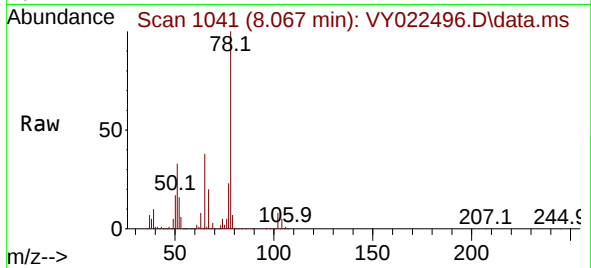
#33
1,2-Dichloroethane-d4
Concen: 154.078 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 65 Resp: 377700
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.4

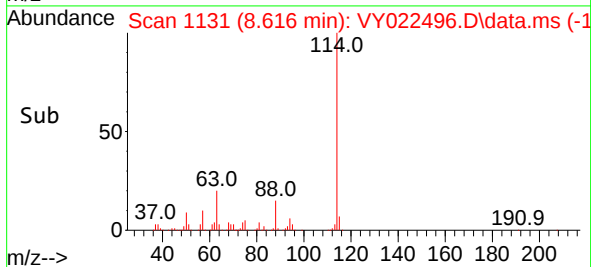
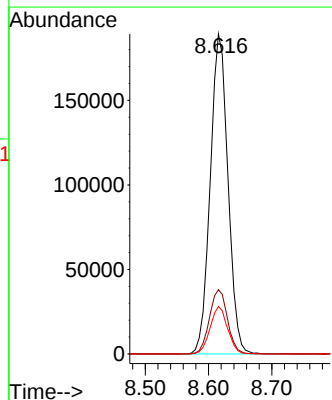
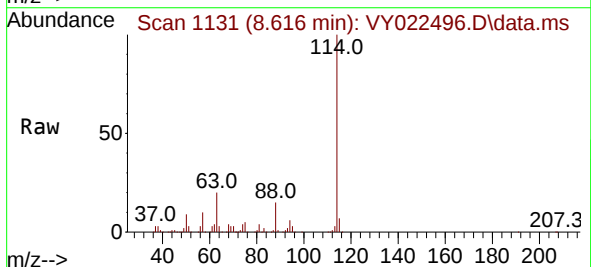
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

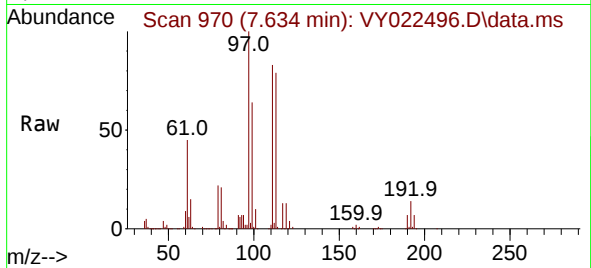
Tgt Ion:114 Resp: 367991
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.8
88 14.8 0.0 27.8





#35
Dibromofluoromethane
Concen: 160.661 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

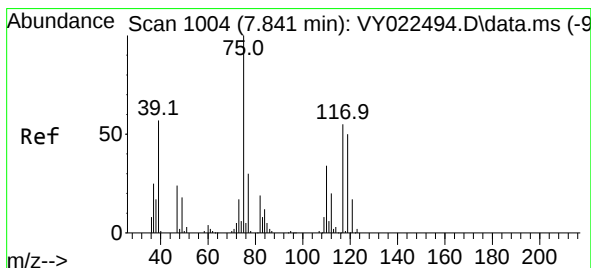
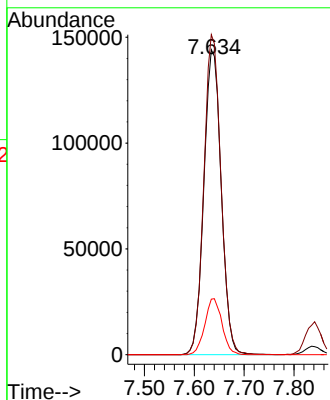
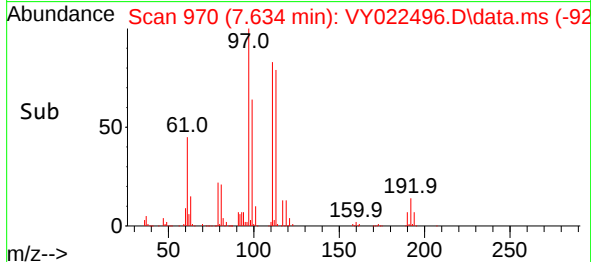
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion:113 Resp: 348038
Ion Ratio Lower Upper
113 100
111 103.3 81.1 121.7
192 18.2 14.2 21.2

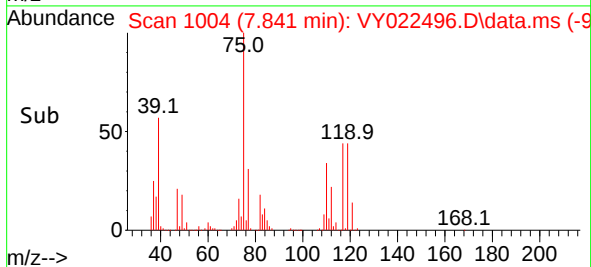
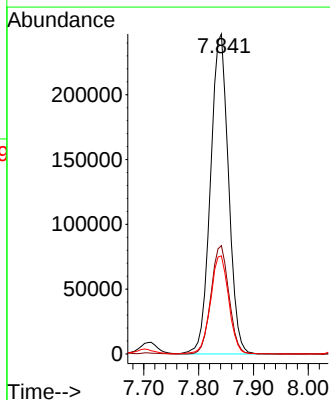
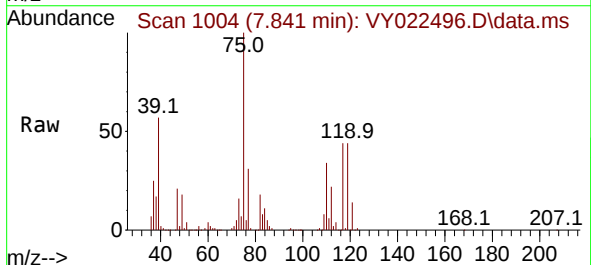
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#36
1,1-Dichloropropene
Concen: 160.756 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

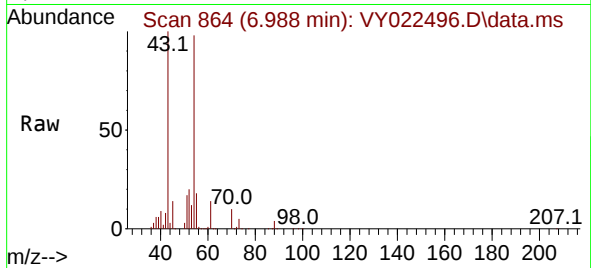
Tgt Ion: 75 Resp: 562935
Ion Ratio Lower Upper
75 100
110 33.6 16.9 50.7
77 31.1 24.8 37.2





#37
Ethyl Acetate
Concen: 155.059 ug/l
RT: 6.988 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

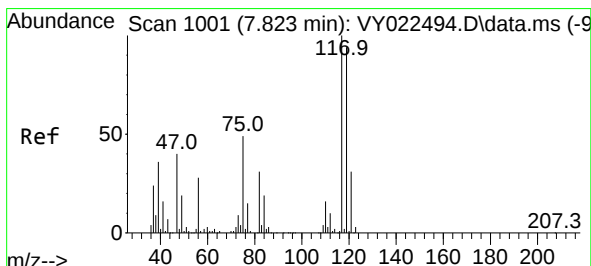
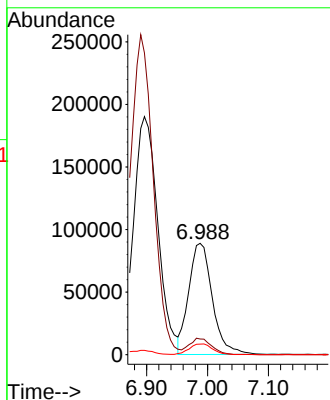
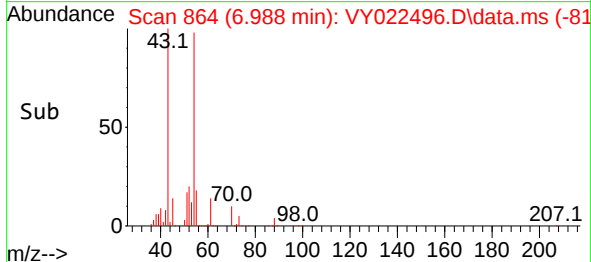
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion: 43 Resp: 238960
Ion Ratio Lower Upper
43 100
61 13.5 11.5 17.3
70 9.4 7.2 10.8

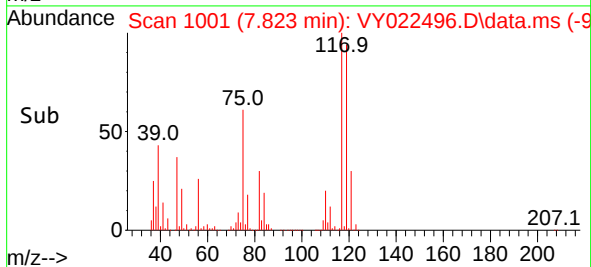
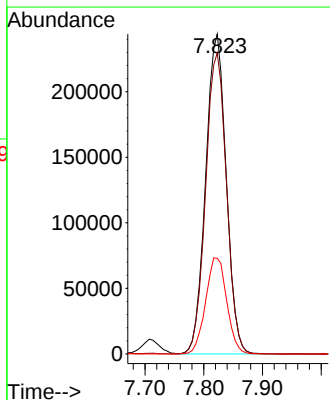
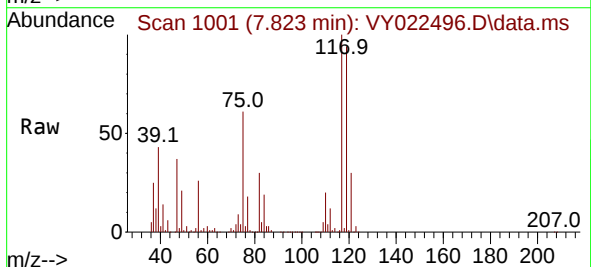
Manual Integrations
APPROVED

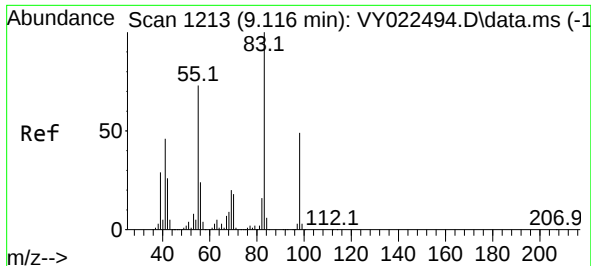
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#38
Carbon Tetrachloride
Concen: 164.311 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:117 Resp: 593167
Ion Ratio Lower Upper
117 100
119 94.1 75.0 112.6
121 29.9 25.0 37.4





#39

Methylcyclohexane

Concen: 162.851 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022496.D

Acq: 02 Jun 2025 13:39

Instrument :

MSVOA_Y

ClientSampleId :

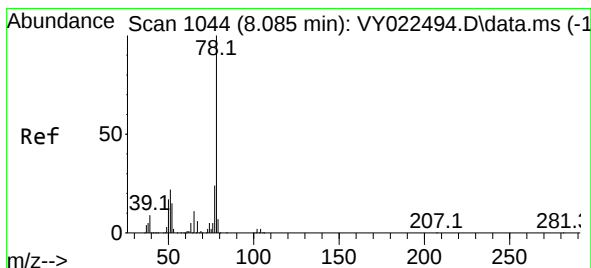
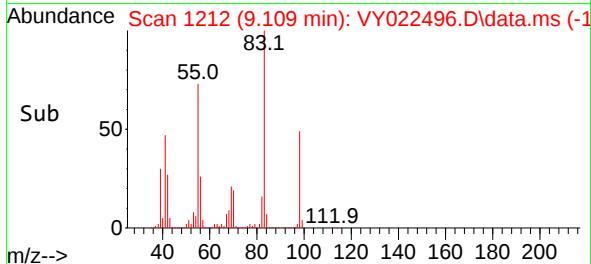
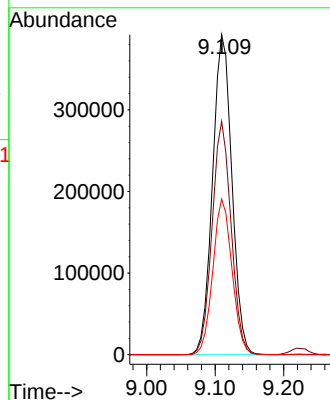
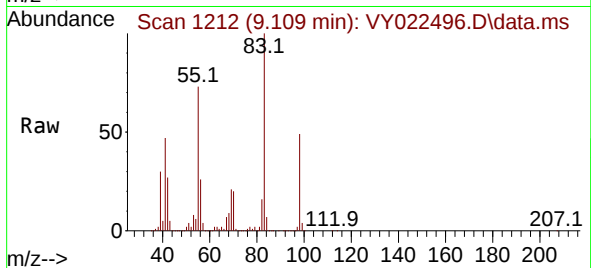
VSTDICC150

Tgt Ion: 83 Resp: 770382
 Ion Ratio Lower Upper
 83 100
 55 72.9 58.1 87.1
 98 48.7 39.0 58.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
 Supervised By :Mahesh Dadoda 06/03/2025



#40

Benzene

Concen: 162.332 ug/l

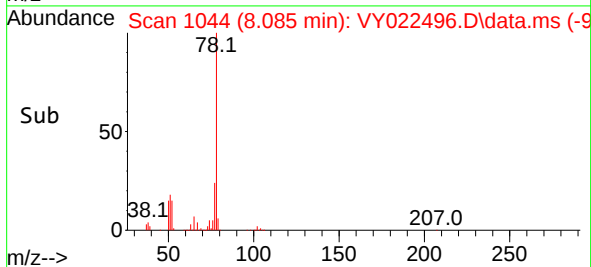
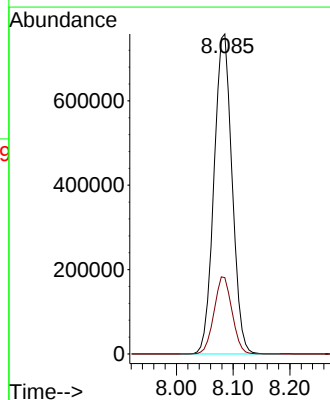
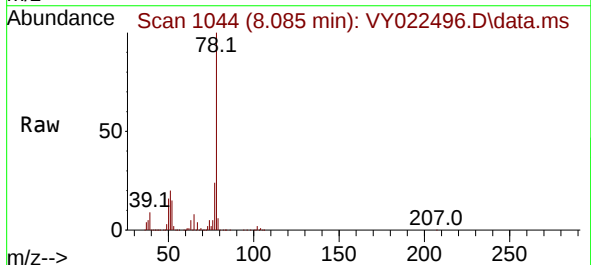
RT: 8.085 min Scan# 1044

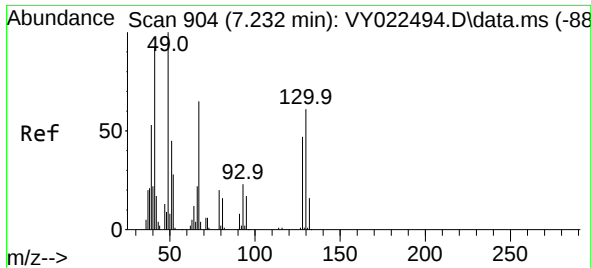
Delta R.T. -0.000 min

Lab File: VY022496.D

Acq: 02 Jun 2025 13:39

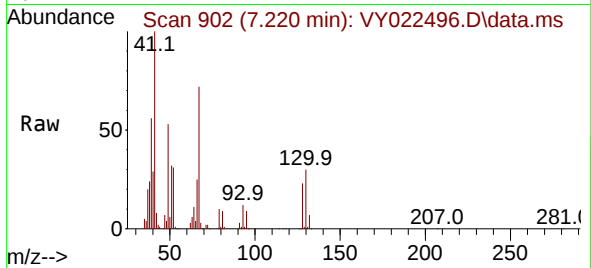
Tgt Ion: 78 Resp: 1675603
 Ion Ratio Lower Upper
 78 100
 77 23.9 19.3 28.9





#41
Methacrylonitrile
Concen: 137.523 ug/l
RT: 7.220 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

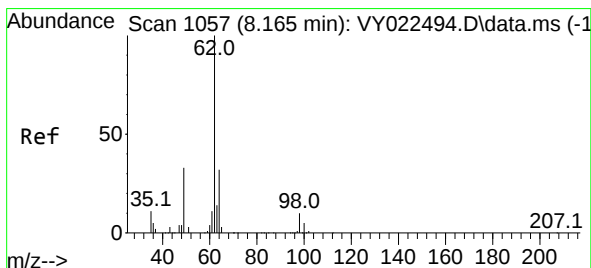
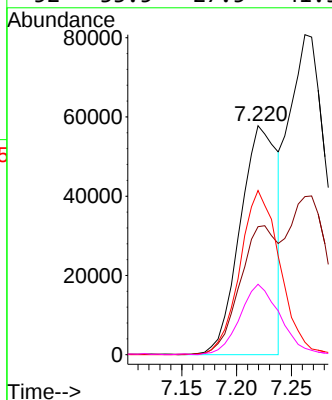
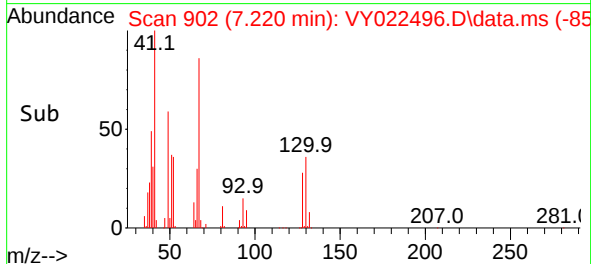
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 41 Resp: 136495
Ion Ratio Lower Upper
41 100
39 56.5 46.6 69.8
67 77.5 63.3 94.9
52 33.5 27.5 41.3

