

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062725\
 Data File : VY022870.D
 Acq On : 27 Jun 2025 18:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
 Supervised By :Semsettin Yesilyurt 06/30/2025

Quant Time: Jun 27 23:22:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	381456	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	662786	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	580603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	280375	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	216480	50.848	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.700%			
35) Dibromofluoromethane	7.634	113	204583	50.756	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.520%			
50) Toluene-d8	10.109	98	821061	51.334	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.660%			
62) 4-Bromofluorobenzene	12.402	95	256147	49.817	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	143317	43.937	ug/l	98
3) Chloromethane	2.068	50	294055	47.211	ug/l	100
4) Vinyl Chloride	2.202	62	378421	48.630	ug/l	99
5) Bromomethane	2.592	94	281980	46.094	ug/l	96
6) Chloroethane	2.733	64	263016	50.283	ug/l	97
7) Trichlorofluoromethane	3.056	101	385264	44.713	ug/l	98
8) Diethyl Ether	3.452	74	100301	47.131	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.812	101	183019	46.479	ug/l	98
10) Methyl Iodide	4.001	142	228099	53.205	ug/l	100
11) Tert butyl alcohol	4.866	59	56469	199.474	ug/l	98
12) 1,1-Dichloroethene	3.787	96	186949	48.419	ug/l	98
13) Acrolein	3.653	56	61714	160.768	ug/l	98
14) Allyl chloride	4.385	41	298105	50.196	ug/l	94
15) Acrylonitrile	5.055	53	211309	237.984	ug/l	99
16) Acetone	3.867	43	155087	192.729	ug/l	98
17) Carbon Disulfide	4.104	76	611430	49.019	ug/l	100
18) Methyl Acetate	4.385	43	159253	59.760	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	495124	47.095	ug/l	98
20) Methylene Chloride	4.616	84	227858	44.838	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	221232	50.134	ug/l	98
22) Diisopropyl ether	6.019	45	673566	51.071	ug/l	98
23) Vinyl Acetate	5.958	43	1620732	222.504	ug/l	99
24) 1,1-Dichloroethane	5.915	63	414442	52.023	ug/l	100
25) 2-Butanone	6.897	43	250637	214.007	ug/l	99
26) 2,2-Dichloropropane	6.890	77	302922	45.362	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	259084	50.527	ug/l	100
28) Bromochloromethane	7.244	49	172161	51.404	ug/l	93
29) Tetrahydrofuran	7.262	42	169465	229.154	ug/l	99
30) Chloroform	7.421	83	415926	50.691	ug/l	96
31) Cyclohexane	7.701	56	338359	46.270	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	357291	50.390	ug/l	98
36) 1,1-Dichloropropene	7.835	75	289047	47.310	ug/l	99
37) Ethyl Acetate	6.982	43	116715	44.270	ug/l	98
38) Carbon Tetrachloride	7.823	117	303964	47.152	ug/l	99
39) Methylcyclohexane	9.110	83	364126	46.054	ug/l	97
40) Benzene	8.079	78	943149	50.209	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	69067	42.554	ug/l	94
42) 1,2-Dichloroethane	8.158	62	246985	47.982	ug/l	99
43) Isopropyl Acetate	8.195	43	242901	44.329	ug/l	98
44) Trichloroethene	8.866	130	228137	48.373	ug/l	96
45) 1,2-Dichloropropane	9.140	63	219247	49.870	ug/l	100
46) Dibromomethane	9.231	93	116008	46.483	ug/l	96
47) Bromodichloromethane	9.420	83	313272	48.678	ug/l	98
48) Methyl methacrylate	9.219	41	119577	45.395	ug/l	94
49) 1,4-Dioxane	9.231	88	24955	846.348	ug/l	99
51) 4-Methyl-2-Pentanone	10.000	43	628145	225.585	ug/l	96
52) Toluene	10.170	92	588606	49.669	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	267787	46.247	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	319373	47.570	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	152914	47.318	ug/l	97
56) Ethyl methacrylate	10.439	69	194219	44.670	ug/l	97
57) 1,3-Dichloropropane	10.719	76	269322	47.767	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	521669	229.646	ug/l	99
59) 2-Hexanone	10.762	43	404578	213.709	ug/l	98
60) Dibromochloromethane	10.914	129	194518	46.600	ug/l	98
61) 1,2-Dibromoethane	11.012	107	141969	46.946	ug/l	97
64) Tetrachloroethene	10.646	164	269634	49.159	ug/l	99
65) Chlorobenzene	11.438	112	619261	48.540	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	207370	47.990	ug/l	99
67) Ethyl Benzene	11.518	91	1114724	49.731	ug/l	99
68) m/p-Xylenes	11.627	106	855101	98.686	ug/l	99
69) o-Xylene	11.957	106	402321	49.277	ug/l	99
70) Styrene	11.969	104	677950	49.572	ug/l	99
71) Bromoform	12.127	173	106217	44.146	ug/l #	98
73) Isopropylbenzene	12.255	105	1033584	49.846	ug/l	99
74) N-amyl acetate	12.072	43	193144	41.497	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	147983	44.281	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	116918m	40.846	ug/l	
77) Bromobenzene	12.530	156	226142	48.115	ug/l	99
78) n-propylbenzene	12.591	91	1244260	49.700	ug/l	99
79) 2-Chlorotoluene	12.676	91	706358	49.938	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	832452	49.731	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	47710	42.110	ug/l	100
82) 4-Chlorotoluene	12.774	91	726133	48.874	ug/l	100
83) tert-Butylbenzene	12.993	119	742464	50.294	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	844291	50.378	ug/l	99
85) sec-Butylbenzene	13.176	105	1097999	49.434	ug/l	99
86) p-Isopropyltoluene	13.292	119	899977	48.690	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	455787	48.286	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	449463	47.935	ug/l	99
89) n-Butylbenzene	13.615	91	834032	47.970	ug/l	99
90) Hexachloroethane	13.877	117	180506	49.031	ug/l	97
91) 1,2-Dichlorobenzene	13.658	146	390618	46.958	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	23491	41.450	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	197398	42.029	ug/l	98
94) Hexachlorobutadiene	15.023	225	113732	42.823	ug/l	99
95) Naphthalene	15.139	128	355075	41.807	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	171568	42.274	ug/l	99

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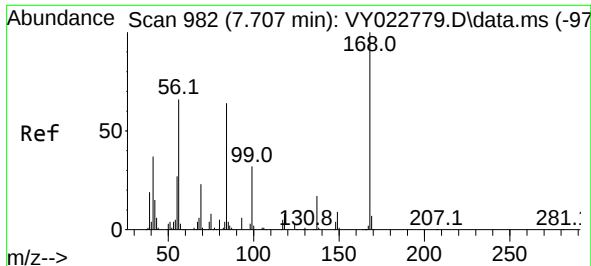
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 06/30/2025

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Response via : Initial Calibration

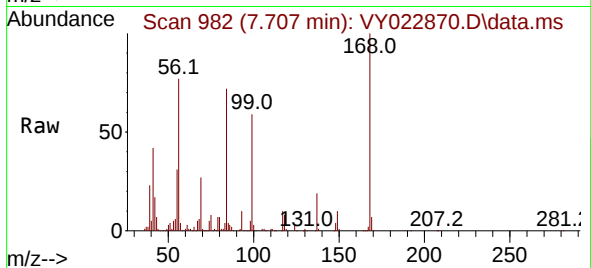
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
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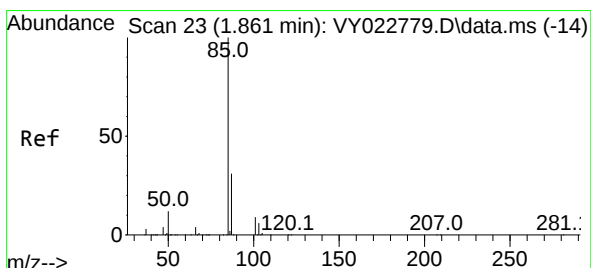
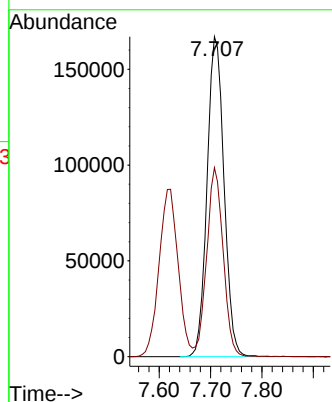
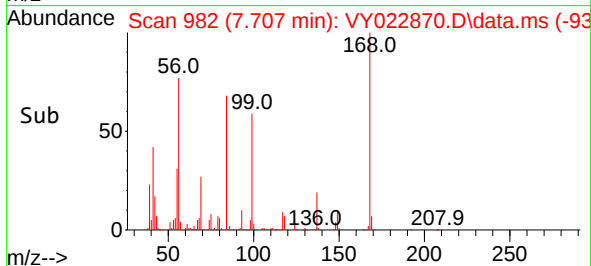
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 381456
Ion Ratio Lower Upper
168 100
99 59.0 44.3 66.5

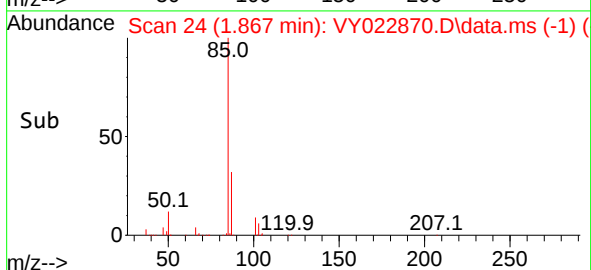
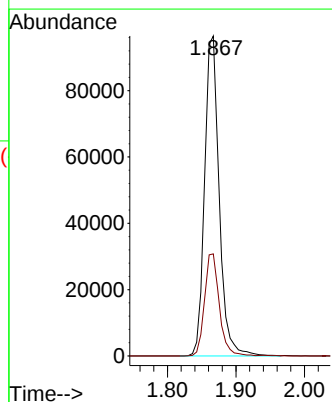
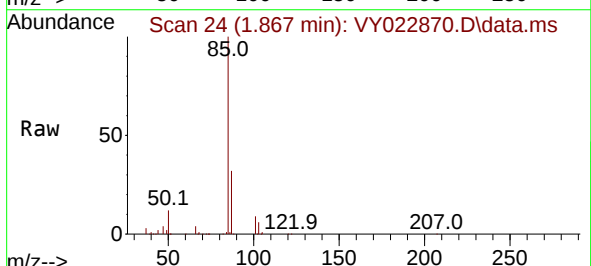
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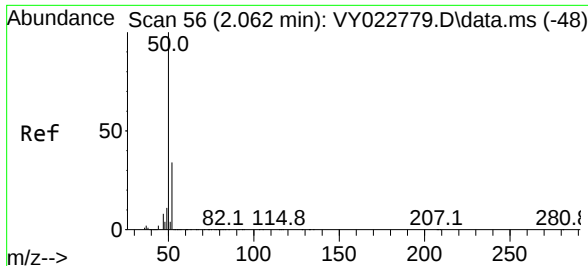
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#2
Dichlorodifluoromethane
Concen: 43.937 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

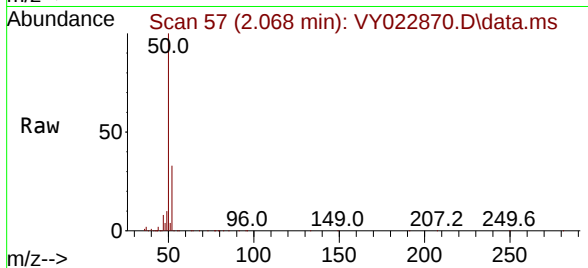
Tgt Ion: 85 Resp: 143317
Ion Ratio Lower Upper
85 100
87 31.9 16.7 50.0





#3
Chloromethane
Concen: 47.211 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

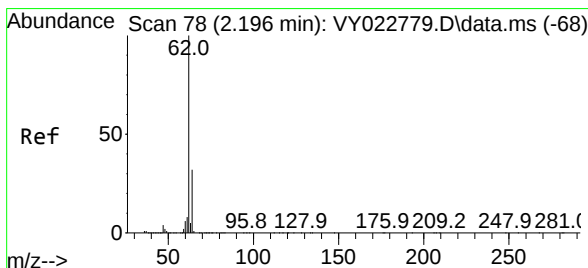
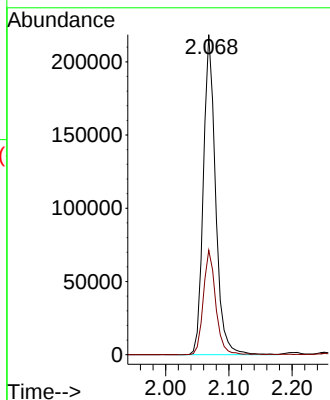
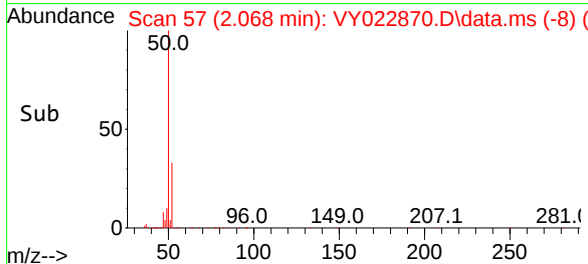
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ClientSampleId :
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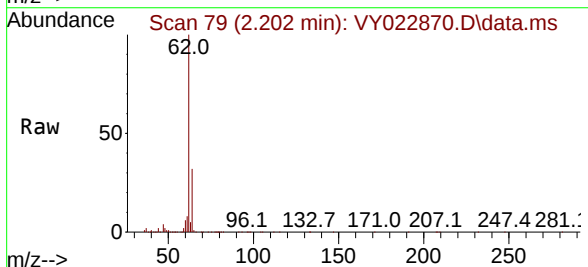
Tgt Ion: 50 Resp: 29405
Ion Ratio Lower Upper
50 100
52 32.7 26.0 39.0

Manual Integrations
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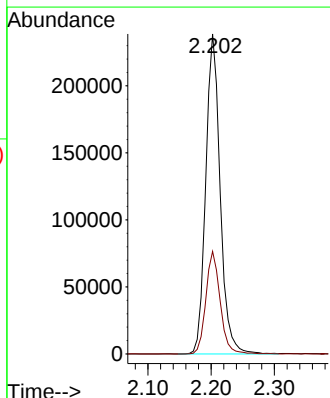
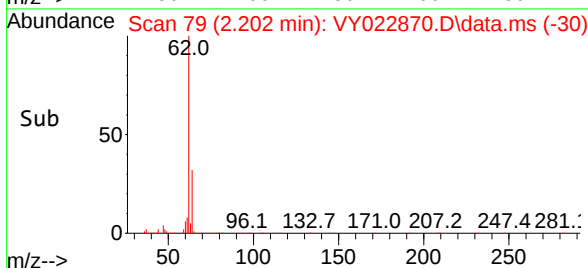
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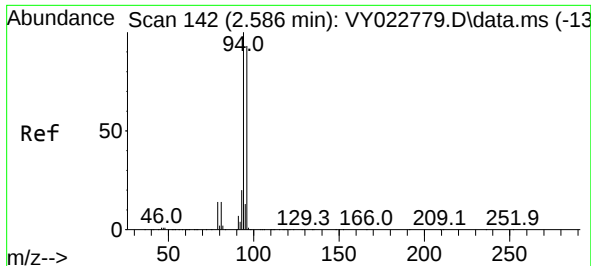


#4
Vinyl Chloride
Concen: 48.630 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49



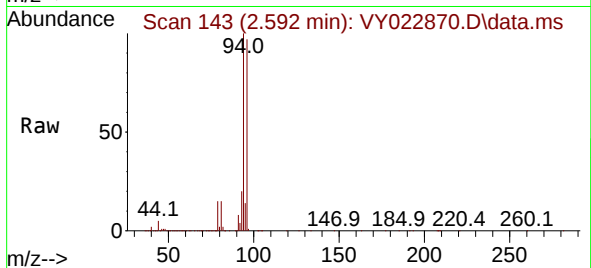
Tgt Ion: 62 Resp: 378421
Ion Ratio Lower Upper
62 100
64 32.1 25.3 37.9





#5
Bromomethane
Concen: 46.094 ug/l
RT: 2.592 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

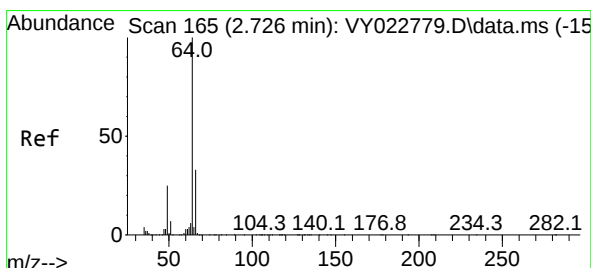
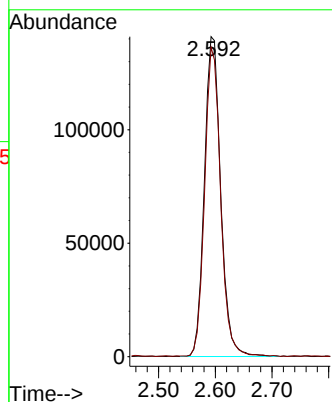
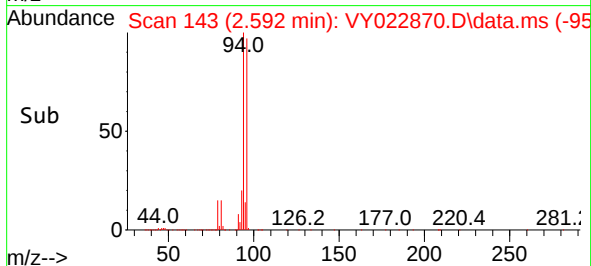
Instrument :
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Tgt Ion: 94 Resp: 281980
Ion Ratio Lower Upper
94 100
96 96.5 74.0 111.0

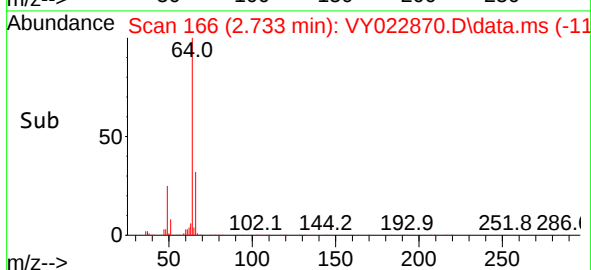
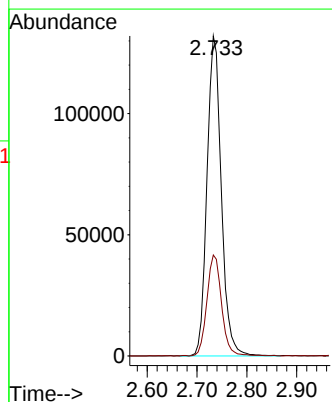
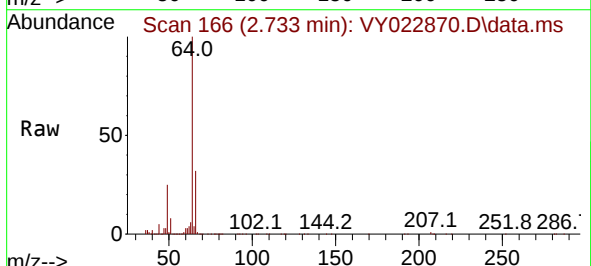
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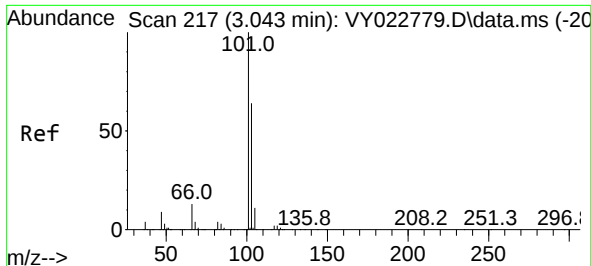
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#6
Chloroethane
Concen: 50.283 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
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Tgt Ion: 64 Resp: 263016
Ion Ratio Lower Upper
64 100
66 31.5 23.8 35.6





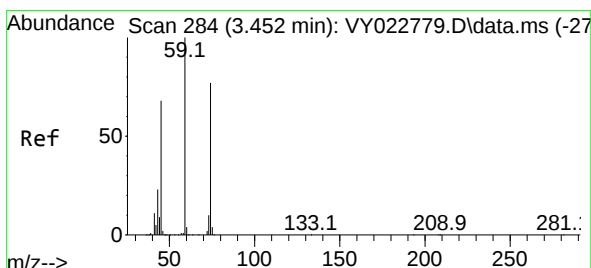
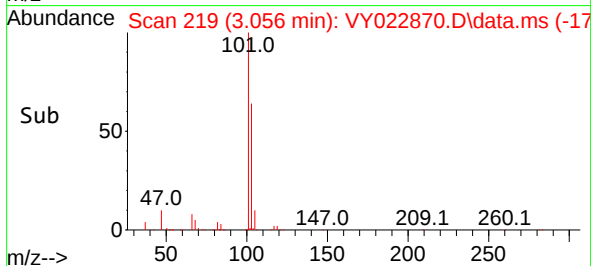
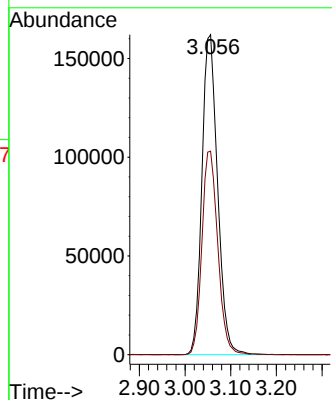
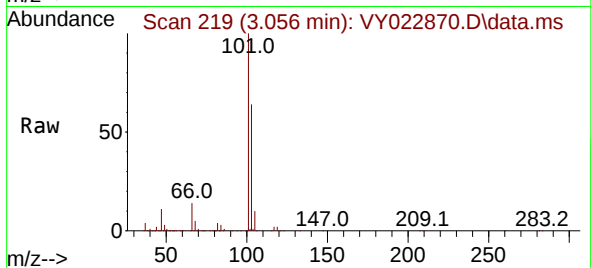
#7
Trichlorofluoromethane
Concen: 44.713 ug/l
RT: 3.056 min Scan# 217
Delta R.T. 0.000 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:101 Resp: 385264
Ion Ratio Lower Upper
101 100
103 63.6 52.2 78.2

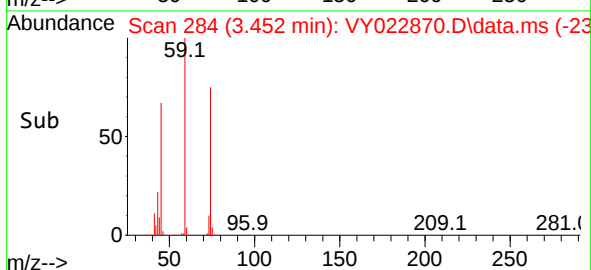
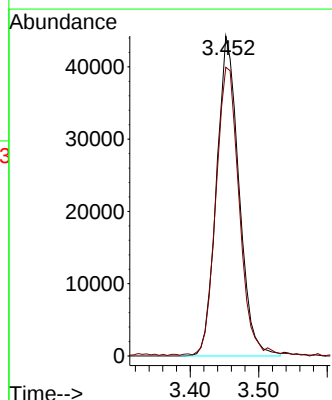
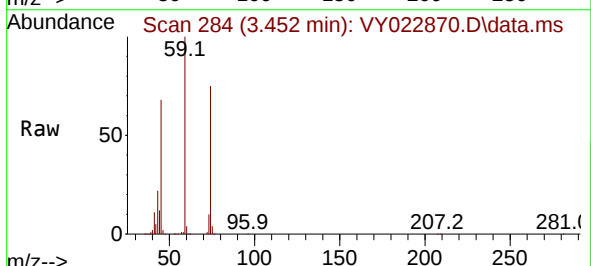
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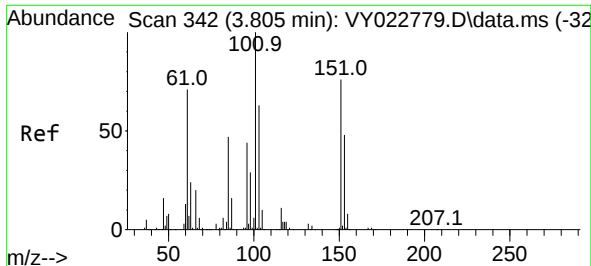
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#8
Diethyl Ether
Concen: 47.131 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.012 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

Tgt Ion: 74 Resp: 100301
Ion Ratio Lower Upper
74 100
45 93.6 45.9 137.6





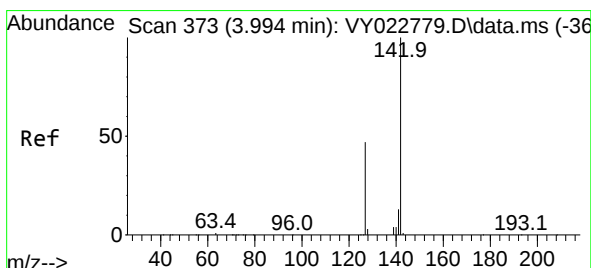
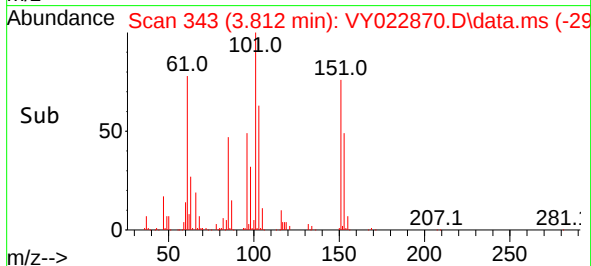
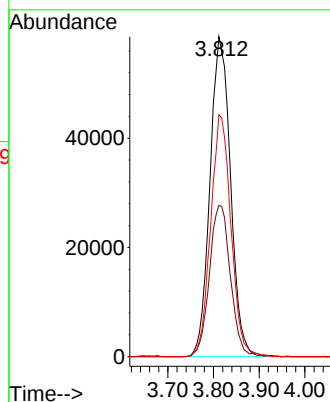
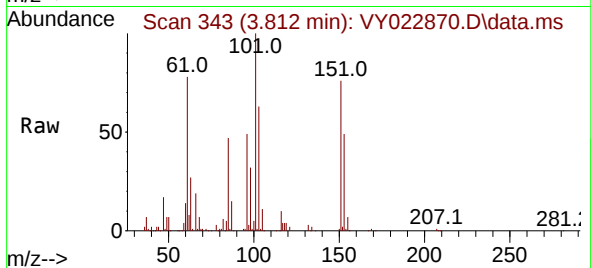
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.479 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 183019
Ion Ratio Lower Upper
101 100
85 48.2 39.3 58.9
151 74.7 57.8 86.8

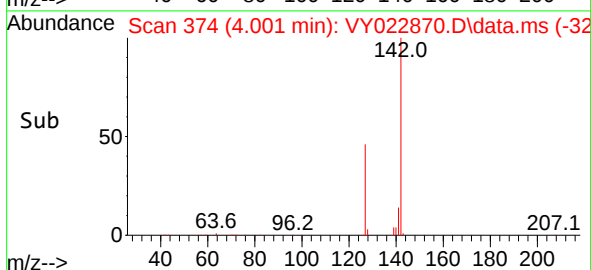
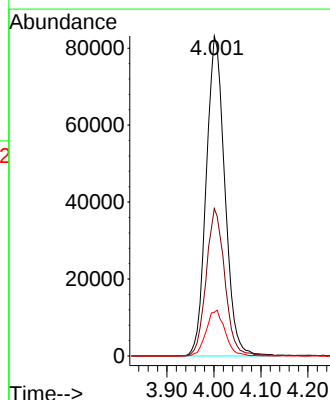
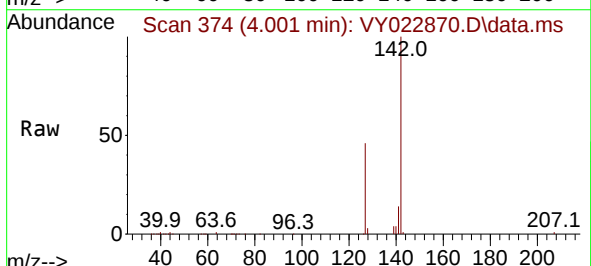
Manual Integrations
APPROVED

