

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010725\
 Data File : VY020797.D
 Acq On : 07 Jan 2025 17:05
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025
 Supervised By :Mahesh Dadoda 01/09/2025

Quant Time: Jan 08 00:56:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	166174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	259740	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	228670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	114364	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	87109	61.673	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.340%
35) Dibromofluoromethane	7.646	113	88990	54.687	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.380%
50) Toluene-d8	10.115	98	332037	58.533	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	117.060%
62) 4-Bromofluorobenzene	12.414	95	114853	54.828	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	109.660%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	56923	46.676	ug/l	97
3) Chloromethane	2.074	50	33792	52.625	ug/l	100
4) Vinyl Chloride	2.214	62	38560	54.019	ug/l	94
5) Bromomethane	2.604	94	27075	53.253	ug/l	93
6) Chloroethane	2.745	64	26216	59.550	ug/l	100
7) Trichlorofluoromethane	3.074	101	108398	49.477	ug/l	98
8) Diethyl Ether	3.464	74	42382	61.861	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.830	101	73206	49.481	ug/l	99
10) Methyl Iodide	4.019	142	93587	59.026	ug/l	99
11) Tert butyl alcohol	4.884	59	30441	285.224	ug/l	99
12) 1,1-Dichloroethene	3.805	96	69317	53.491	ug/l	98
13) Acrolein	3.665	56	5309	177.132	ug/l	99
14) Allyl chloride	4.397	41	106547	56.990	ug/l	97
15) Acrylonitrile	5.073	53	91059	312.727	ug/l	99
16) Acetone	3.885	43	61810	307.743	ug/l	100
17) Carbon Disulfide	4.122	76	161134	57.318	ug/l	100
18) Methyl Acetate	4.403	43	45095	66.496	ug/l	98
19) Methyl tert-butyl Ether	5.128	73	220109	60.186	ug/l	99
20) Methylene Chloride	4.628	84	81093	58.463	ug/l	97
21) trans-1,2-Dichloroethene	5.134	96	79108	55.434	ug/l	96
22) Diisopropyl ether	6.031	45	249844	62.734	ug/l	97
23) Vinyl Acetate	5.976	43	695229	316.606	ug/l	99
24) 1,1-Dichloroethane	5.927	63	149959	57.072	ug/l	99
25) 2-Butanone	6.909	43	106935	324.115	ug/l	97
26) 2,2-Dichloropropane	6.896	77	127805	46.847	ug/l	98
27) cis-1,2-Dichloroethene	6.902	96	104228	57.888	ug/l	98
28) Bromochloromethane	7.256	49	51607	72.787	ug/l	97
29) Tetrahydrofuran	7.274	42	70399	334.026	ug/l	95
30) Chloroform	7.433	83	169895	56.698	ug/l	95
31) Cyclohexane	7.713	56	100605	48.951	ug/l	97
32) 1,1,1-Trichloroethane	7.628	97	150148	51.371	ug/l	100
36) 1,1-Dichloropropene	7.847	75	104039	50.126	ug/l	99
37) Ethyl Acetate	6.994	43	49596	60.046	ug/l	98
38) Carbon Tetrachloride	7.829	117	137599	47.626	ug/l	99
39) Methylcyclohexane	9.115	83	121668	47.770	ug/l	97
40) Benzene	8.091	78	345829	54.289	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	26684	56.411	ug/l	95
42) 1,2-Dichloroethane	8.164	62	98641	56.703	ug/l	100
43) Isopropyl Acetate	8.207	43	101243	60.264	ug/l	99
44) Trichloroethene	8.872	130	90372	50.891	ug/l	95
45) 1,2-Dichloropropane	9.152	63	81420	56.380	ug/l	99
46) Dibromomethane	9.237	93	48220	58.148	ug/l	97
47) Bromodichloromethane	9.432	83	131145	55.219	ug/l	97
48) Methyl methacrylate	9.225	41	46516	61.761	ug/l	100
49) 1,4-Dioxane	9.243	88	10400	1181.195	ug/l	93
51) 4-Methyl-2-Pentanone	10.006	43	260766	310.696	ug/l	100
52) Toluene	10.176	92	227128	53.844	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	118602	56.148	ug/l	100
54) cis-1,3-Dichloropropene	9.865	75	134632	54.880	ug/l	98
55) 1,1,2-Trichloroethane	10.579	97	67632	57.087	ug/l	97
56) Ethyl methacrylate	10.444	69	92414	61.766	ug/l	97
57) 1,3-Dichloropropane	10.725	76	112746	58.383	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.719	63	158634	267.260	ug/l	98
59) 2-Hexanone	10.768	43	172872	321.056	ug/l	99
60) Dibromochloromethane	10.914	129	96802	56.338	ug/l	99
61) 1,2-Dibromoethane	11.024	107	61217	57.556	ug/l	99
64) Tetrachloroethene	10.652	164	78846	46.898	ug/l	97
65) Chlorobenzene	11.450	112	259706	51.367	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.524	131	98337	51.092	ug/l	99
67) Ethyl Benzene	11.524	91	440570	50.332	ug/l	99
68) m/p-Xylenes	11.633	106	334883	99.367	ug/l	99
69) o-Xylene	11.962	106	162123	50.736	ug/l	100
70) Styrene	11.975	104	279854	52.027	ug/l	100
71) Bromoform	12.139	173	58564	53.524	ug/l #	99
73) Isopropylbenzene	12.261	105	431434	47.553	ug/l	100
74) N-amyl acetate	12.078	43	87027	58.641	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	75042	54.572	ug/l	100
76) 1,2,3-Trichloropropane	12.566	75	55724m	55.687	ug/l	
77) Bromobenzene	12.536	156	106516	50.921	ug/l	99
78) n-propylbenzene	12.603	91	496706	48.233	ug/l	99
79) 2-Chlorotoluene	12.688	91	292508	49.325	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	355201	48.309	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	24288	51.178	ug/l	97
82) 4-Chlorotoluene	12.785	91	302386	49.410	ug/l	100
83) tert-Butylbenzene	13.005	119	330122	48.004	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	353597	49.247	ug/l	99
85) sec-Butylbenzene	13.182	105	452450	47.103	ug/l	100
86) p-Isopropyltoluene	13.298	119	390735	47.684	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	202596	49.846	ug/l	100
88) 1,4-Dichlorobenzene	13.377	146	199142	49.775	ug/l	100
89) n-Butylbenzene	13.627	91	337053	47.413	ug/l	100
90) Hexachloroethane	13.889	117	78294	47.584	ug/l	99
91) 1,2-Dichlorobenzene	13.669	146	176180	49.577	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.285	75	11918	53.602	ug/l	97
93) 1,2,4-Trichlorobenzene	14.931	180	104241	50.970	ug/l	98
94) Hexachlorobutadiene	15.035	225	68357	47.412	ug/l	99
95) Naphthalene	15.157	128	183226	54.434	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	87318	50.961	ug/l	98

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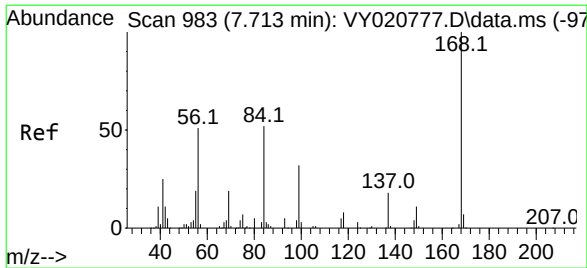
Manual Integrations
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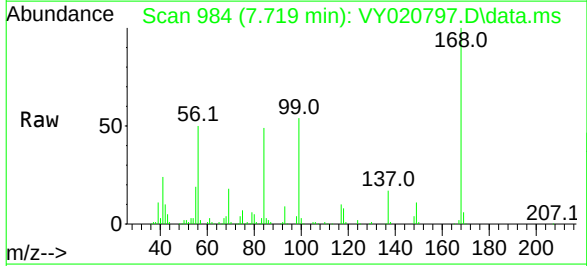
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 98
Delta R.T. 0.006 min
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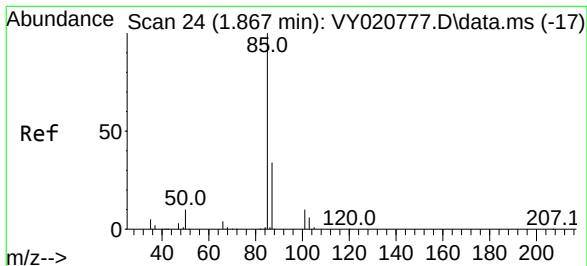
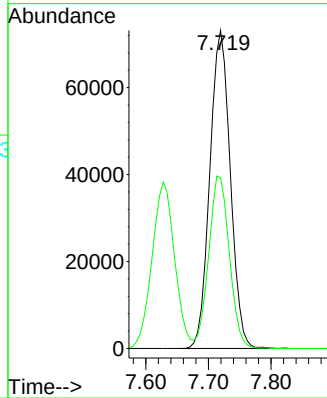
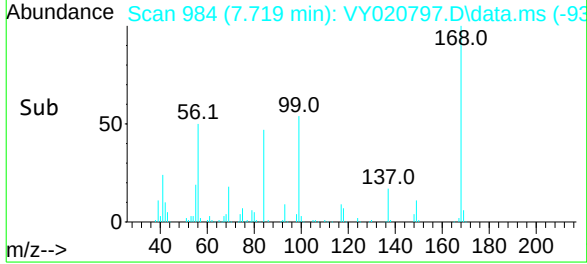
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