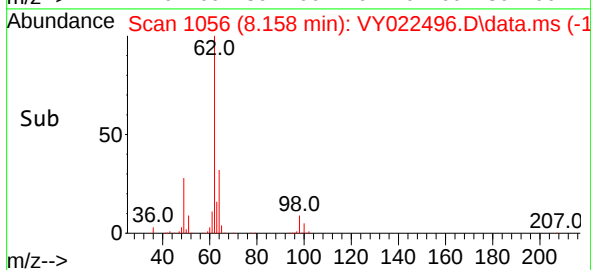
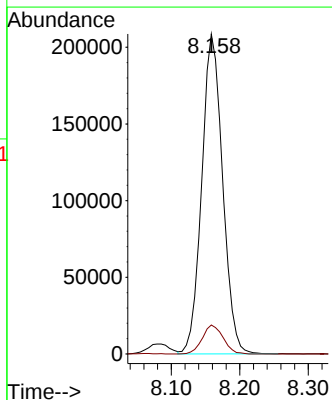
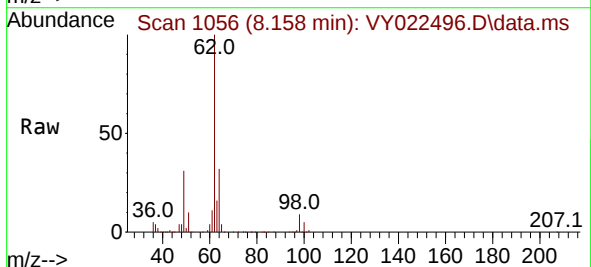
Manual Integrations
APPROVED

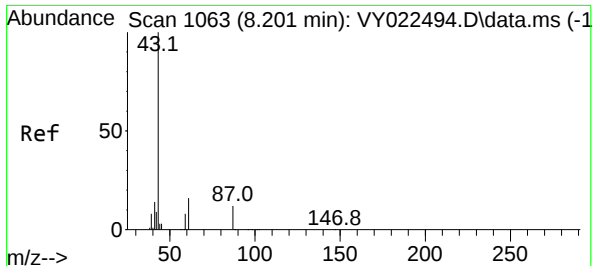
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#42
1,2-Dichloroethane
Concen: 157.491 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

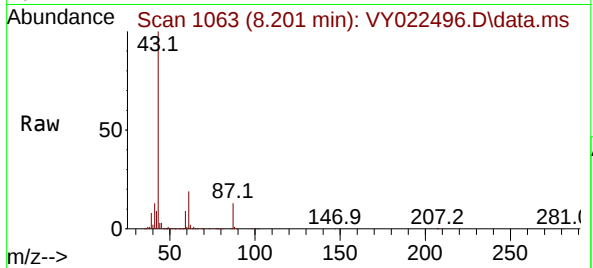
Tgt Ion: 62 Resp: 442216
Ion Ratio Lower Upper
62 100
98 9.0 0.0 19.2





#43
Isopropyl Acetate
Concen: 155.250 ug/l
RT: 8.201 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

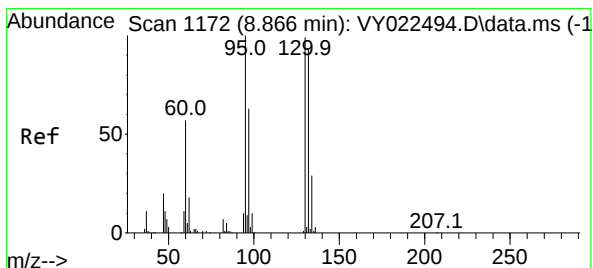
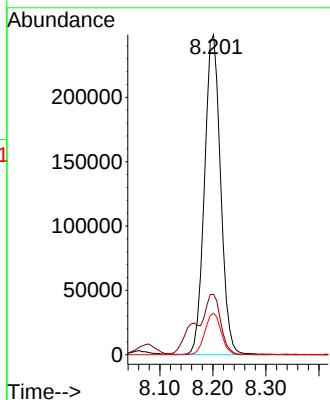
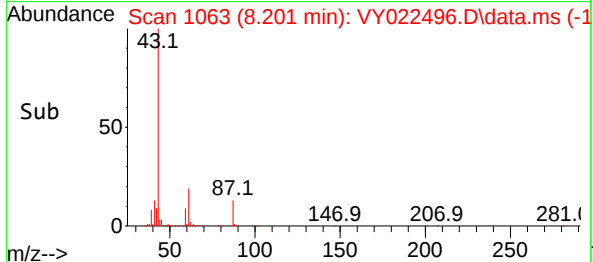
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 52284
Ion Ratio Lower Upper
43 100
61 18.5 15.6 23.4
87 13.1 10.2 15.4

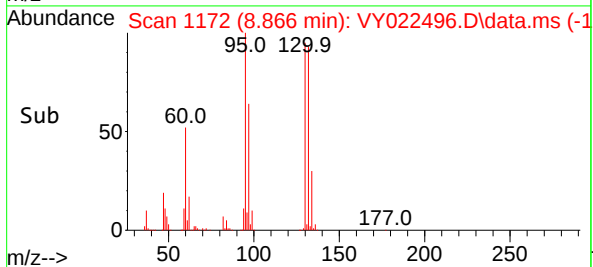
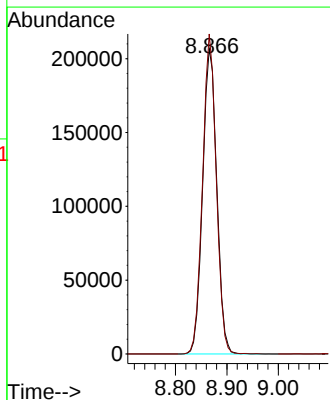
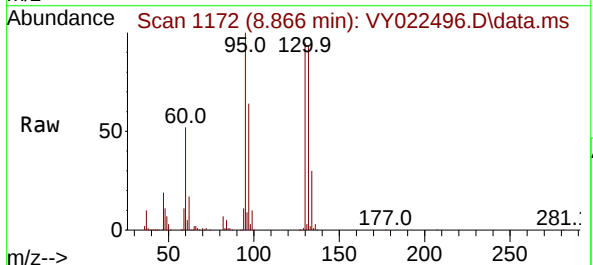
Manual Integrations
APPROVED

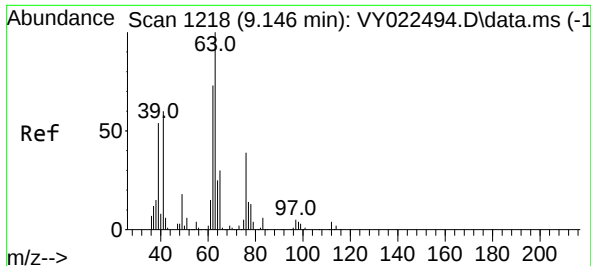
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#44
Trichloroethene
Concen: 156.583 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:130 Resp: 394832
Ion Ratio Lower Upper
130 100
95 104.8 0.0 203.0





#45

1,2-Dichloropropane

Concen: 156.539 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VY022496.D

Acq: 02 Jun 2025 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 385200

Ion Ratio Lower Upper

63 100

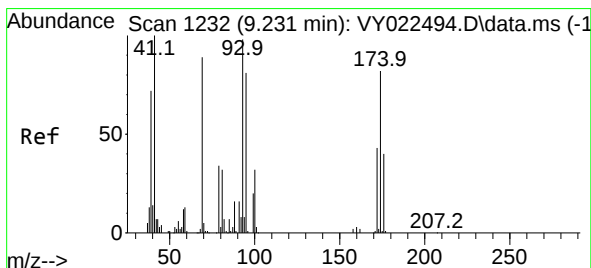
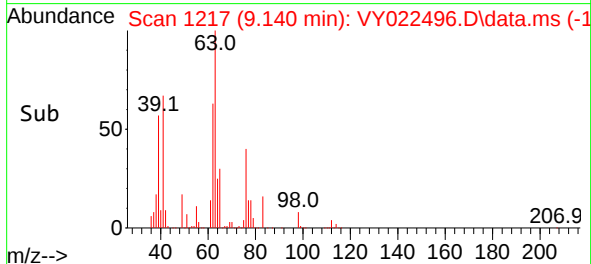
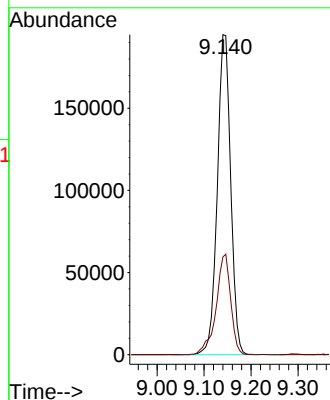
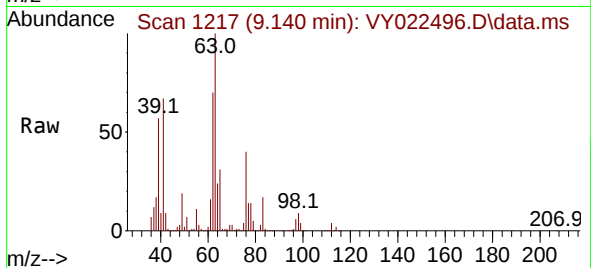
65 30.6 24.0 36.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/03/2025

Supervised By :Mahesh Dadoda 06/03/2025



#46

Dibromomethane

Concen: 158.140 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022496.D

Acq: 02 Jun 2025 13:39

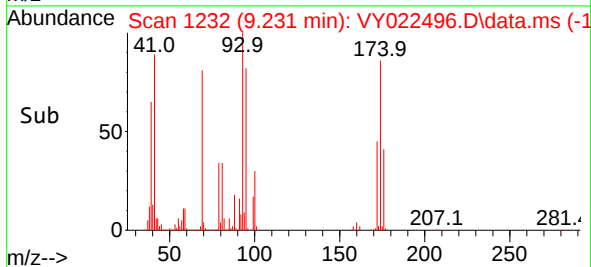
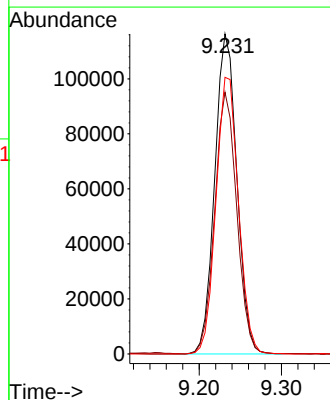
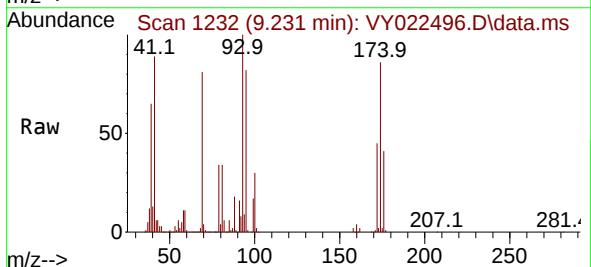
Tgt Ion: 93 Resp: 218014

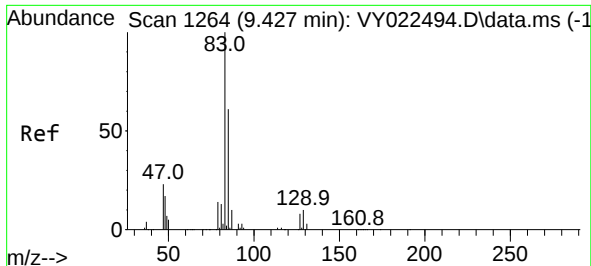
Ion Ratio Lower Upper

93 100

95 81.6 65.6 98.4

174 87.8 70.4 105.6





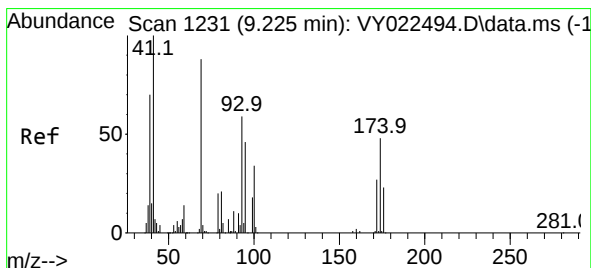
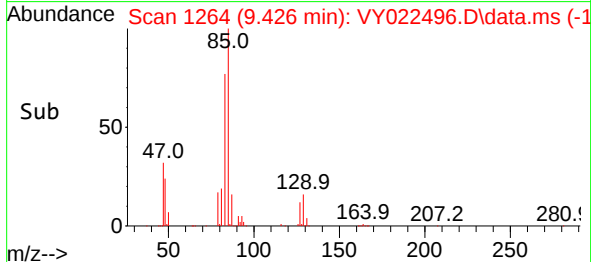
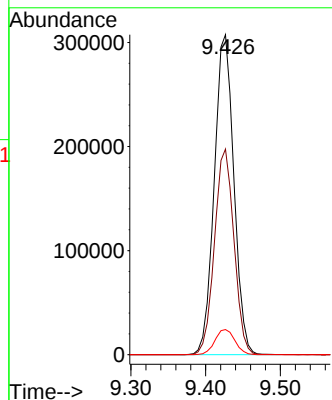
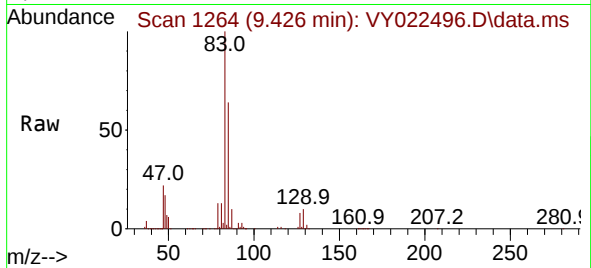
#47
Bromodichloromethane
Concen: 160.221 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 560425
Ion Ratio Lower Upper
83 100
85 64.3 49.1 73.7
127 7.9 6.2 9.4

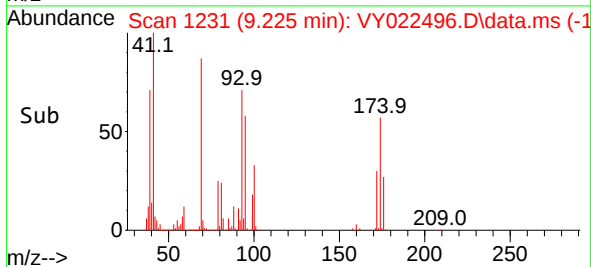
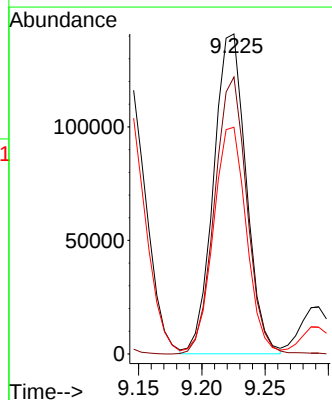
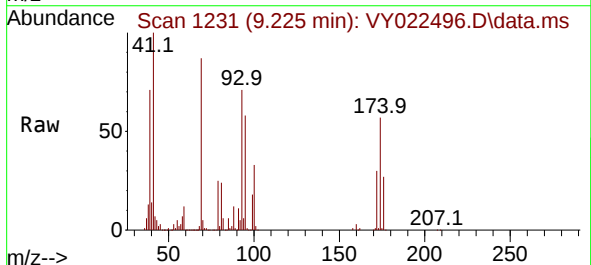
Manual Integrations
APPROVED

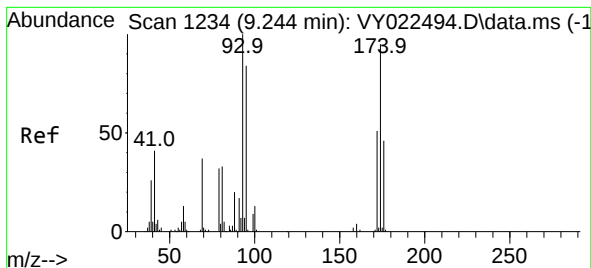
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#48
Methyl methacrylate
Concen: 163.897 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 41 Resp: 252724
Ion Ratio Lower Upper
41 100
69 85.6 67.8 101.8
39 69.7 55.0 82.4





#49

1,4-Dioxane

Concen: 3093.301 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY022496.D

Acq: 02 Jun 2025 13:39

Instrument :

MSVOA_Y

ClientSampleId :