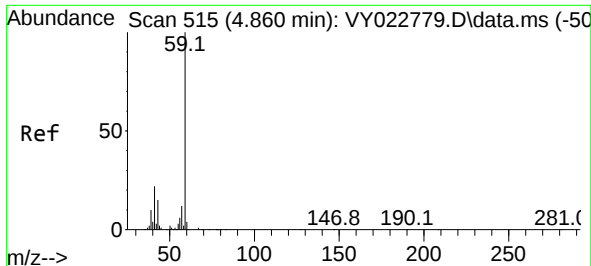
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#10
Methyl Iodide
Concen: 53.205 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

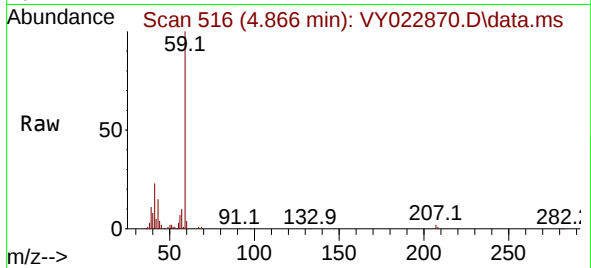
Tgt Ion:142 Resp: 228099
Ion Ratio Lower Upper
142 100
127 46.1 37.1 55.7
141 14.5 11.4 17.2





#11
Tert butyl alcohol
Concen: 199.474 ug/l
RT: 4.866 min Scan# 515
Delta R.T. -0.018 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

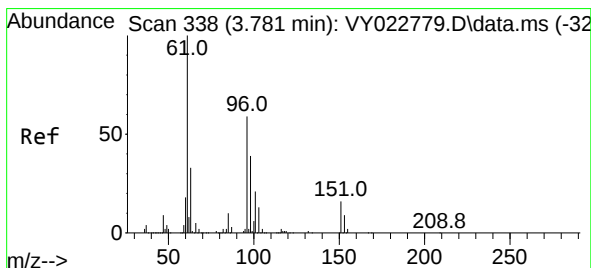
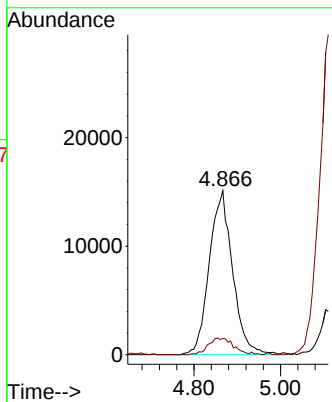
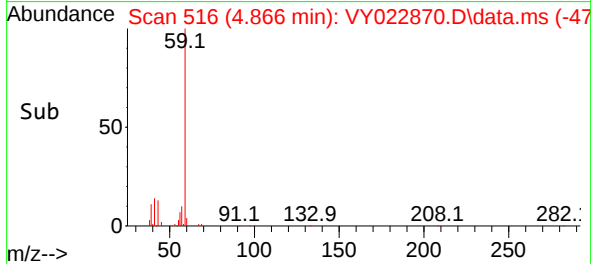
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 56469
Ion Ratio Lower Upper
59 100
57 10.7 8.0 12.0

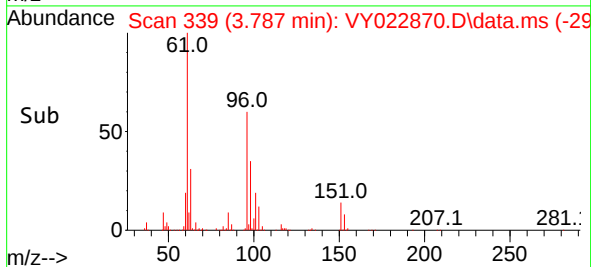
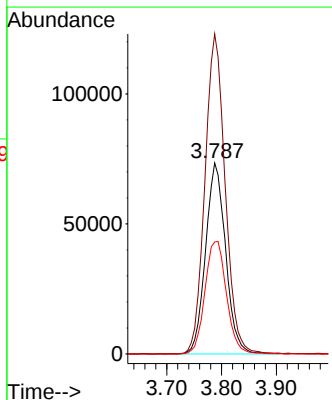
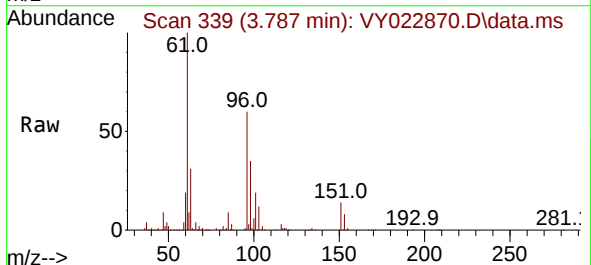
Manual Integrations
APPROVED

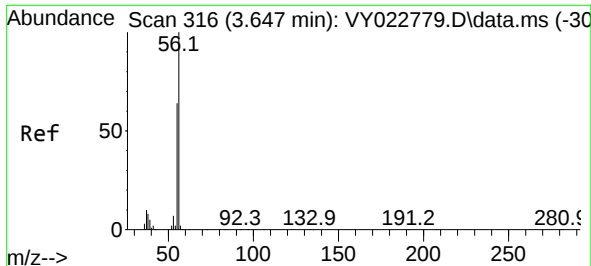
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#12
1,1-Dichloroethene
Concen: 48.419 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

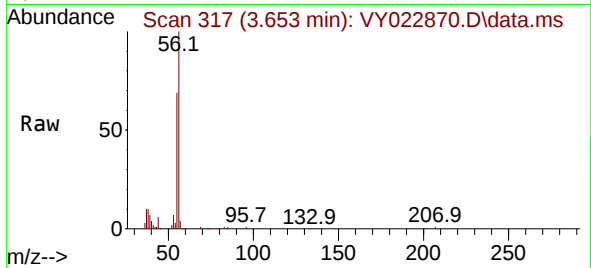
Tgt Ion: 96 Resp: 186949
Ion Ratio Lower Upper
96 100
61 167.3 134.6 201.8
98 58.6 50.2 75.4





#13
Acrolein
Concen: 160.768 ug/l
RT: 3.653 min Scan# 316
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

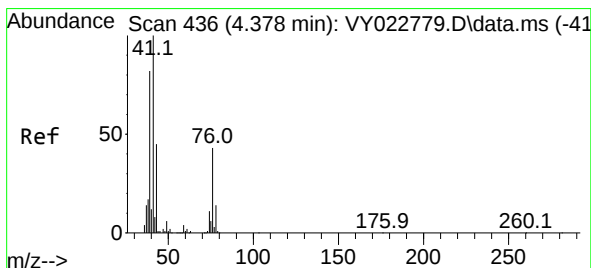
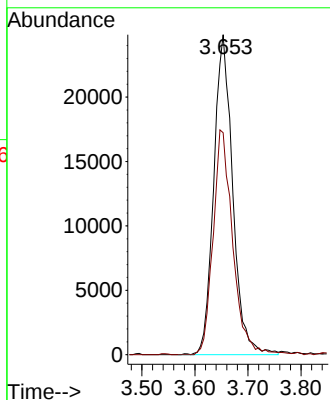
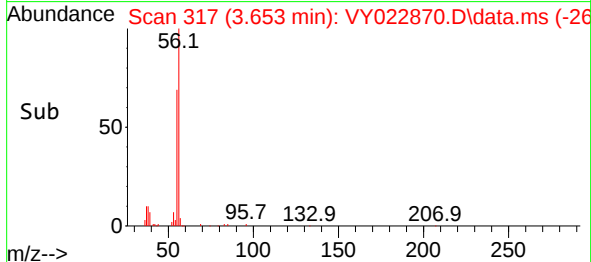
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



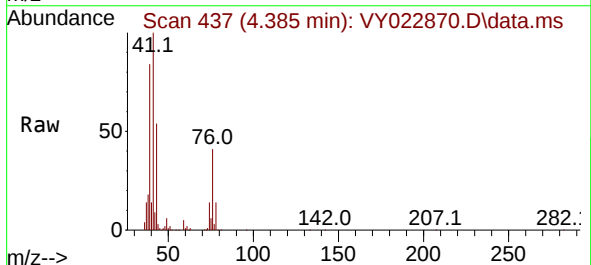
Tgt Ion: 56 Resp: 61714
Ion Ratio Lower Upper
56 100
55 72.7 57.0 85.6

Manual Integrations
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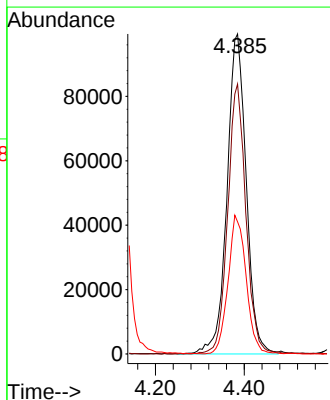
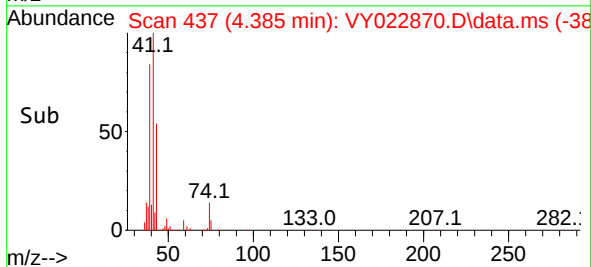
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

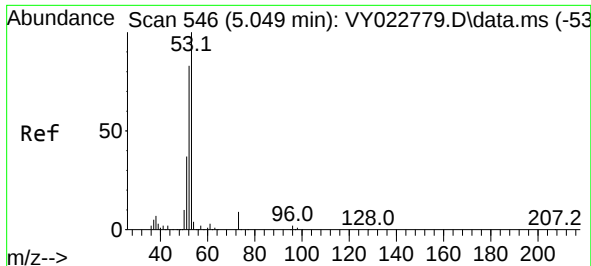


#14
Allyl chloride
Concen: 50.196 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49



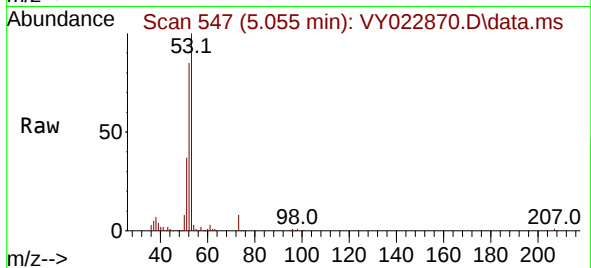
Tgt Ion: 41 Resp: 298105
Ion Ratio Lower Upper
41 100
39 79.6 69.1 103.7
76 40.7 33.5 50.3





#15
Acrylonitrile
Concen: 237.984 ug/l
RT: 5.055 min Scan# 546
Delta R.T. -0.012 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

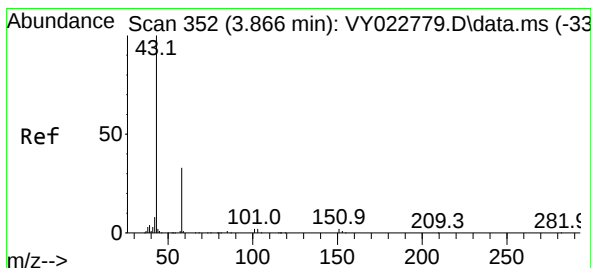
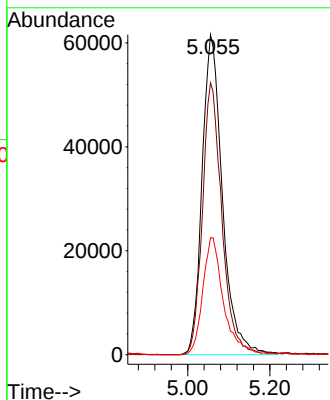
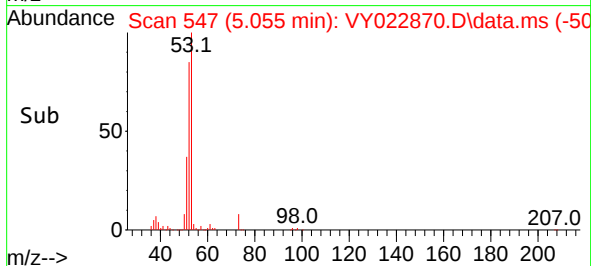
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



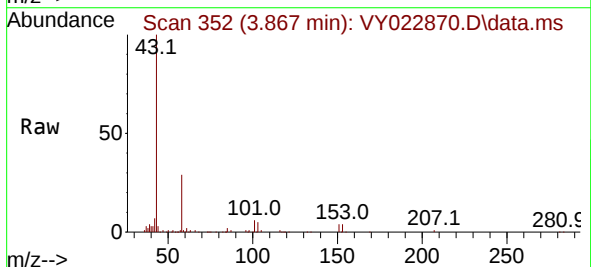
Tgt Ion: 53 Resp: 211309
Ion Ratio Lower Upper
53 100
52 80.9 65.7 98.5
51 37.2 30.1 45.1

Manual Integrations
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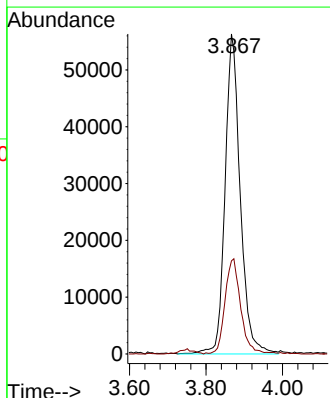
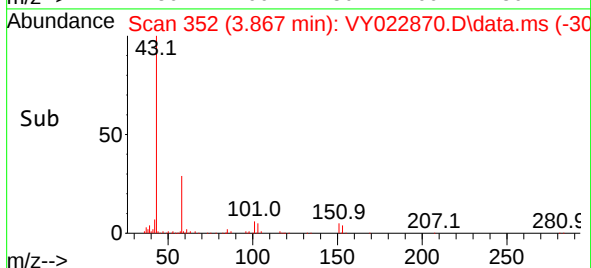
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

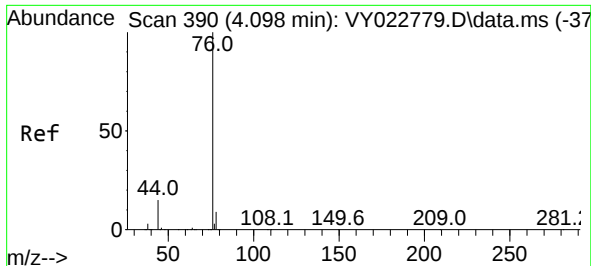


#16
Acetone
Concen: 192.729 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49



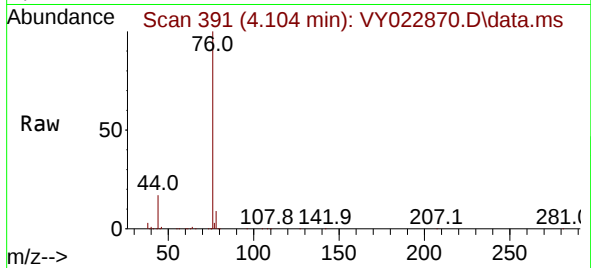
Tgt Ion: 43 Resp: 155087
Ion Ratio Lower Upper
43 100
58 28.9 24.0 36.0





#17
Carbon Disulfide
Concen: 49.019 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

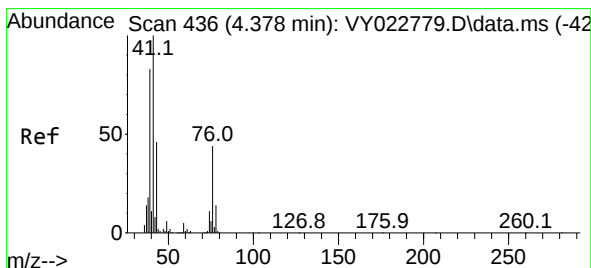
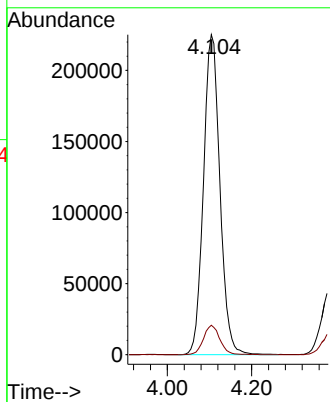
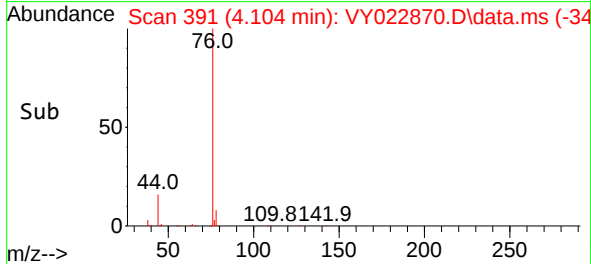
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 611430
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

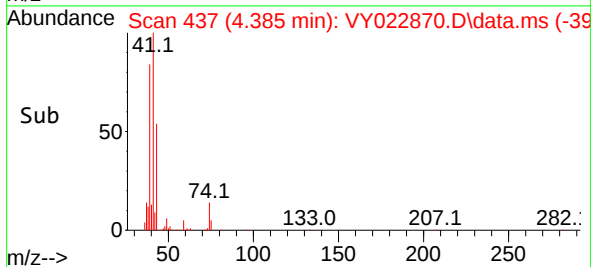
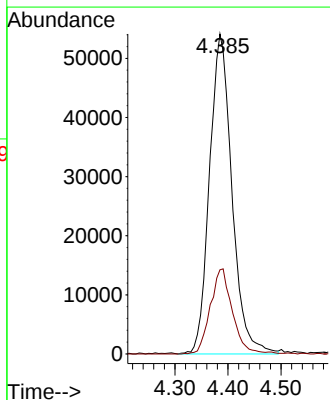
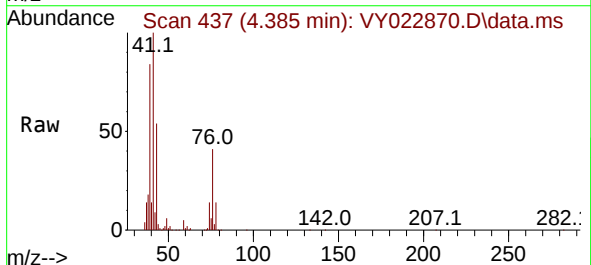
Manual Integrations
APPROVED

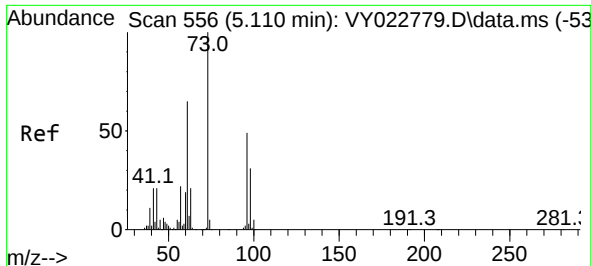
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#18
Methyl Acetate
Concen: 59.760 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

Tgt Ion: 43 Resp: 159253
Ion Ratio Lower Upper
43 100
74 26.2 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 47.095 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY022870.D

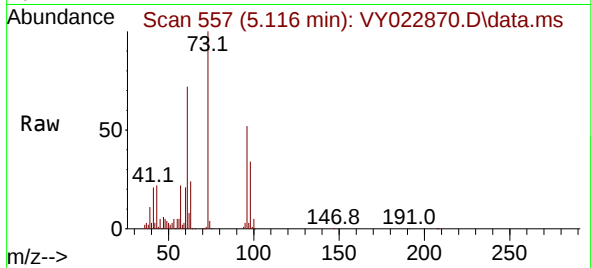
Acq: 27 Jun 2025 18:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 73 Resp: 495124

Ion Ratio Lower Upper

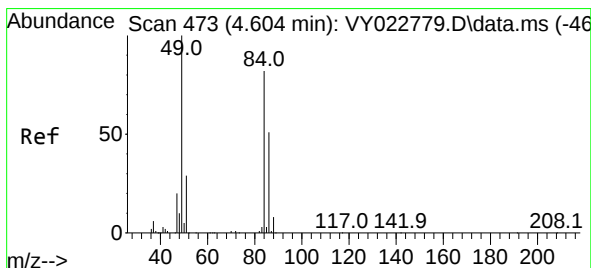
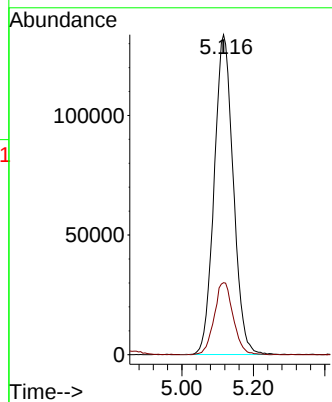
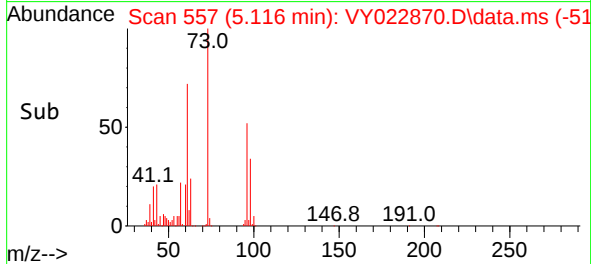
73 100

57 22.5 17.4 26.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#20

Methylene Chloride

Concen: 44.838 ug/l

RT: 4.616 min Scan# 475

Delta R.T. -0.006 min

Lab File: VY022870.D

Acq: 27 Jun 2025 18:49

Tgt Ion: 84 Resp: 227858

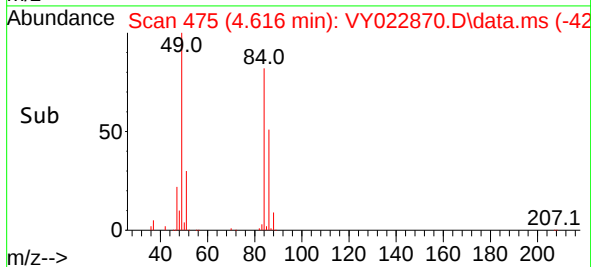
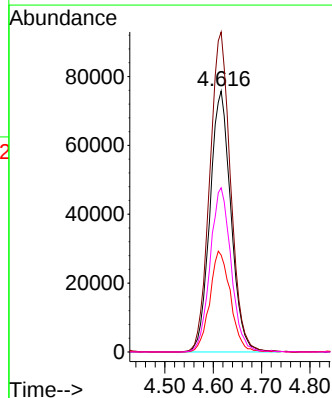
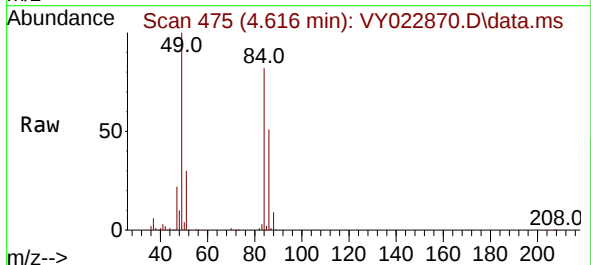
Ion Ratio Lower Upper

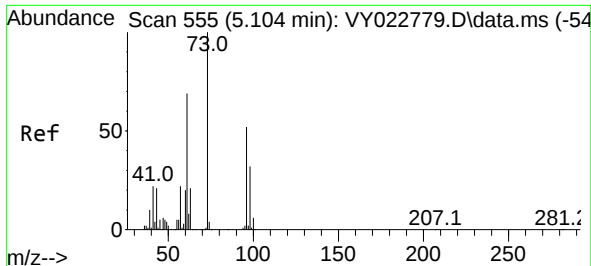
84 100

49 122.6 101.9 152.9

51 37.1 29.8 44.8

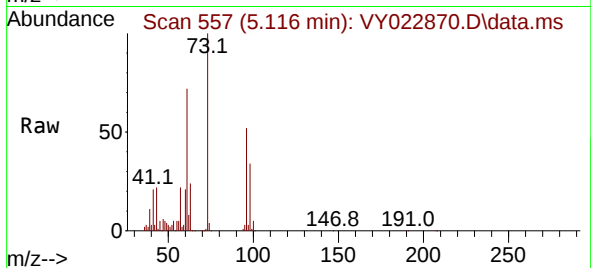
86 62.9 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 50.134 ug/l
RT: 5.116 min Scan# 5116
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

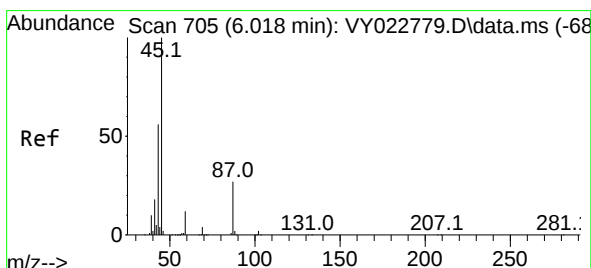
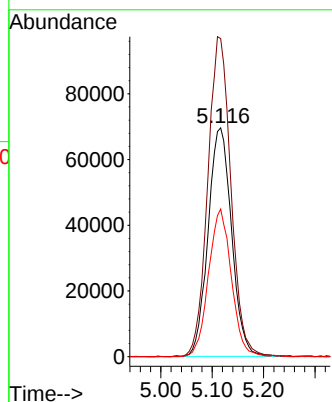
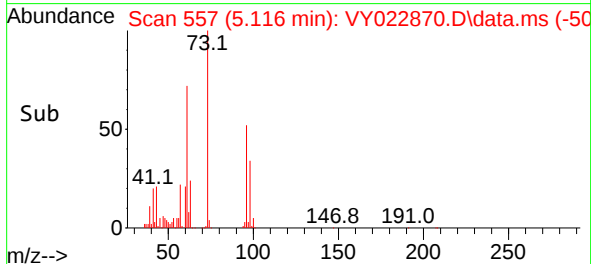
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 221232
Ion Ratio Lower Upper
96 100
61 139.0 112.6 169.0
98 64.7 50.6 75.8

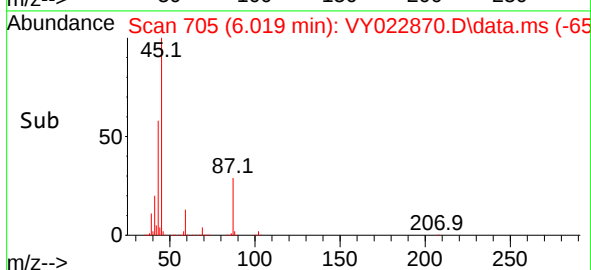
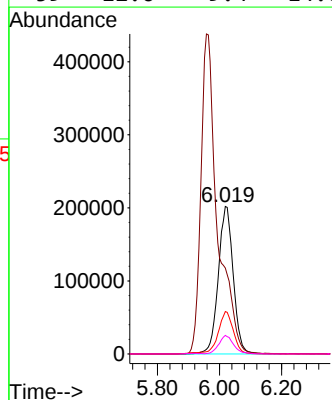
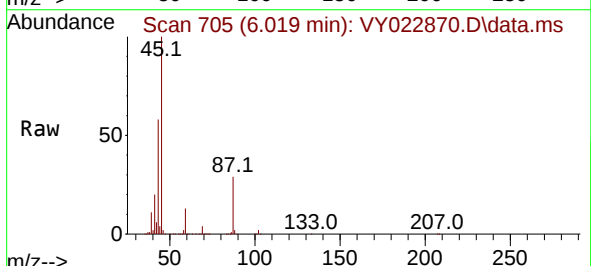
Manual Integrations
APPROVED

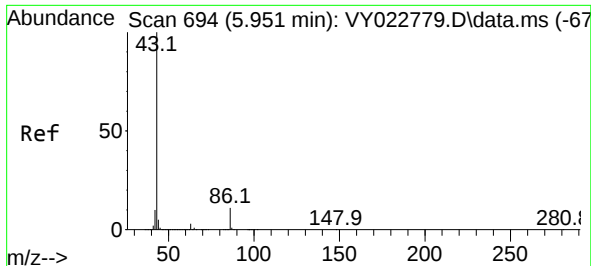
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#22
Diisopropyl ether
Concen: 51.071 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