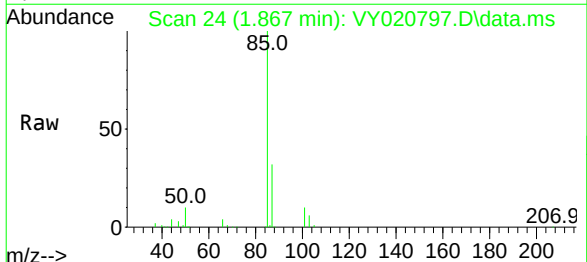
Tgt Ion:168 Resp: 166174
Ion Ratio Lower Upper
168 100
99 53.8 44.3 66.5

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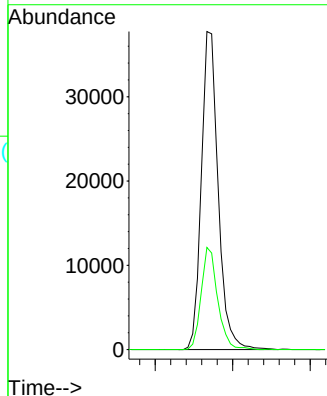
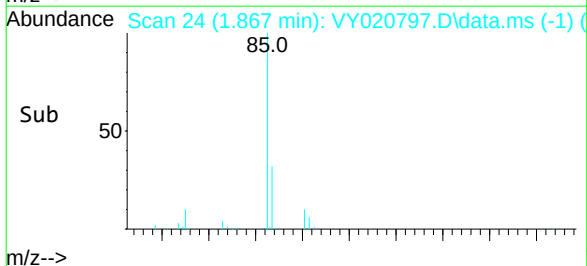
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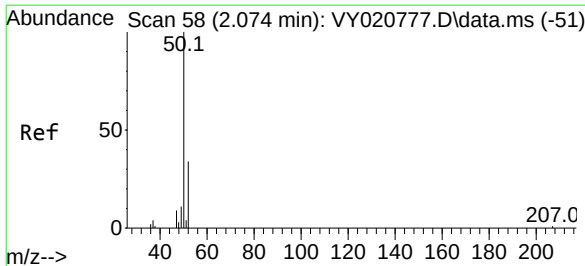


#2
Dichlorodifluoromethane
Concen: 46.676 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05



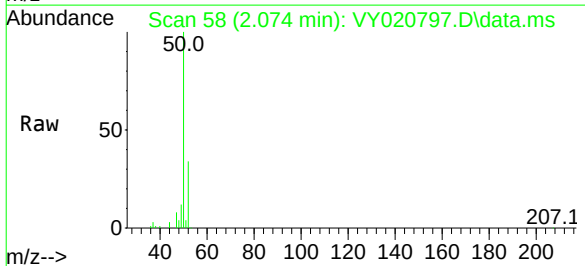
Tgt Ion: 85 Resp: 56923
Ion Ratio Lower Upper
85 100
87 32.1 16.9 50.6





#3
Chloromethane
Concen: 52.625 ug/l
RT: 2.074 min Scan# 58
Delta R.T. -0.000 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

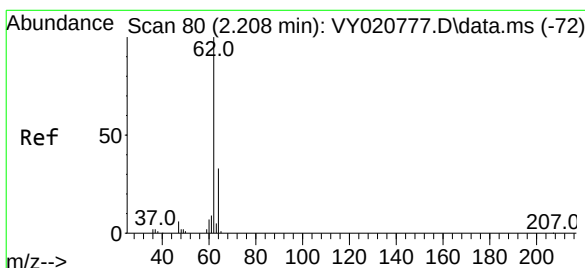
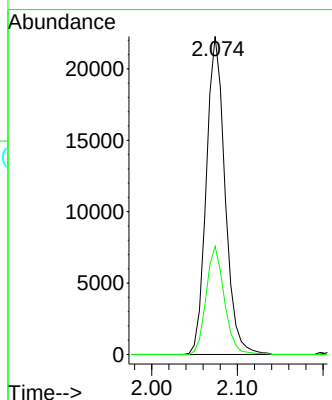
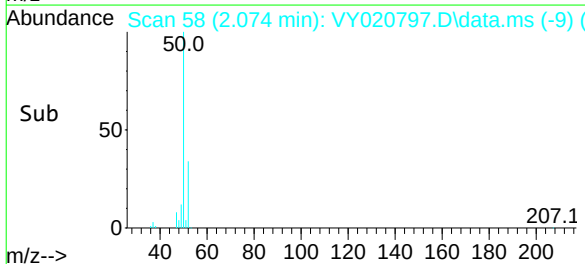
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 33792
Ion Ratio Lower Upper
50 100
52 34.0 27.3 40.9

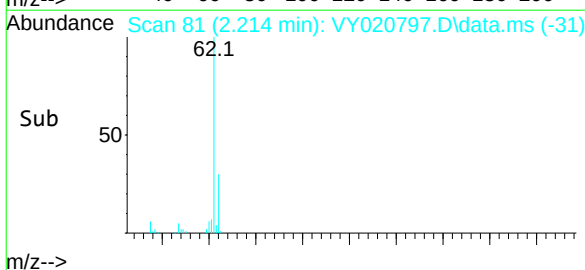
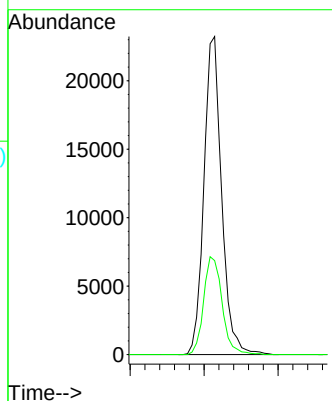
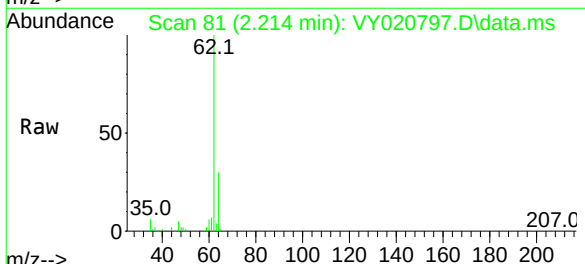
Manual Integrations
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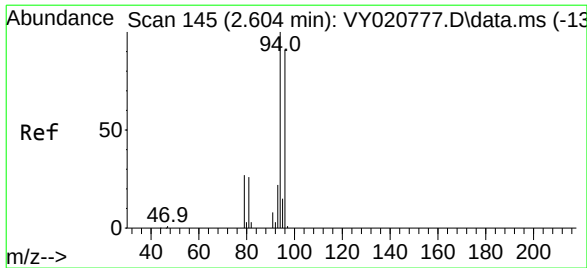
Reviewed By :Semsettin Yesilyurt 01/09/2025
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#4
Vinyl Chloride
Concen: 54.019 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

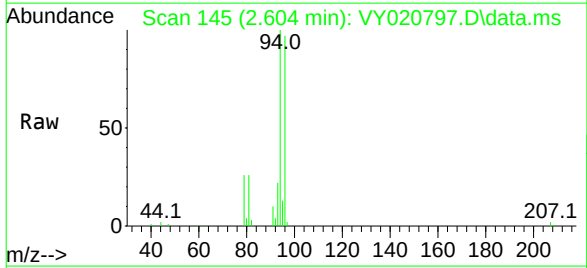
Tgt Ion: 62 Resp: 38560
Ion Ratio Lower Upper
62 100
64 29.5 26.6 39.8





#5
Bromomethane
Concen: 53.253 ug/l
RT: 2.604 min Scan# 145
Delta R.T. -0.000 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

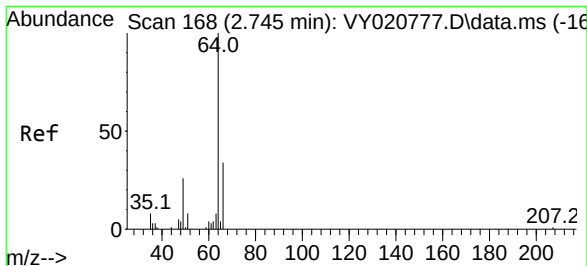
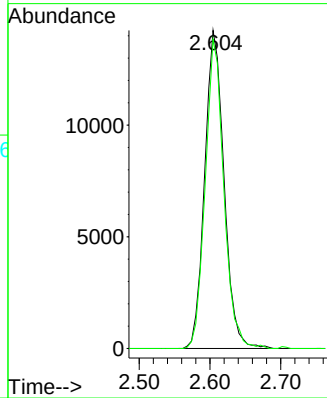
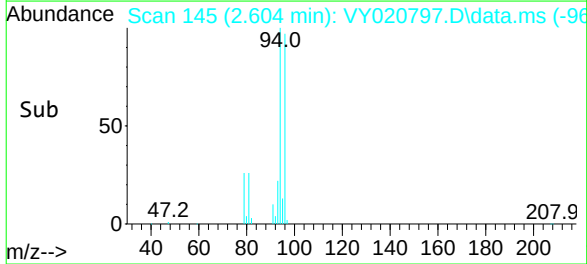
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Tgt Ion: 94 Resp: 27075
Ion Ratio Lower Upper
94 100
96 97.2 72.6 109.0