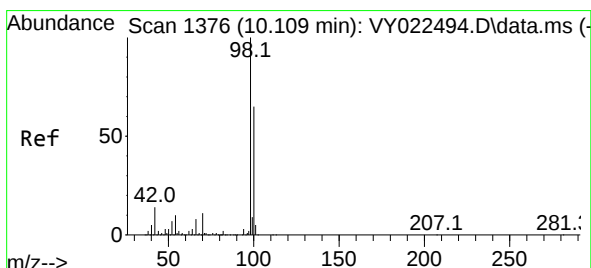
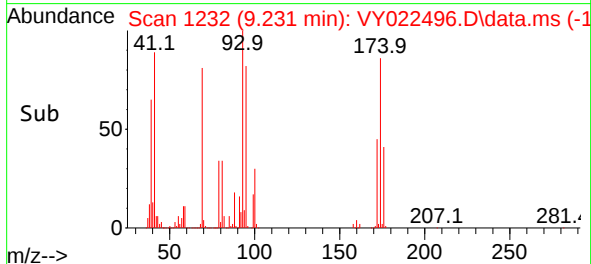
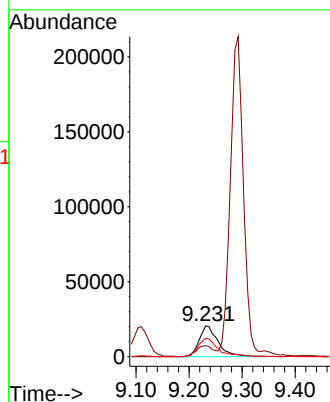
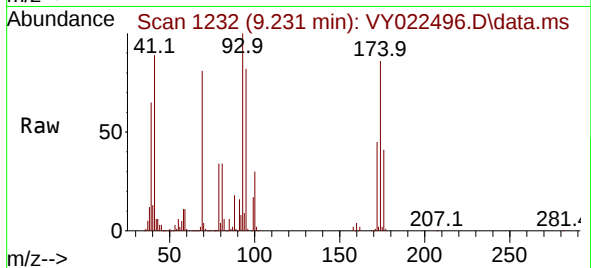
VSTDICC150

Tgt Ion:	88	Resp:	50874
Ion	Ratio	Lower	Upper
88	100		
43	33.3	25.4	38.2
58	64.1	54.9	82.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#50

Toluene-d8

Concen: 163.617 ug/l

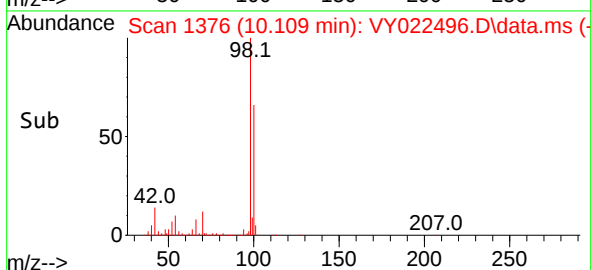
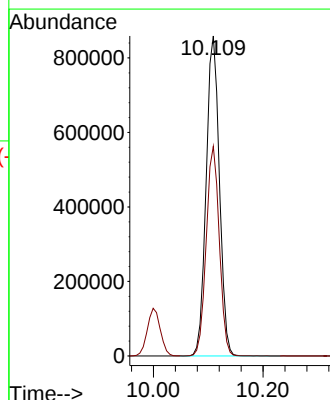
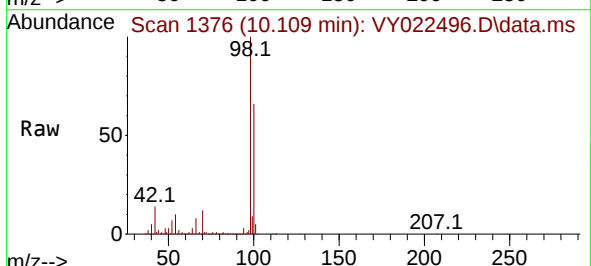
RT: 10.109 min Scan# 1376

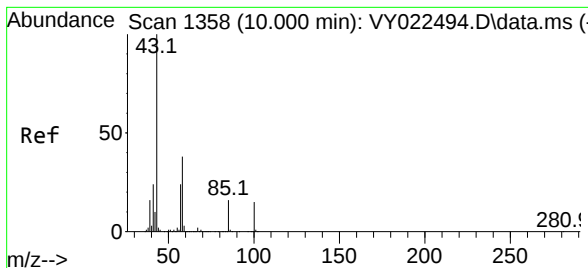
Delta R.T. -0.000 min

Lab File: VY022496.D

Acq: 02 Jun 2025 13:39

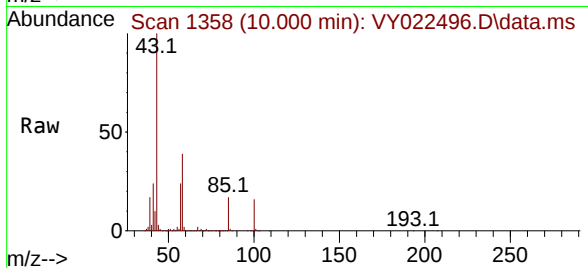
Tgt Ion:	98	Resp:	1432587
Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.4	77.0





#51
4-Methyl-2-Pentanone
Concen: 812.744 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

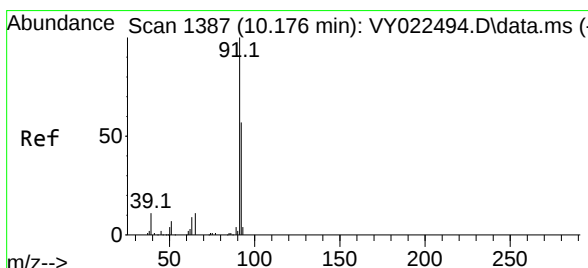
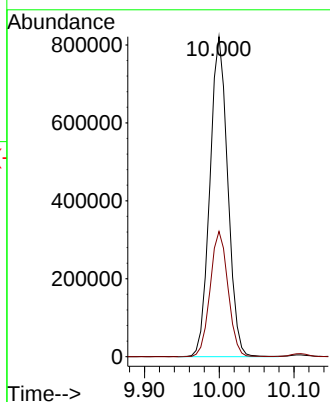
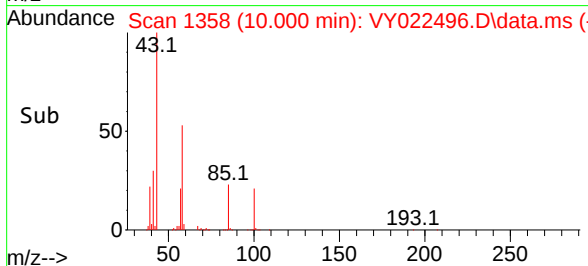
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 1358512
Ion Ratio Lower Upper
43 100
58 39.3 30.4 45.6

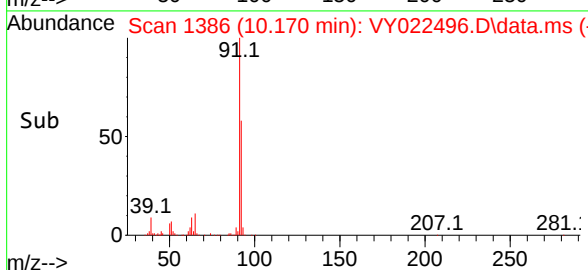
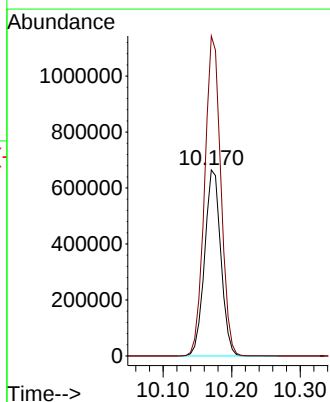
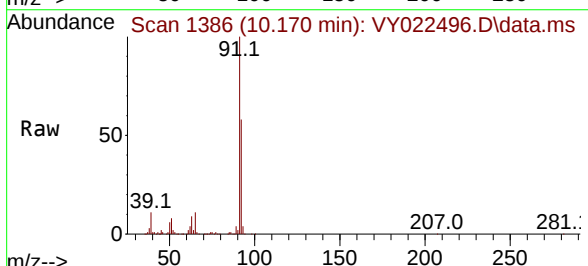
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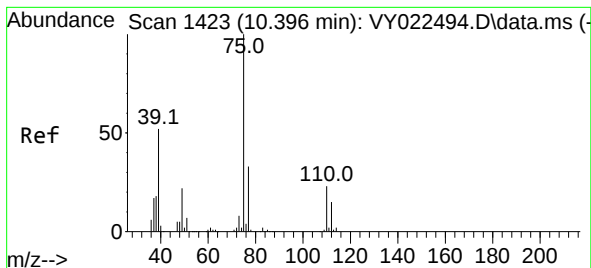
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#52
Toluene
Concen: 168.447 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

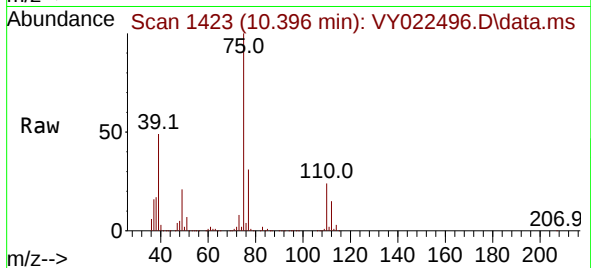
Tgt Ion: 92 Resp: 1093200
Ion Ratio Lower Upper
92 100
91 172.1 139.0 208.4





#53
t-1,3-Dichloropropene
Concen: 166.237 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

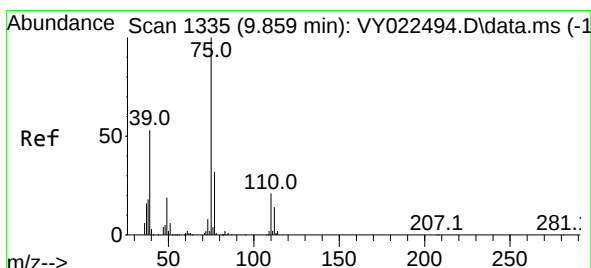
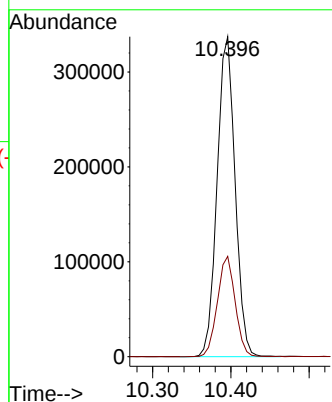
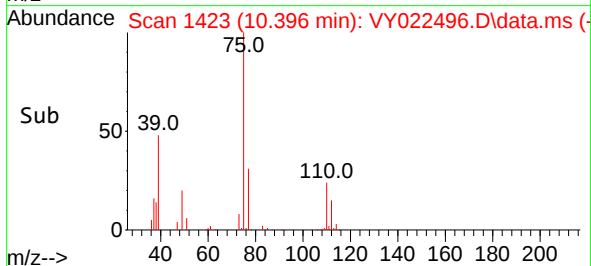
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



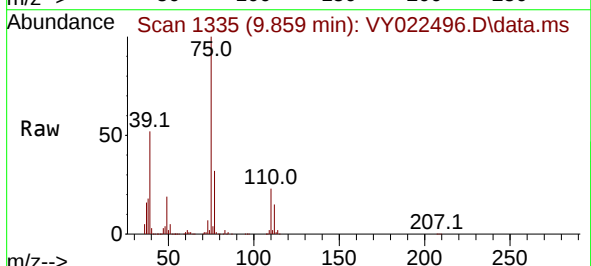
Tgt Ion: 75 Resp: 53792
Ion Ratio Lower Upper
75 100
77 31.3 26.5 39.7

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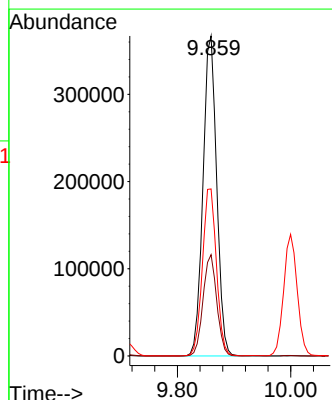
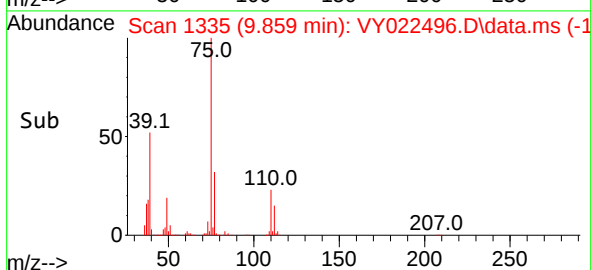
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

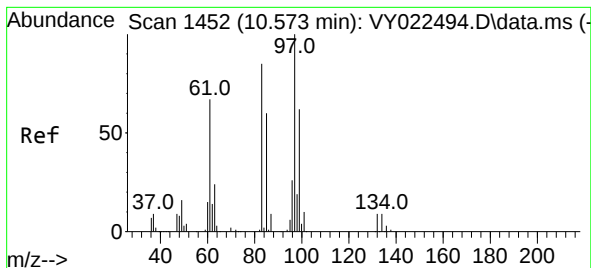


#54
cis-1,3-Dichloropropene
Concen: 162.259 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39



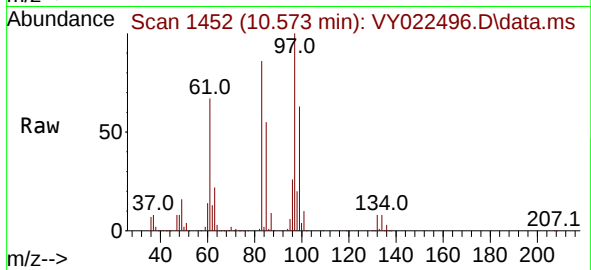
Tgt Ion: 75 Resp: 615667
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9
39 52.2 42.7 64.1





#55
1,1,2-Trichloroethane
Concen: 158.086 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

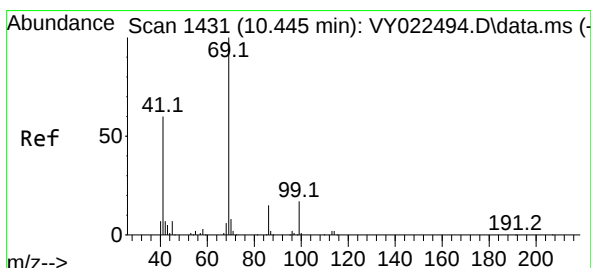
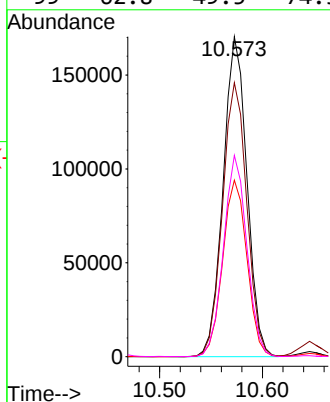
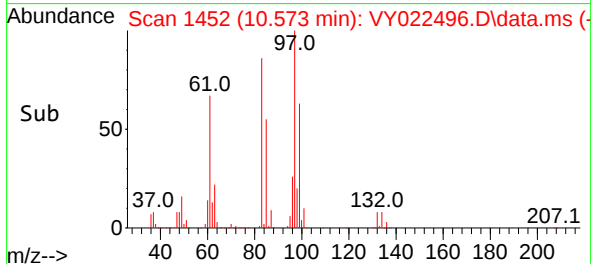


Tgt Ion: 97 Resp: 274460

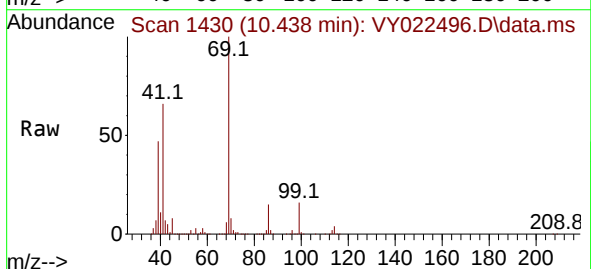
Ion	Ratio	Lower	Upper
97	100		
83	85.6	68.1	102.1
85	55.1	48.2	72.2
99	62.8	49.5	74.3

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

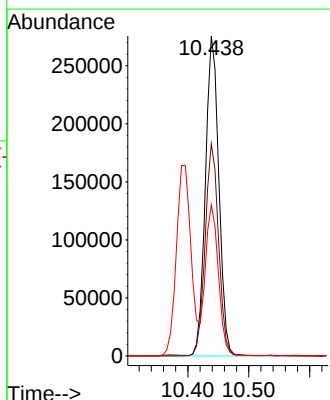
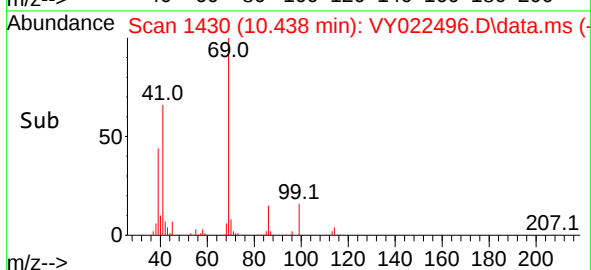


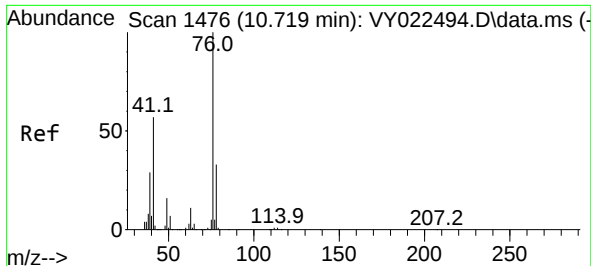
#56
Ethyl methacrylate
Concen: 167.865 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39



Tgt Ion: 69 Resp: 423233

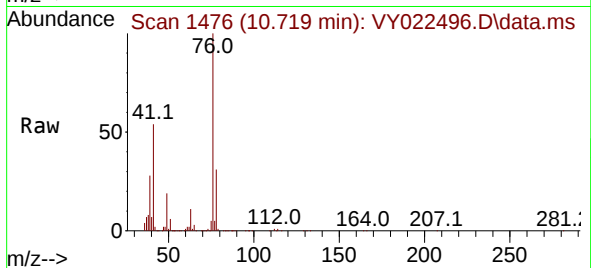
Ion	Ratio	Lower	Upper
69	100		
41	66.0	52.2	78.2
39	44.7	36.7	55.1