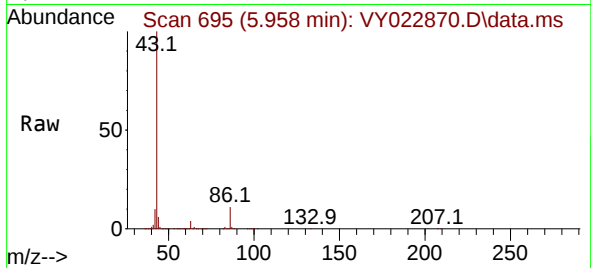
Tgt Ion: 45 Resp: 673566
Ion Ratio Lower Upper
45 100
43 58.2 48.3 72.5
87 28.8 23.0 34.6
59 12.6 9.4 14.0





#23
 Vinyl Acetate
 Concen: 222.504 ug/l
 RT: 5.958 min Scan# 694
 Delta R.T. -0.012 min
 Lab File: VY022870.D
 Acq: 27 Jun 2025 18:49

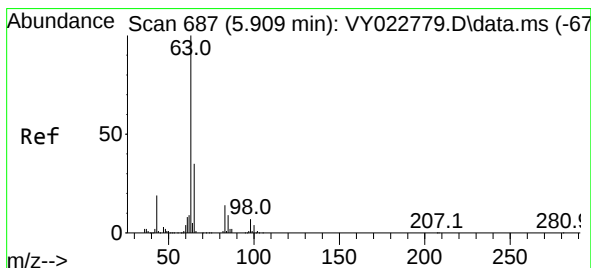
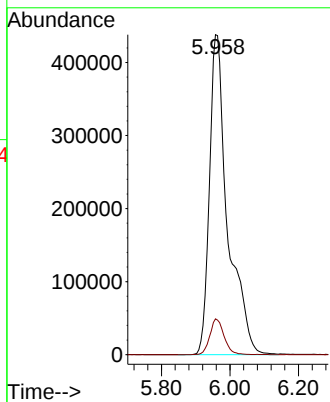
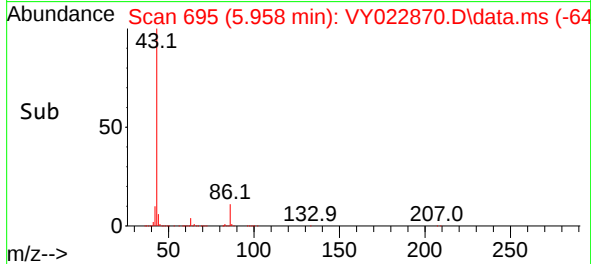
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



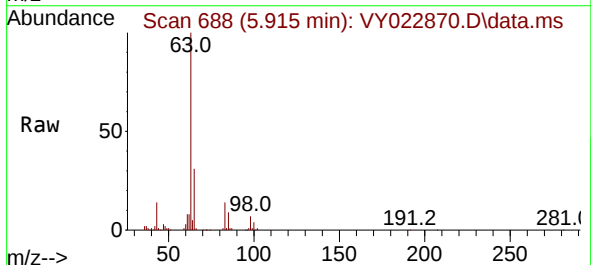
Tgt Ion: 43 Resp: 162073
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.6 12.8

Manual Integrations
 APPROVED

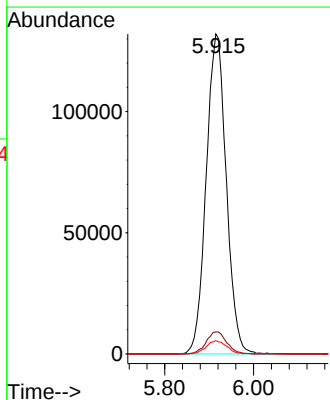
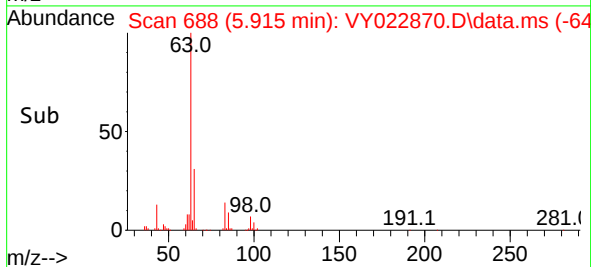
Reviewed By :Mahesh Dadoda 06/30/2025
 Supervised By :Semsettin Yesilyurt 06/30/2025

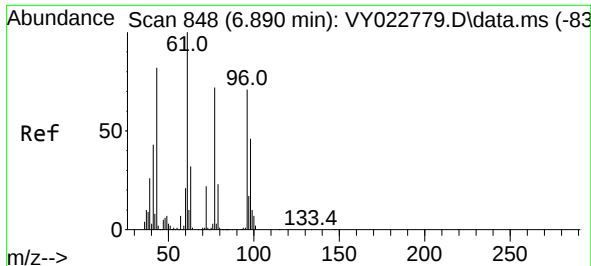


#24
 1,1-Dichloroethane
 Concen: 52.023 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY022870.D
 Acq: 27 Jun 2025 18:49



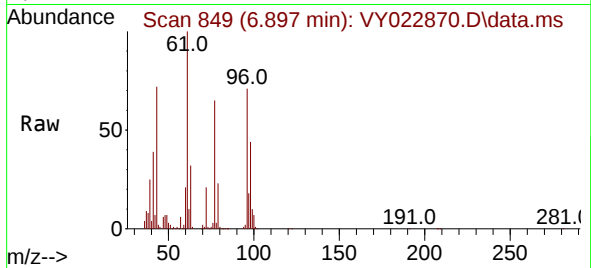
Tgt Ion: 63 Resp: 414442
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.4 10.1
 100 4.2 2.1 6.3





#25
2-Butanone
Concen: 214.007 ug/l
RT: 6.897 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

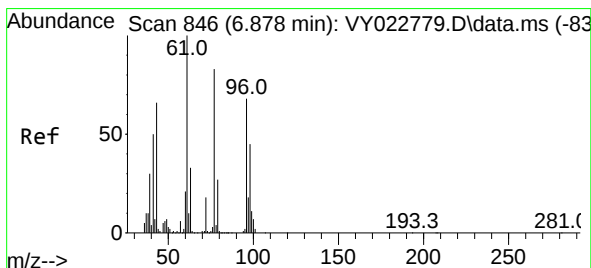
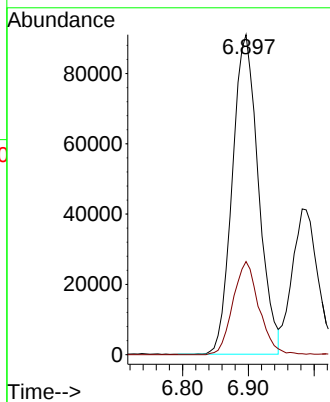
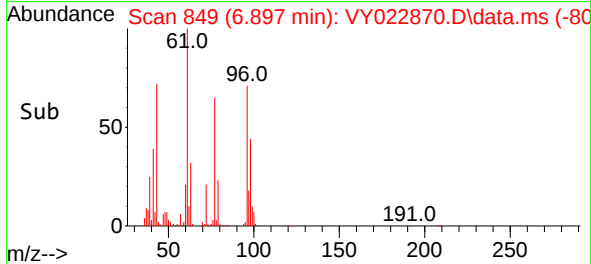
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



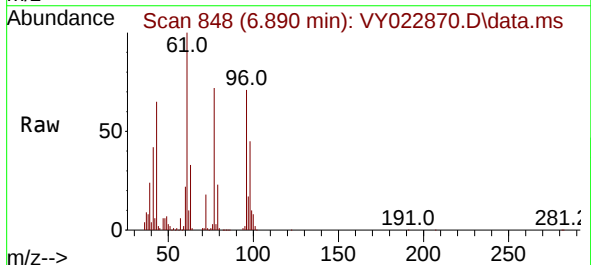
Tgt Ion: 43 Resp: 25063
Ion Ratio Lower Upper
43 100
72 29.2 22.9 34.3

Manual Integrations
APPROVED

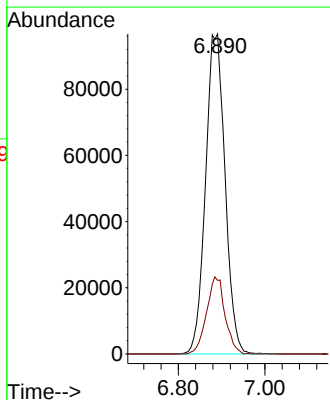
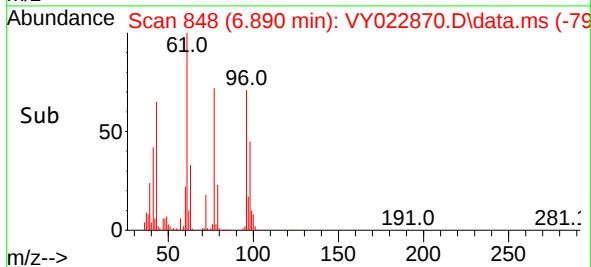
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

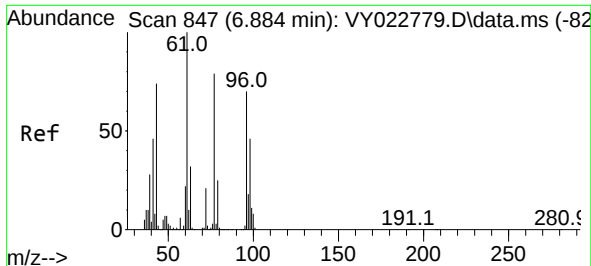


#26
2,2-Dichloropropane
Concen: 45.362 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49



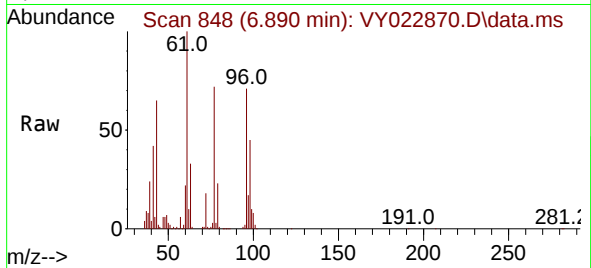
Tgt Ion: 77 Resp: 302922
Ion Ratio Lower Upper
77 100
97 22.8 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 50.527 ug/l
 RT: 6.890 min Scan# 847
 Delta R.T. -0.006 min
 Lab File: VY022870.D
 Acq: 27 Jun 2025 18:49

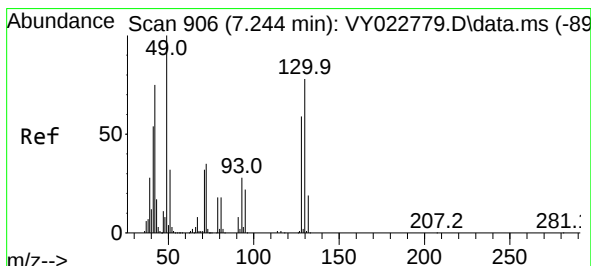
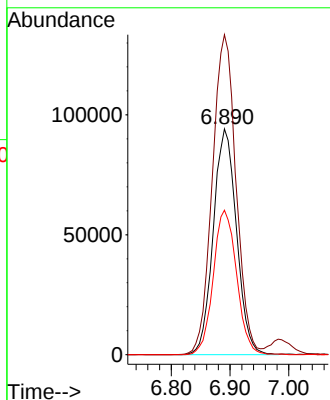
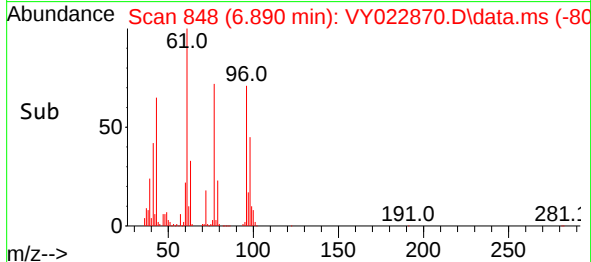
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



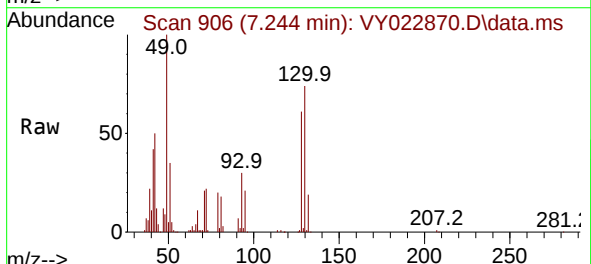
Tgt Ion: 96 Resp: 259084
 Ion Ratio Lower Upper
 96 100
 61 144.5 0.0 290.0
 98 64.2 0.0 128.4

Manual Integrations
 APPROVED

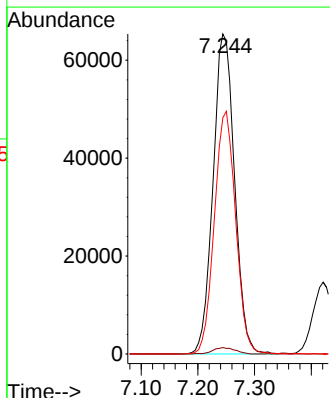
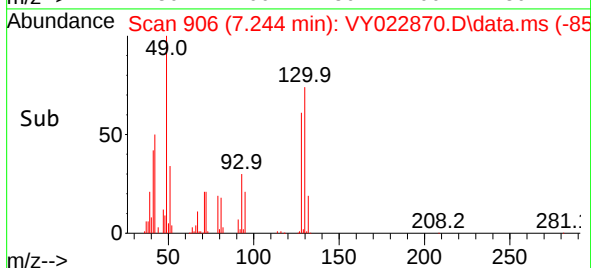
Reviewed By :Mahesh Dadoda 06/30/2025
 Supervised By :Semsettin Yesilyurt 06/30/2025

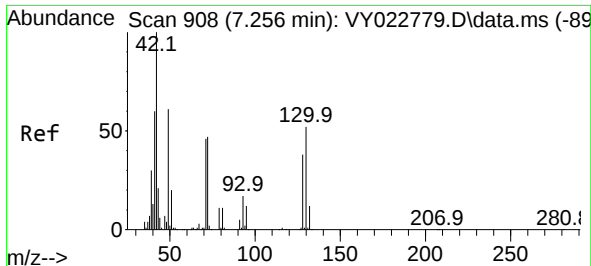


#28
 Bromochloromethane
 Concen: 51.404 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY022870.D
 Acq: 27 Jun 2025 18:49



Tgt Ion: 49 Resp: 172161
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.6
 130 75.2 55.7 83.5





#29

Tetrahydrofuran

Concen: 229.154 ug/l

RT: 7.262 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY022870.D

Acq: 27 Jun 2025 18:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 16946

Ion Ratio Lower Upper

42 100

72 46.0 37.4 56.2

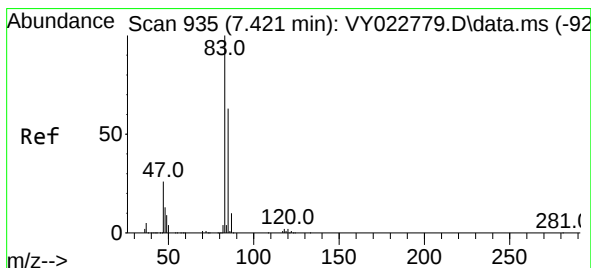
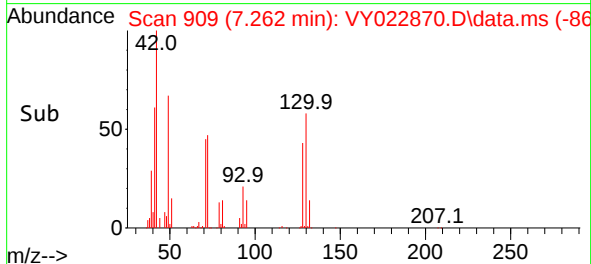
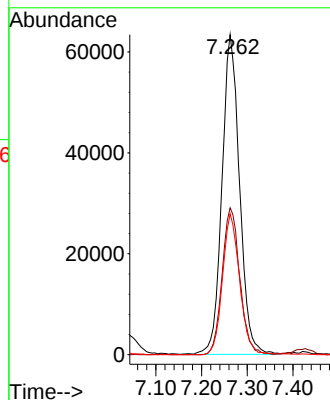
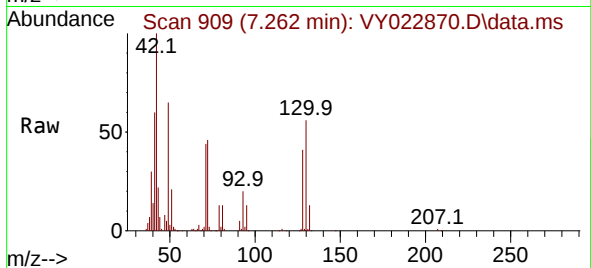
71 42.9 34.2 51.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025

Supervised By :Semsettin Yesilyurt 06/30/2025



#30

Chloroform

Concen: 50.691 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY022870.D

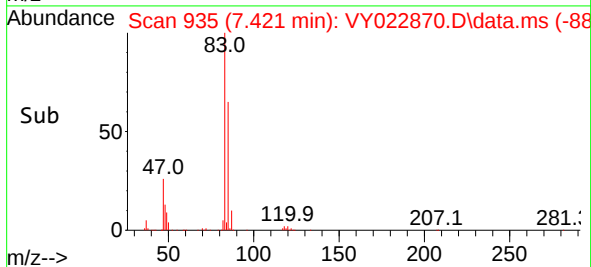
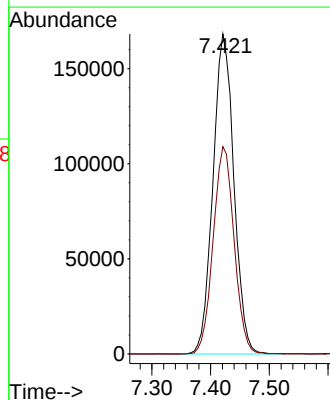
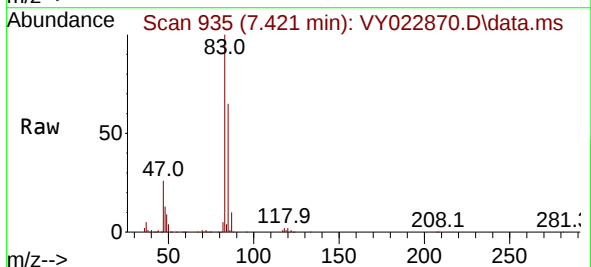
Acq: 27 Jun 2025 18:49

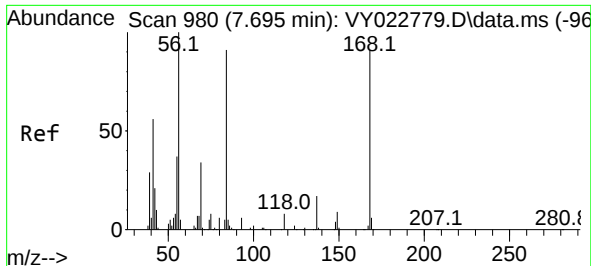
Tgt Ion: 83 Resp: 415926

Ion Ratio Lower Upper

83 100

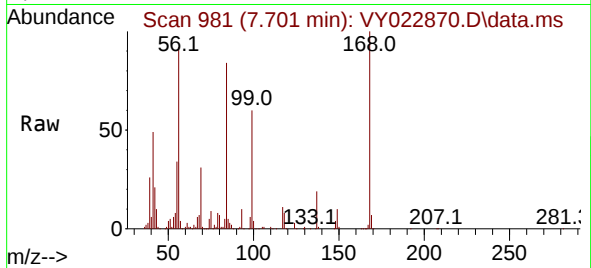
85 64.8 54.2 81.4





#31
Cyclohexane
Concen: 46.270 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

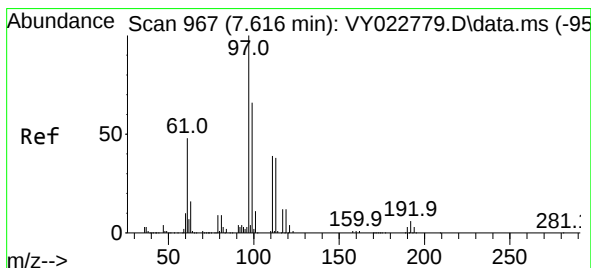
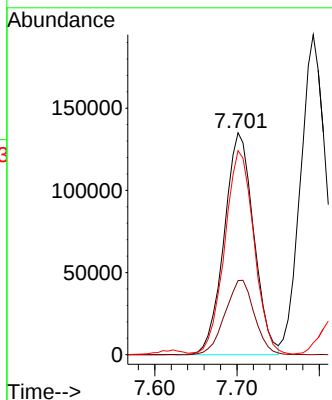
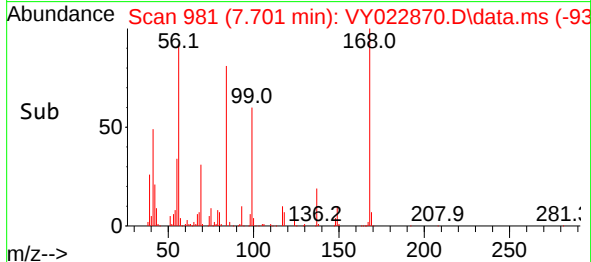
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



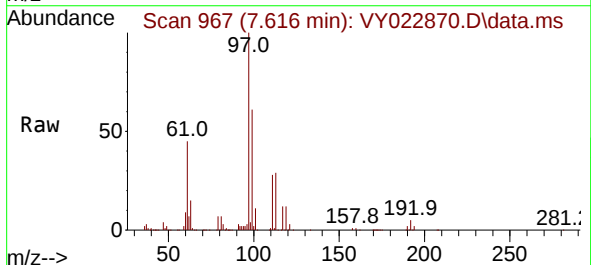
Tgt Ion: 56 Resp: 338359
Ion Ratio Lower Upper
56 100
69 33.4 27.0 40.6
84 90.3 72.6 109.0

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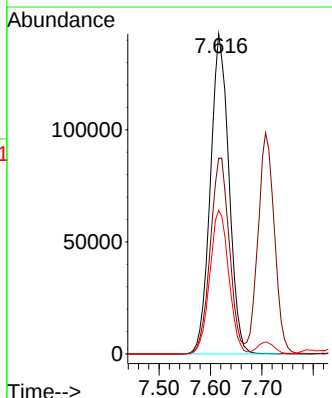
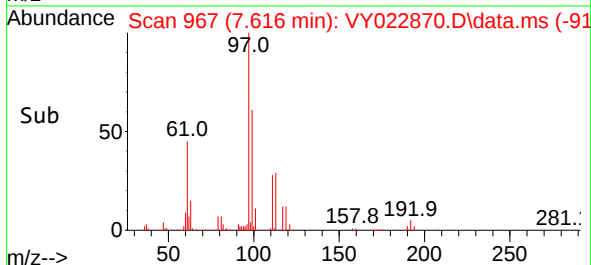
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

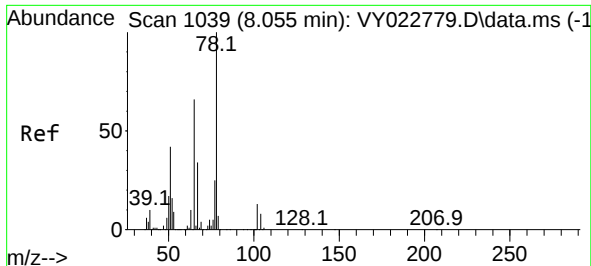


#32
1,1,1-Trichloroethane
Concen: 50.390 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49



Tgt Ion: 97 Resp: 357291
Ion Ratio Lower Upper
97 100
99 63.1 50.9 76.3
61 46.2 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 50.848 ug/l

RT: 8.061 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY022870.D

Acq: 27 Jun 2025 18:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 216480

Ion Ratio Lower Upper

65 100

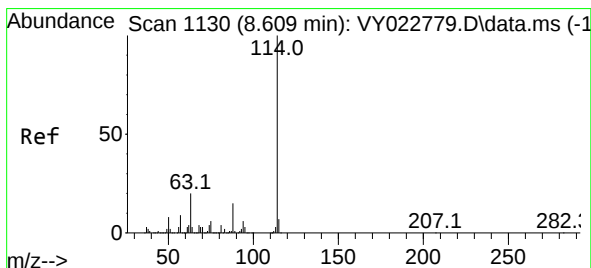
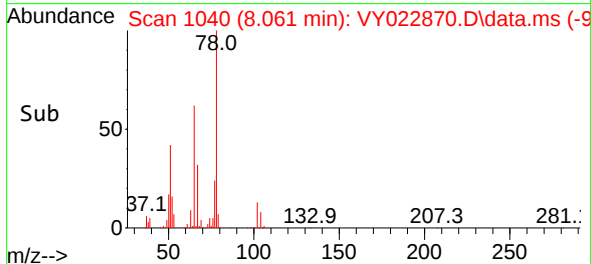
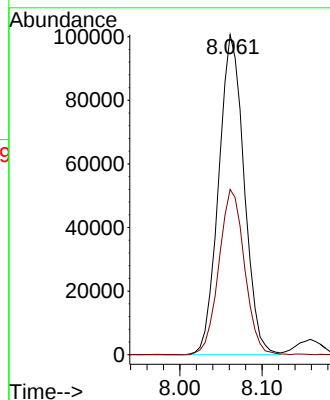
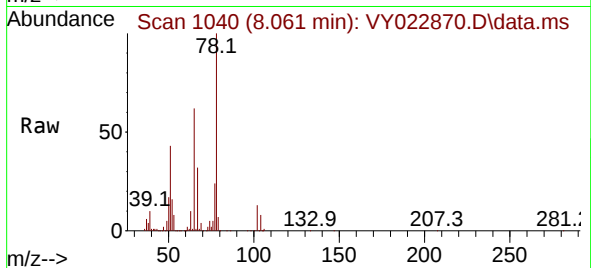
67 52.0 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025

Supervised By :Semsettin Yesilyurt 06/30/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022870.D

Acq: 27 Jun 2025 18:49

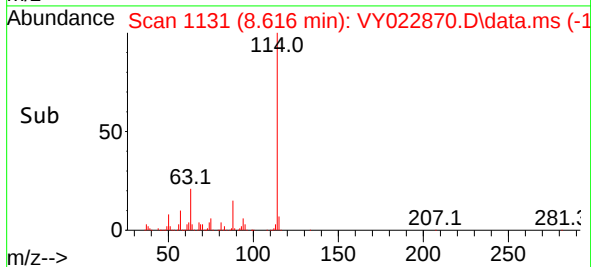
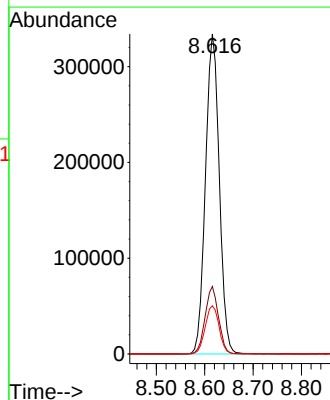
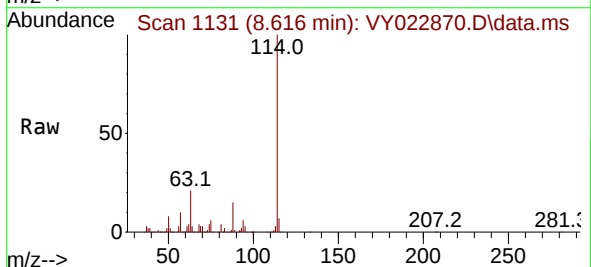
Tgt Ion:114 Resp: 662786

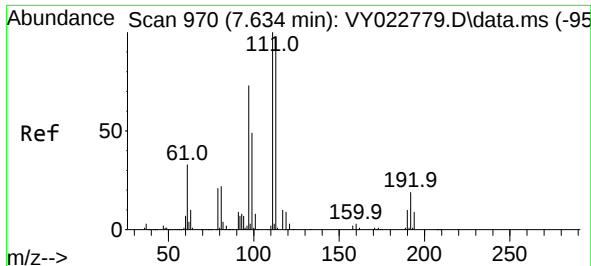
Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.8