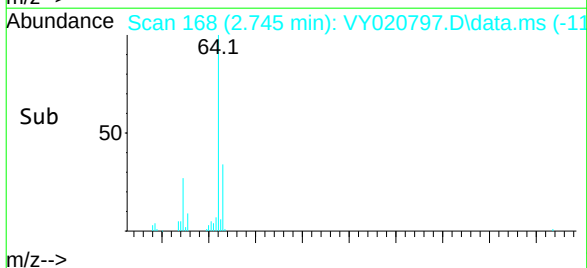
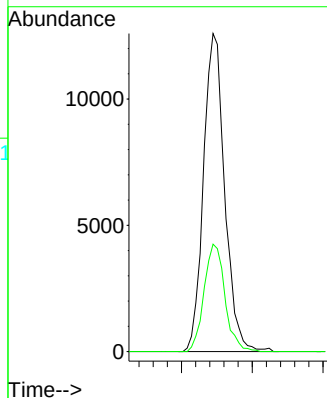
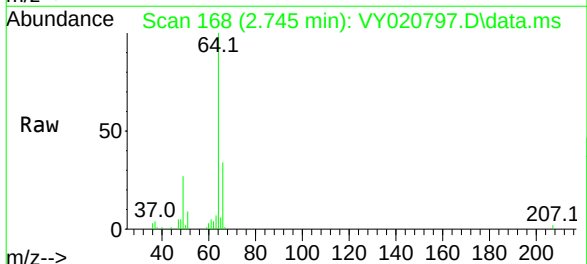
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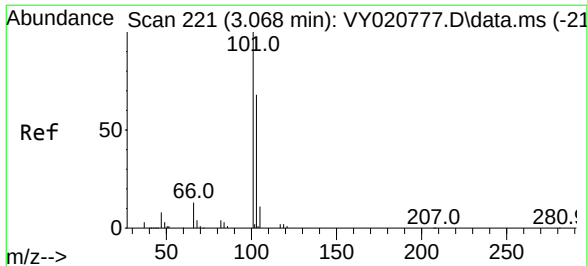
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#6
Chloroethane
Concen: 59.550 ug/l
RT: 2.745 min Scan# 168
Delta R.T. -0.000 min
Lab File: VY020797.D
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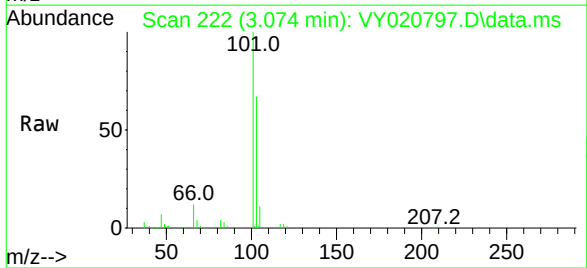
Tgt Ion: 64 Resp: 26216
Ion Ratio Lower Upper
64 100
66 33.8 26.9 40.3





#7
 Trichlorofluoromethane
 Concen: 49.477 ug/l
 RT: 3.074 min Scan# 221
 Delta R.T. 0.006 min
 Lab File: VY020797.D
 Acq: 07 Jan 2025 17:05

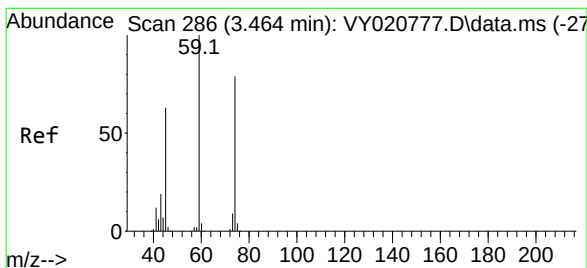
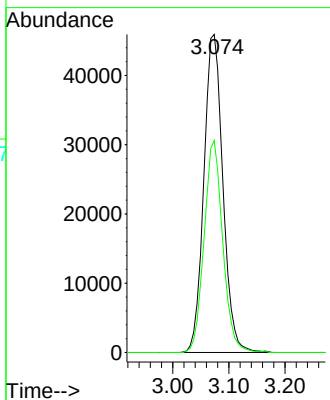
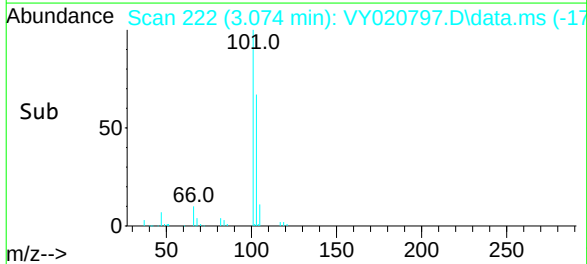
Instrument :
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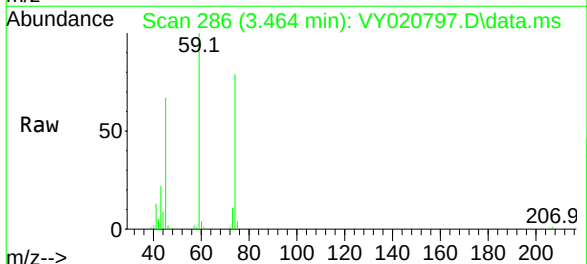
Tgt Ion: 101 Resp: 108398
 Ion Ratio Lower Upper
 101 100
 103 66.6 54.6 82.0

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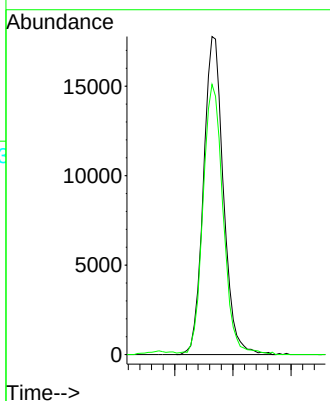
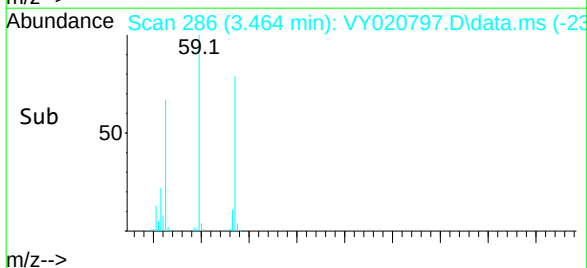
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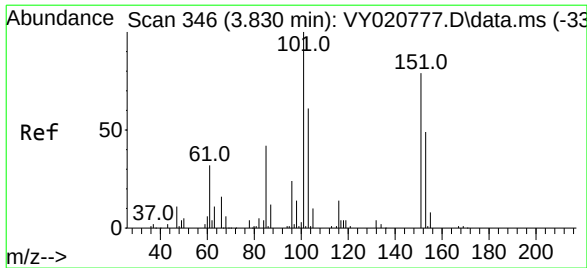


#8
 Diethyl Ether
 Concen: 61.861 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. -0.000 min
 Lab File: VY020797.D
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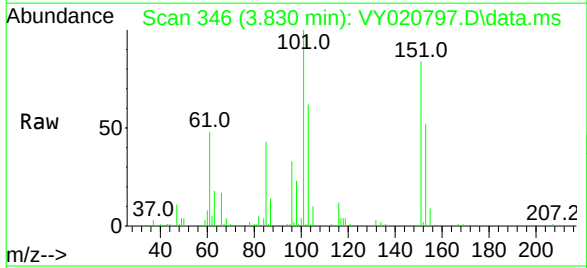
Tgt Ion: 74 Resp: 42382
 Ion Ratio Lower Upper
 74 100
 45 85.8 41.3 124.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.481 ug/l
RT: 3.830 min Scan# 346
Delta R.T. -0.000 min
Lab File: VY020797.D
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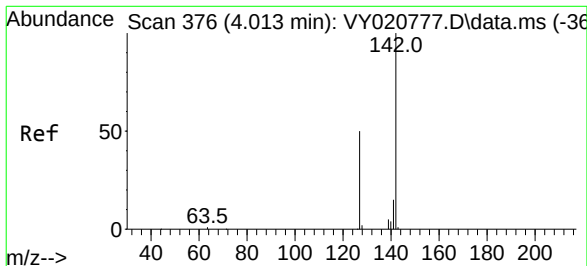
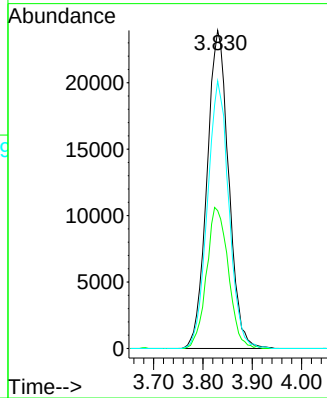
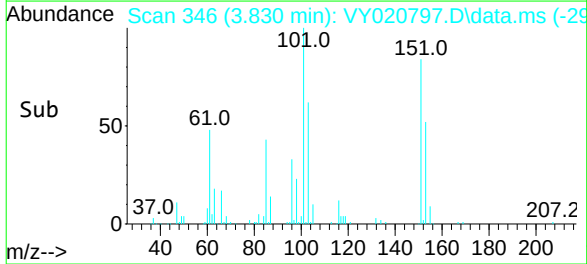
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