#57
1,3-Dichloropropane
Concen: 158.010 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

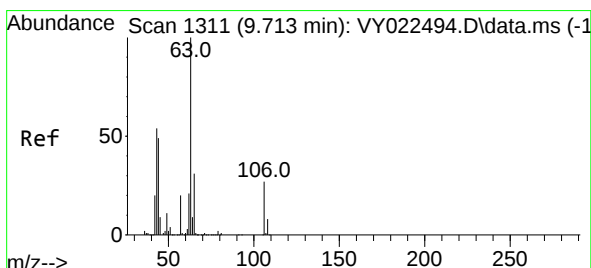
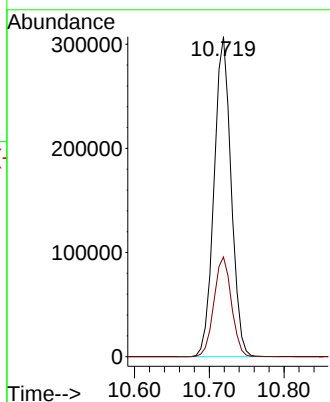
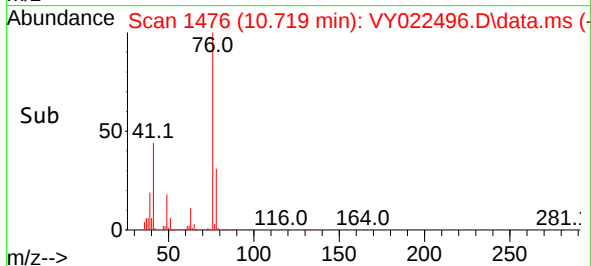
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 76 Resp: 488570
Ion Ratio Lower Upper
76 100
78 31.9 25.8 38.8

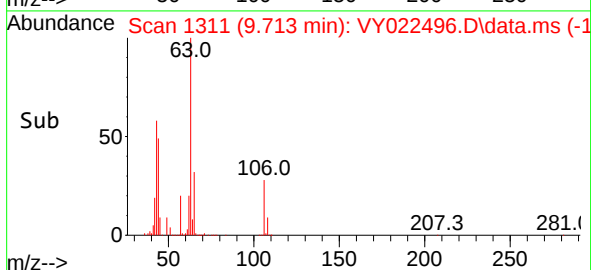
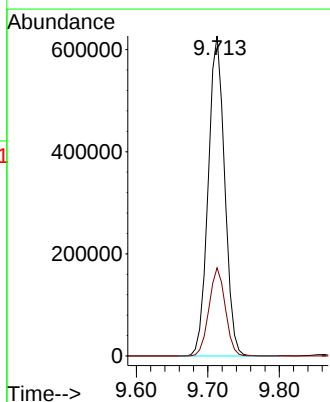
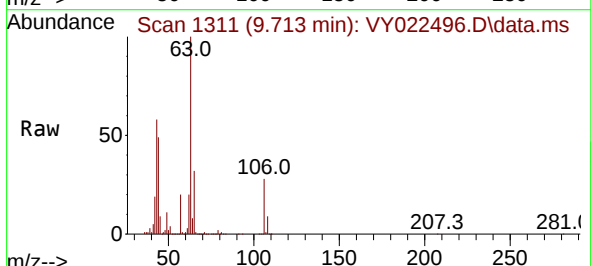
Manual Integrations
APPROVED

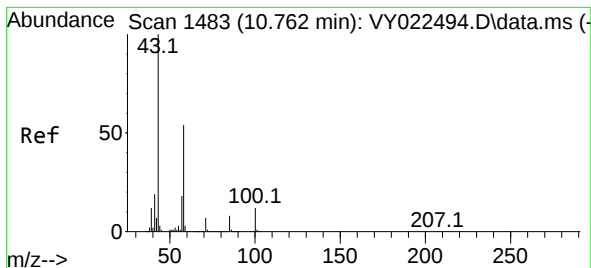
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#58
2-Chloroethyl Vinyl ether
Concen: 890.345 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

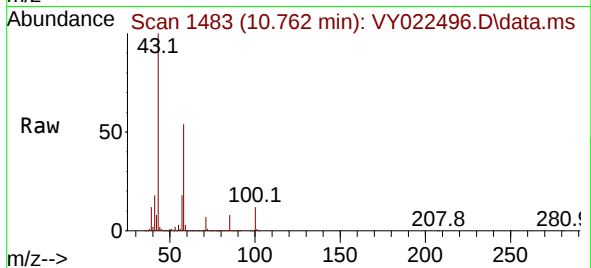
Tgt Ion: 63 Resp: 1000760
Ion Ratio Lower Upper
63 100
106 27.2 21.6 32.4





#59
2-Hexanone
Concen: 804.699 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

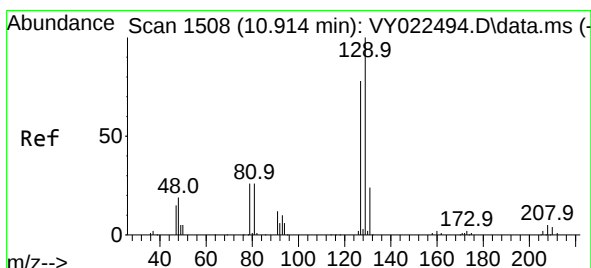
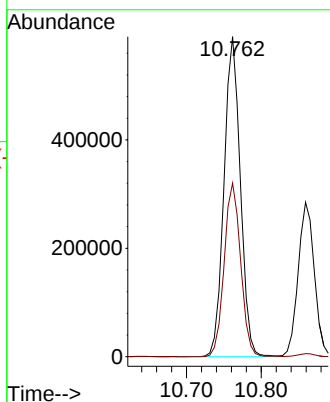
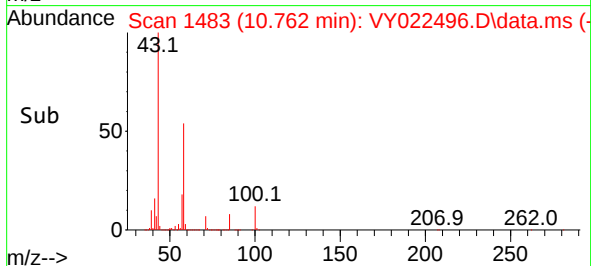
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 896627
Ion Ratio Lower Upper
43 100
58 54.6 27.3 81.8

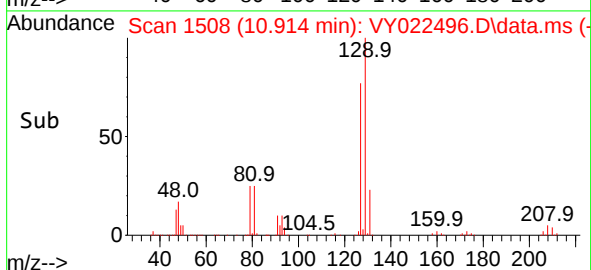
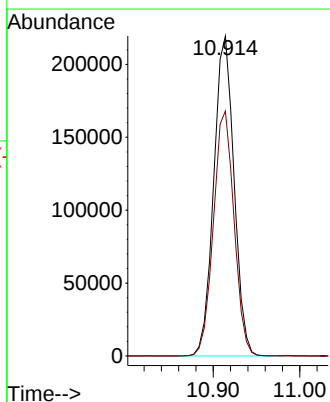
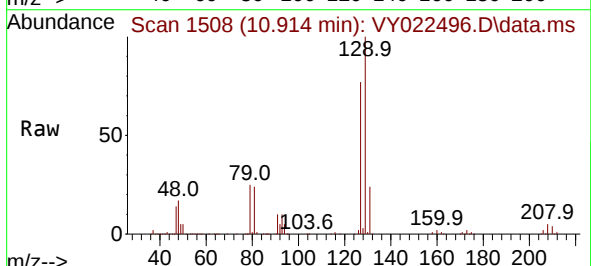
Manual Integrations
APPROVED

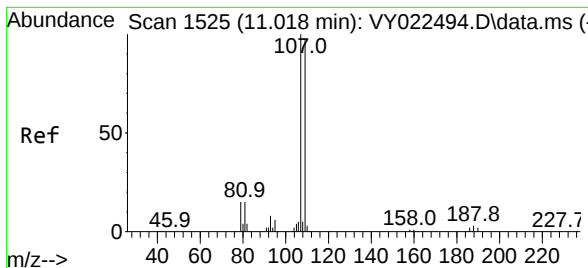
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#60
Dibromochloromethane
Concen: 162.227 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

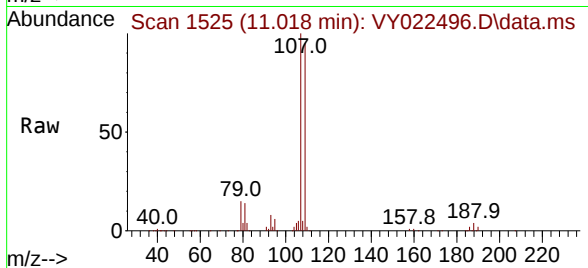
Tgt Ion:129 Resp: 356873
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.2





#61
1,2-Dibromoethane
Concen: 158.625 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

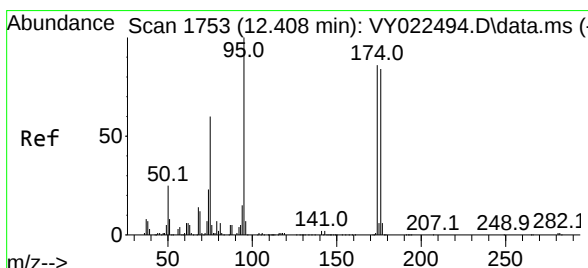
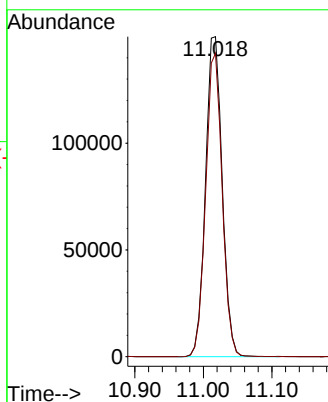
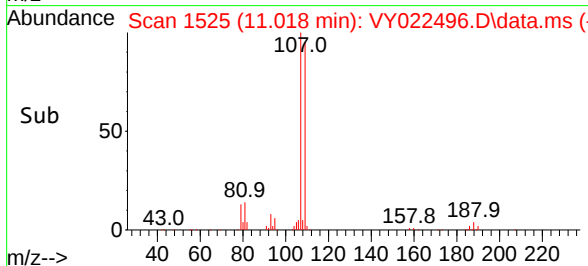
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



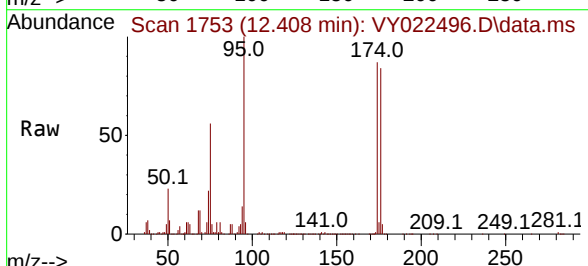
Tgt Ion:107 Resp: 254128
Ion Ratio Lower Upper
107 100
109 93.4 77.7 116.5

Manual Integrations
APPROVED

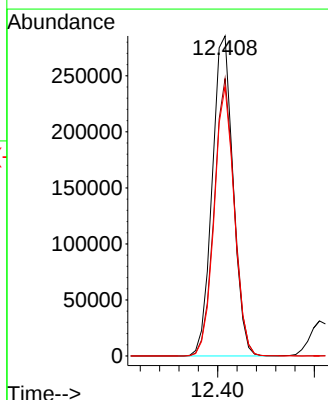
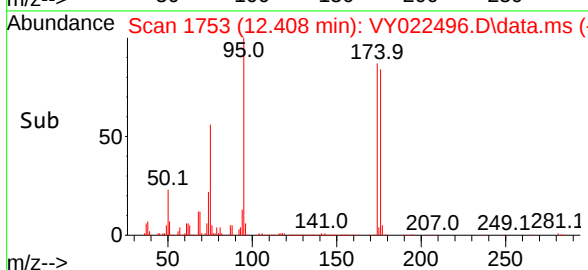
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

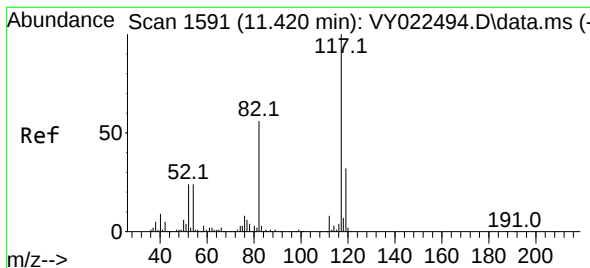


#62
4-Bromofluorobenzene
Concen: 160.684 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39



Tgt Ion: 95 Resp: 426573
Ion Ratio Lower Upper
95 100
174 83.8 0.0 170.0
176 81.1 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: VY022496.D

Acq: 02 Jun 2025 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

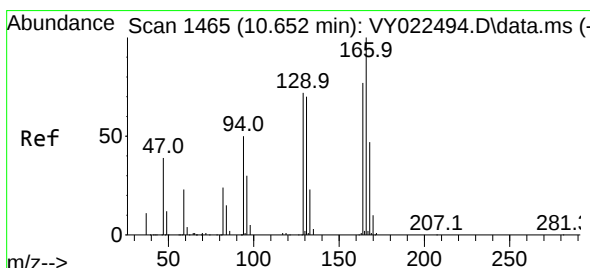
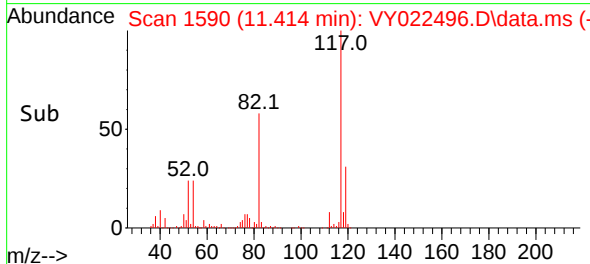
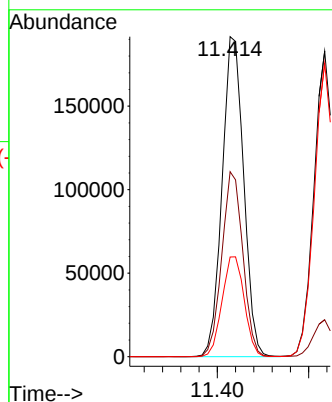
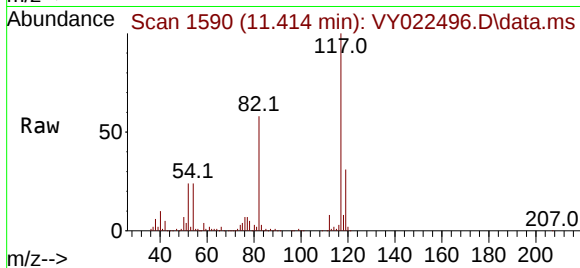
Tgt Ion:117 Resp: 31395

Ion	Ratio	Lower	Upper
117	100		
82	57.8	44.6	66.8
119	31.2	25.4	38.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#64

Tetrachloroethene

Concen: 152.453 ug/l

RT: 10.646 min Scan# 1464

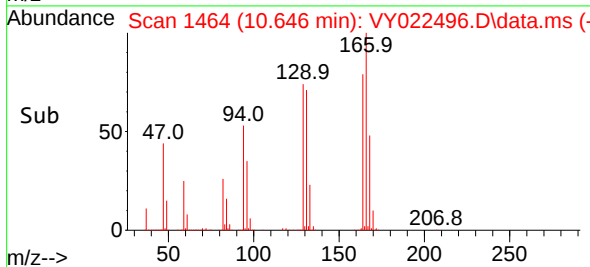
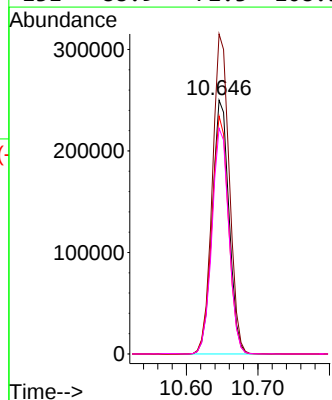
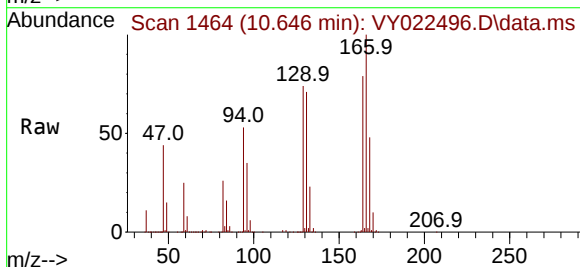
Delta R.T. -0.006 min

Lab File: VY022496.D

Acq: 02 Jun 2025 13:39

Tgt Ion:164 Resp: 406758

Ion	Ratio	Lower	Upper
164	100		
166	126.1	104.0	156.0
129	93.8	74.5	111.7
131	88.9	72.3	108.5