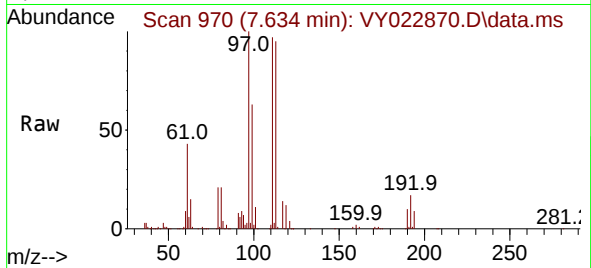
88 15.0 0.0 27.8





#35
Dibromofluoromethane
Concen: 50.756 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

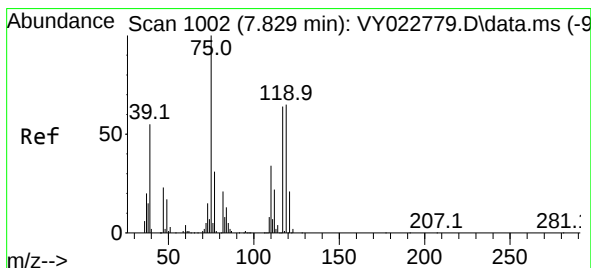
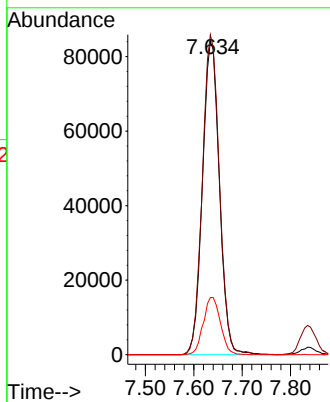
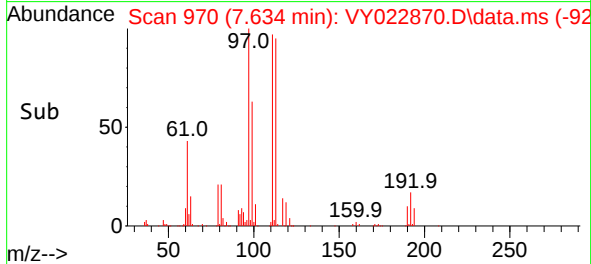
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



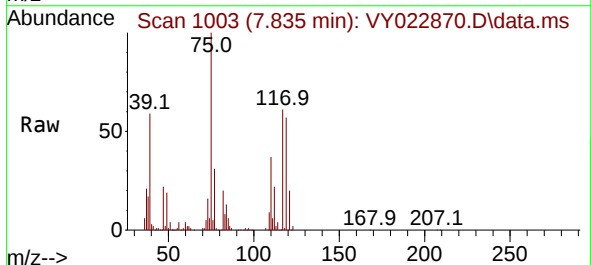
Tgt Ion:113 Resp: 20458
Ion Ratio Lower Upper
113 100
111 102.9 81.1 121.7
192 18.5 14.2 21.2

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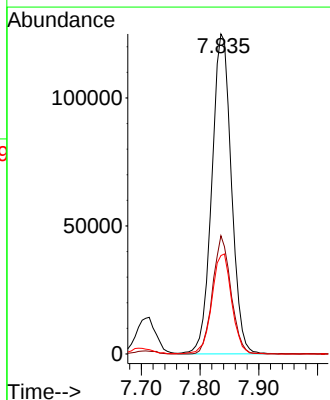
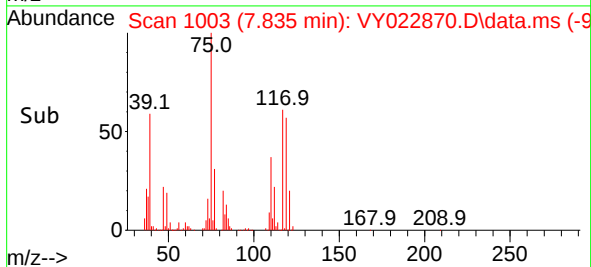
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

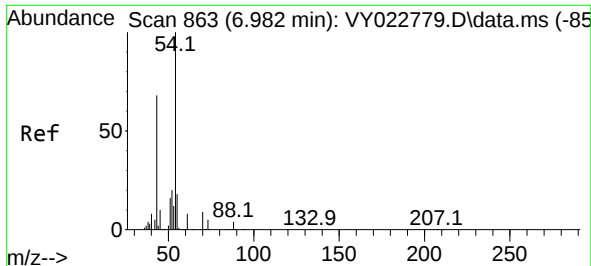


#36
1,1-Dichloropropene
Concen: 47.310 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49



Tgt Ion: 75 Resp: 289047
Ion Ratio Lower Upper
75 100
110 34.6 16.9 50.7
77 31.7 24.8 37.2





#37

Ethyl Acetate

Concen: 44.270 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.012 min

Lab File: VY022870.D

Acq: 27 Jun 2025 18:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 116715

Ion Ratio Lower Upper

43 100

61 14.8 11.5 17.3

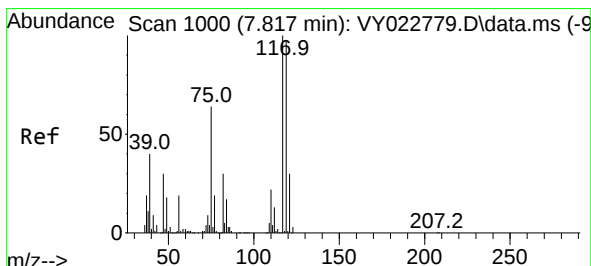
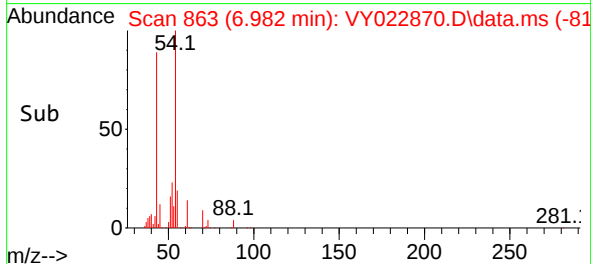
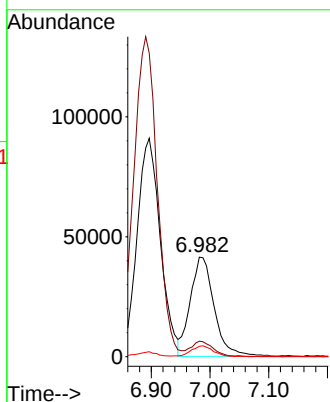
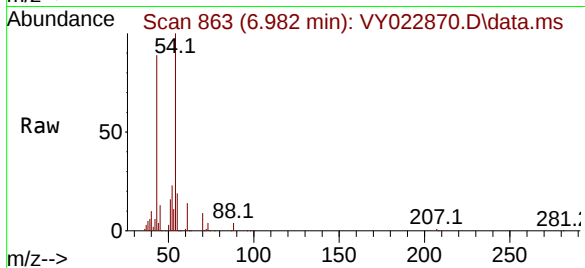
70 10.3 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025

Supervised By :Semsettin Yesilyurt 06/30/2025



#38

Carbon Tetrachloride

Concen: 47.152 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VY022870.D

Acq: 27 Jun 2025 18:49

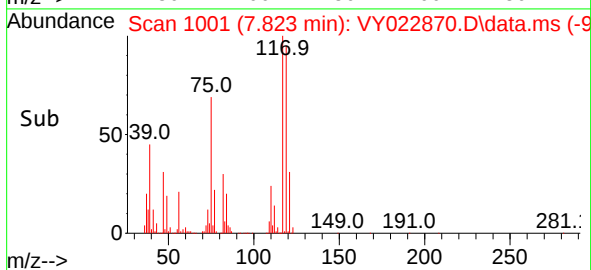
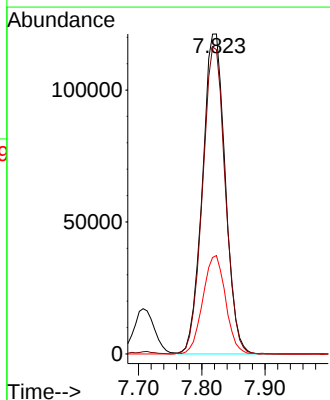
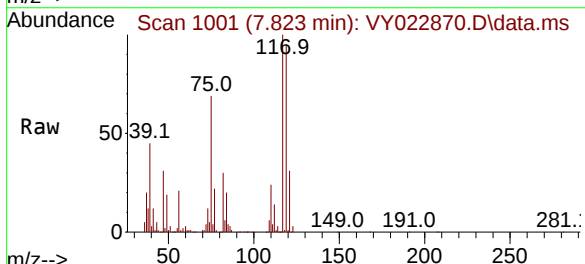
Tgt Ion:117 Resp: 303964

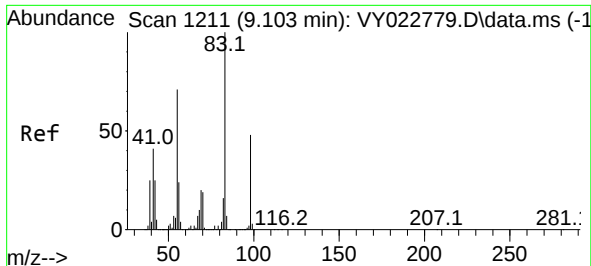
Ion Ratio Lower Upper

117 100

119 95.1 75.0 112.6

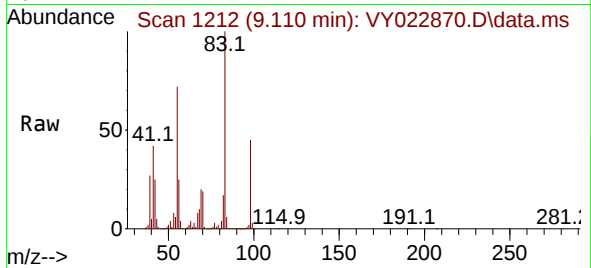
121 30.7 25.0 37.4





#39
Methylcyclohexane
Concen: 46.054 ug/l
RT: 9.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

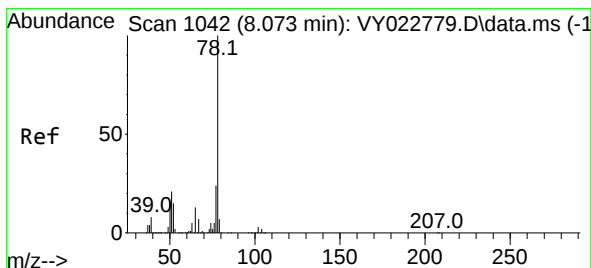
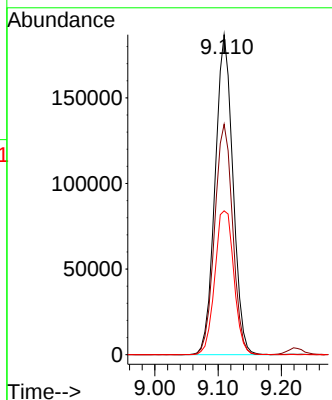
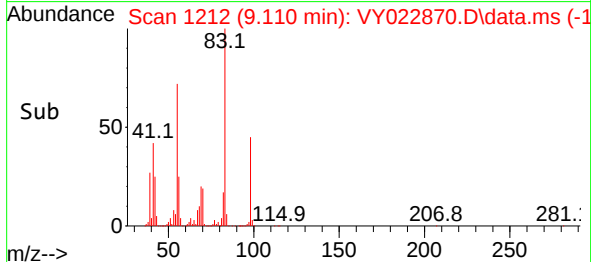
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 364120
Ion Ratio Lower Upper
83 100
55 72.0 58.1 87.1
98 44.9 39.0 58.6

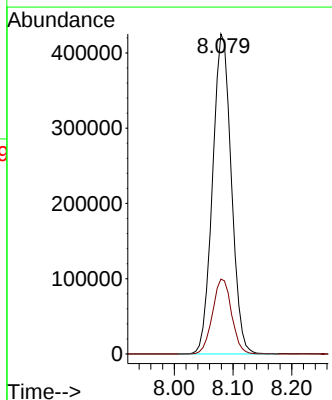
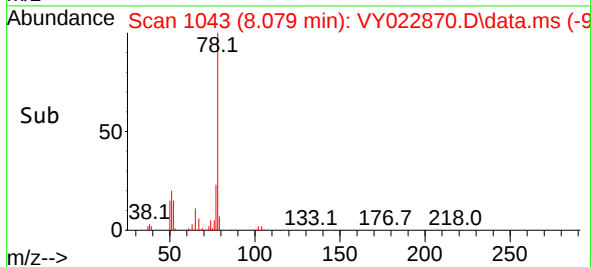
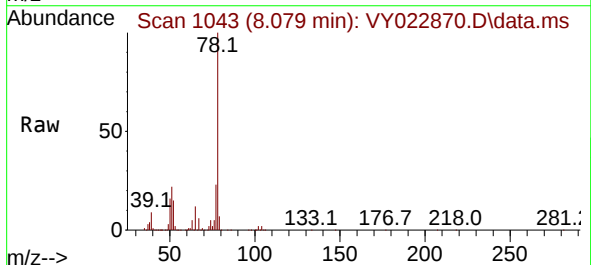
Manual Integrations
APPROVED

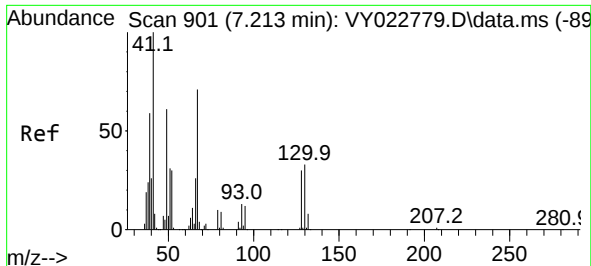
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#40
Benzene
Concen: 50.209 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

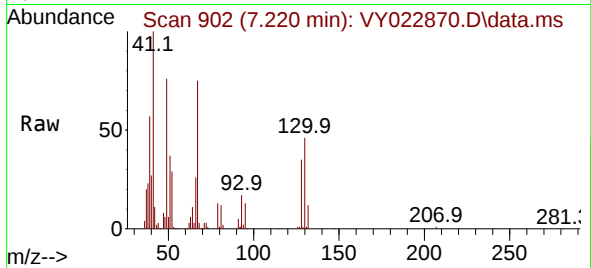
Tgt Ion: 78 Resp: 943149
Ion Ratio Lower Upper
78 100
77 23.4 19.3 28.9





#41
Methacrylonitrile
Concen: 42.554 ug/l
RT: 7.220 min Scan# 901
Delta R.T. -0.012 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

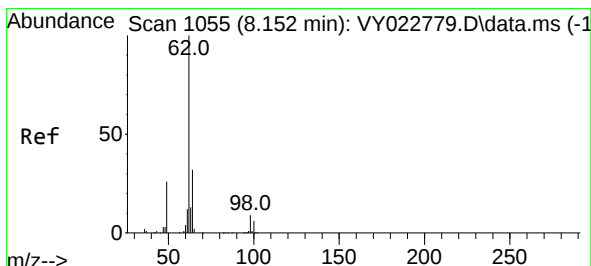
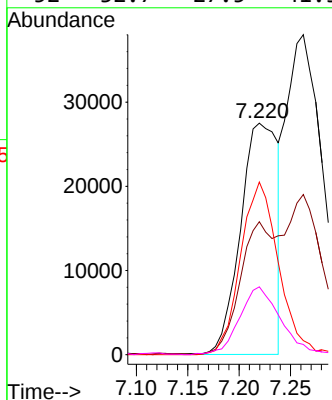
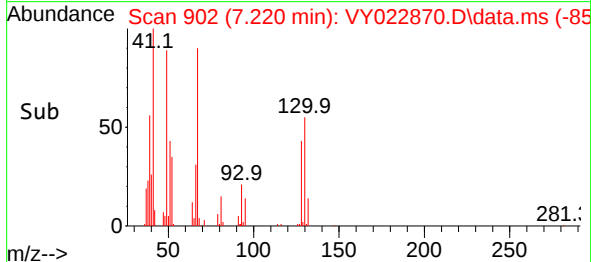
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 6906
Ion Ratio Lower Upper
41 100
39 48.6 46.6 69.8
67 76.9 63.3 94.9
52 32.7 27.5 41.3

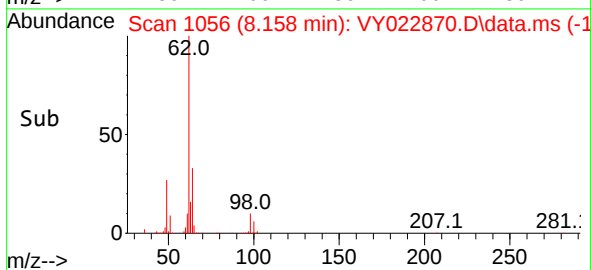
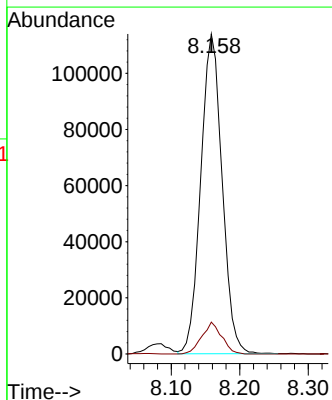
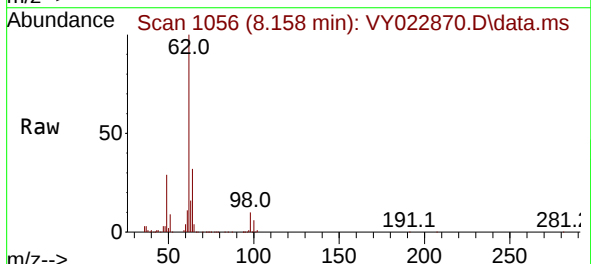
Manual Integrations
APPROVED

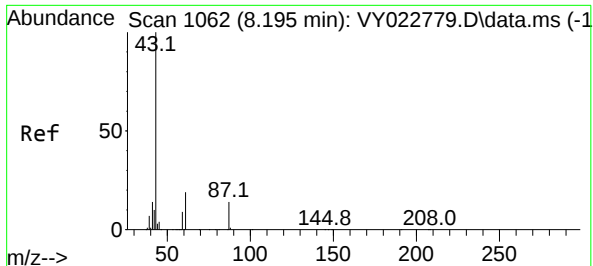
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#42
1,2-Dichloroethane
Concen: 47.982 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

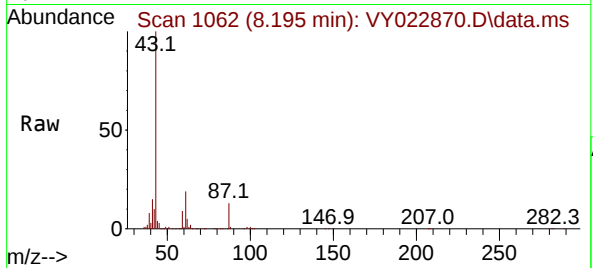
Tgt Ion: 62 Resp: 246985
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.2





#43
Isopropyl Acetate
Concen: 44.329 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

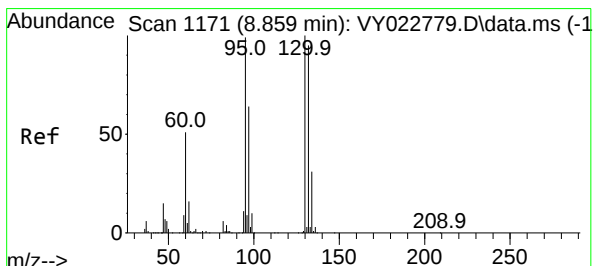
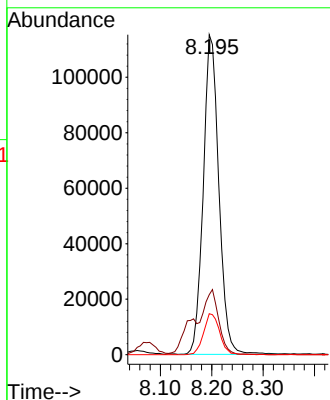
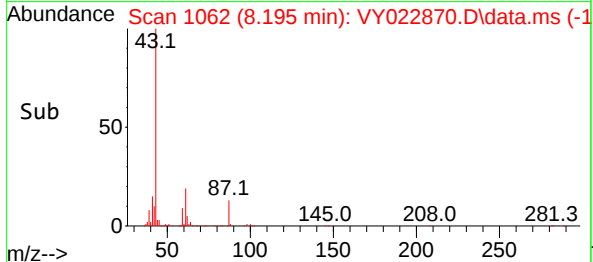
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 24290
Ion Ratio Lower Upper
43 100
61 20.4 15.6 23.4
87 13.2 10.2 15.4

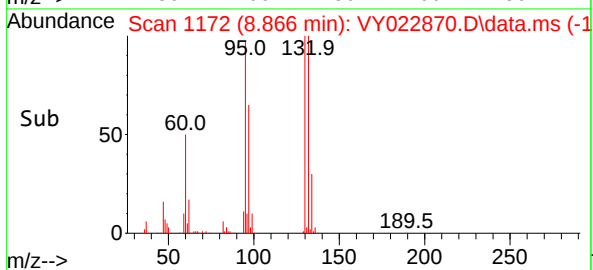
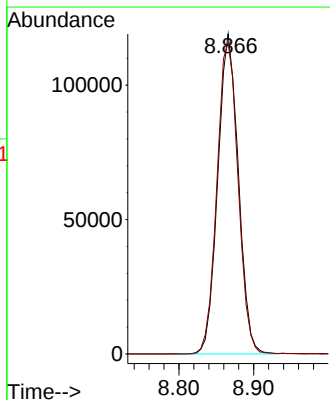
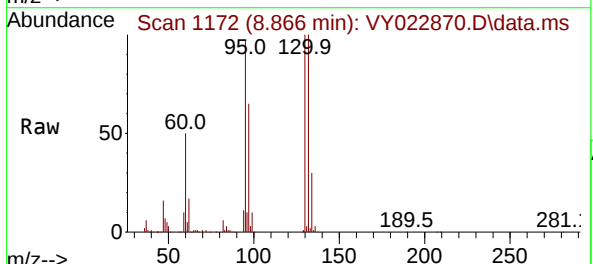
Manual Integrations
APPROVED

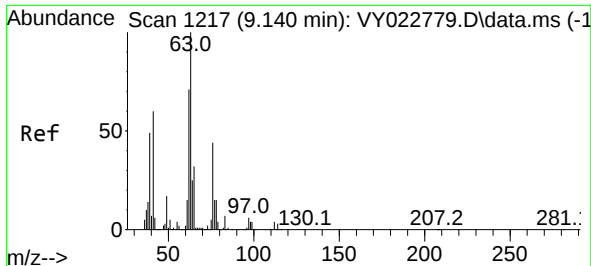
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#44
Trichloroethene
Concen: 48.373 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

Tgt Ion:130 Resp: 228137
Ion Ratio Lower Upper
130 100
95 97.2 0.0 203.0





#45

1,2-Dichloropropane

Concen: 49.870 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY022870.D

Acq: 27 Jun 2025 18:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 21924

Ion Ratio Lower Upper

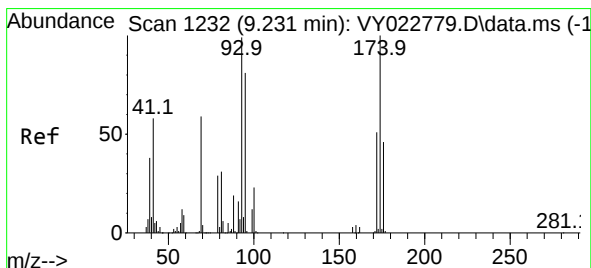
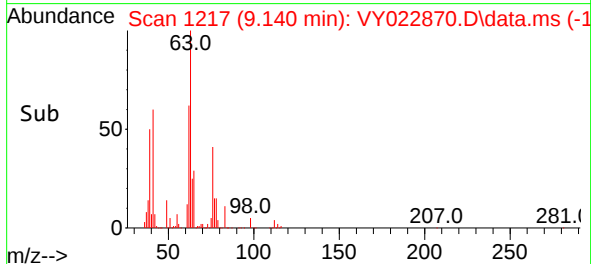
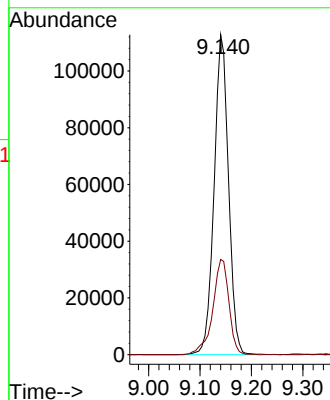
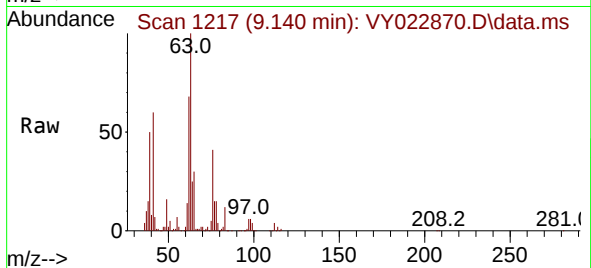
63 100

65 29.7 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#46

Dibromomethane

Concen: 46.483 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022870.D

Acq: 27 Jun 2025 18:49

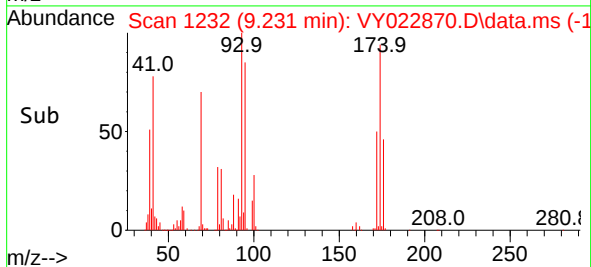
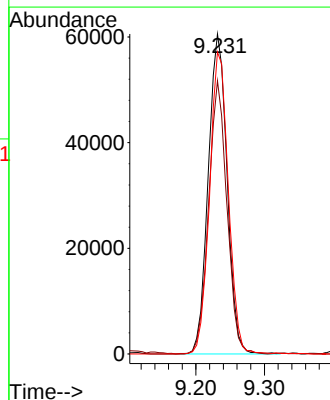
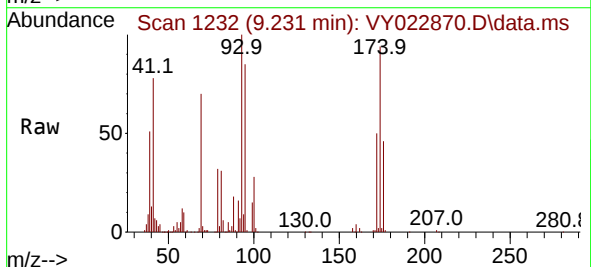
Tgt Ion: 93 Resp: 116008

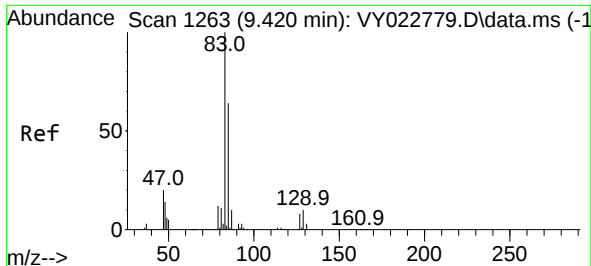
Ion Ratio Lower Upper

93 100

95 82.9 65.6 98.4

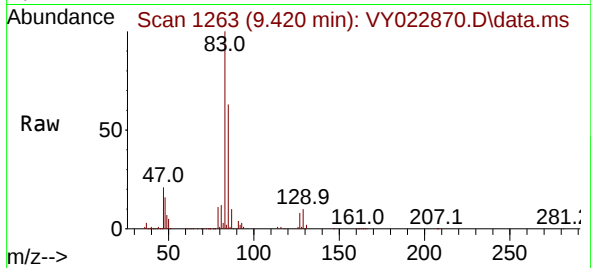
174 93.8 70.4 105.6





#47
Bromodichloromethane
Concen: 48.678 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