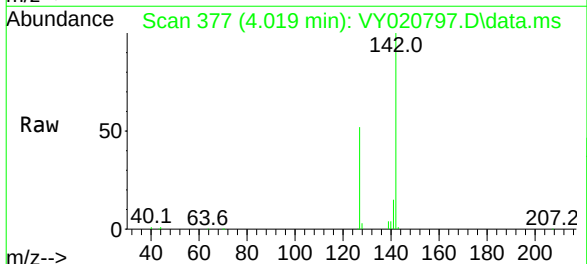
Tgt Ion:101 Resp: 73206
Ion Ratio Lower Upper
101 100
85 44.6 35.9 53.9
151 82.9 66.9 100.3

Manual Integrations
APPROVED

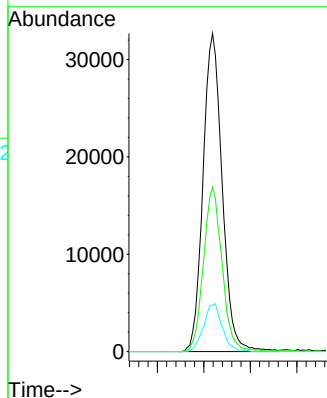
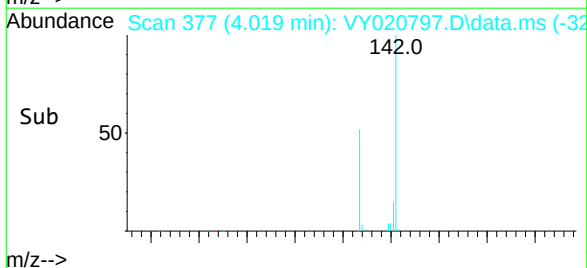
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025

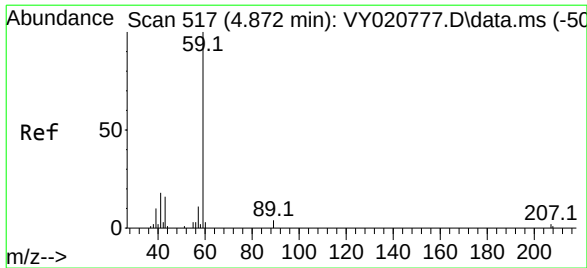


#10
Methyl Iodide
Concen: 59.026 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05



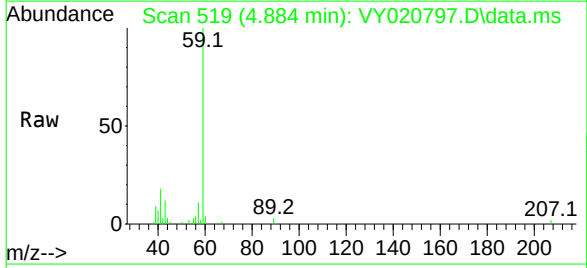
Tgt Ion:142 Resp: 93587
Ion Ratio Lower Upper
142 100
127 50.2 41.0 61.6
141 14.6 11.6 17.4





#11
Tert butyl alcohol
Concen: 285.224 ug/l
RT: 4.884 min Scan# 517
Delta R.T. 0.012 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

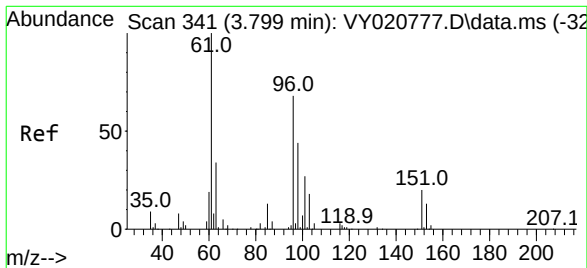
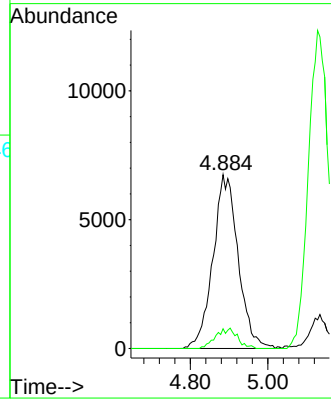
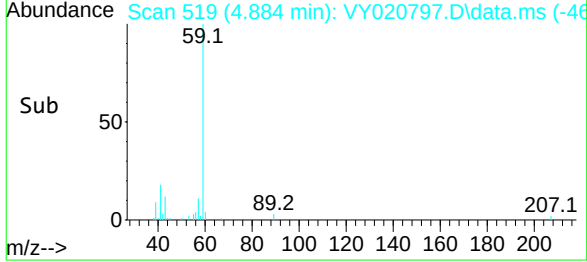
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



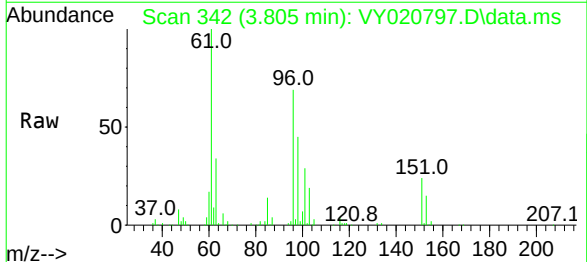
Tgt Ion: 59 Resp: 30441
Ion Ratio Lower Upper
59 100
57 10.0 7.8 11.8

Manual Integrations
APPROVED

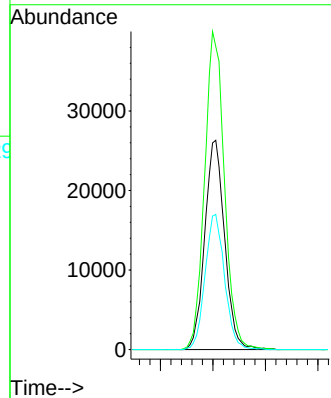
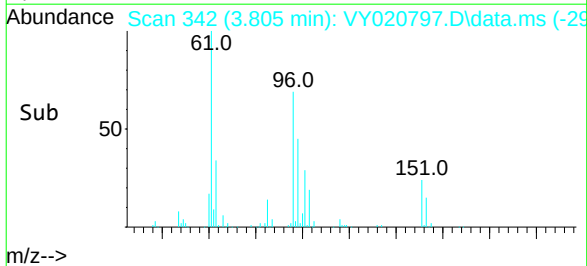
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025

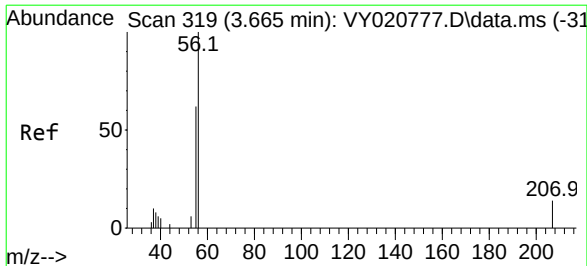


#12
1,1-Dichloroethene
Concen: 53.491 ug/l
RT: 3.805 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05



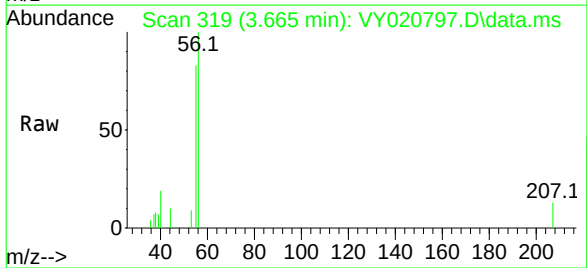
Tgt Ion: 96 Resp: 69317
Ion Ratio Lower Upper
96 100
61 144.8 117.8 176.8
98 64.6 51.9 77.9





#13
Acrolein
Concen: 177.132 ug/l
RT: 3.665 min Scan# 319
Delta R.T. -0.000 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