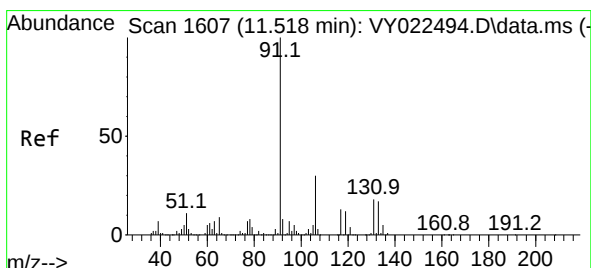
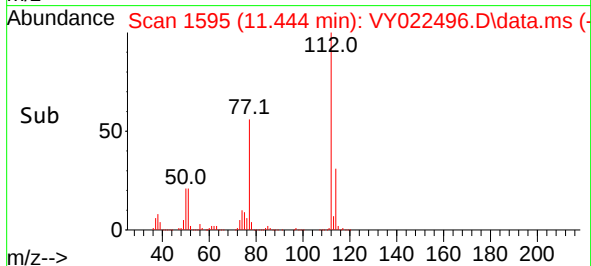
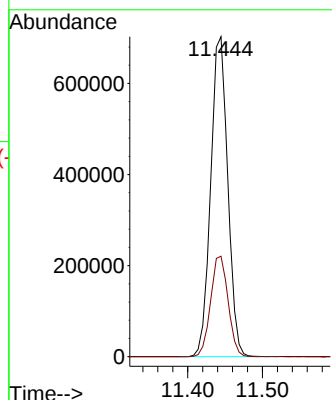
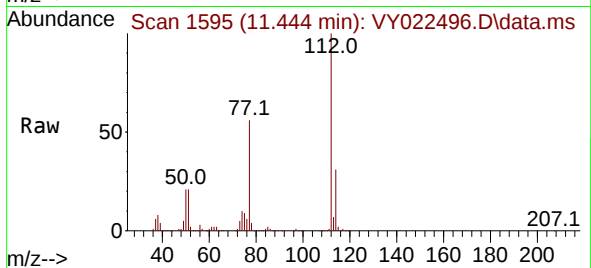
#65
Chlorobenzene
Concen: 163.544 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:112 Resp: 111334
Ion Ratio Lower Upper
112 100
114 31.4 25.0 37.6

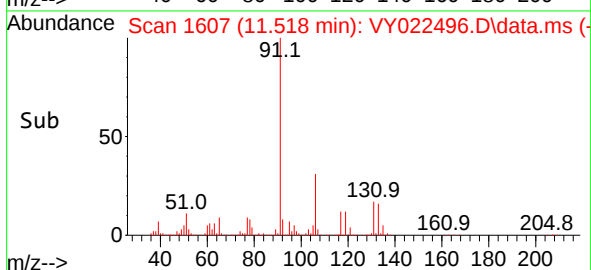
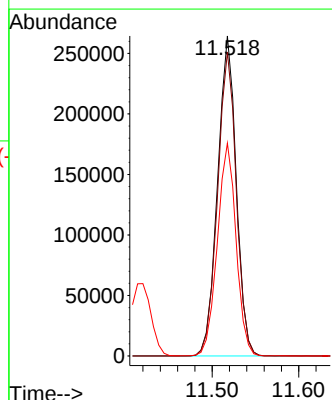
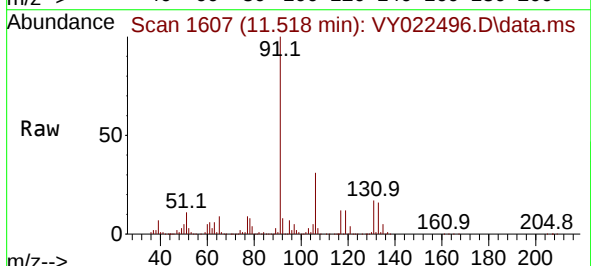
Manual Integrations
APPROVED

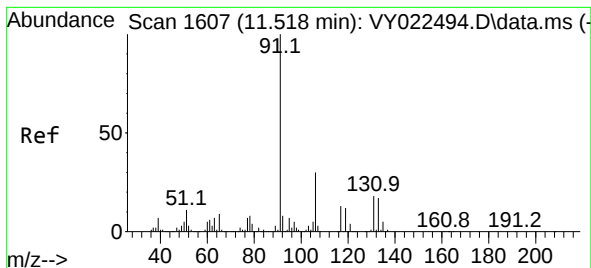
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 171.190 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:131 Resp: 395046
Ion Ratio Lower Upper
131 100
133 95.4 47.3 141.8
119 66.8 33.1 99.3





#67

Ethyl Benzene

Concen: 173.285 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022496.D

Acq: 02 Jun 2025 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 2196819

Ion Ratio Lower Upper

91 100

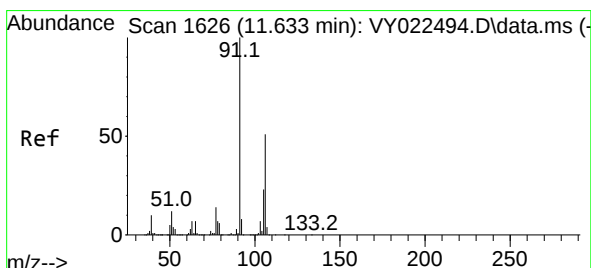
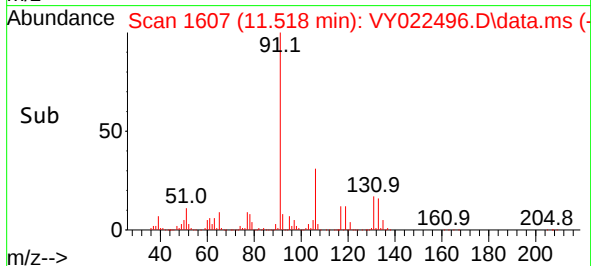
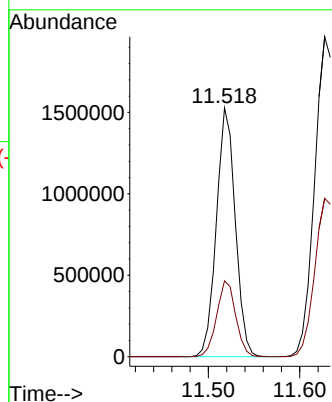
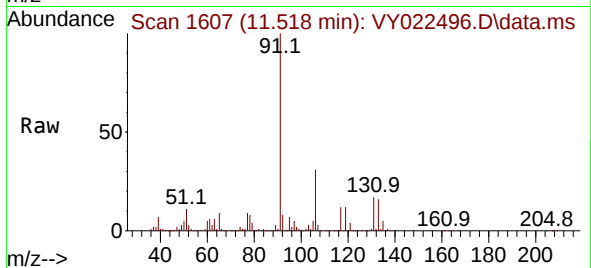
106 30.5 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025

Supervised By :Mahesh Dadoda 06/03/2025



#68

m/p-Xylenes

Concen: 353.103 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022496.D

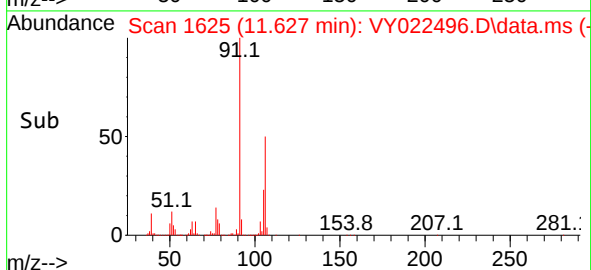
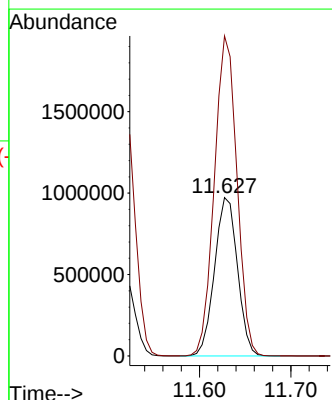
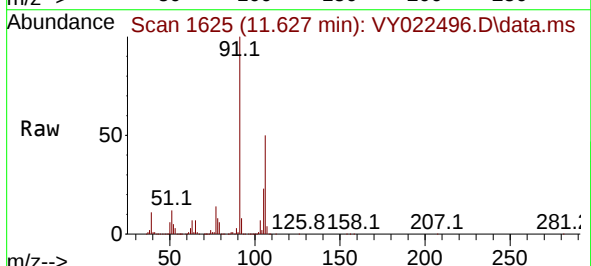
Acq: 02 Jun 2025 13:39

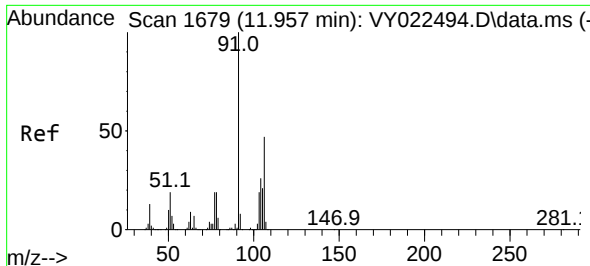
Tgt Ion:106 Resp: 1694177

Ion Ratio Lower Upper

106 100

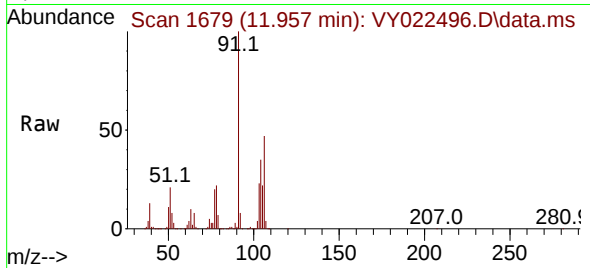
91 199.2 159.4 239.0





#69
o-Xylene
Concen: 173.188 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

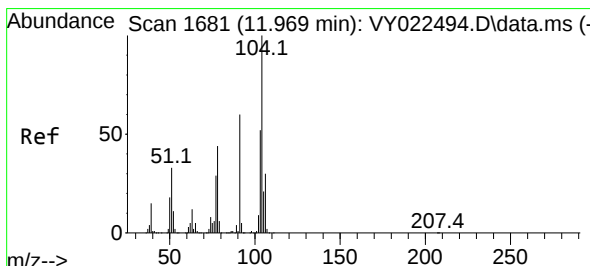
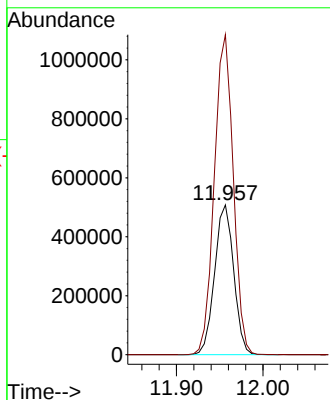
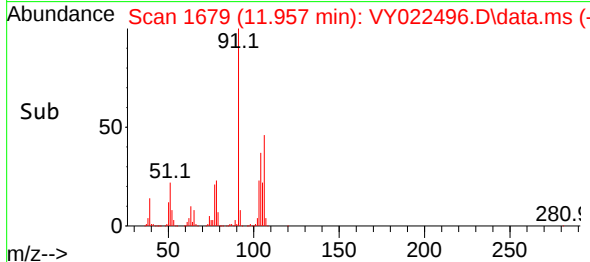
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



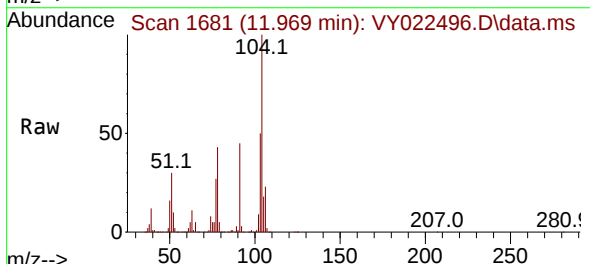
Tgt Ion:106 Resp: 777688
Ion Ratio Lower Upper
106 100
91 212.3 105.8 317.3

Manual Integrations
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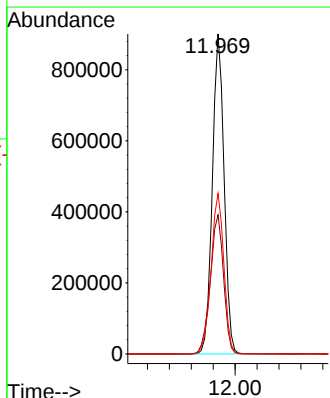
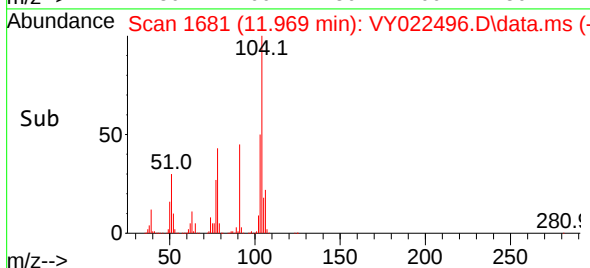
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

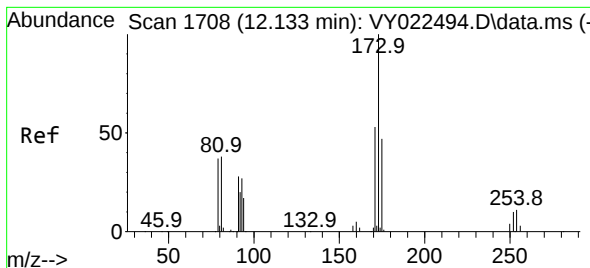


#70
Styrene
Concen: 179.564 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39



Tgt Ion:104 Resp: 1334986
Ion Ratio Lower Upper
104 100
78 48.8 39.5 59.3
103 54.6 44.1 66.1





#71

Bromoform

Concen: 166.138 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. -0.000 min

Lab File: VY022496.D

Acq: 02 Jun 2025 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion:173 Resp: 201469

Ion Ratio Lower Upper

173 100

175 48.2 23.8 71.5

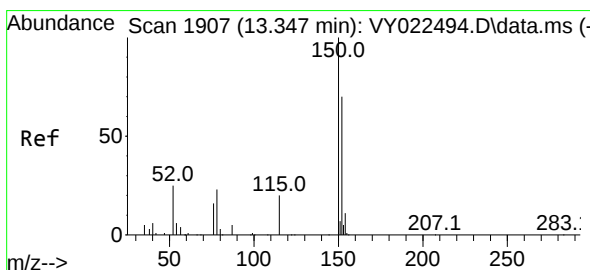
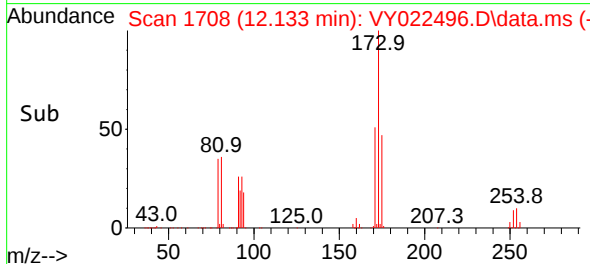
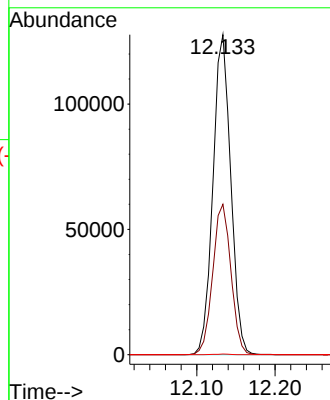
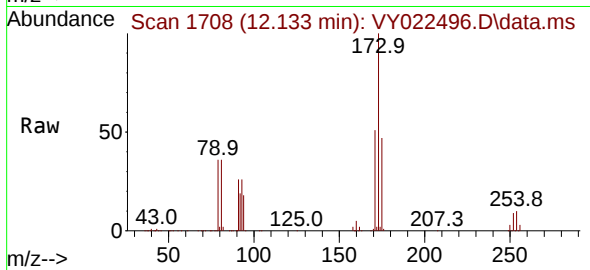
254 0.2 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025

Supervised By :Mahesh Dadoda 06/03/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022496.D

Acq: 02 Jun 2025 13:39

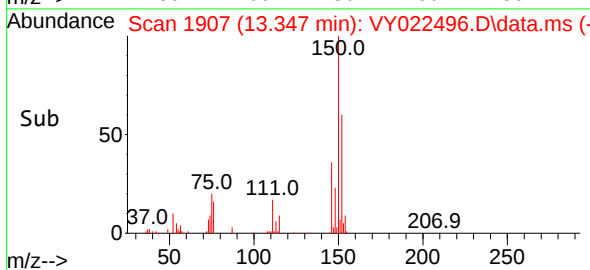
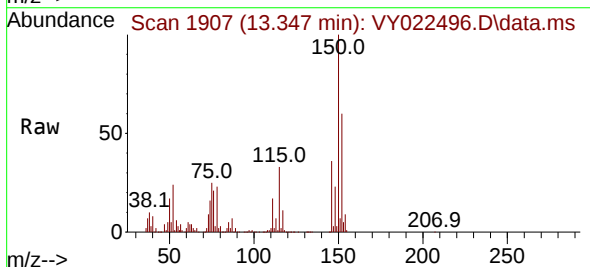
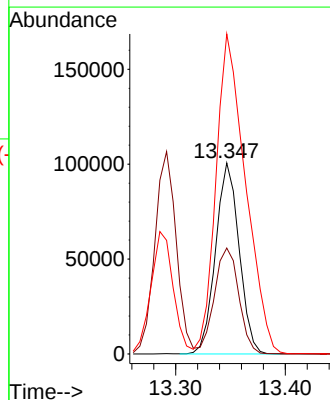
Tgt Ion:152 Resp: 150326