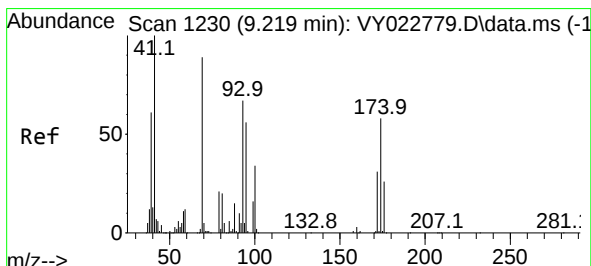
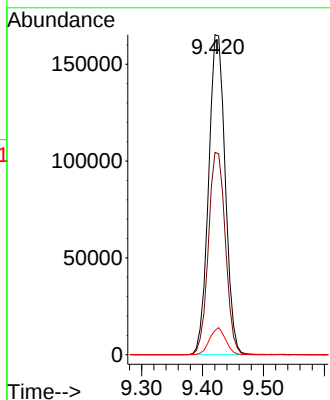
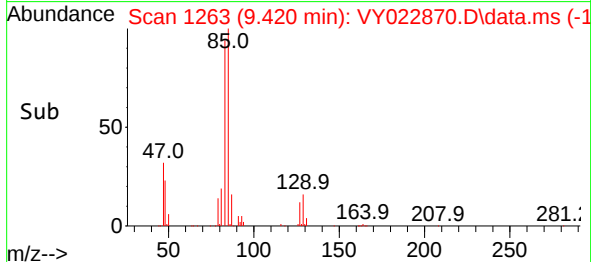
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



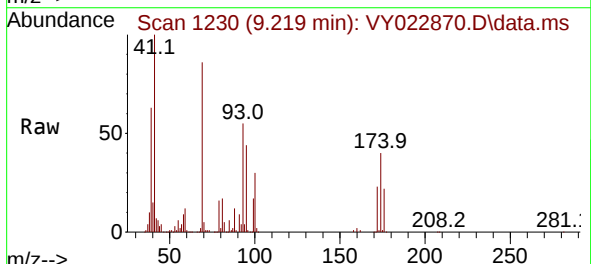
Tgt Ion: 83 Resp: 313272
Ion Ratio Lower Upper
83 100
85 63.2 49.1 73.7
127 7.6 6.2 9.4

Manual Integrations
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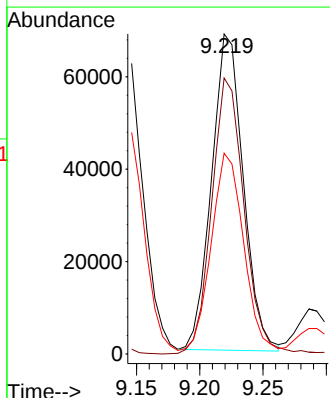
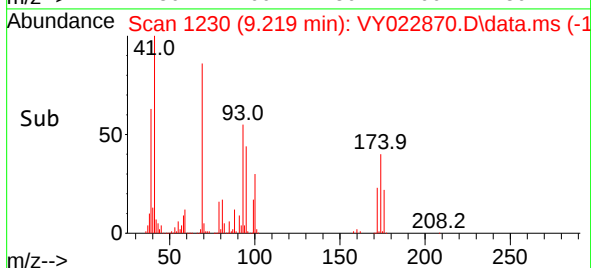
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

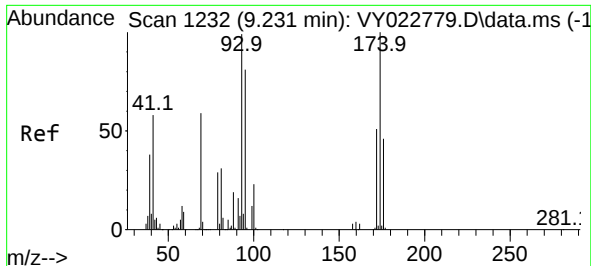


#48
Methyl methacrylate
Concen: 45.395 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49



Tgt Ion: 41 Resp: 119577
Ion Ratio Lower Upper
41 100
69 89.2 67.8 101.8
39 63.2 55.0 82.4





#49

1,4-Dioxane

Concen: 846.348 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.012 min

Lab File: VY022870.D

Acq: 27 Jun 2025 18:49

Instrument :

MSVOA_Y

ClientSampleId :

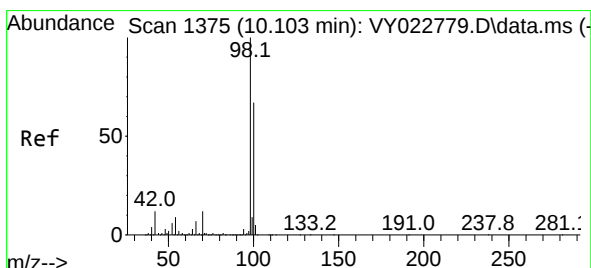
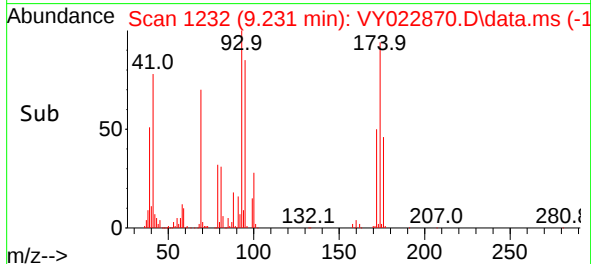
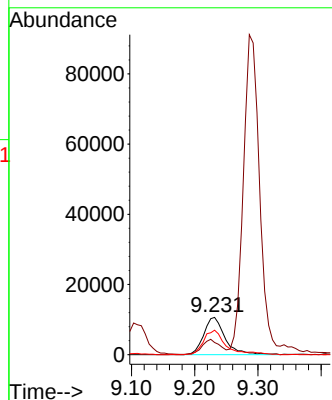
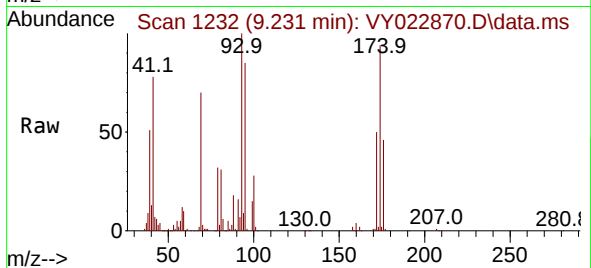
VSTDCCC050EC

Tgt Ion: 88	Resp: 2495
Ion Ratio	Lower Upper
88 100	
43 33.4	25.4 38.2
58 68.1	54.9 82.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#50

Toluene-d8

Concen: 51.334 ug/l

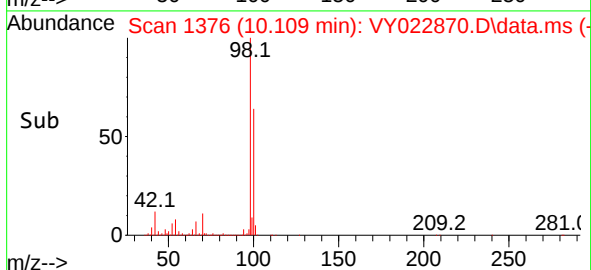
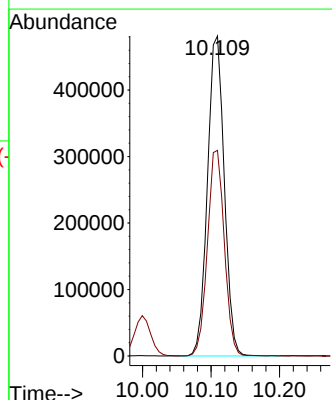
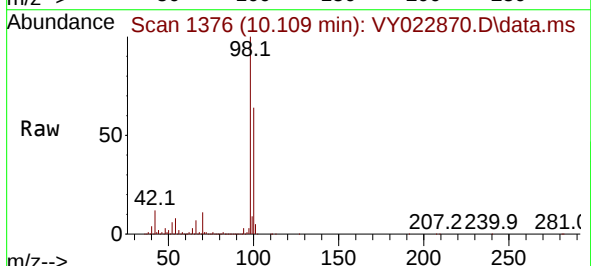
RT: 10.109 min Scan# 1376

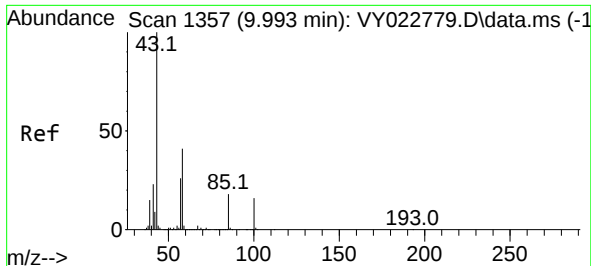
Delta R.T. 0.000 min

Lab File: VY022870.D

Acq: 27 Jun 2025 18:49

Tgt Ion: 98	Resp: 821061
Ion Ratio	Lower Upper
98 100	
100 64.6	51.4 77.0





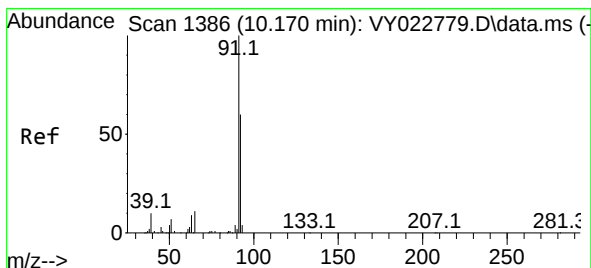
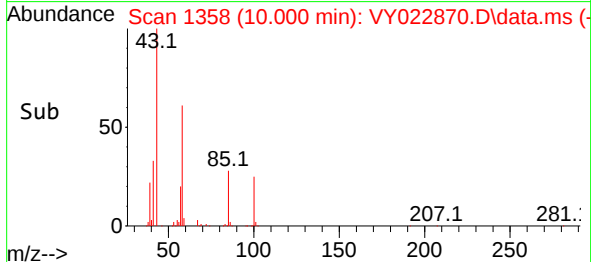
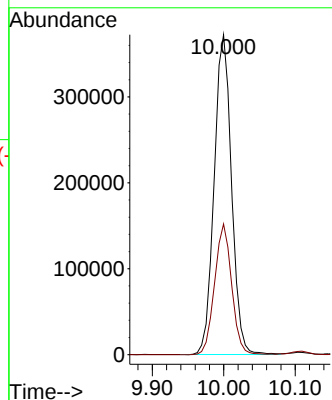
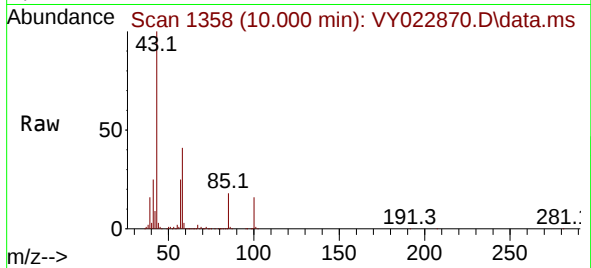
#51
4-Methyl-2-Pentanone
Concen: 225.585 ug/l
RT: 10.000 min Scan# 1357
Delta R.T. 0.000 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 62814
Ion Ratio Lower Upper
43 100
58 40.1 30.4 45.6

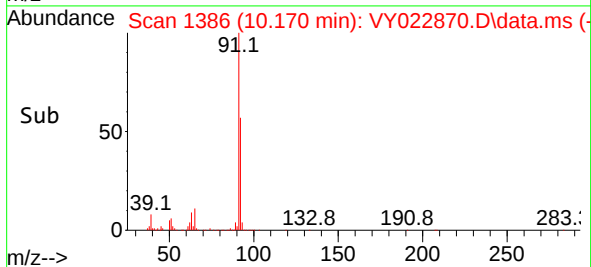
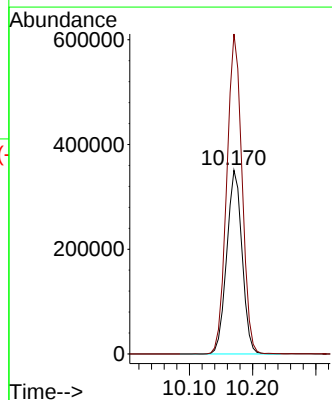
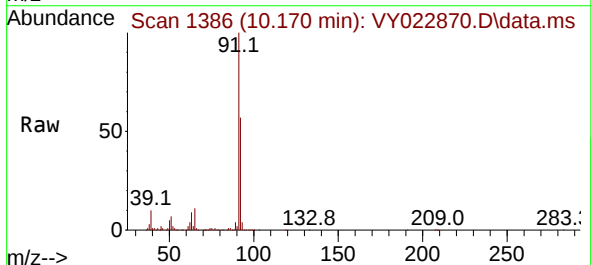
Manual Integrations
APPROVED

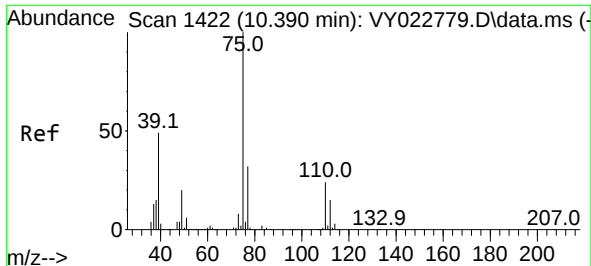
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#52
Toluene
Concen: 49.669 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

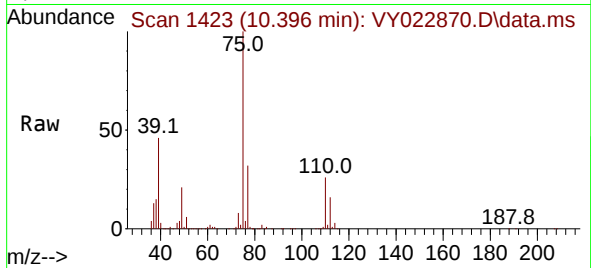
Tgt Ion: 92 Resp: 588606
Ion Ratio Lower Upper
92 100
91 173.1 139.0 208.4





#53
t-1,3-Dichloropropene
Concen: 46.247 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

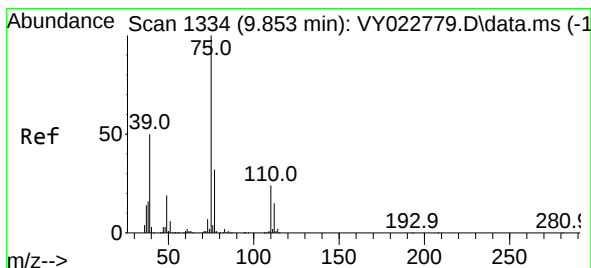
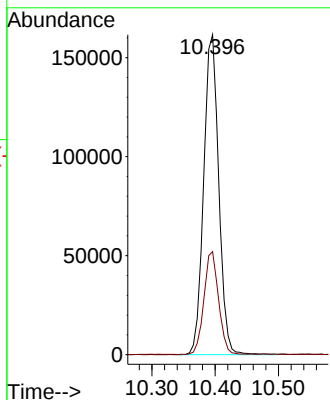
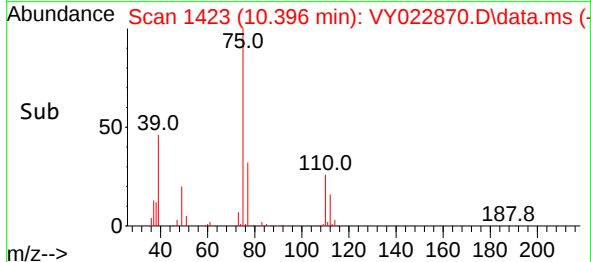
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 26778
Ion Ratio Lower Upper
75 100
77 32.1 26.5 39.7

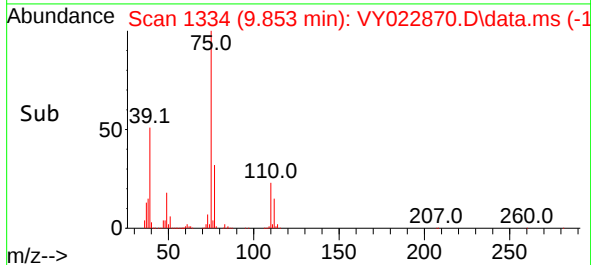
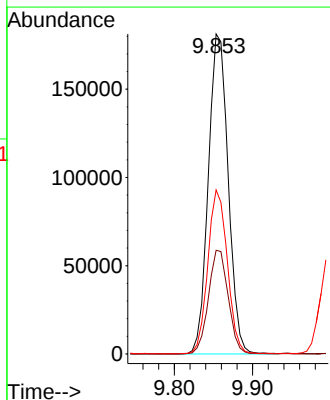
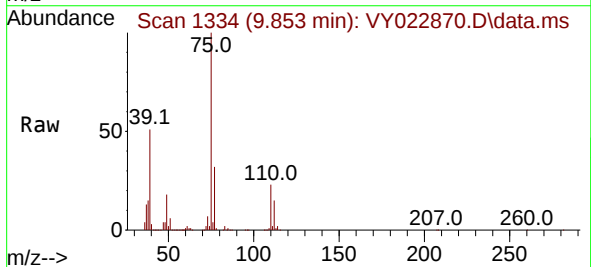
Manual Integrations
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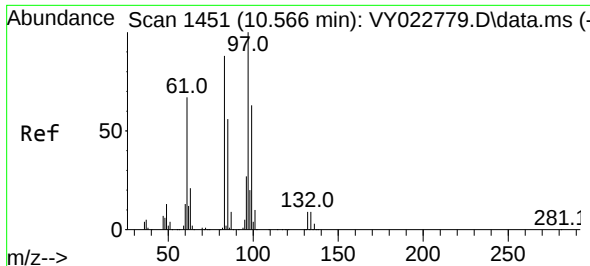
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#54
cis-1,3-Dichloropropene
Concen: 47.570 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

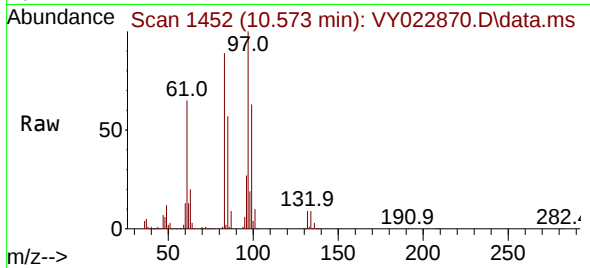
Tgt Ion: 75 Resp: 319373
Ion Ratio Lower Upper
75 100
77 32.4 25.3 37.9
39 51.2 42.7 64.1





#55
1,1,2-Trichloroethane
Concen: 47.318 ug/l
RT: 10.573 min Scan# 1451
Delta R.T. 0.000 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

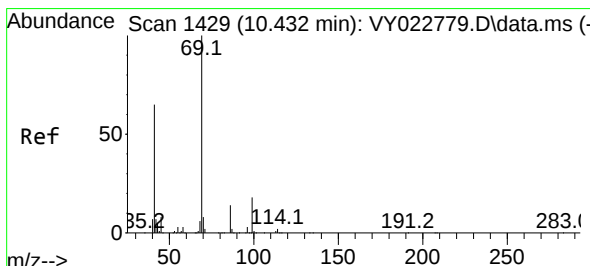
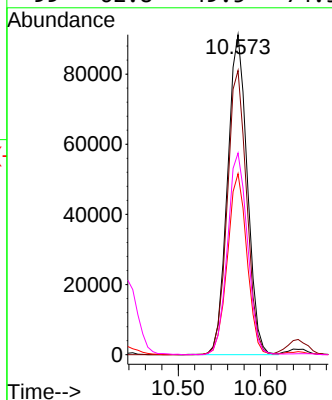
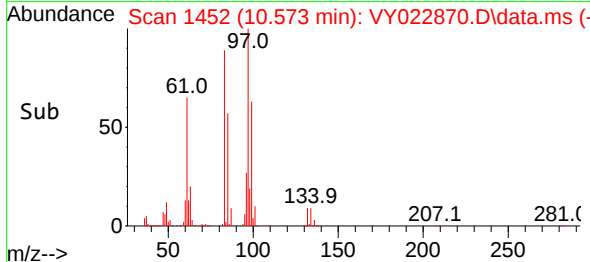
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



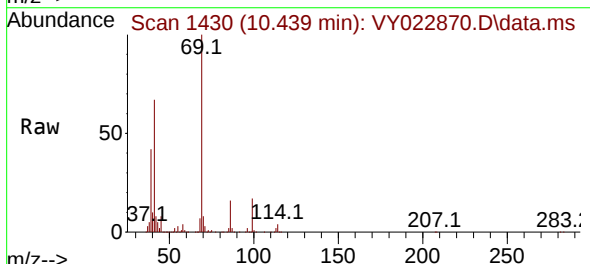
Tgt Ion: 97 Resp: 152914
Ion Ratio Lower Upper
97 100
83 88.8 68.1 102.1
85 56.5 48.2 72.2
99 62.8 49.5 74.3

Manual Integrations
APPROVED

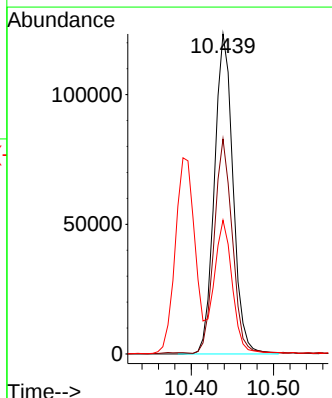
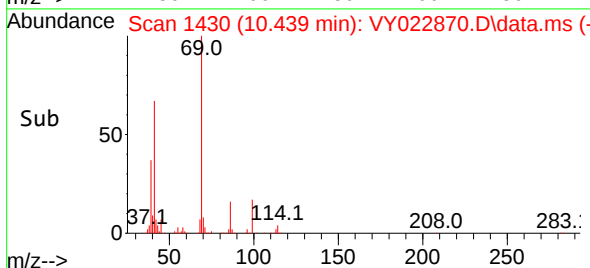
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

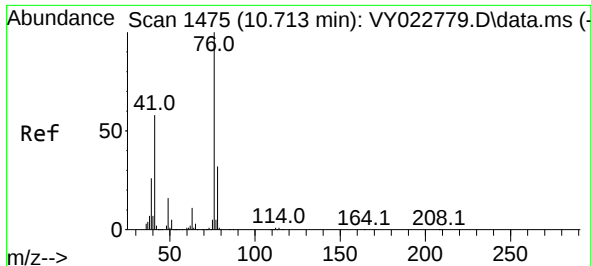


#56
Ethyl methacrylate
Concen: 44.670 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49



Tgt Ion: 69 Resp: 194219
Ion Ratio Lower Upper
69 100
41 65.2 52.2 78.2
39 40.8 36.7 55.1





#57

1,3-Dichloropropane

Concen: 47.767 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY022870.D

Acq: 27 Jun 2025 18:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 26932

Ion Ratio Lower Upper

76 100

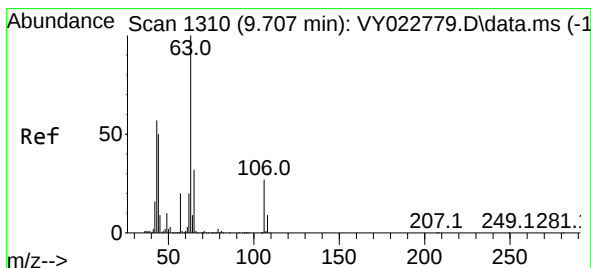
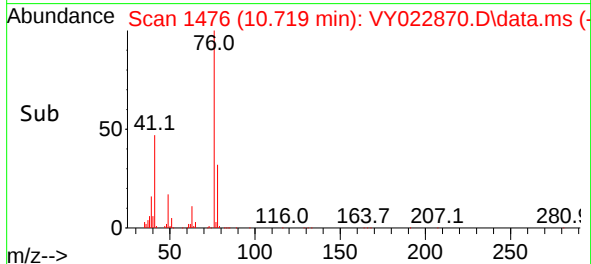
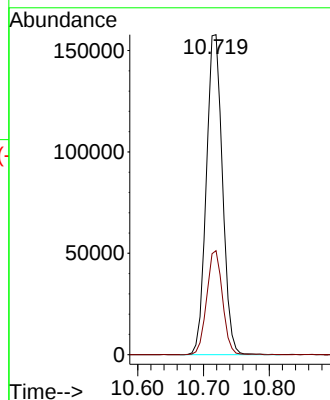
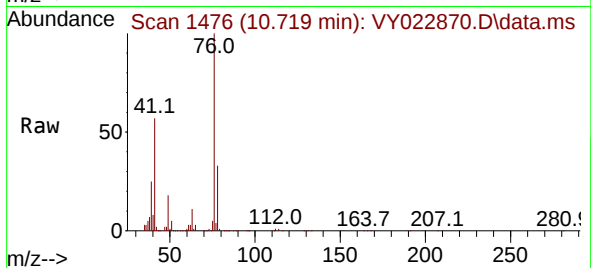
78 31.8 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025

Supervised By :Semsettin Yesilyurt 06/30/2025



#58

2-Chloroethyl Vinyl ether

Concen: 229.646 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY022870.D

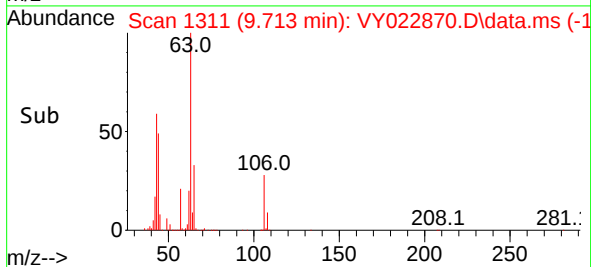
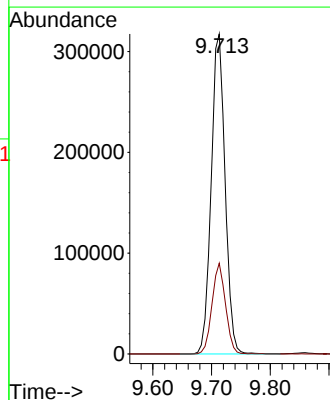
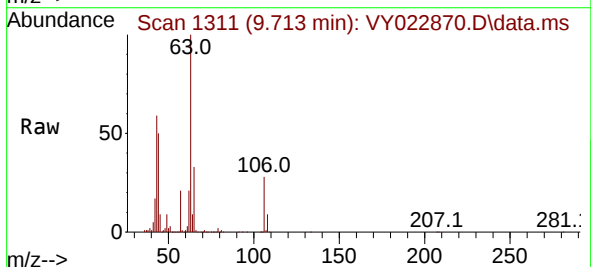
Acq: 27 Jun 2025 18:49

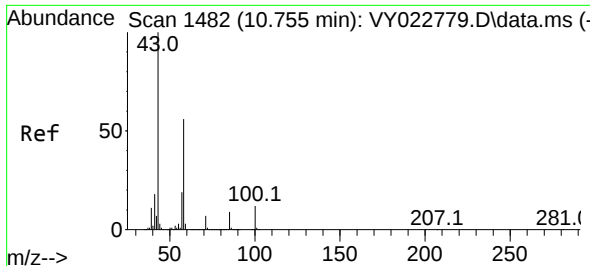
Tgt Ion: 63 Resp: 521669

Ion Ratio Lower Upper

63 100

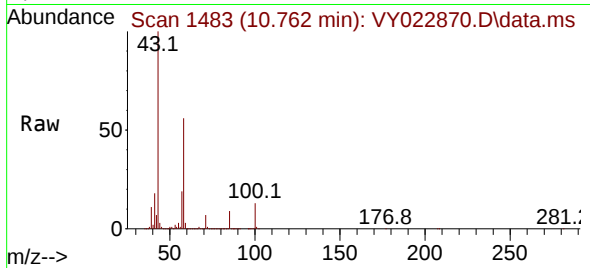
106 27.5 21.6 32.4





#59
2-Hexanone
Concen: 213.709 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