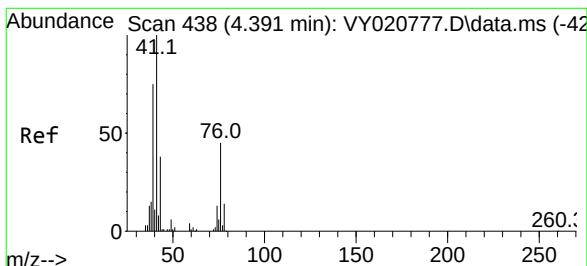
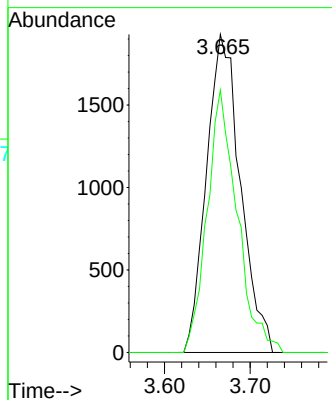
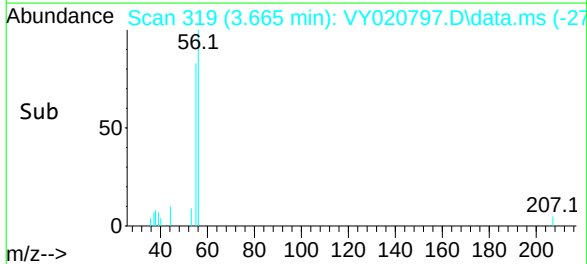
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



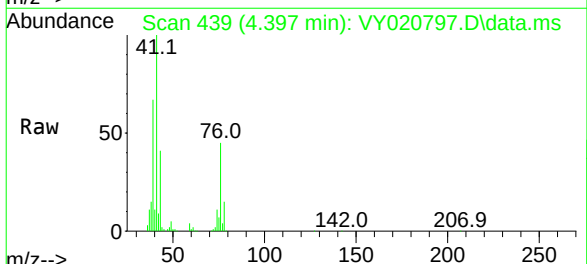
Tgt Ion: 56 Resp: 5309
Ion Ratio Lower Upper
56 100
55 73.2 58.1 87.1

Manual Integrations
APPROVED

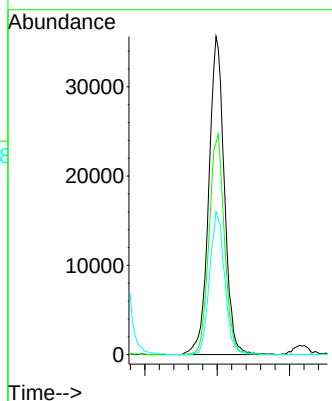
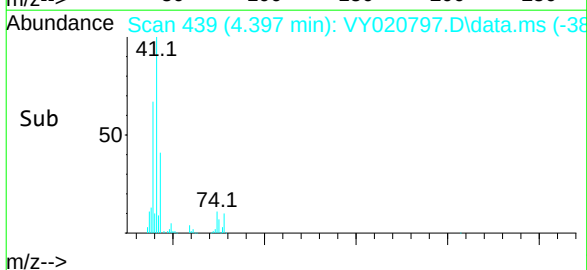
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025

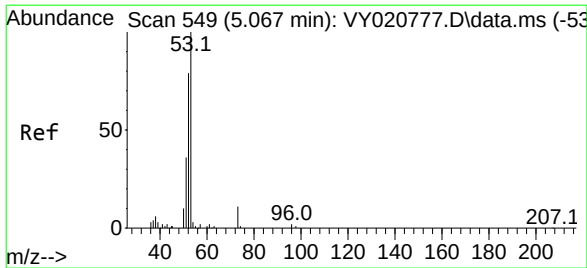


#14
Allyl chloride
Concen: 56.990 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05



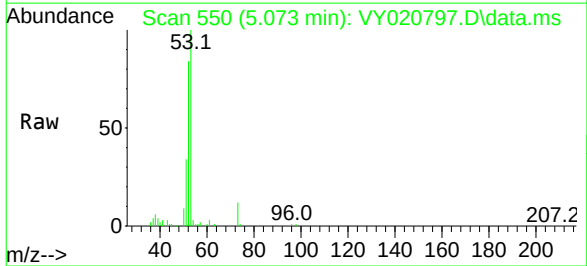
Tgt Ion: 41 Resp: 106547
Ion Ratio Lower Upper
41 100
39 68.2 57.5 86.3
76 43.3 35.6 53.4





#15
Acrylonitrile
Concen: 312.727 ug/l
RT: 5.073 min Scan# 551
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

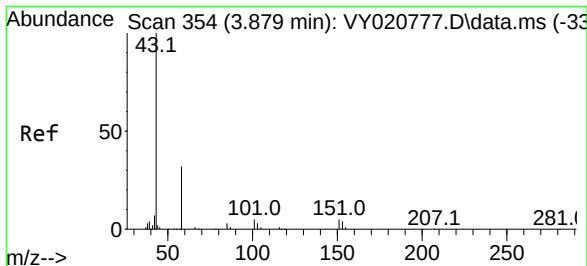
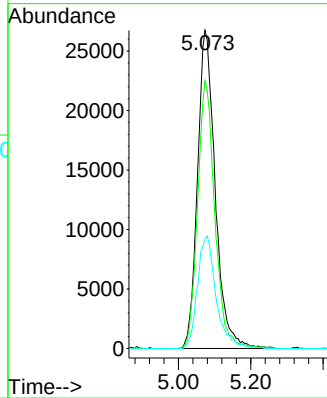
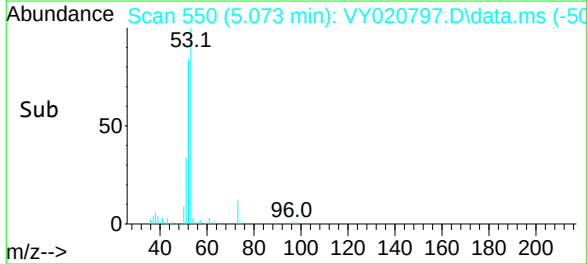
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



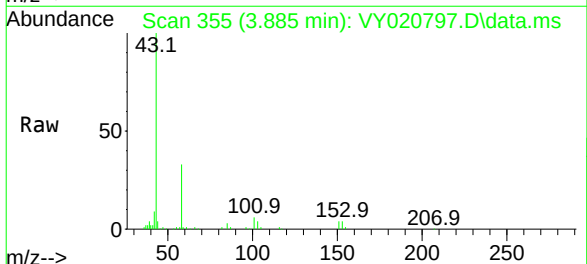
Tgt Ion: 53 Resp: 91059
Ion Ratio Lower Upper
53 100
52 82.0 64.3 96.5
51 37.0 29.3 43.9

Manual Integrations
APPROVED

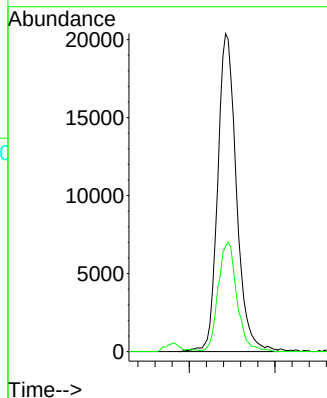
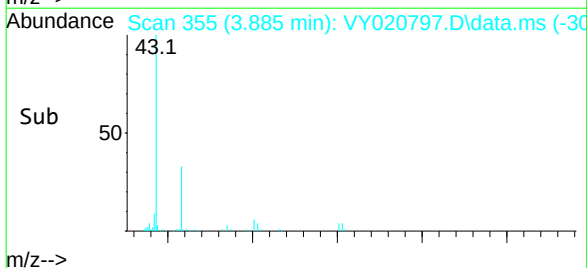
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025

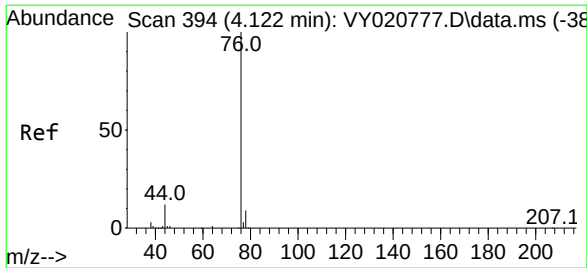


#16
Acetone
Concen: 307.743 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05