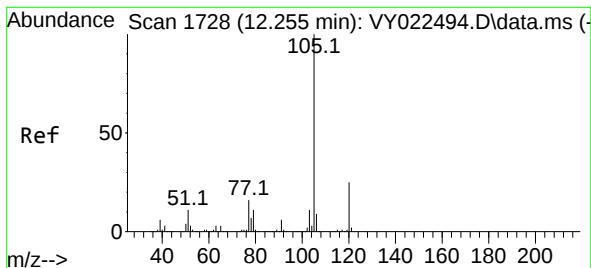
Ion Ratio Lower Upper

152 100

115 57.8 28.9 86.7

150 210.0 0.0 349.6





#73

Isopropylbenzene

Concen: 166.060 ug/l

RT: 12.255 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022496.D

Acq: 02 Jun 2025 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion:105 Resp: 201126

Ion Ratio Lower Upper

105 100

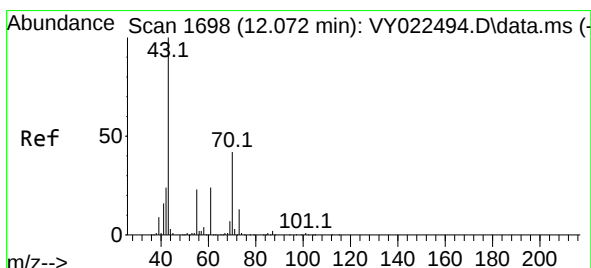
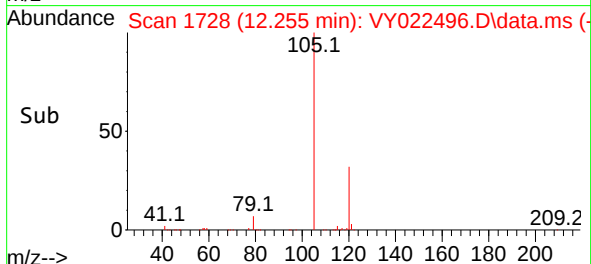
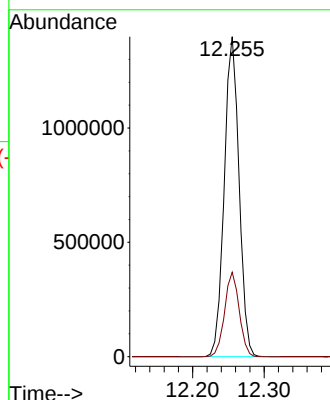
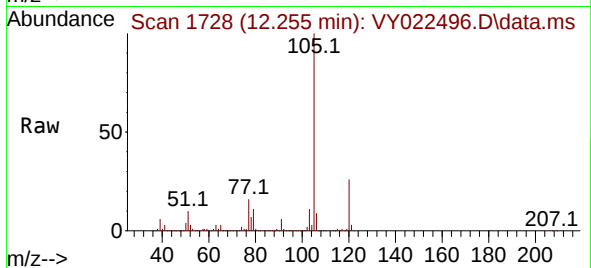
120 26.1 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025

Supervised By :Mahesh Dadoda 06/03/2025



#74

N-ethyl acetate

Concen: 165.957 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VY022496.D

Acq: 02 Jun 2025 13:39

Tgt Ion: 43 Resp: 508301

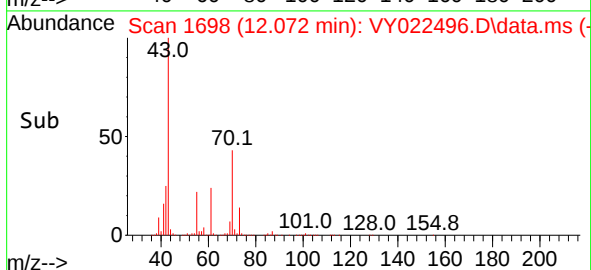
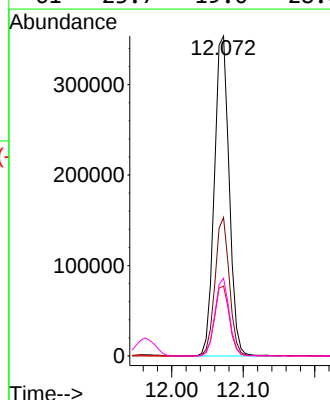
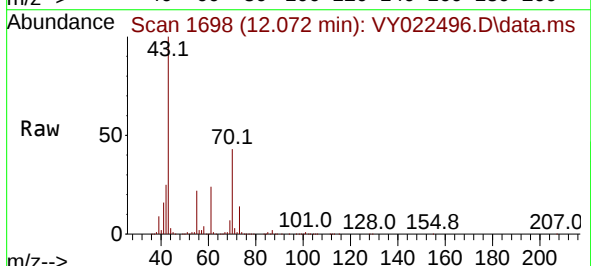
Ion Ratio Lower Upper

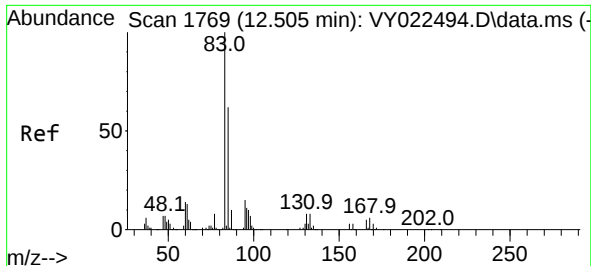
43 100

70 42.1 34.2 51.2

55 22.1 18.2 27.4

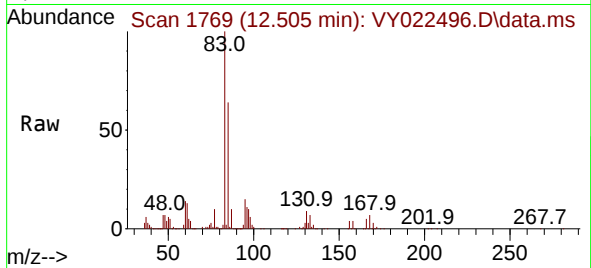
61 23.7 19.0 28.6





#75
1,1,2,2-Tetrachloroethane
Concen: 157.927 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

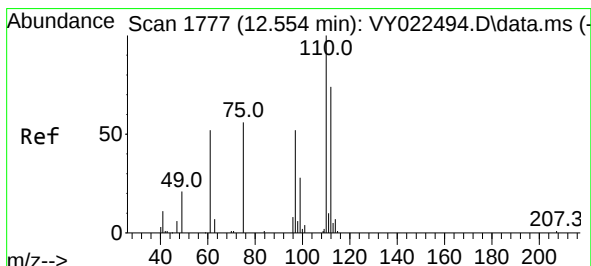
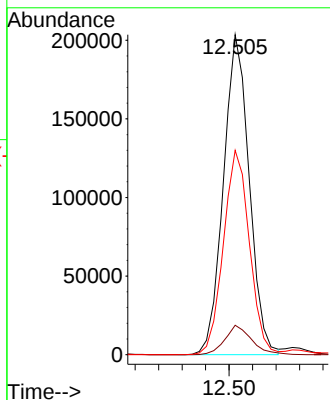
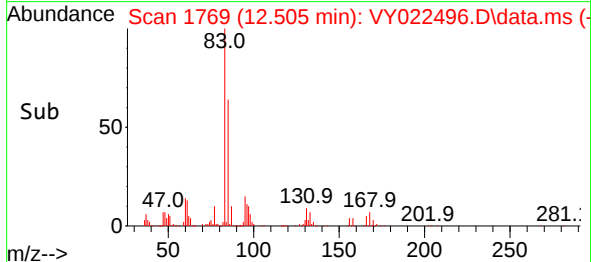
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



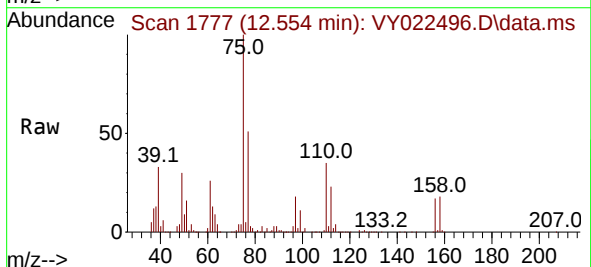
Tgt Ion: 83 Resp: 31064
Ion Ratio Lower Upper
83 100
131 9.5 4.9 14.7
85 64.3 32.6 97.8

Manual Integrations
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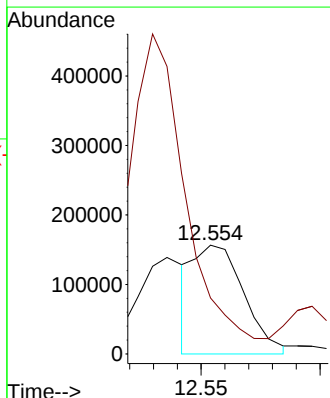
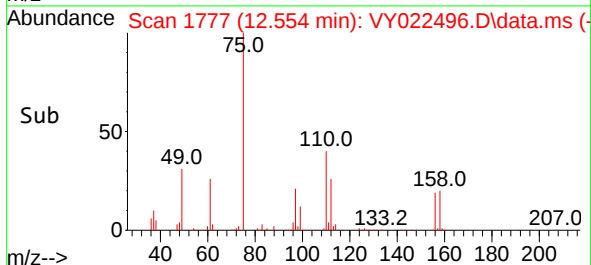
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

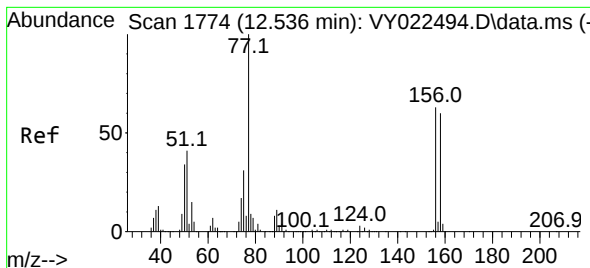


#76
1,2,3-Trichloropropane
Concen: 116.768 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39



Tgt Ion: 75 Resp: 231729
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 162.489 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY022496.D

Acq: 02 Jun 2025 13:39

Instrument :

MSVOA_Y

ClientSampleId :

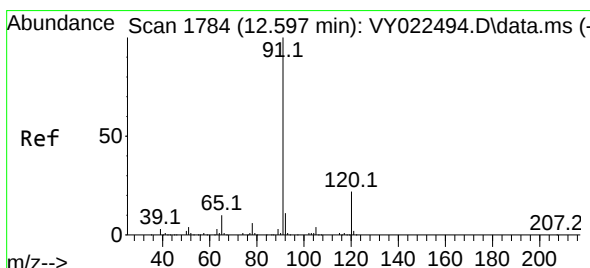
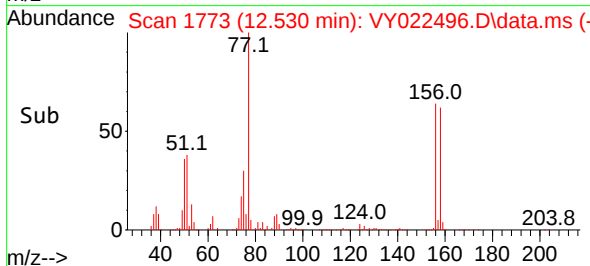
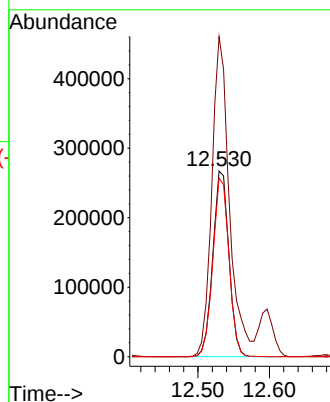
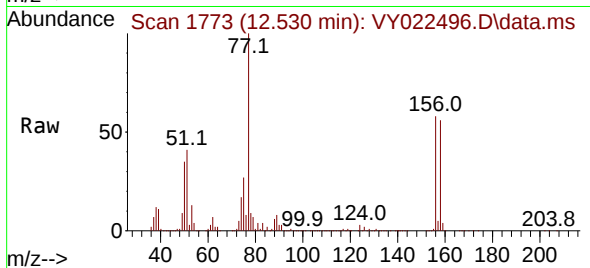
VSTDICC150

Tgt Ion:	156	Resp:	41712
Ion Ratio	Lower	Upper	
156	100		
77	188.4	94.0	282.1
158	96.4	48.2	144.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#78

n-propylbenzene

Concen: 163.876 ug/l

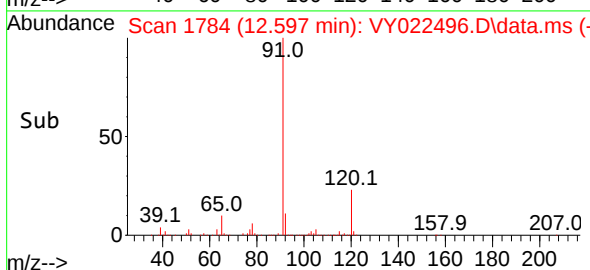
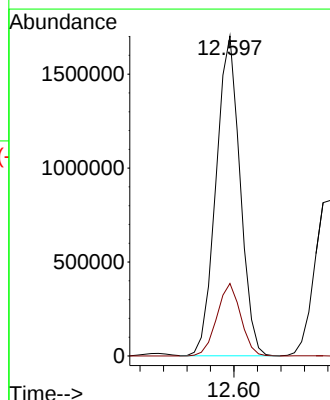
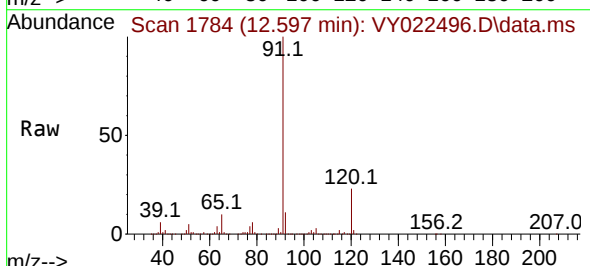
RT: 12.597 min Scan# 1784

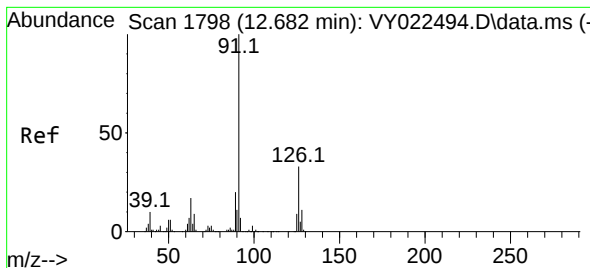
Delta R.T. -0.000 min

Lab File: VY022496.D

Acq: 02 Jun 2025 13:39

Tgt Ion:	91	Resp:	2416013
Ion Ratio	Lower	Upper	
91	100		
120	22.4	10.8	32.4





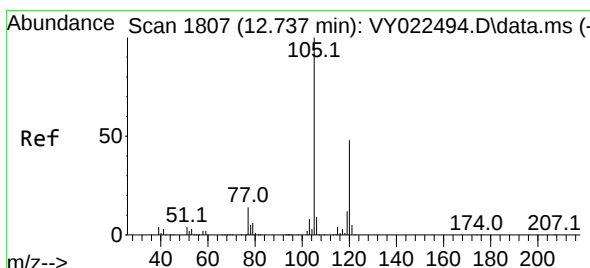
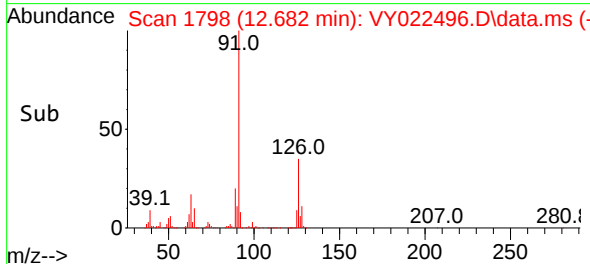
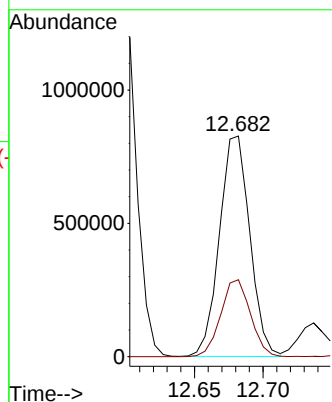
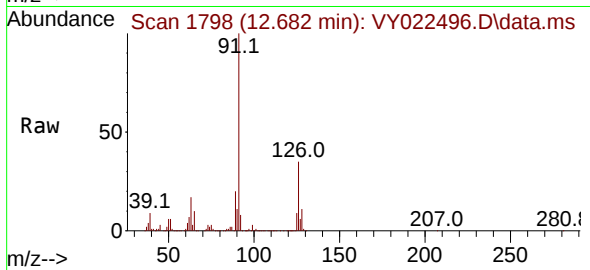
#79
2-Chlorotoluene
Concen: 163.862 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 127558
Ion Ratio Lower Upper
91 100
126 34.3 17.0 51.0

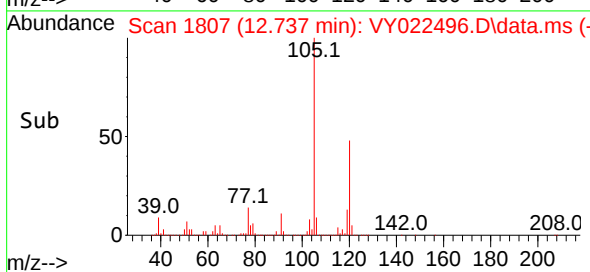
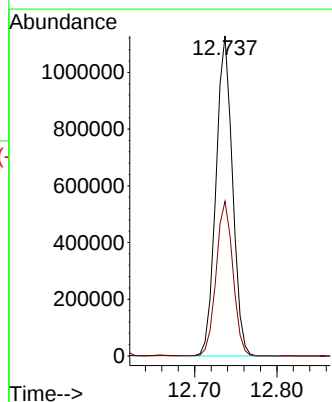
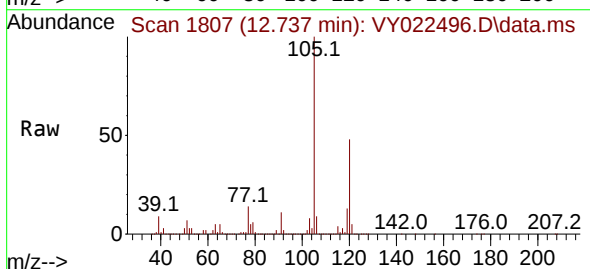
Manual Integrations
APPROVED