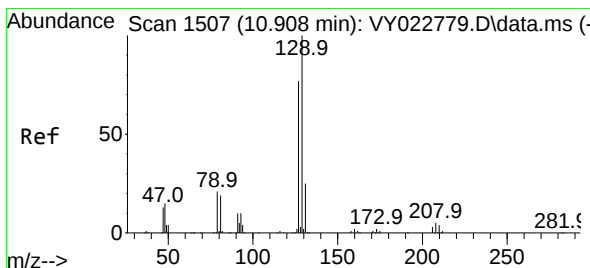
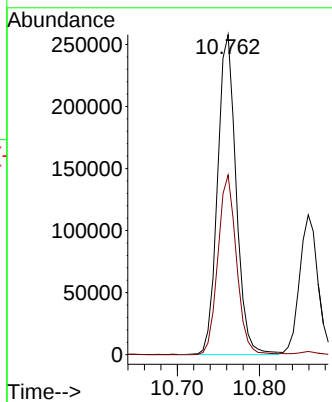
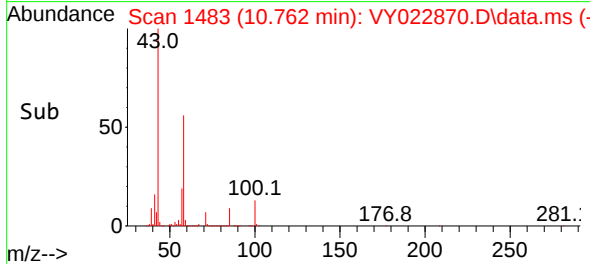
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 404578
Ion Ratio Lower Upper
43 100
58 56.2 27.3 81.8

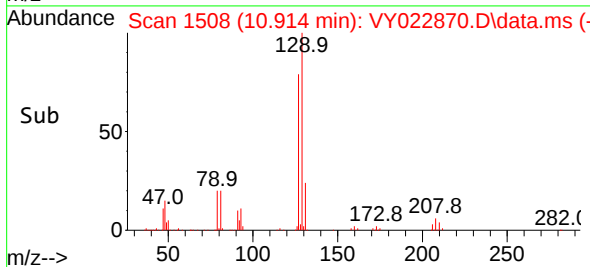
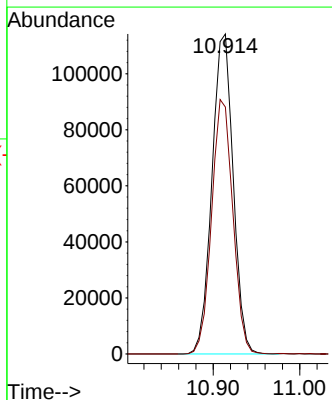
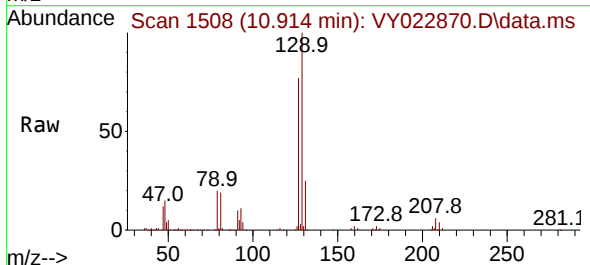
Manual Integrations
APPROVED

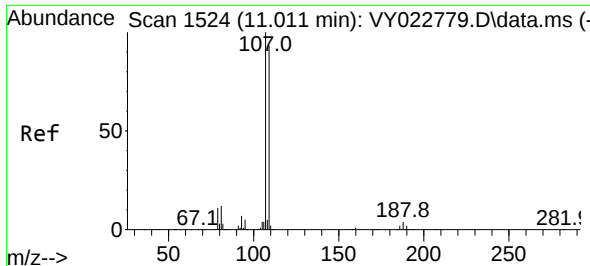
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#60
Dibromochloromethane
Concen: 46.600 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

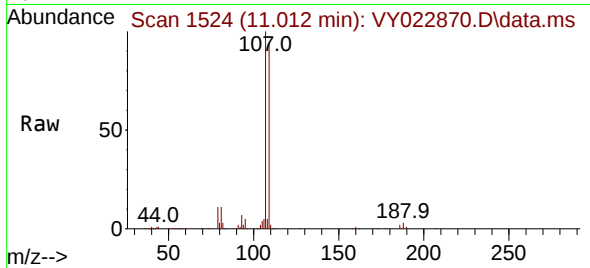
Tgt Ion:129 Resp: 194518
Ion Ratio Lower Upper
129 100
127 79.5 39.1 117.2





#61
1,2-Dibromoethane
Concen: 46.946 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

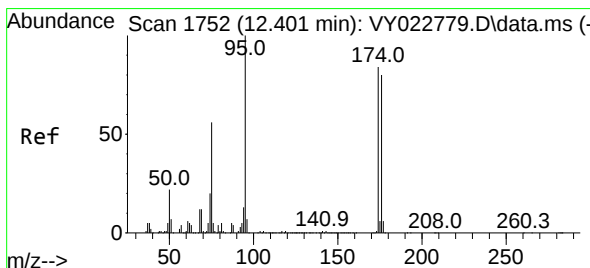
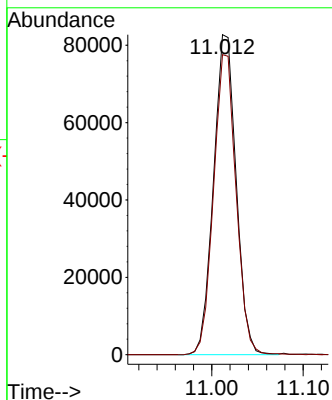
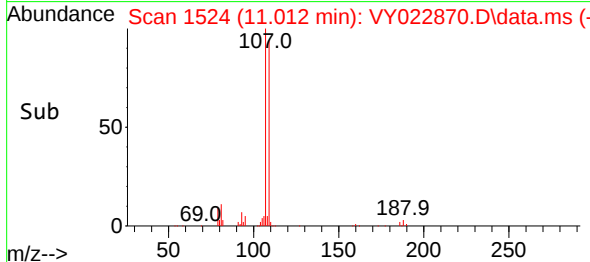
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



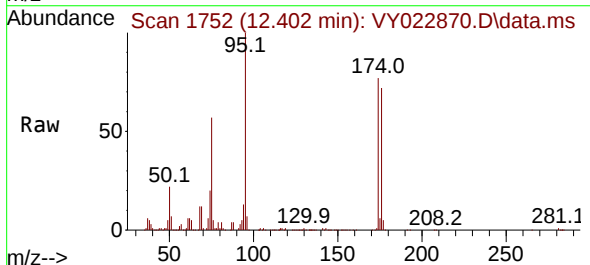
Tgt Ion:107 Resp: 141969
Ion Ratio Lower Upper
107 100
109 93.7 77.7 116.5

Manual Integrations
APPROVED

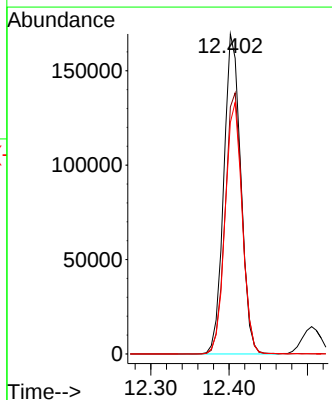
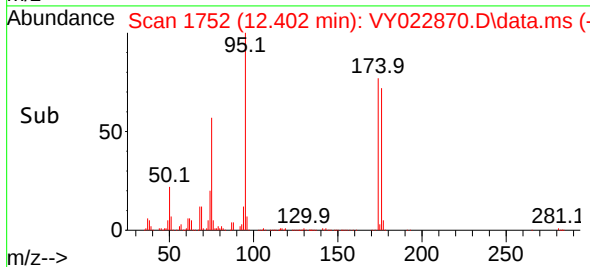
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

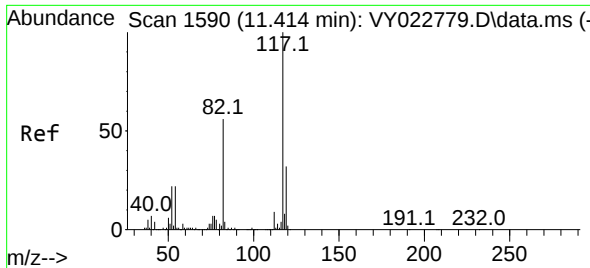


#62
4-Bromofluorobenzene
Concen: 49.817 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49



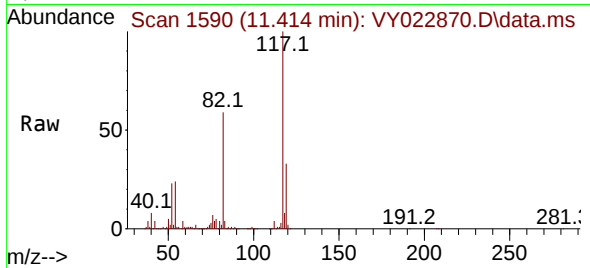
Tgt Ion: 95 Resp: 256147
Ion Ratio Lower Upper
95 100
174 82.1 0.0 170.0
176 79.0 0.0 166.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

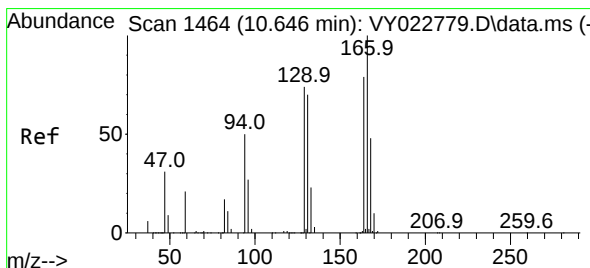
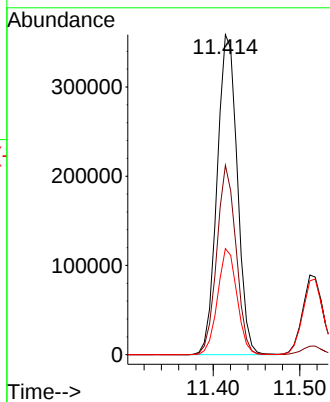
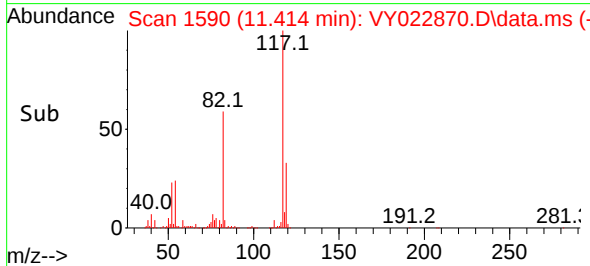
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 58060
Ion Ratio Lower Upper
117 100
82 59.2 44.6 66.8
119 33.1 25.4 38.0

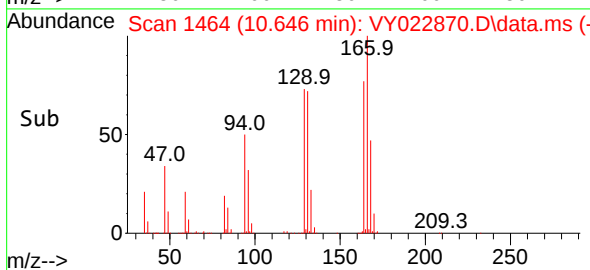
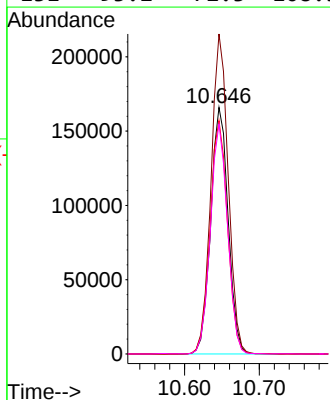
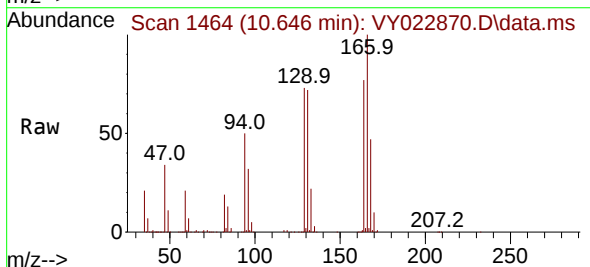
Manual Integrations
APPROVED

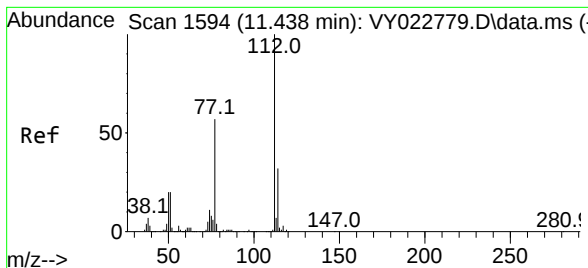
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#64
Tetrachloroethene
Concen: 49.159 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

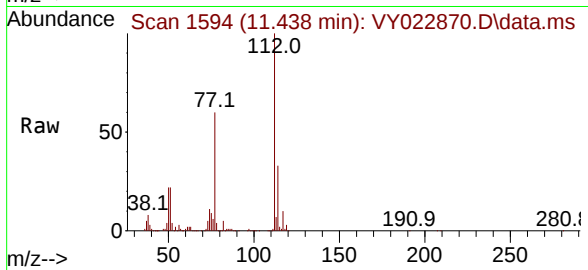
Tgt Ion:164 Resp: 269634
Ion Ratio Lower Upper
164 100
166 129.8 104.0 156.0
129 94.6 74.5 111.7
131 93.2 72.3 108.5





#65
Chlorobenzene
Concen: 48.540 ug/l
RT: 11.438 min Scan# 111
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

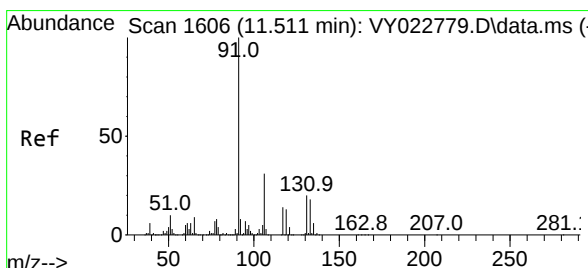
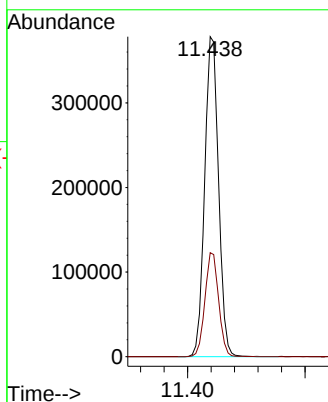
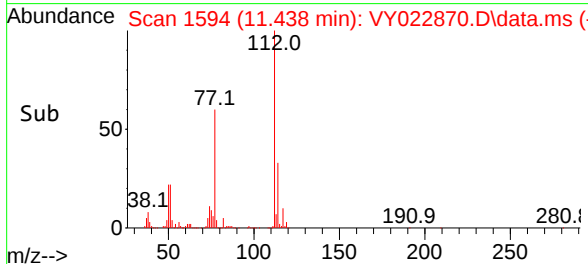
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



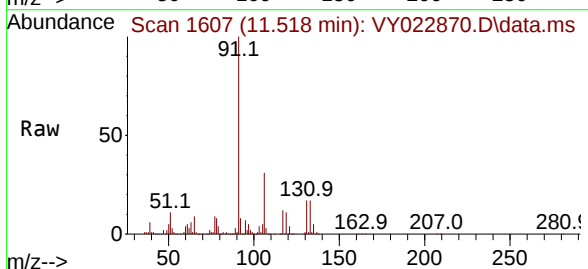
Tgt Ion:112 Resp: 61926
Ion Ratio Lower Upper
112 100
114 32.5 25.0 37.6

Manual Integrations
APPROVED

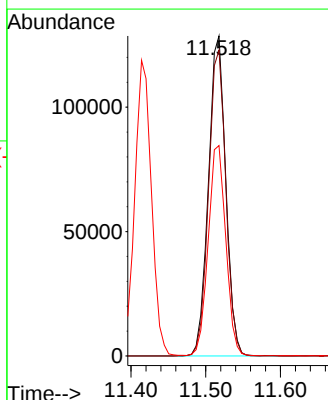
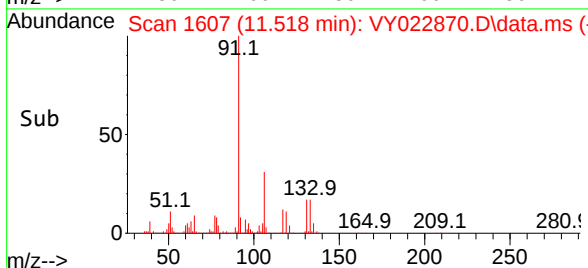
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

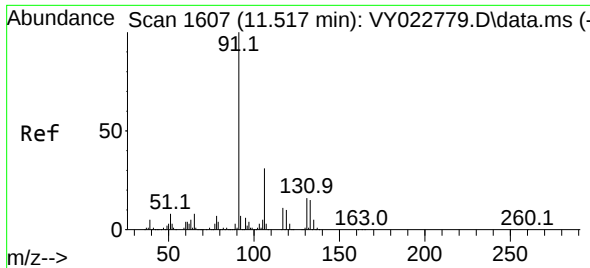


#66
1,1,1,2-Tetrachloroethane
Concen: 47.990 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49



Tgt Ion:131 Resp: 207370
Ion Ratio Lower Upper
131 100
133 95.1 47.3 141.8
119 66.8 33.1 99.3





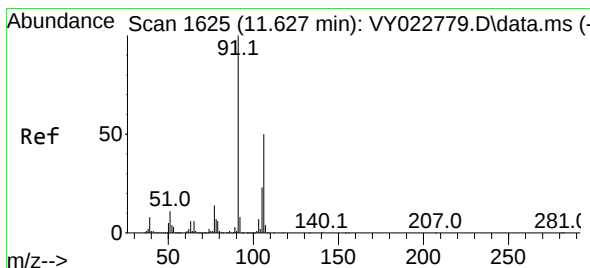
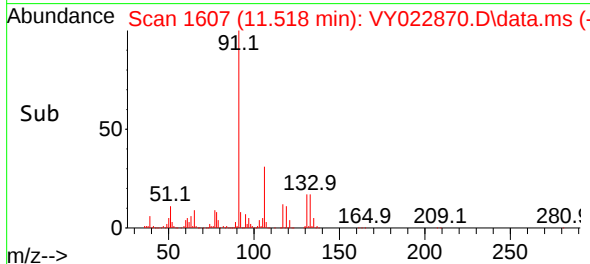
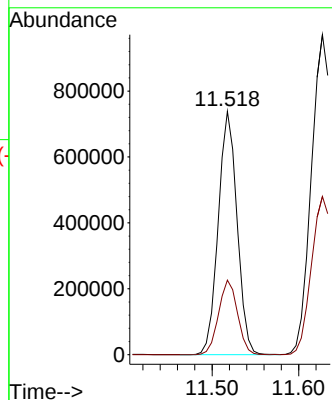
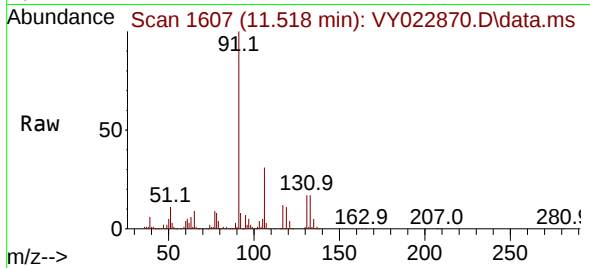
#67
Ethyl Benzene
Concen: 49.731 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1114724
Ion Ratio Lower Upper
91 100
106 30.6 24.2 36.4

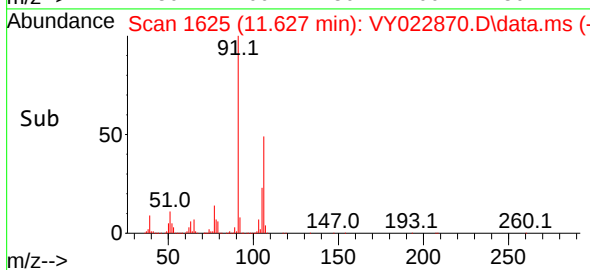
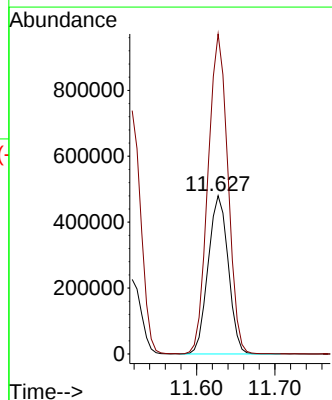
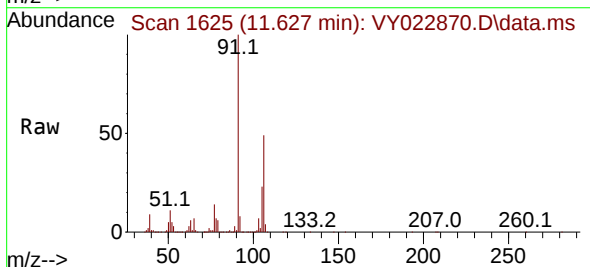
Manual Integrations
APPROVED

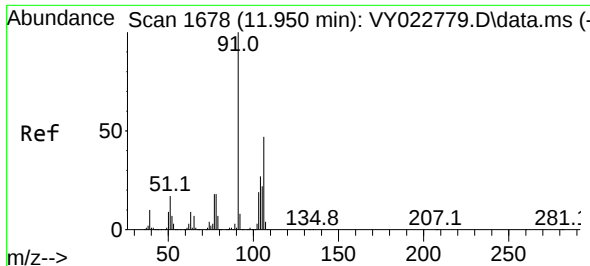
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#68
m/p-Xylenes
Concen: 98.686 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

Tgt Ion:106 Resp: 855101
Ion Ratio Lower Upper
106 100
91 200.3 159.4 239.0





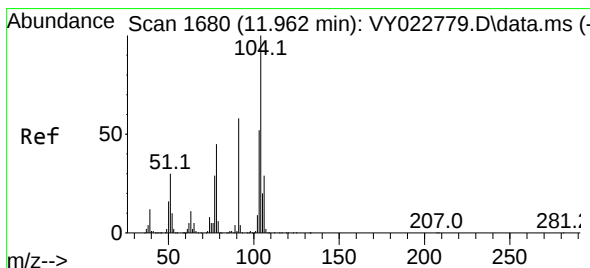
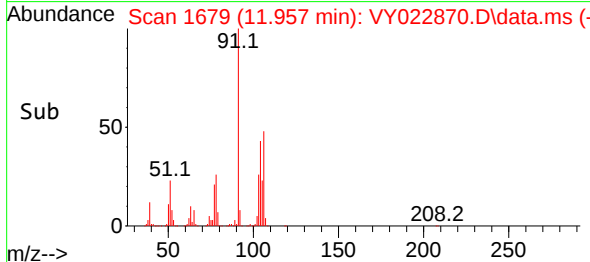
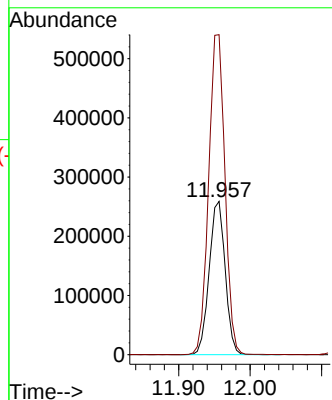
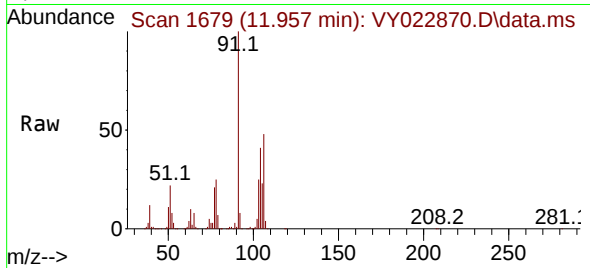
#69
o-Xylene
Concen: 49.277 ug/l
RT: 11.957 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 40232
Ion Ratio Lower Upper
106 100
91 212.5 105.8 317.3

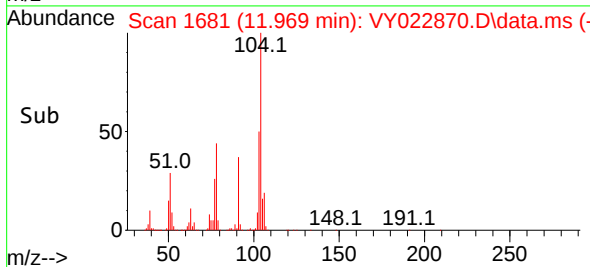
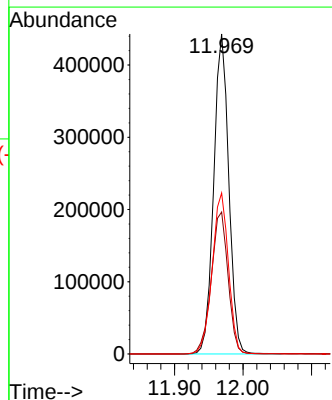
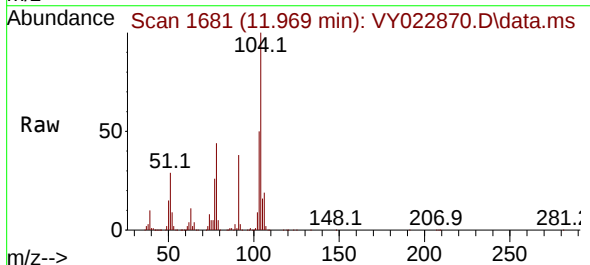
Manual Integrations
APPROVED

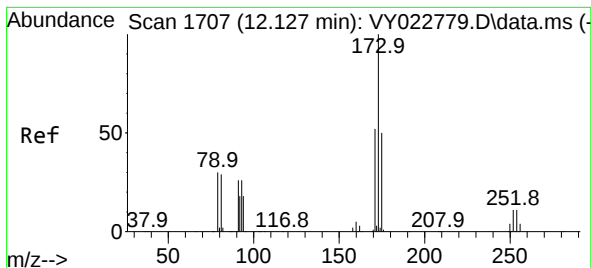
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#70
Styrene
Concen: 49.572 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

Tgt Ion:104 Resp: 677950
Ion Ratio Lower Upper
104 100
78 49.5 39.5 59.3
103 54.4 44.1 66.1





#71

Bromoform

Concen: 44.146 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022870.D

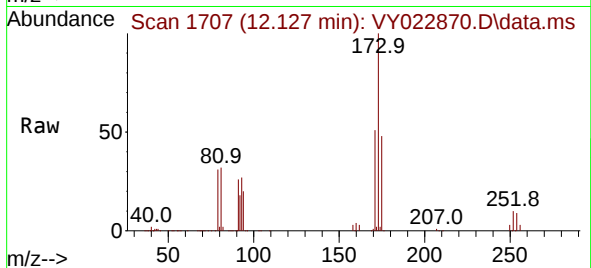
Acq: 27 Jun 2025 18:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion:173 Resp: 10621

Ion Ratio Lower Upper

173 100

175 49.1 23.8 71.5

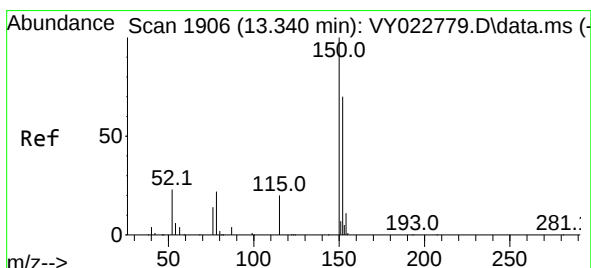
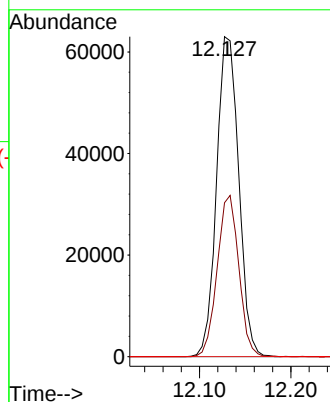
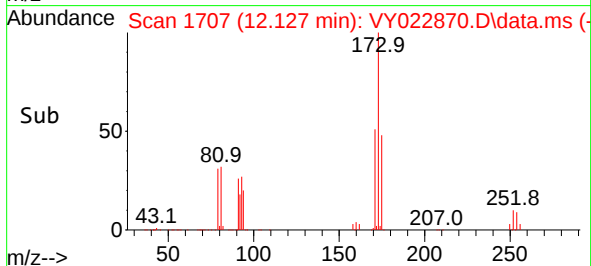
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025