Tgt Ion: 43 Resp: 61810
Ion Ratio Lower Upper
43 100
58 33.1 26.7 40.1





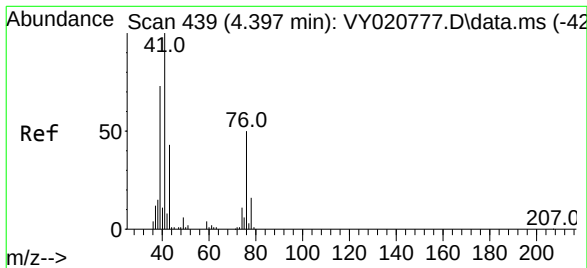
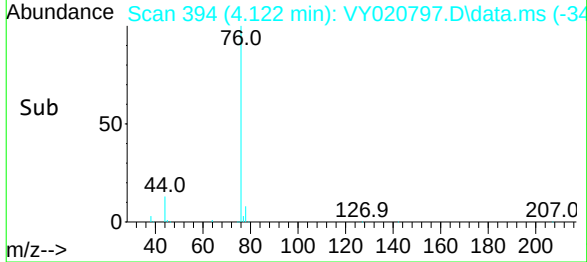
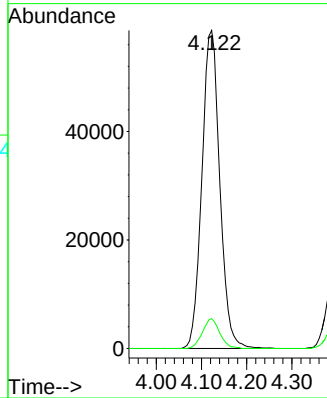
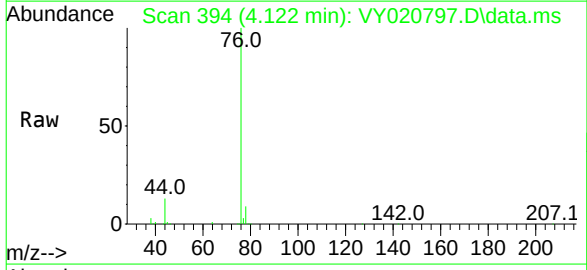
#17
Carbon Disulfide
Concen: 57.318 ug/l
RT: 4.122 min Scan# 39
Delta R.T. -0.000 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 161134
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2

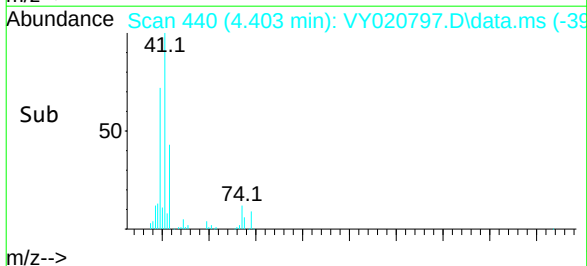
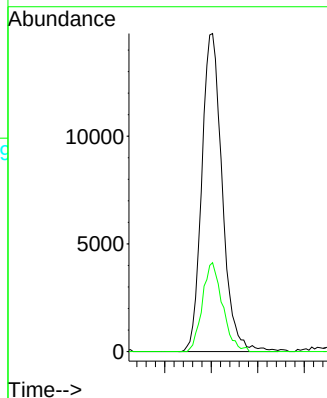
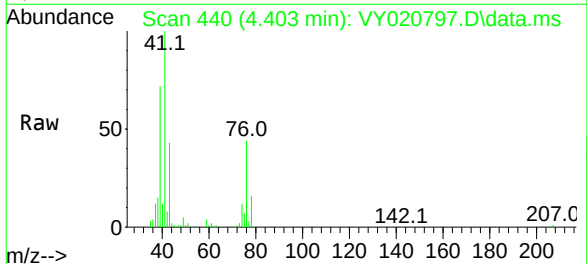
Manual Integrations
APPROVED

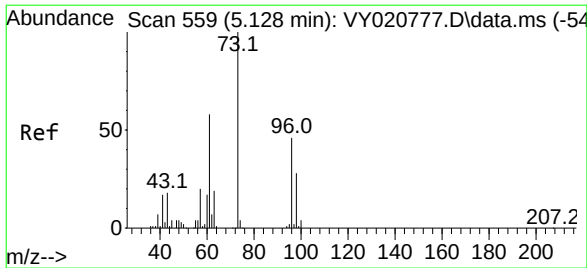
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#18
Methyl Acetate
Concen: 66.496 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

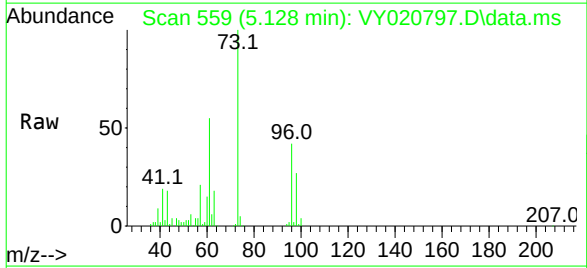
Tgt Ion: 43 Resp: 45095
Ion Ratio Lower Upper
43 100
74 27.5 23.0 34.6





#19
Methyl tert-butyl Ether
Concen: 60.186 ug/l
RT: 5.128 min Scan# 559
Delta R.T. -0.000 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

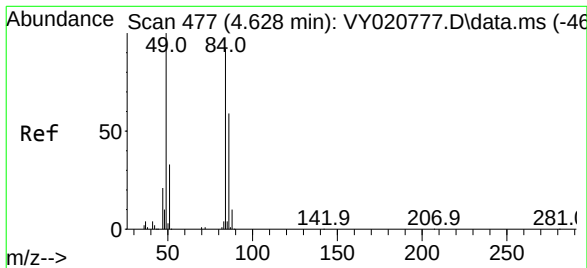
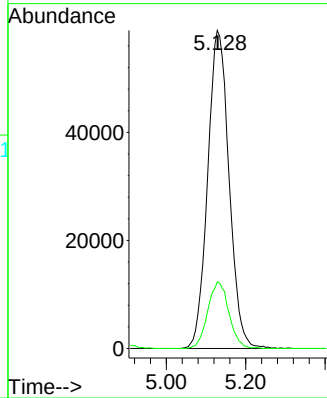
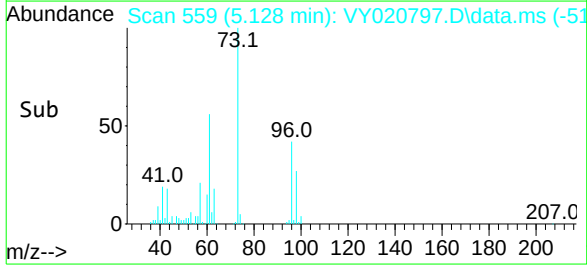
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 220109
Ion Ratio Lower Upper
73 100
57 21.0 16.4 24.6

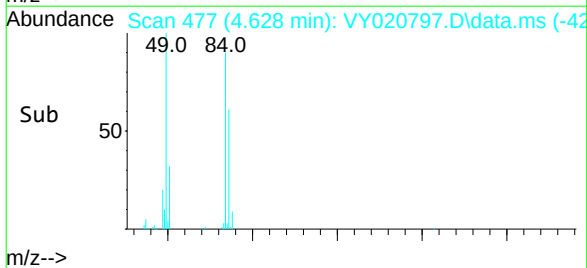
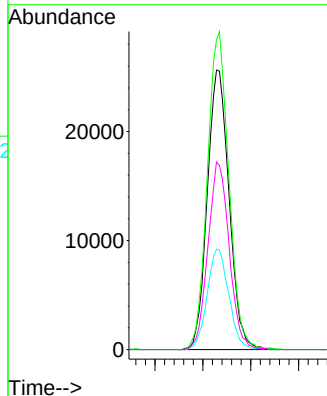
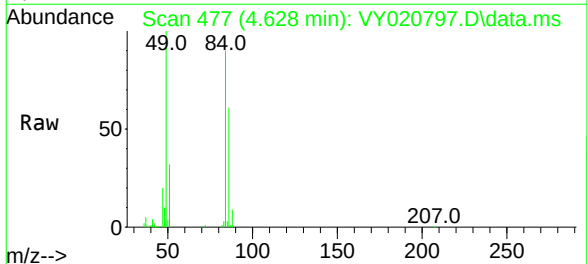
Manual Integrations
APPROVED

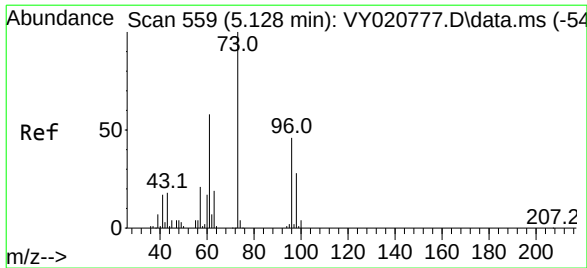
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#20
Methylene Chloride
Concen: 58.463 ug/l
RT: 4.628 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

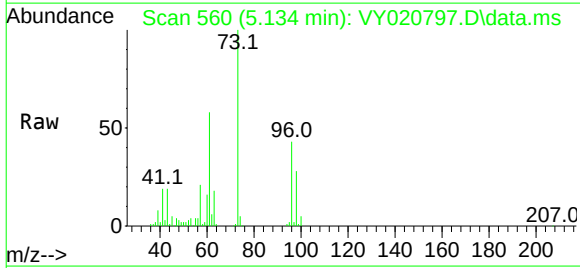
Tgt Ion: 84 Resp: 81093
Ion Ratio Lower Upper
84 100
49 110.9 86.7 130.1
51 35.9 28.4 42.6
86 67.1 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 55.434 ug/l
RT: 5.134 min Scan# 56
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