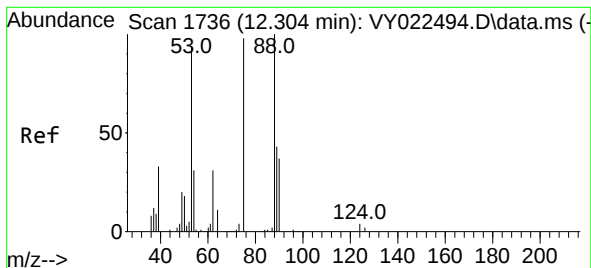
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#80
1,3,5-Trimethylbenzene
Concen: 166.511 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

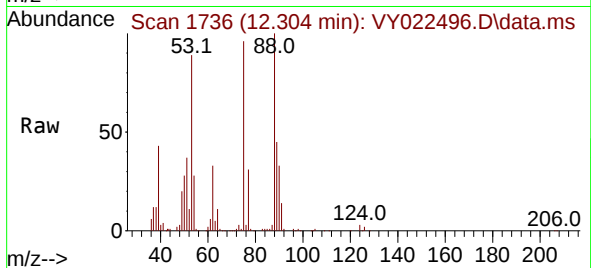
Tgt Ion:105 Resp: 1576906
Ion Ratio Lower Upper
105 100
120 49.0 24.1 72.4





#81
trans-1,4-Dichloro-2-butene
Concen: 160.989 ug/l
RT: 12.304 min Scan# 11143
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

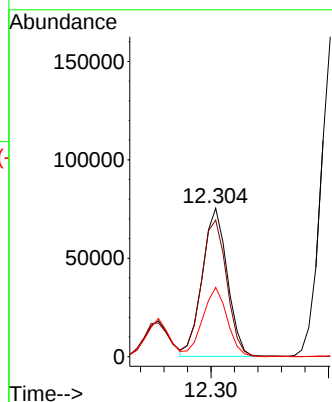
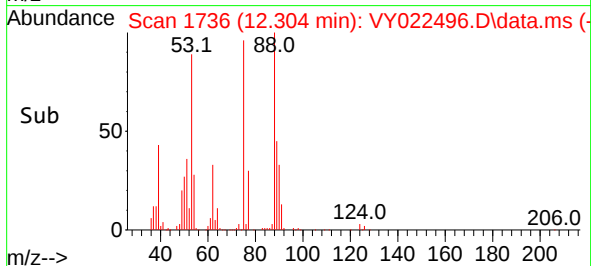
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 11143
Ion Ratio Lower Upper
75 100
53 93.2 78.5 117.7
89 46.1 35.7 53.5

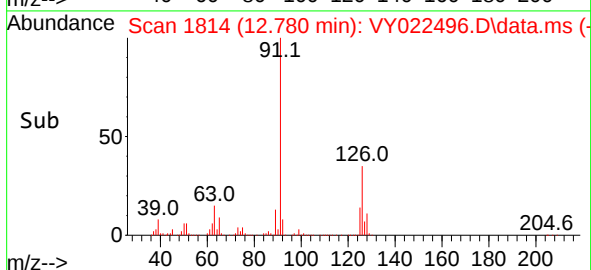
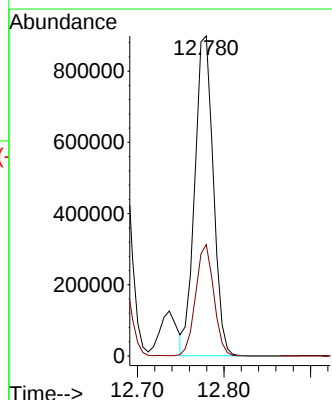
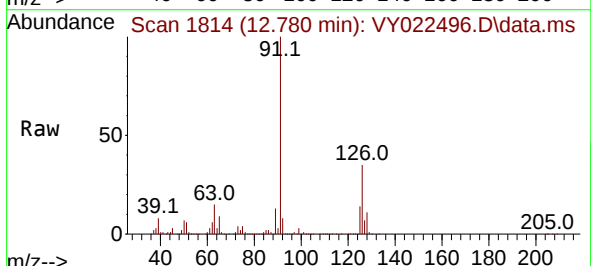
Manual Integrations
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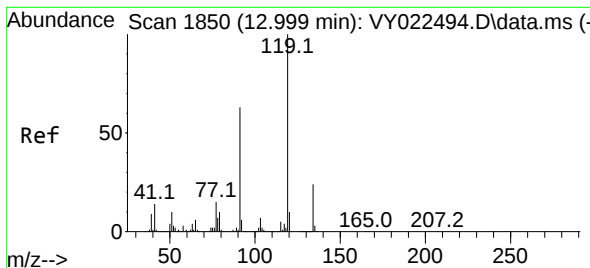
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#82
4-Chlorotoluene
Concen: 165.467 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 91 Resp: 1334965
Ion Ratio Lower Upper
91 100
126 34.2 17.0 50.9





#83

tert-Butylbenzene

Concen: 166.064 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.000 min

Lab File: VY022496.D

Acq: 02 Jun 2025 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion:119 Resp: 143464

Ion Ratio Lower Upper

119 100

91 63.7 32.1 96.3

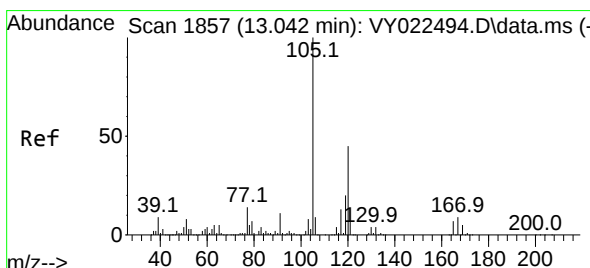
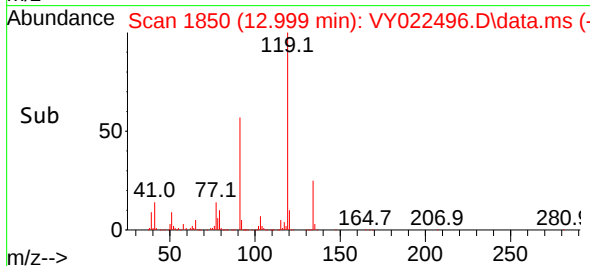
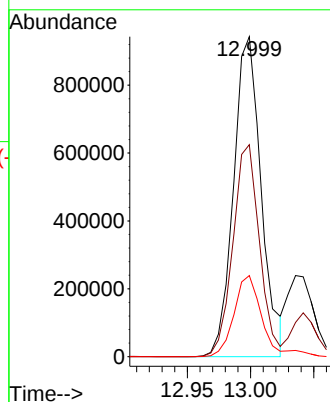
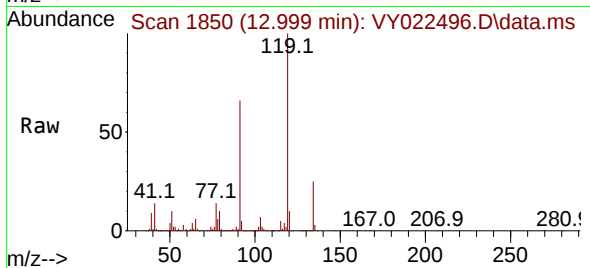
134 25.9 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025

Supervised By :Mahesh Dadoda 06/03/2025



#84

1,2,4-Trimethylbenzene

Concen: 171.323 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022496.D

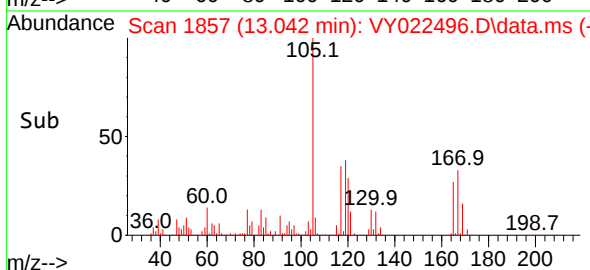
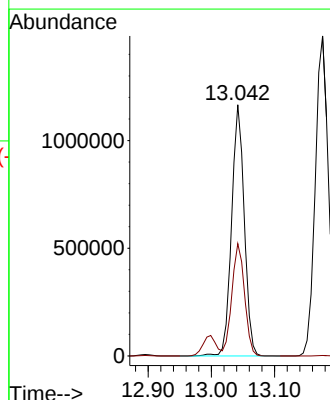
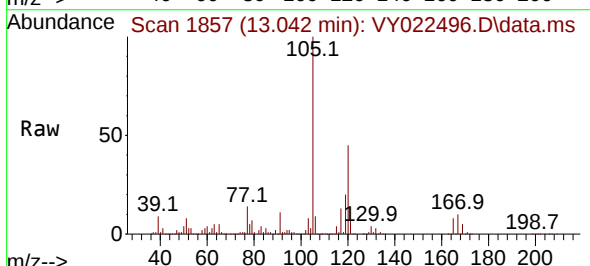
Acq: 02 Jun 2025 13:39

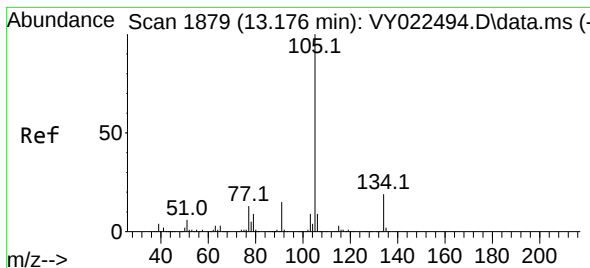
Tgt Ion:105 Resp: 1623289

Ion Ratio Lower Upper

105 100

120 44.7 22.7 68.1





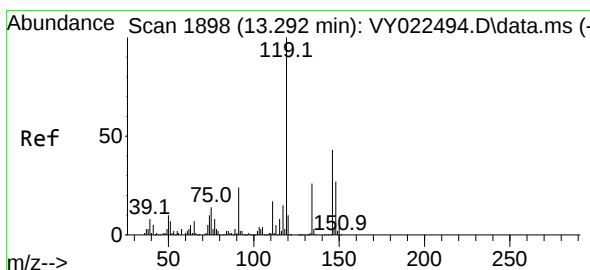
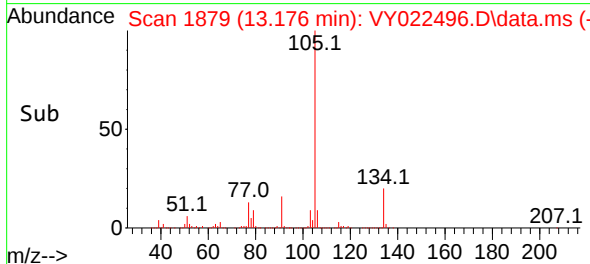
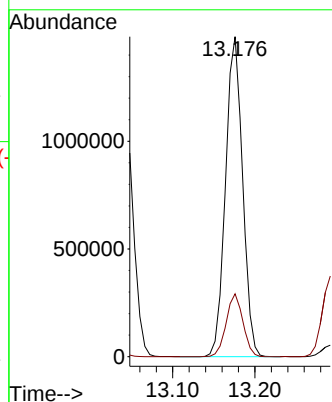
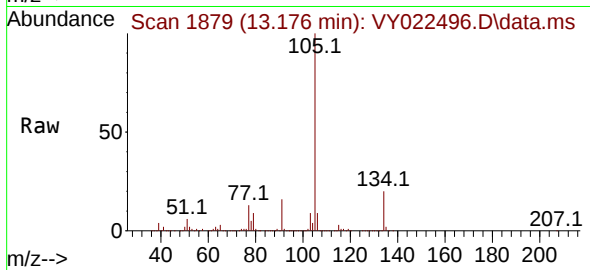
#85
 sec-Butylbenzene
 Concen: 163.415 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. -0.000 min
 Lab File: VY022496.D
 Acq: 02 Jun 2025 13:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tgt Ion:105 Resp: 2140449
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 28.9

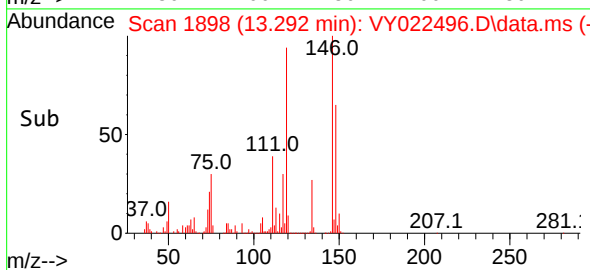
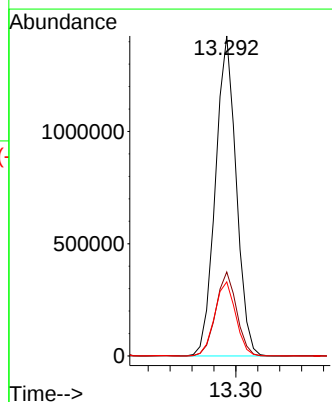
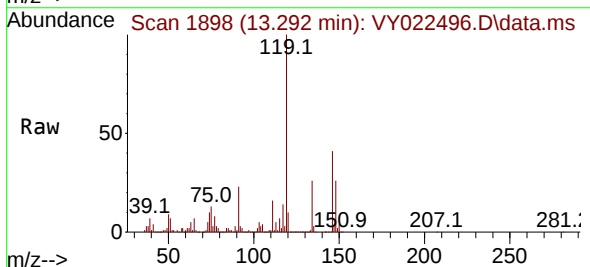
Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
 Supervised By :Mahesh Dadoda 06/03/2025



#86
 p-Isopropyltoluene
 Concen: 174.353 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.000 min
 Lab File: VY022496.D
 Acq: 02 Jun 2025 13:39

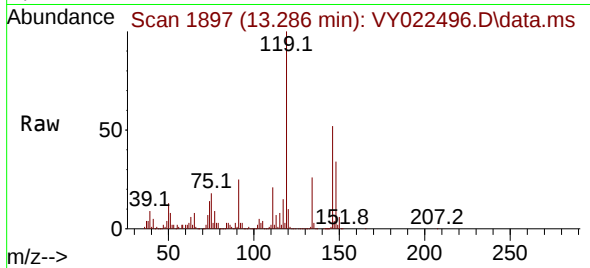
Tgt Ion:119 Resp: 1877539
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.1
 91 23.6 11.6 34.8





#87
1,3-Dichlorobenzene
Concen: 172.326 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

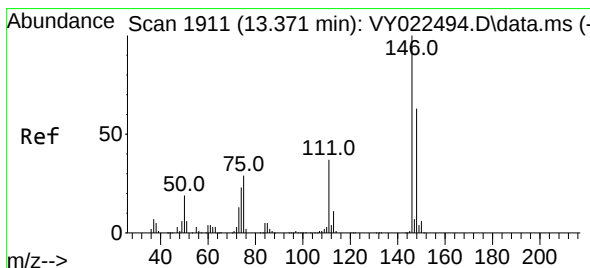
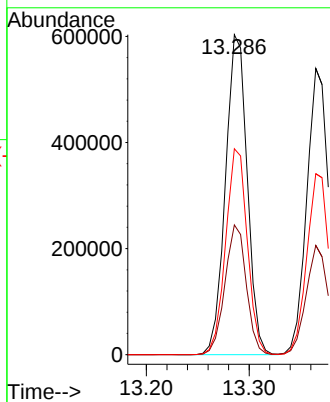
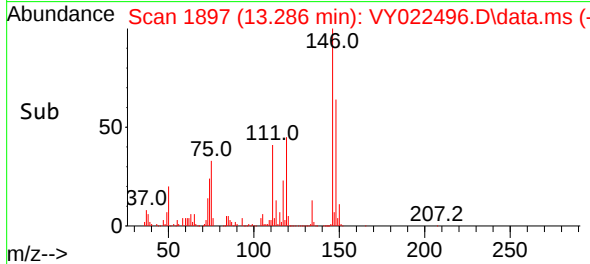
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion:146 Resp: 885058
Ion Ratio Lower Upper
146 100
111 39.8 20.1 60.2
148 64.2 32.1 96.3

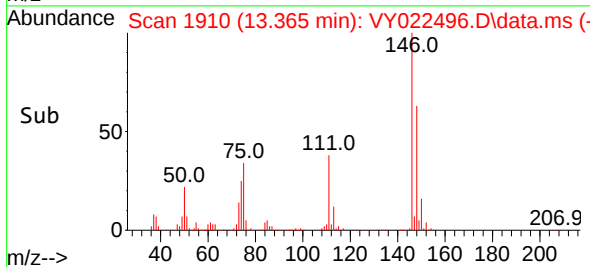
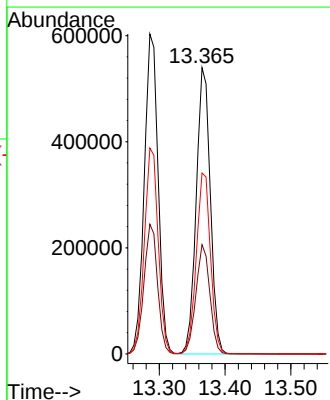
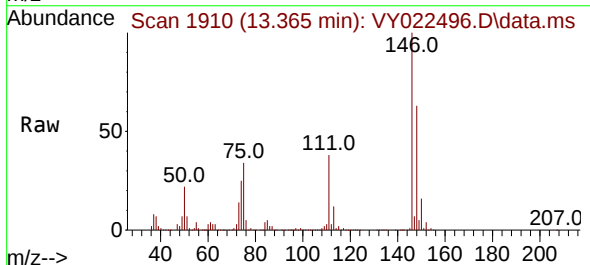
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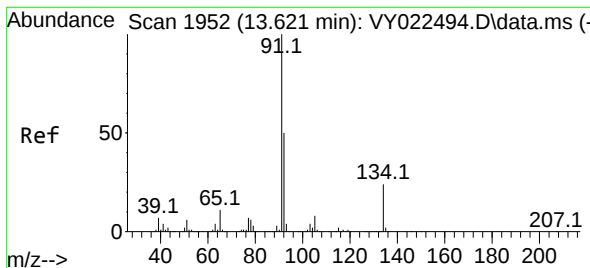
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#88
1,4-Dichlorobenzene
Concen: 160.470 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:146 Resp: 803022
Ion Ratio Lower Upper
146 100
111 37.7 19.4 58.2
148 63.7 31.6 94.8