Supervised By :Semsettin Yesilyurt 06/30/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY022870.D

Acq: 27 Jun 2025 18:49

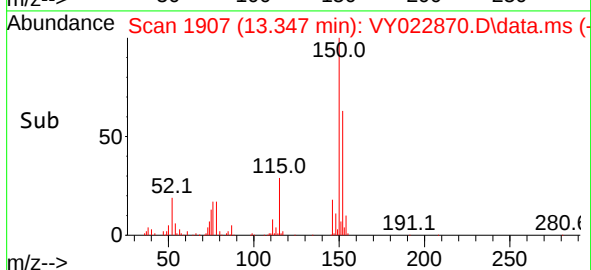
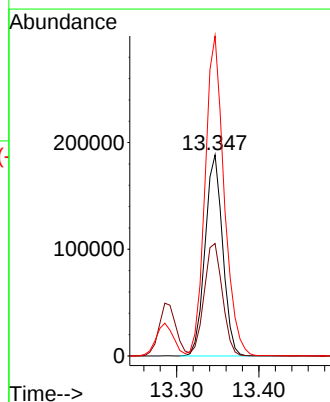
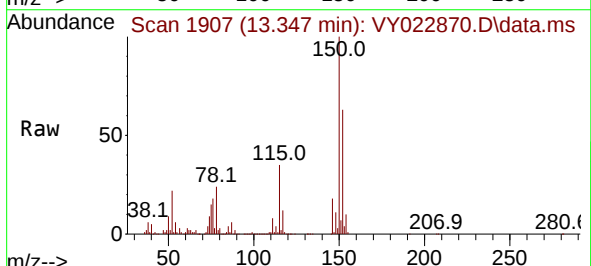
Tgt Ion:152 Resp: 280375

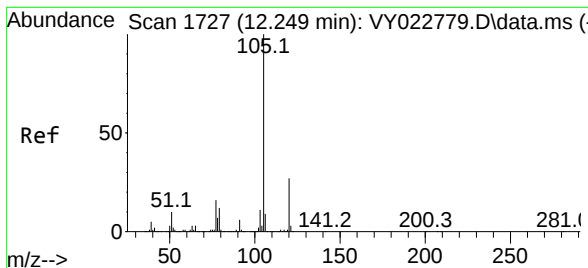
Ion Ratio Lower Upper

152 100

115 57.8 28.9 86.7

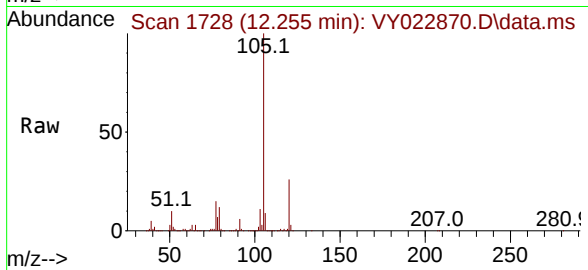
150 172.3 0.0 349.6





#73
Isopropylbenzene
Concen: 49.846 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

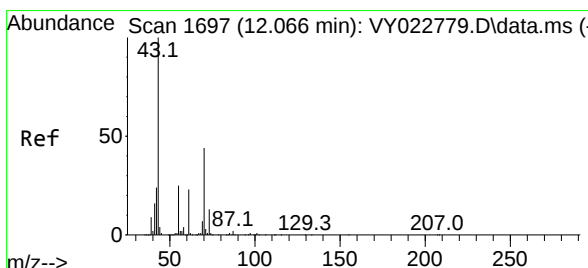
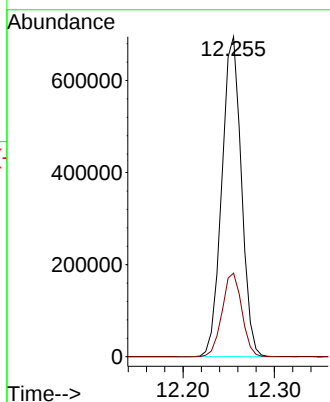
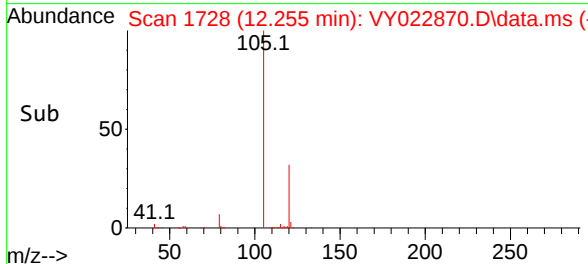
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



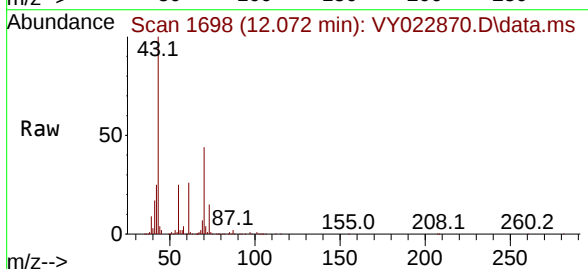
Tgt Ion:105 Resp: 1033584
Ion Ratio Lower Upper
105 100
120 26.4 13.0 38.9

Manual Integrations
APPROVED

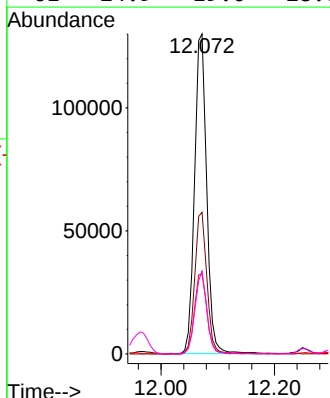
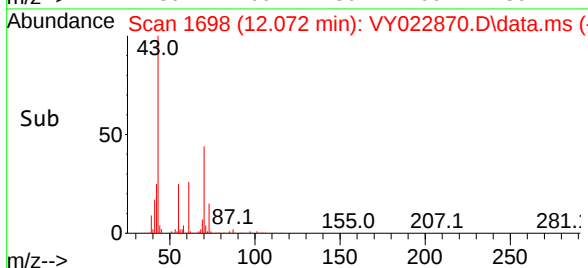
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

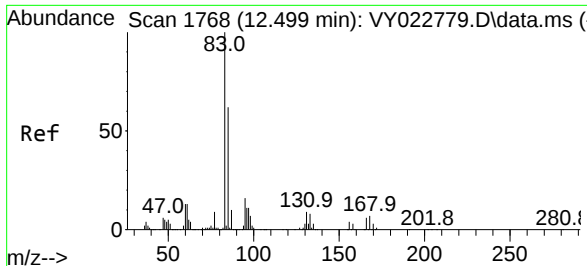


#74
N-ethyl acetate
Concen: 41.497 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49



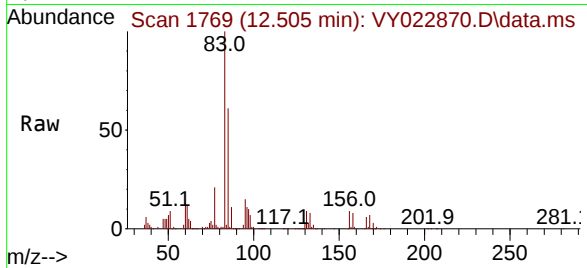
Tgt Ion: 43 Resp: 193144
Ion Ratio Lower Upper
43 100
70 44.4 34.2 51.2
55 26.1 18.2 27.4
61 24.9 19.0 28.6





#75
1,1,2,2-Tetrachloroethane
Concen: 44.281 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

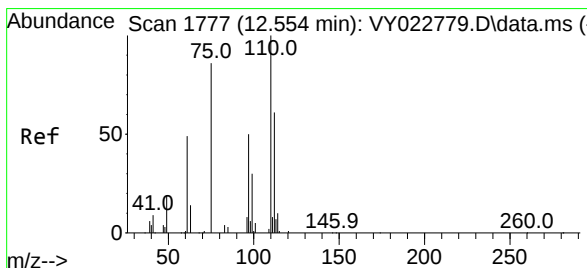
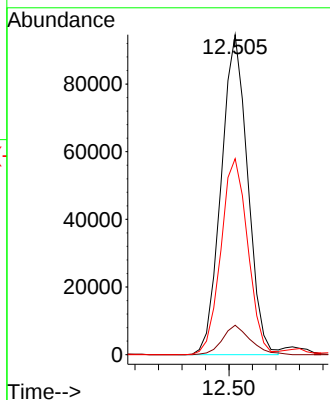
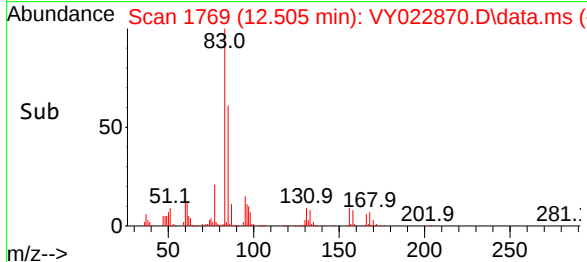
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



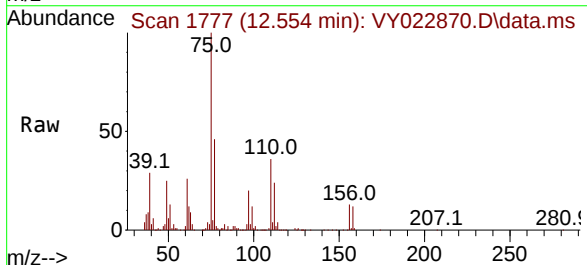
Tgt Ion: 83 Resp: 147983
Ion Ratio Lower Upper
83 100
131 9.7 4.9 14.7
85 62.3 32.6 97.8

Manual Integrations
APPROVED

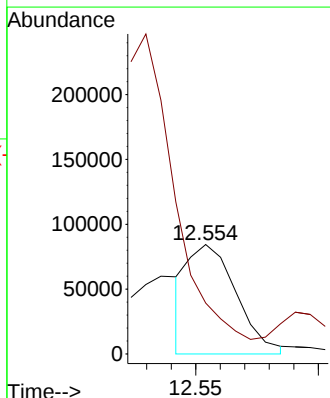
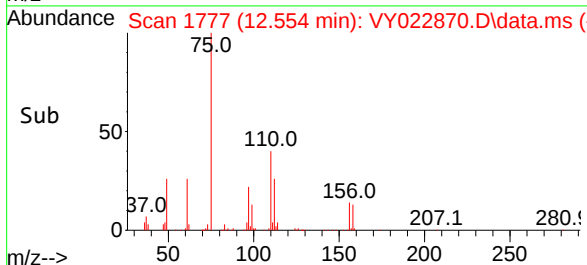
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

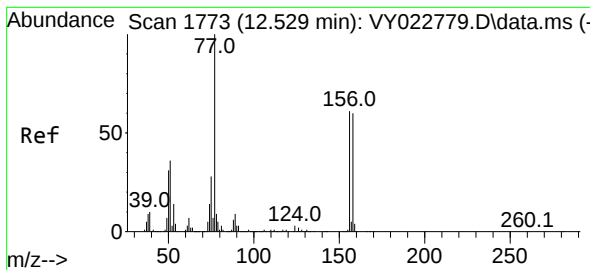


#76
1,2,3-Trichloropropane
Concen: 40.846 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49



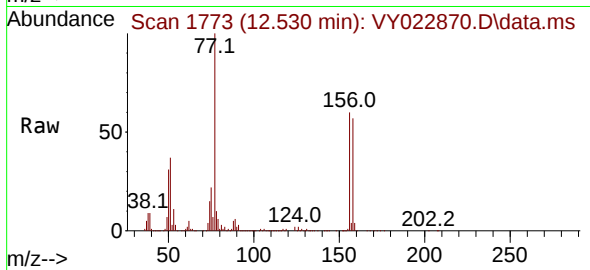
Tgt Ion: 75 Resp: 116918
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 48.115 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

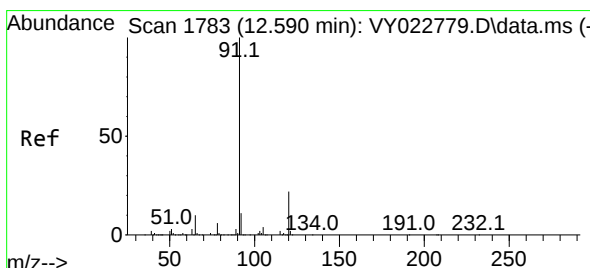
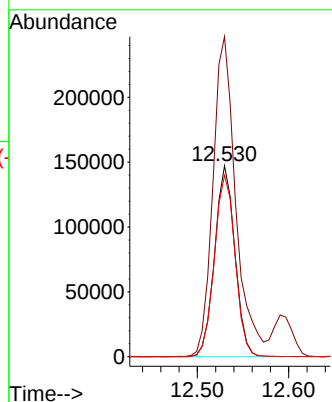
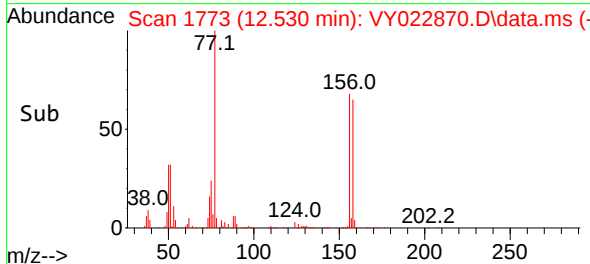
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



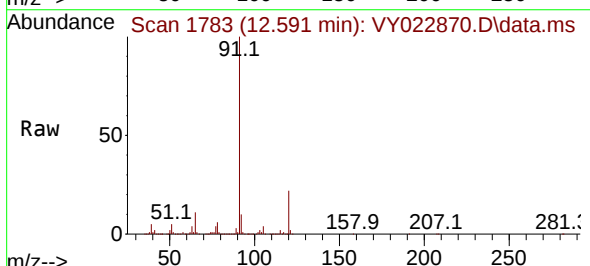
Tgt Ion:156 Resp: 226142
Ion Ratio Lower Upper
156 100
77 188.8 94.0 282.1
158 97.2 48.2 144.6

Manual Integrations
APPROVED

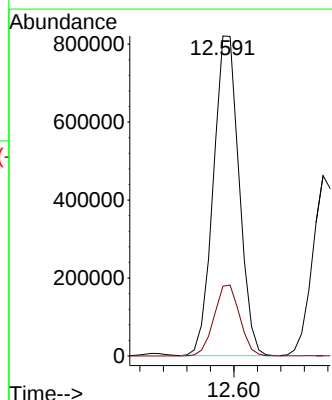
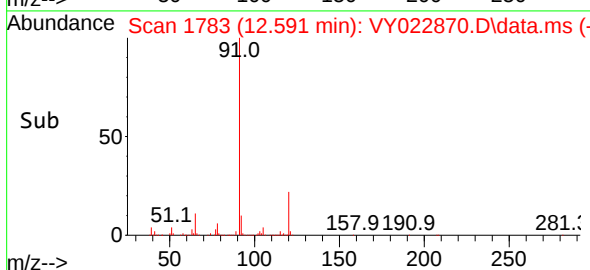
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

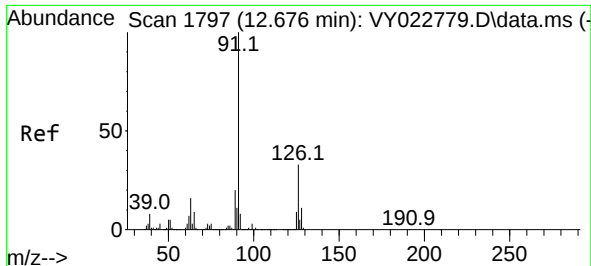


#78
n-propylbenzene
Concen: 49.700 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49



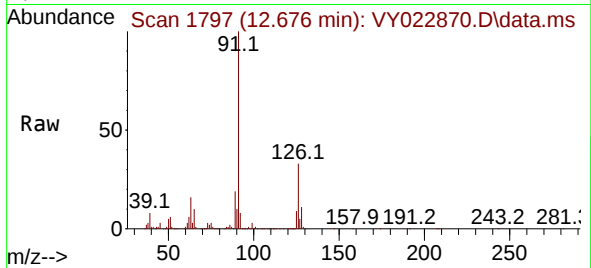
Tgt Ion: 91 Resp: 1244260
Ion Ratio Lower Upper
91 100
120 22.2 10.8 32.4





#79
2-Chlorotoluene
Concen: 49.938 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

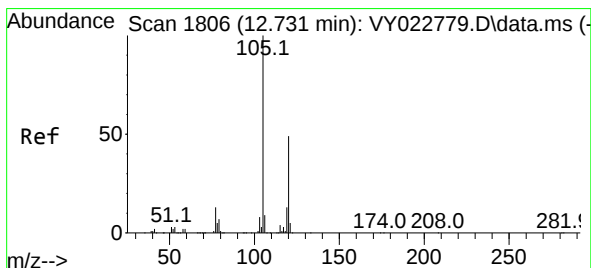
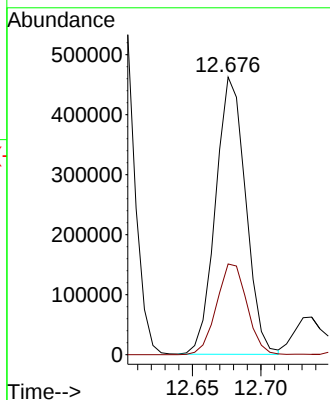
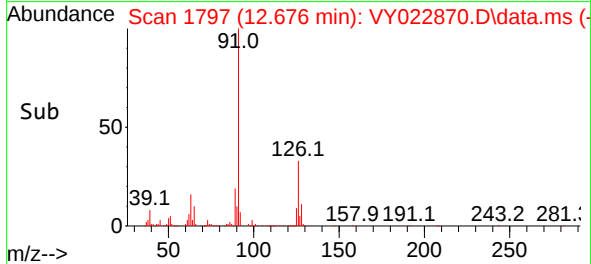
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



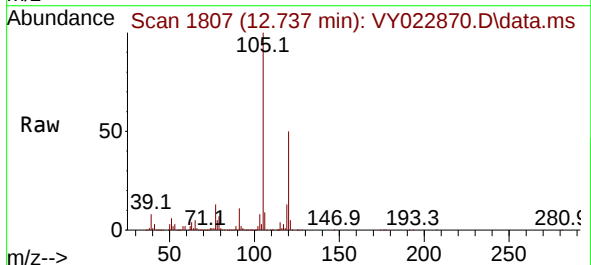
Tgt Ion: 91 Resp: 706358
Ion Ratio Lower Upper
91 100
126 33.2 17.0 51.0

Manual Integrations
APPROVED

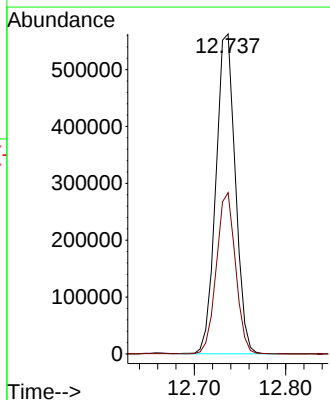
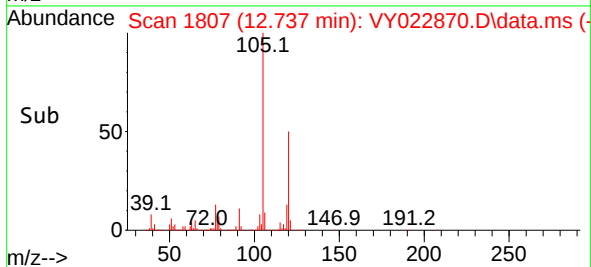
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

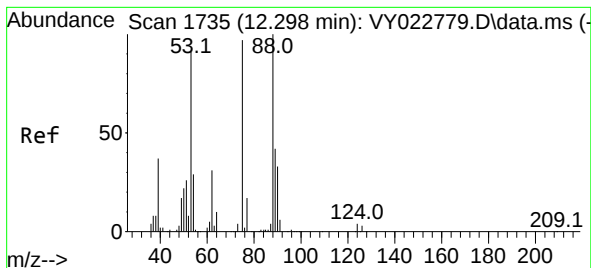


#80
1,3,5-Trimethylbenzene
Concen: 49.731 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49



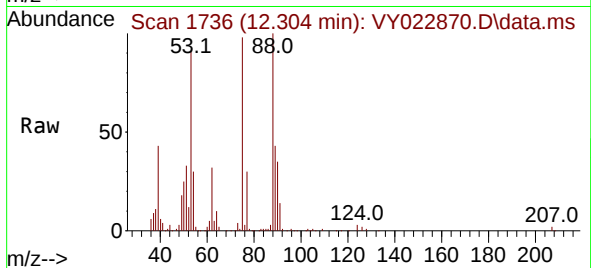
Tgt Ion:105 Resp: 832452
Ion Ratio Lower Upper
105 100
120 49.6 24.1 72.4





#81
trans-1,4-Dichloro-2-butene
Concen: 42.110 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

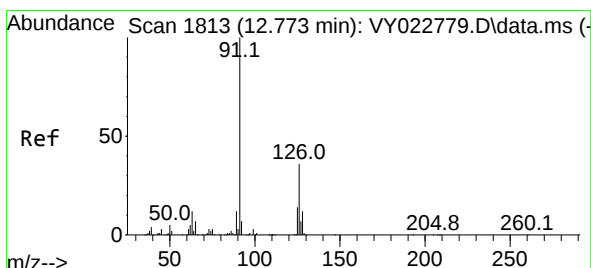
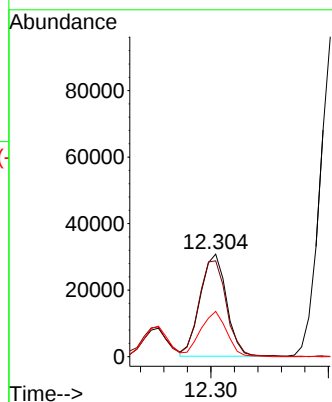
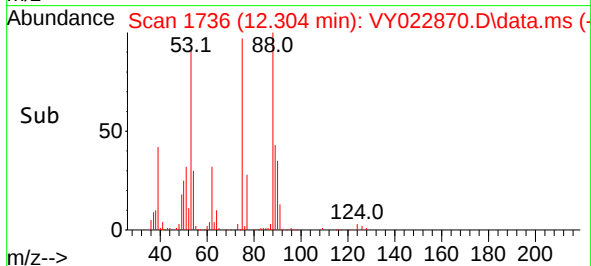
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 47710
Ion Ratio Lower Upper
75 100
53 98.0 78.5 117.7
89 44.4 35.7 53.5

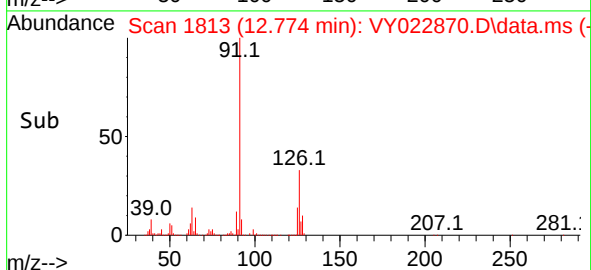
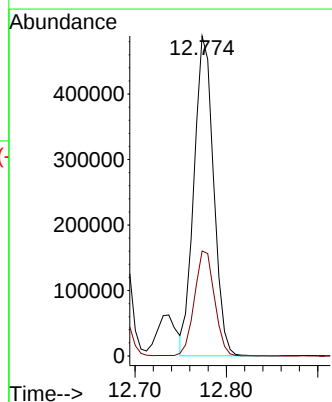
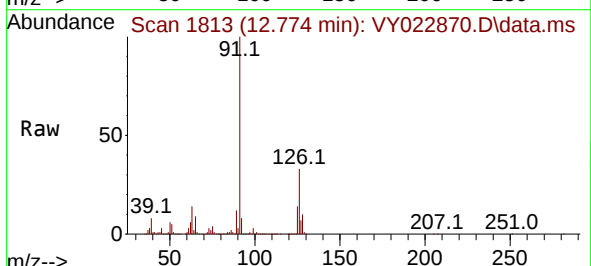
Manual Integrations
APPROVED

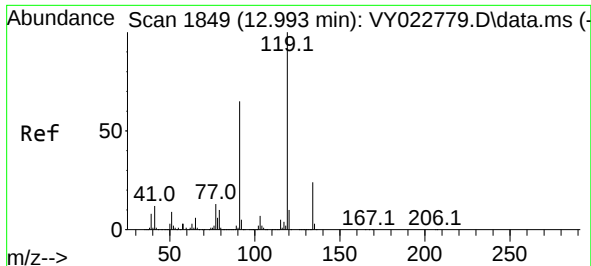
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#82
4-Chlorotoluene
Concen: 48.874 ug/l
RT: 12.774 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

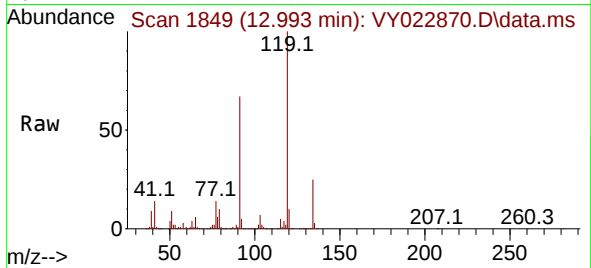
Tgt Ion: 91 Resp: 726133
Ion Ratio Lower Upper
91 100
126 33.7 17.0 50.9





#83
tert-Butylbenzene
Concen: 50.294 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

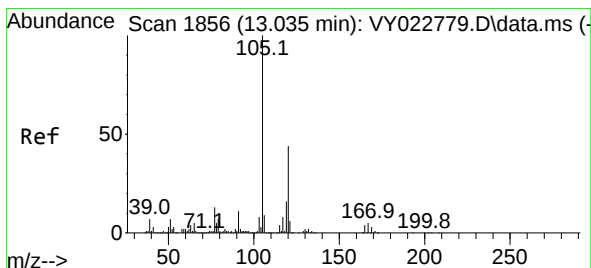
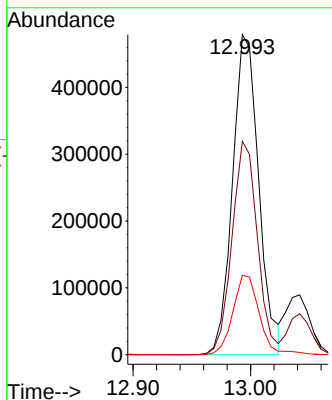
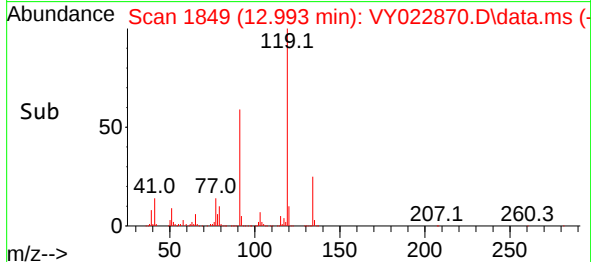
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



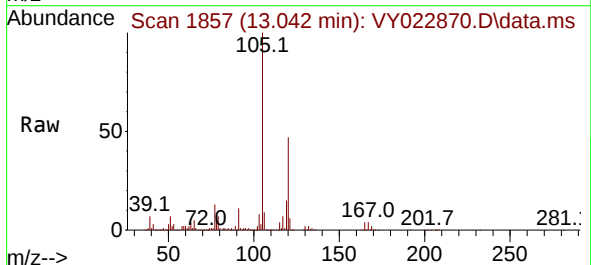
Tgt Ion:119 Resp: 742464
Ion Ratio Lower Upper
119 100
91 64.8 32.1 96.3
134 25.1 13.0 38.9