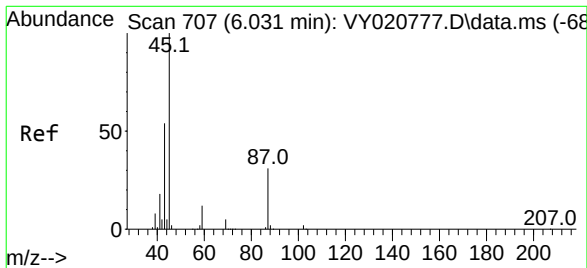
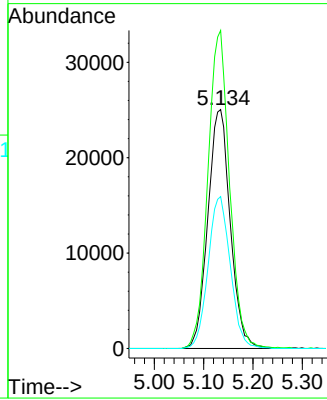
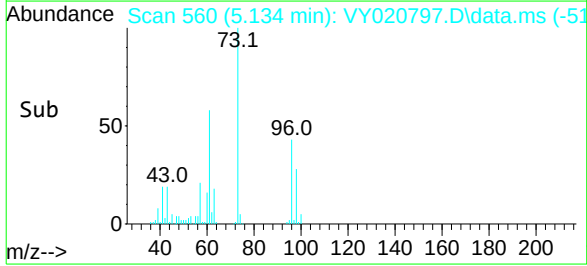
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 79108
Ion Ratio Lower Upper
96 100
61 133.1 101.6 152.4
98 63.6 49.4 74.2

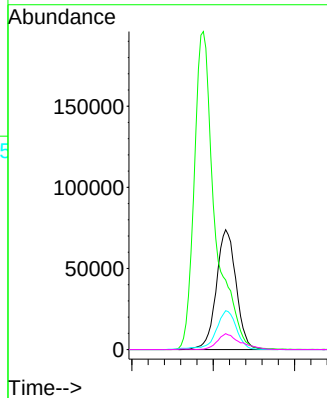
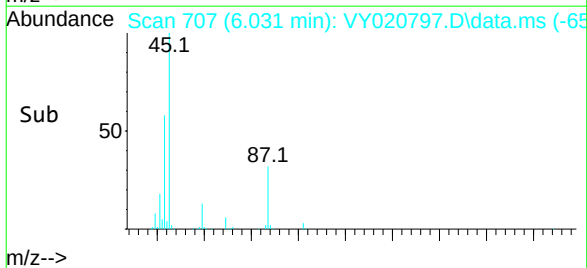
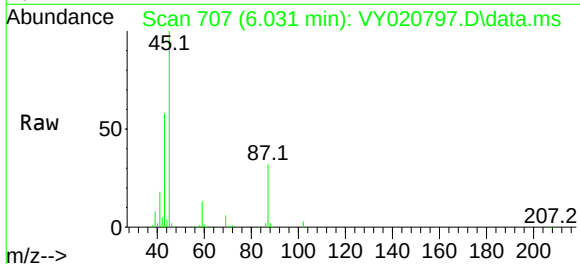
Manual Integrations
APPROVED

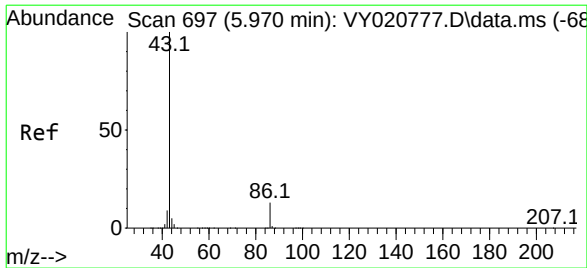
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#22
Diisopropyl ether
Concen: 62.734 ug/l
RT: 6.031 min Scan# 707
Delta R.T. -0.000 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

Tgt Ion: 45 Resp: 249844
Ion Ratio Lower Upper
45 100
43 57.7 43.9 65.9
87 32.5 25.3 37.9
59 13.2 10.0 15.0





#23

Vinyl Acetate

Concen: 316.606 ug/l

RT: 5.976 min Scan# 69

Delta R.T. 0.006 min

Lab File: VY020797.D

Acq: 07 Jan 2025 17:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 695229

Ion Ratio Lower Upper

43 100

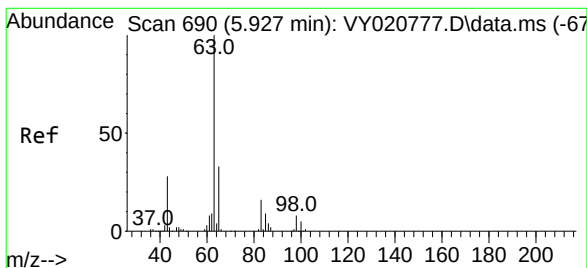
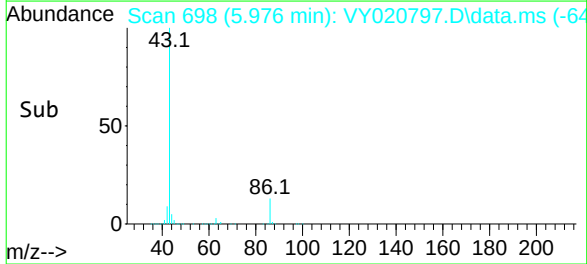
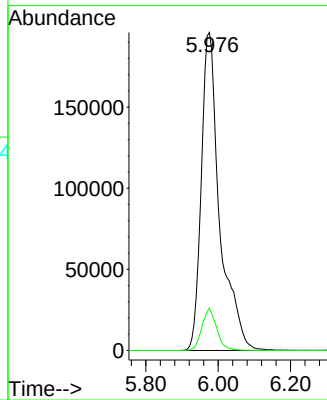
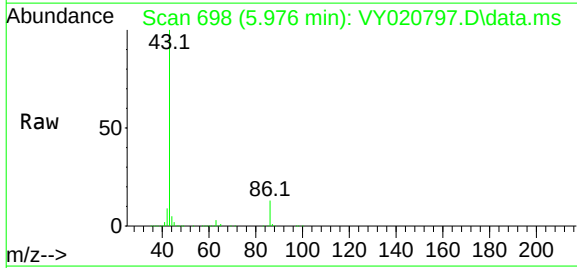
86 13.3 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025

Supervised By :Mahesh Dadoda 01/09/2025



#24

1,1-Dichloroethane

Concen: 57.072 ug/l

RT: 5.927 min Scan# 690

Delta R.T. -0.000 min

Lab File: VY020797.D

Acq: 07 Jan 2025 17:05

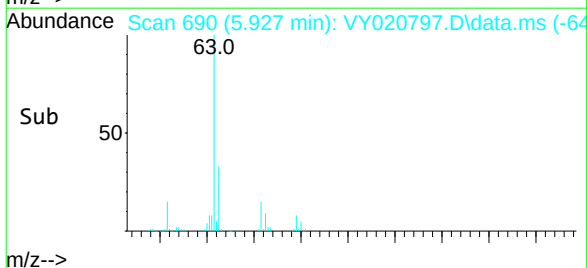
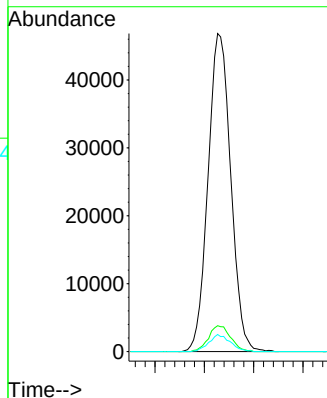
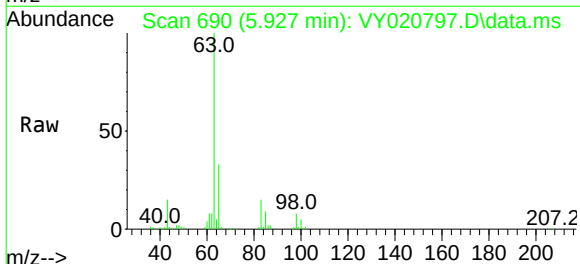
Tgt Ion: 63 Resp: 149959

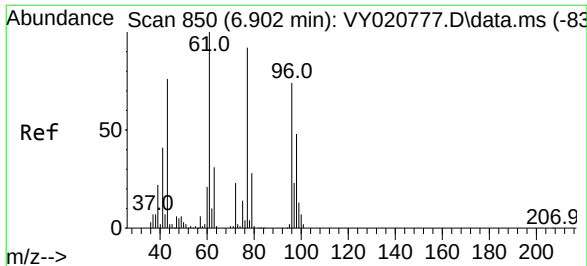
Ion Ratio Lower Upper

63 100

98 8.1 3.9 11.7

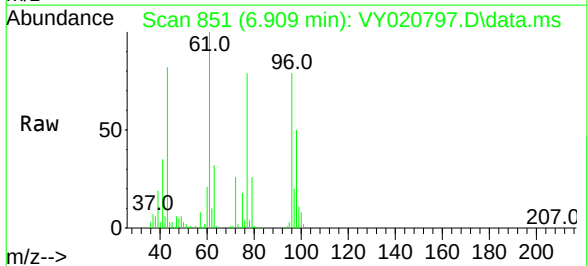
100 5.4 2.4 7.2





#25
2-Butanone
Concen: 324.115 ug/l
RT: 6.909 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