#89

n-Butylbenzene

Concen: 164.939 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY022496.D

Acq: 02 Jun 2025 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 91 Resp: 1691118

Ion Ratio Lower Upper

91 100

92 52.6 25.9 77.8

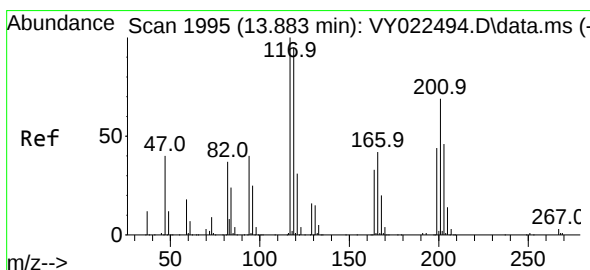
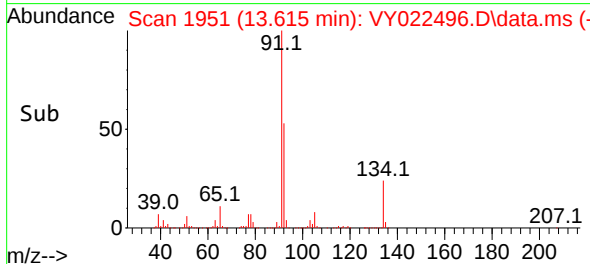
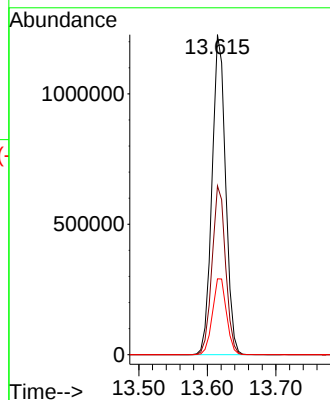
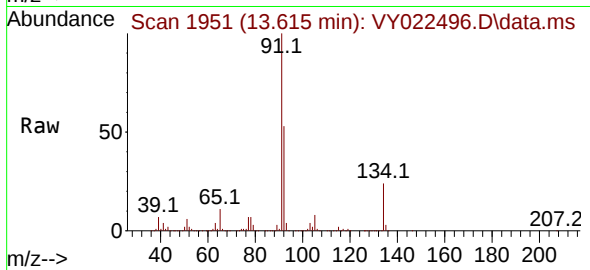
134 24.6 12.0 36.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025

Supervised By :Mahesh Dadoda 06/03/2025



#90

Hexachloroethane

Concen: 160.801 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY022496.D

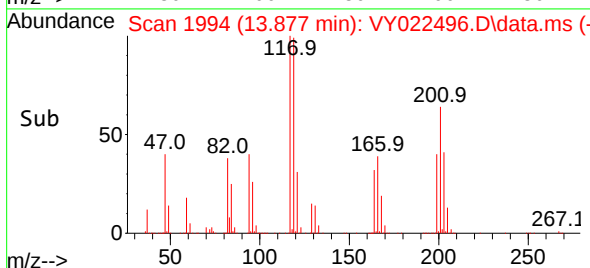
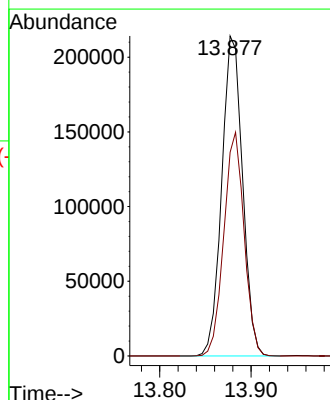
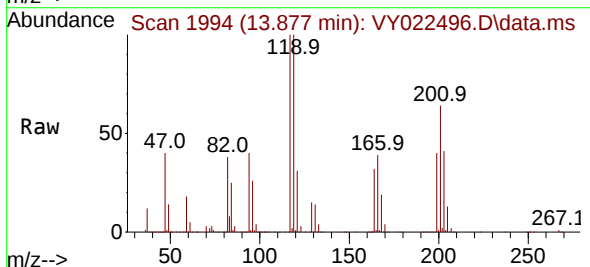
Acq: 02 Jun 2025 13:39

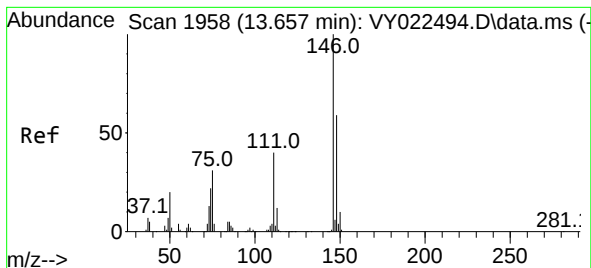
Tgt Ion:117 Resp: 338845

Ion Ratio Lower Upper

117 100

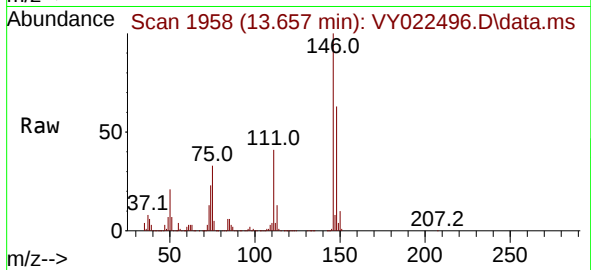
201 68.2 34.0 102.0





#91
1,2-Dichlorobenzene
Concen: 159.809 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

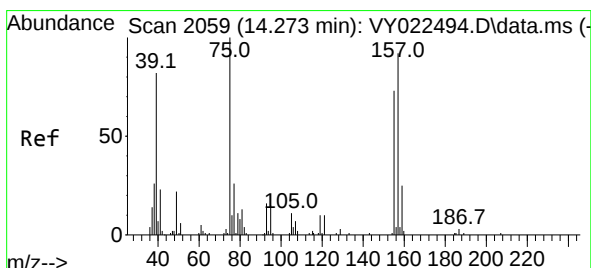
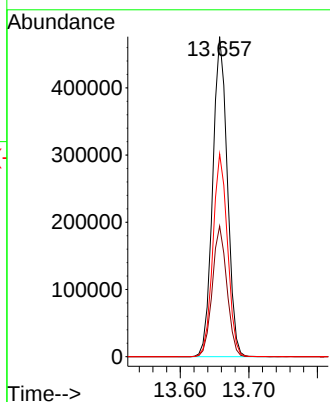
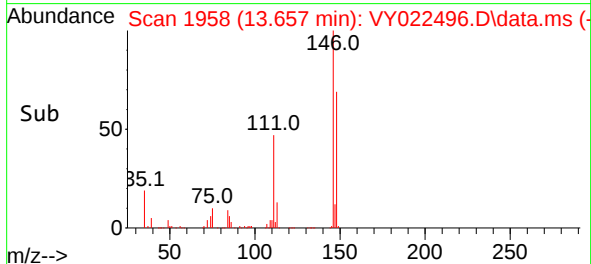
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



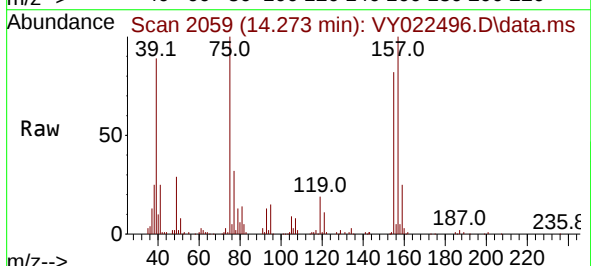
Tgt Ion:146 Resp: 705129
Ion Ratio Lower Upper
146 100
111 40.5 20.2 60.6
148 63.2 31.4 94.0

Manual Integrations
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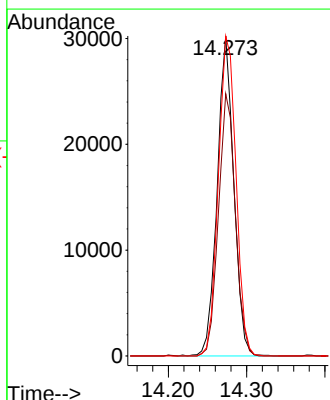
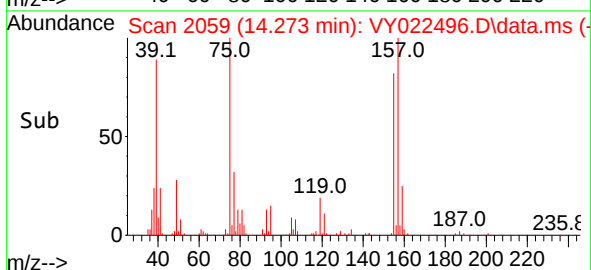
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

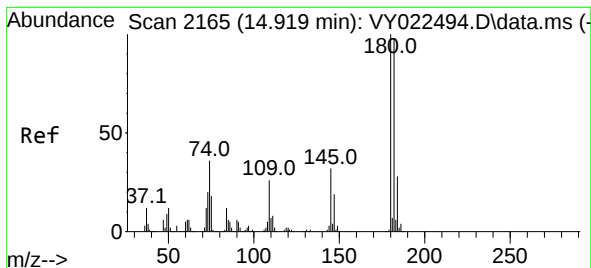


#92
1,2-Dibromo-3-Chloropropane
Concen: 149.709 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39



Tgt Ion: 75 Resp: 44514
Ion Ratio Lower Upper
75 100
155 83.7 39.9 119.6
157 106.5 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 161.773 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022496.D

Acq: 02 Jun 2025 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion:180 Resp: 390170

Ion Ratio Lower Upper

180 100

182 94.2 48.4 145.3

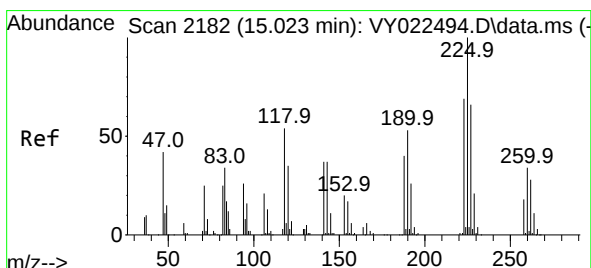
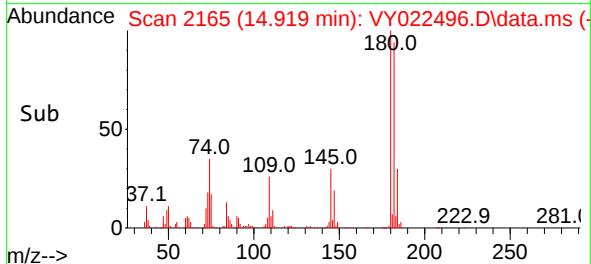
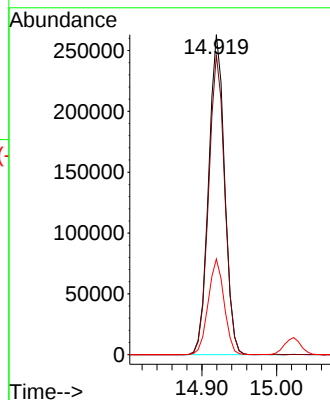
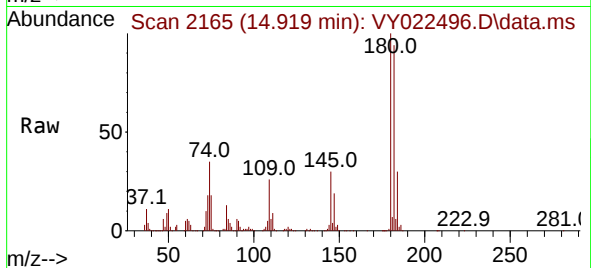
145 29.7 15.5 46.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025

Supervised By :Mahesh Dadoda 06/03/2025



#94

Hexachlorobutadiene

Concen: 151.389 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022496.D

Acq: 02 Jun 2025 13:39

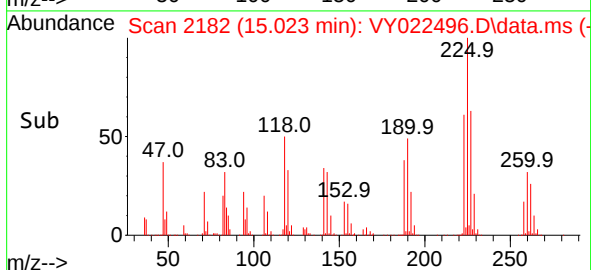
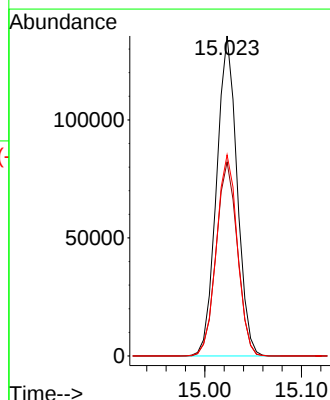
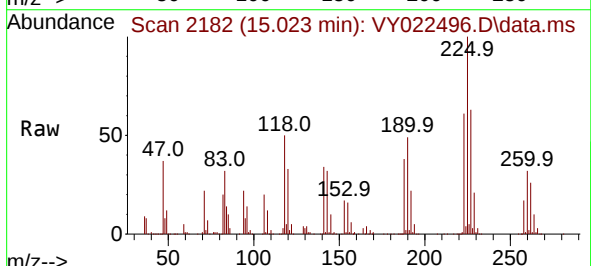
Tgt Ion:225 Resp: 199423

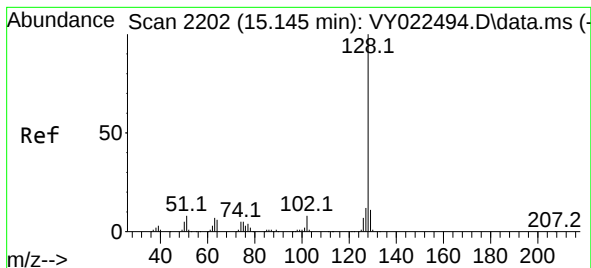
Ion Ratio Lower Upper

225 100

223 62.5 32.5 97.4

227 64.2 32.3 96.9





#95

Naphthalene

Concen: 162.970 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY022496.D

Acq: 02 Jun 2025 13:39

Instrument :

MSVOA_Y

ClientSampleId :

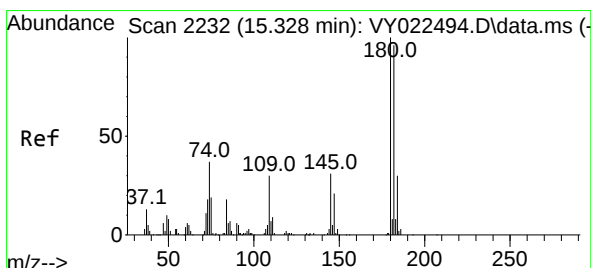
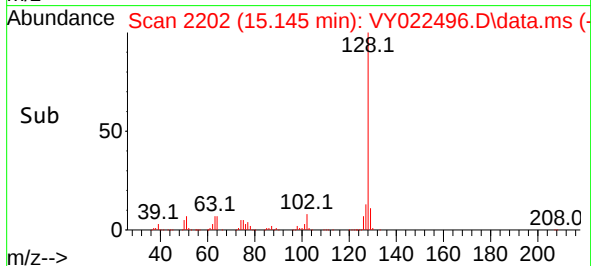
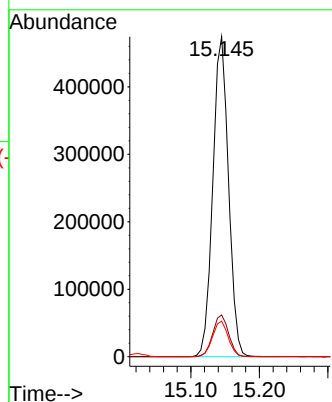
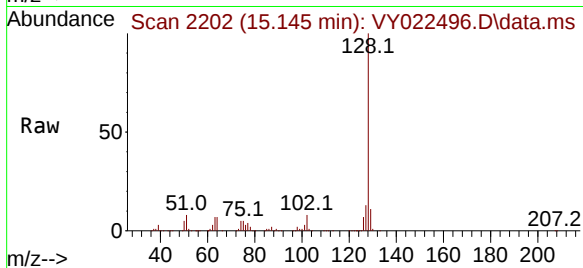
VSTDIC150

Tgt Ion:	128	Resp:	753279
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.4	15.6
129	11.2	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#96

1,2,3-Trichlorobenzene

Concen: 157.072 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022496.D

Acq: 02 Jun 2025 13:39

Tgt Ion:	180	Resp:	321960
Ion Ratio	Lower	Upper	
180	100		
182	95.0	47.1	141.3
145	31.3	15.2	45.6