Manual Integrations
APPROVED

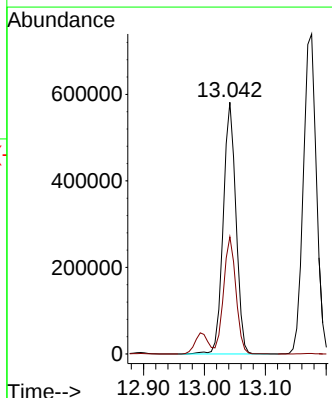
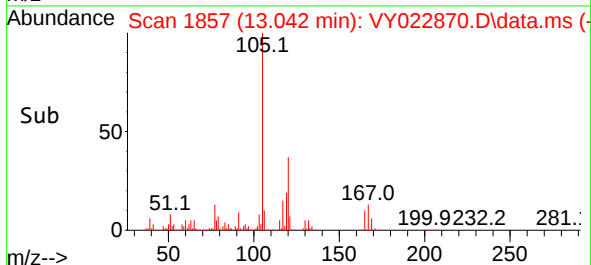
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

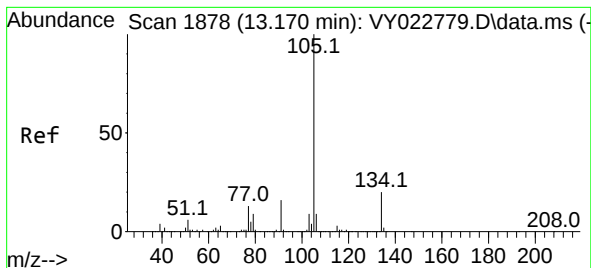


#84
1,2,4-Trimethylbenzene
Concen: 50.378 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49



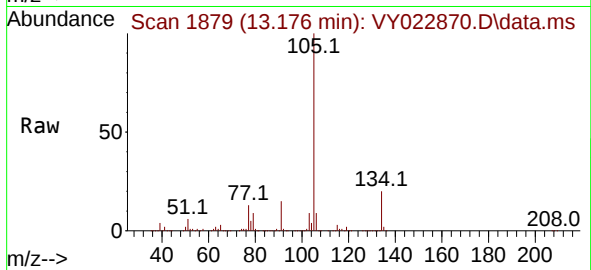
Tgt Ion:105 Resp: 844291
Ion Ratio Lower Upper
105 100
120 44.8 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 49.434 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.000 min
 Lab File: VY022870.D
 Acq: 27 Jun 2025 18:49

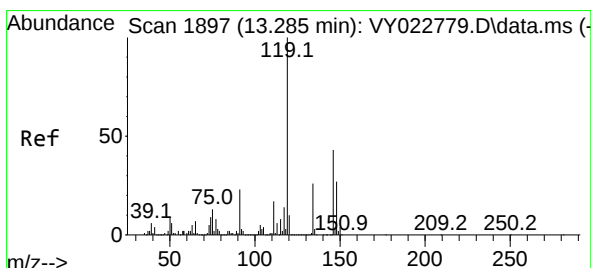
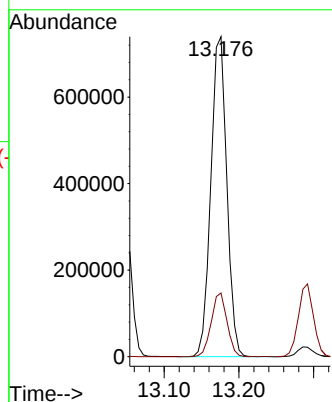
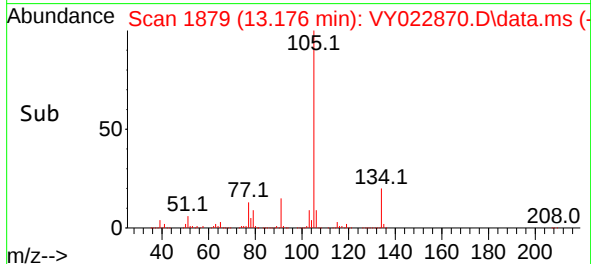
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



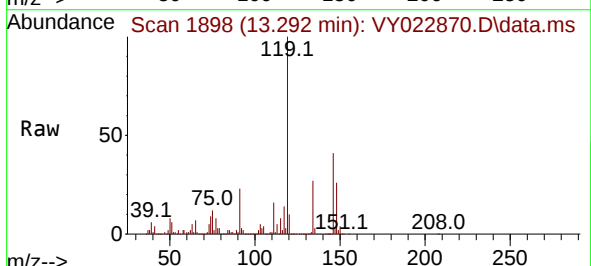
Tgt Ion:105 Resp: 1097999
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.7 28.9

Manual Integrations
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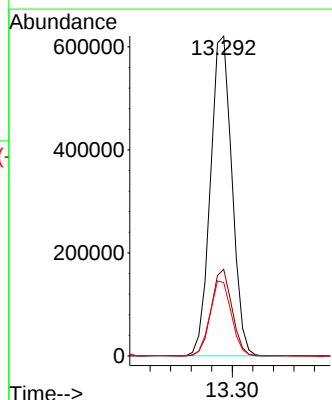
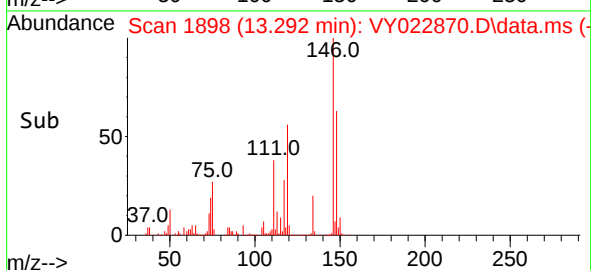
Reviewed By :Mahesh Dadoda 06/30/2025
 Supervised By :Semsettin Yesilyurt 06/30/2025

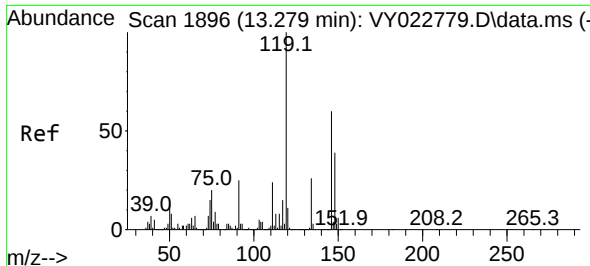


#86
 p-Isopropyltoluene
 Concen: 48.690 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY022870.D
 Acq: 27 Jun 2025 18:49



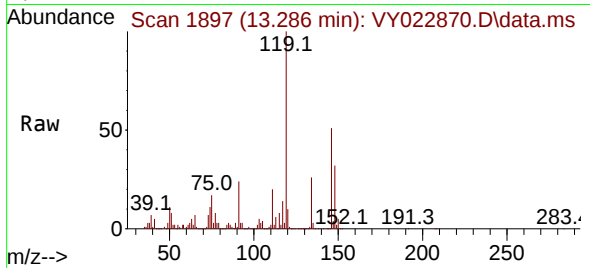
Tgt Ion:119 Resp: 899977
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.1
 91 23.4 11.6 34.8





#87
1,3-Dichlorobenzene
Concen: 48.286 ug/l
RT: 13.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

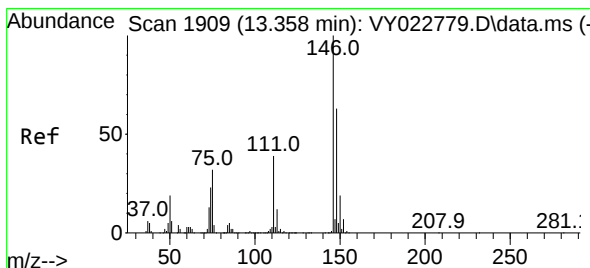
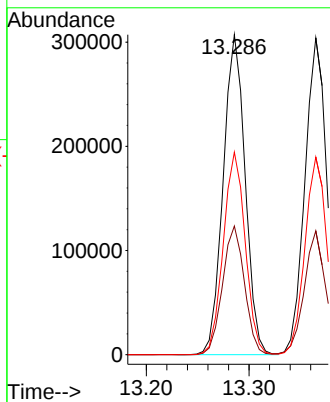
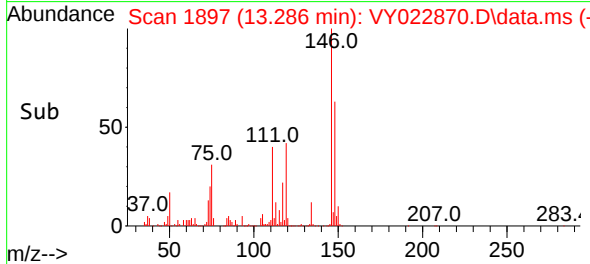
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 45578
Ion Ratio Lower Upper
146 100
111 40.1 20.1 60.2
148 63.2 32.1 96.3

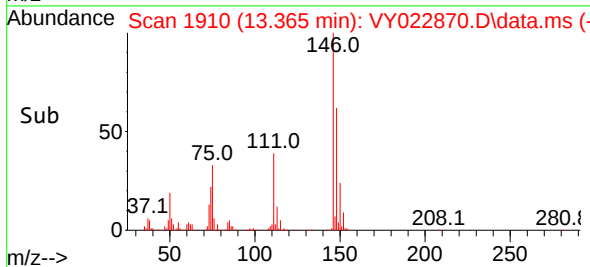
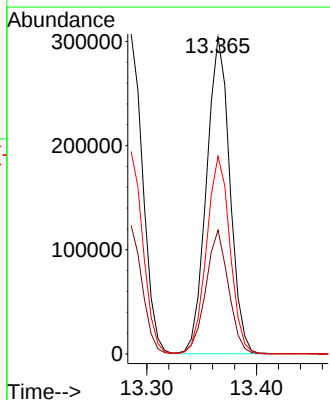
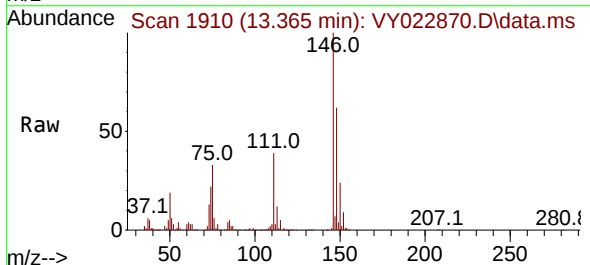
Manual Integrations
APPROVED

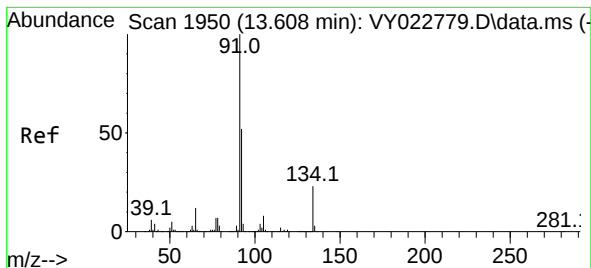
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#88
1,4-Dichlorobenzene
Concen: 47.935 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

Tgt Ion:146 Resp: 449463
Ion Ratio Lower Upper
146 100
111 38.1 19.4 58.2
148 62.7 31.6 94.8





#89

n-Butylbenzene

Concen: 47.970 ug/l

RT: 13.615 min Scan# 1950

Delta R.T. -0.006 min

Lab File: VY022870.D

Acq: 27 Jun 2025 18:49

Instrument :

MSVOA_Y

ClientSampleId :

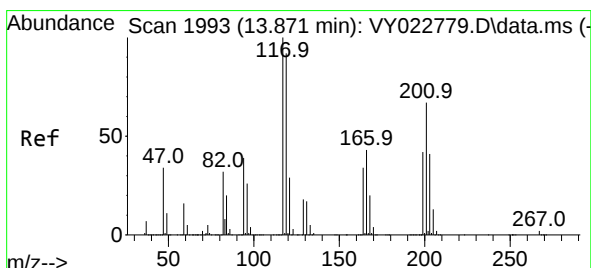
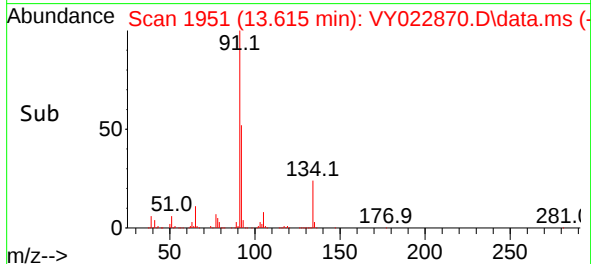
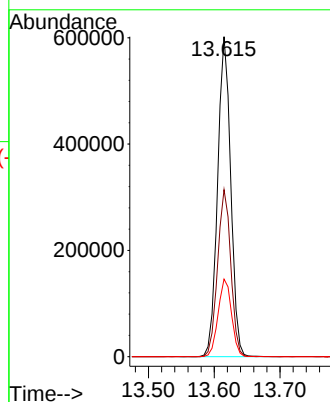
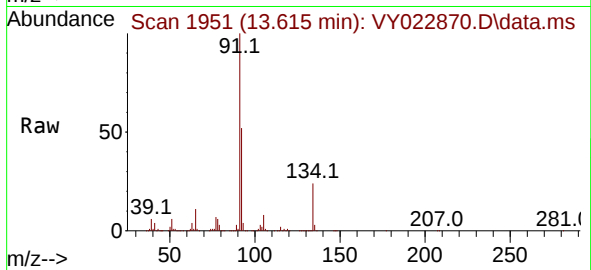
VSTDCCC050EC

Tgt Ion: 91	Resp: 83403
Ion Ratio	Lower Upper
91	100
92	52.8 25.9 77.8
134	24.9 12.0 36.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#90

Hexachloroethane

Concen: 49.031 ug/l

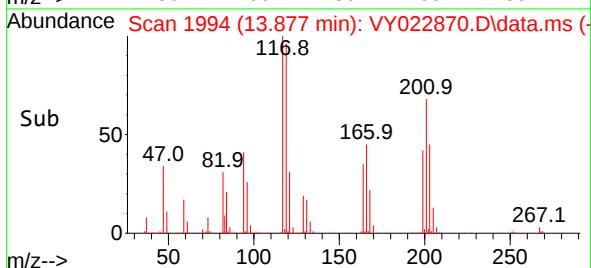
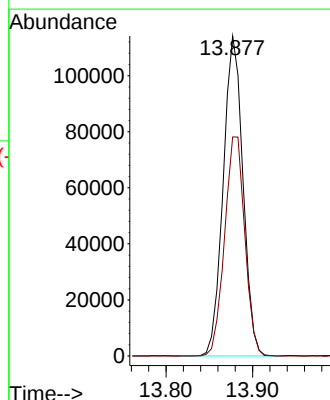
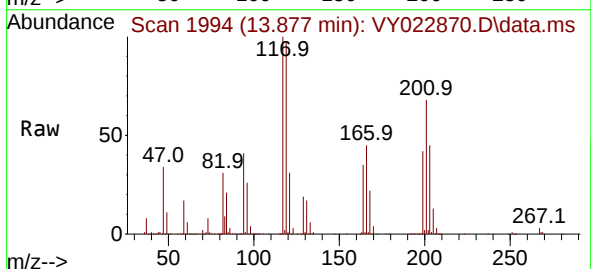
RT: 13.877 min Scan# 1994

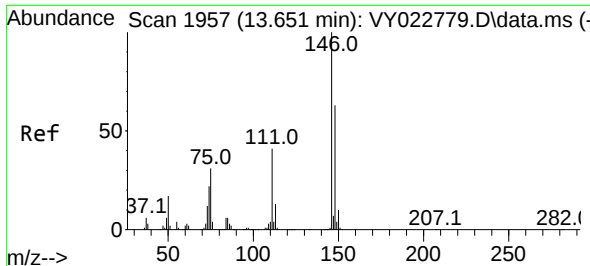
Delta R.T. -0.006 min

Lab File: VY022870.D

Acq: 27 Jun 2025 18:49

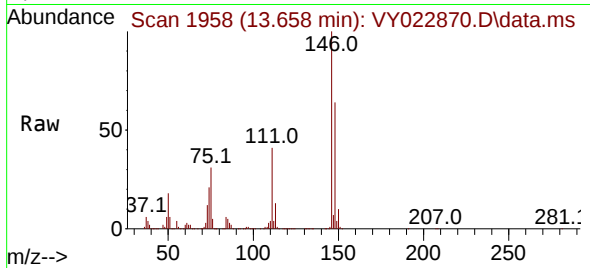
Tgt Ion:117	Resp: 180506
Ion Ratio	Lower Upper
117	100
201	70.3 34.0 102.0





#91
1,2-Dichlorobenzene
Concen: 46.958 ug/l
RT: 13.658 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

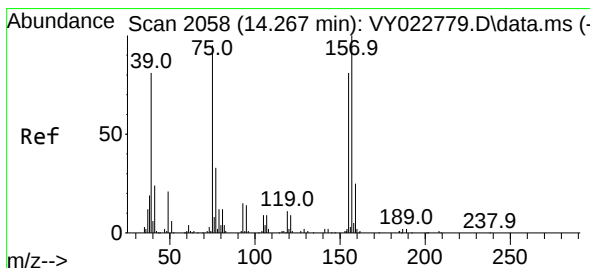
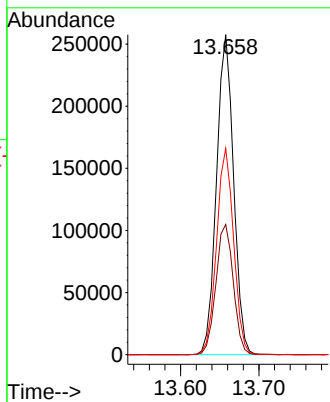
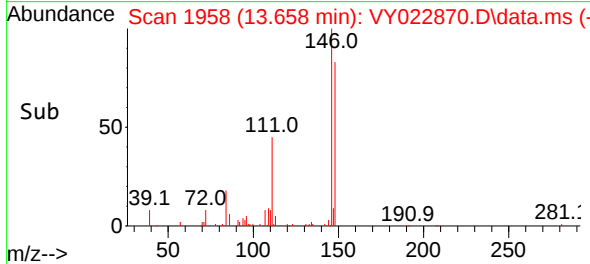
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



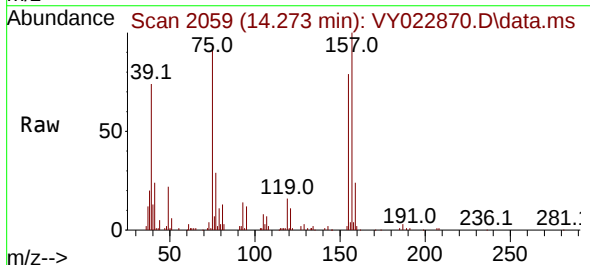
Tgt Ion:146 Resp: 390618
Ion Ratio Lower Upper
146 100
111 41.6 20.2 60.6
148 64.4 31.4 94.0

Manual Integrations
APPROVED

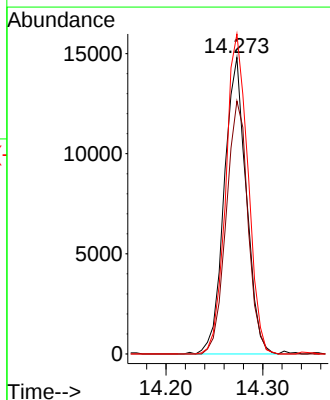
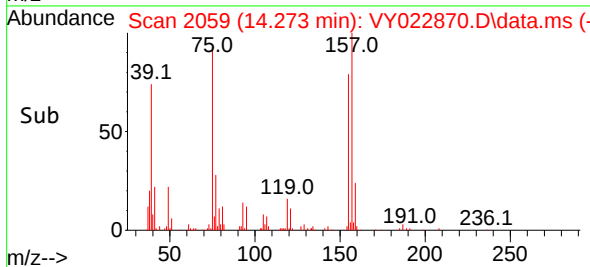
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

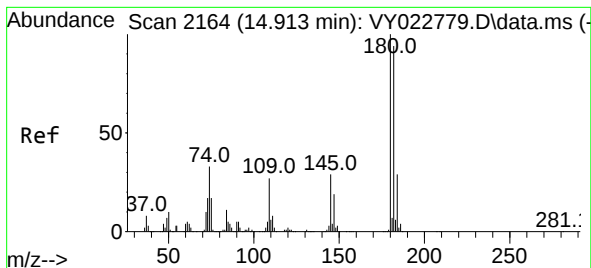


#92
1,2-Dibromo-3-Chloropropane
Concen: 41.450 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49



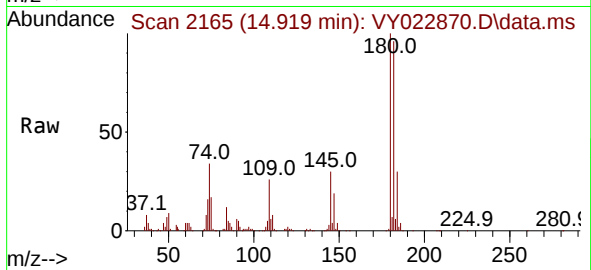
Tgt Ion: 75 Resp: 23491
Ion Ratio Lower Upper
75 100
155 83.9 39.9 119.6
157 108.3 54.0 162.0





#93
1,2,4-Trichlorobenzene
Concen: 42.029 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. 0.000 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49

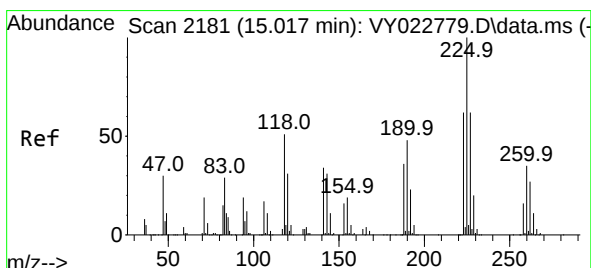
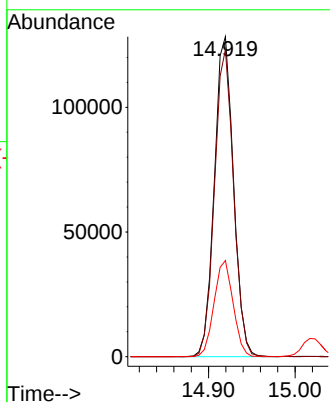
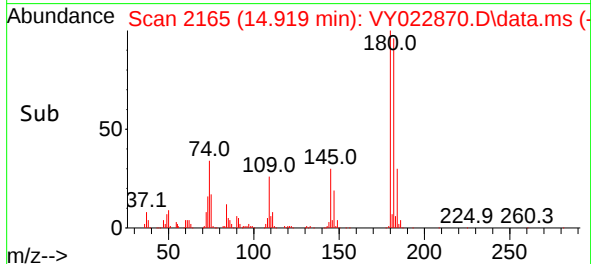
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



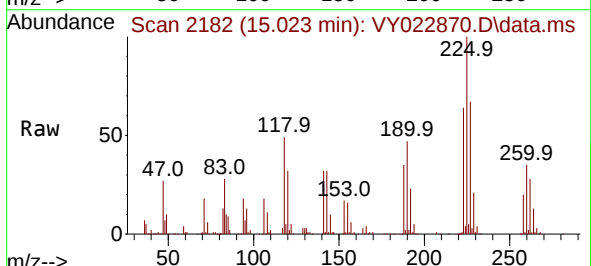
Tgt Ion:180 Resp: 197398
Ion Ratio Lower Upper
180 100
182 95.4 48.4 145.3
145 29.8 15.5 46.5

Manual Integrations
APPROVED

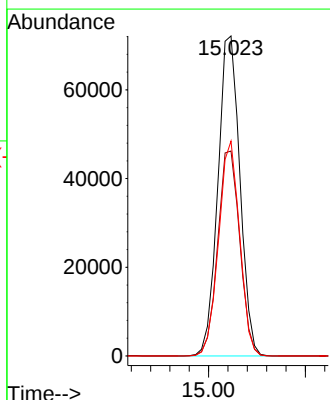
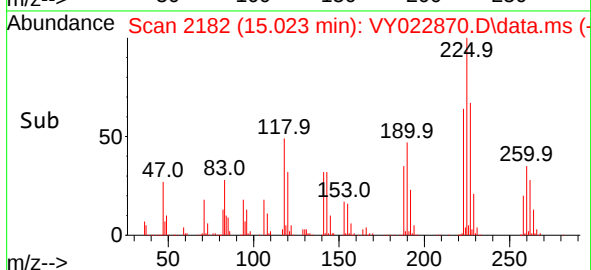
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

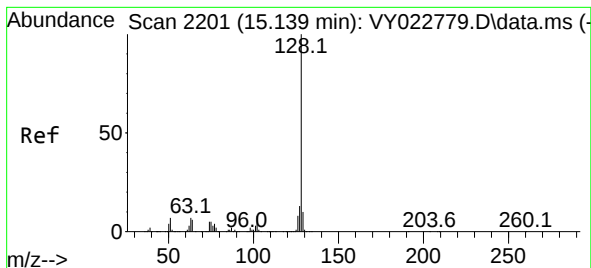


#94
Hexachlorobutadiene
Concen: 42.823 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY022870.D
Acq: 27 Jun 2025 18:49



Tgt Ion:225 Resp: 113732
Ion Ratio Lower Upper
225 100
223 64.3 32.5 97.4
227 64.2 32.3 96.9





#95

Naphthalene

Concen: 41.807 ug/l

RT: 15.139 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY022870.D

Acq: 27 Jun 2025 18:49

Instrument :

MSVOA_Y

ClientSampleId :

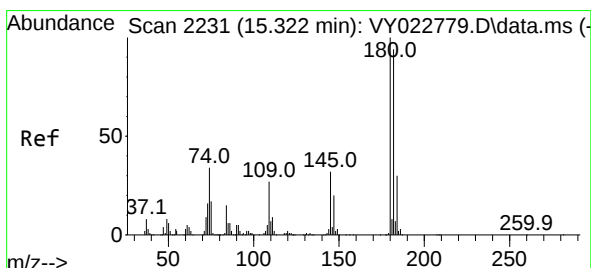
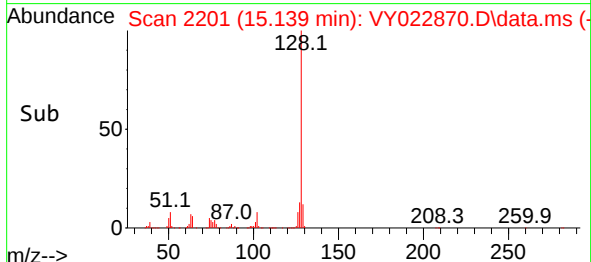
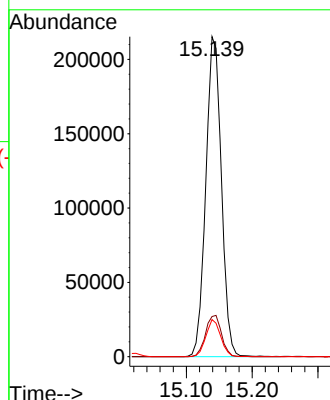
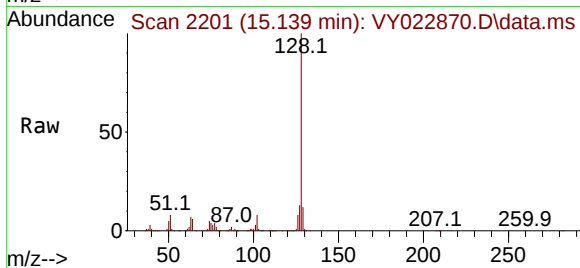
VSTDCCC050EC

Tgt Ion:	128	Resp:	35507
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.4	15.6
129	11.0	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#96

1,2,3-Trichlorobenzene

Concen: 42.274 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022870.D

Acq: 27 Jun 2025 18:49

Tgt Ion:	180	Resp:	171568
Ion Ratio	Lower	Upper	
180	100		
182	94.8	47.1	141.3
145	30.8	15.2	45.6