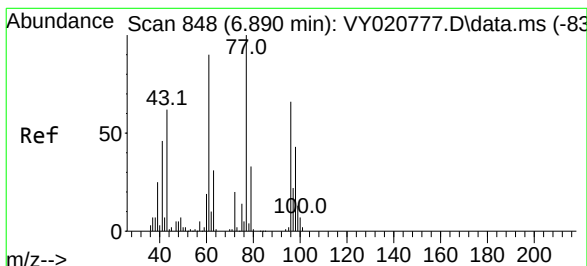
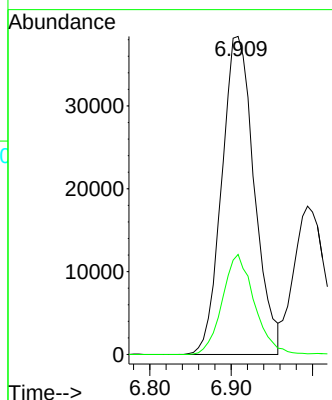
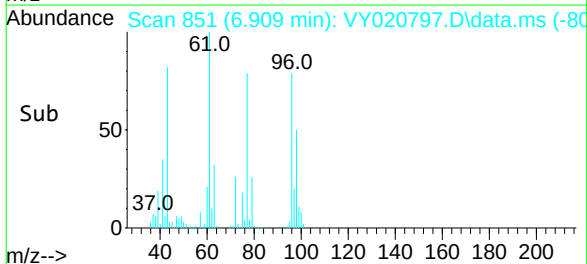
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 106935
Ion Ratio Lower Upper
43 100
72 31.5 24.0 36.0

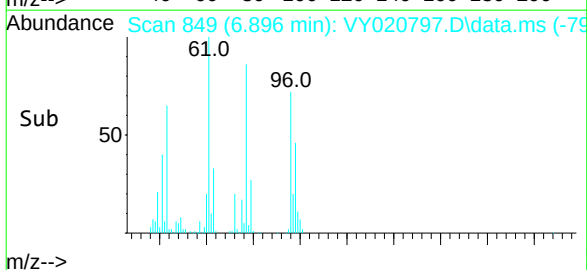
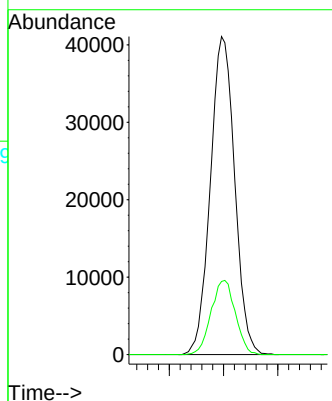
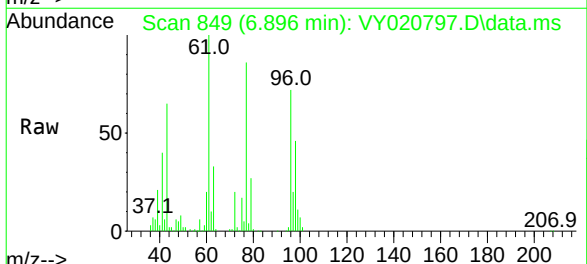
Manual Integrations
APPROVED

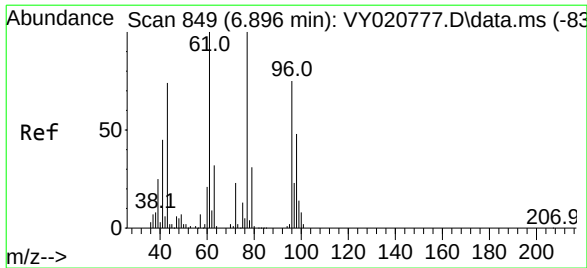
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#26
2,2-Dichloropropane
Concen: 46.847 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

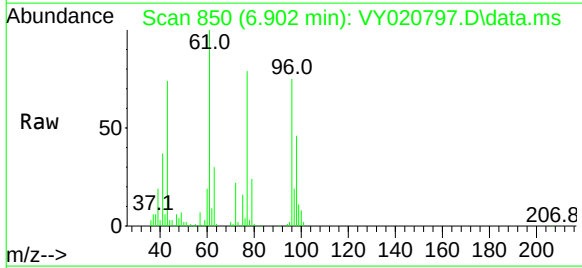
Tgt Ion: 77 Resp: 127805
Ion Ratio Lower Upper
77 100
97 23.3 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 57.888 ug/l
 RT: 6.902 min Scan# 85
 Delta R.T. 0.006 min
 Lab File: VY020797.D
 Acq: 07 Jan 2025 17:05

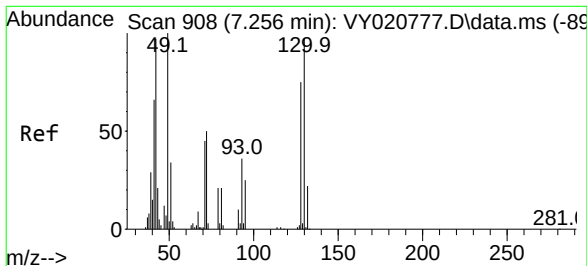
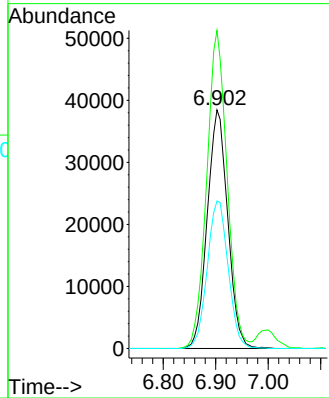
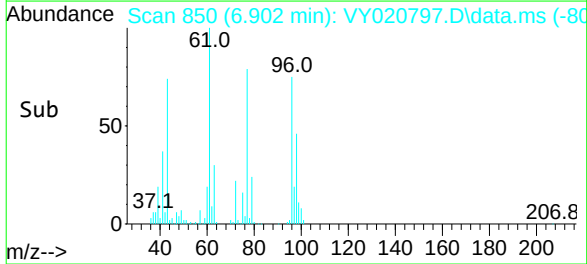
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 104228
 Ion Ratio Lower Upper
 96 100
 61 132.6 0.0 271.4
 98 63.4 0.0 129.0

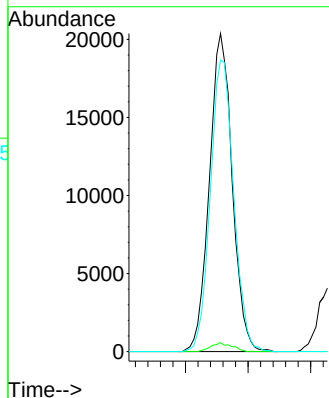
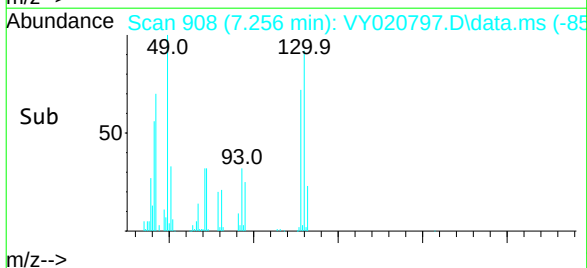
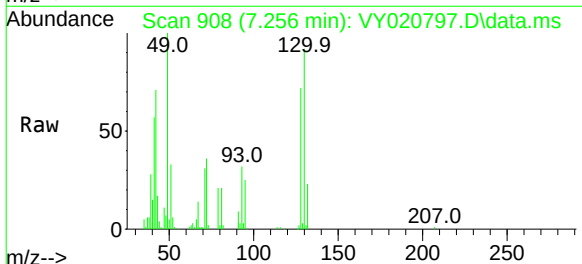
Manual Integrations
 APPROVED

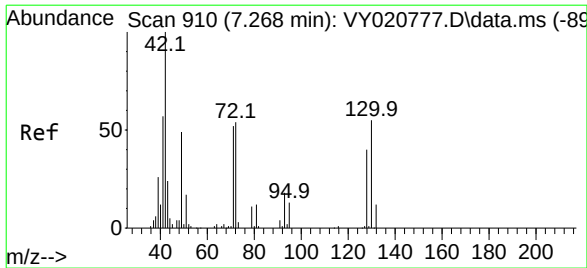
Reviewed By :Semsettin Yesilyurt 01/09/2025
 Supervised By :Mahesh Dadoda 01/09/2025



#28
 Bromochloromethane
 Concen: 72.787 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. -0.000 min
 Lab File: VY020797.D
 Acq: 07 Jan 2025 17:05

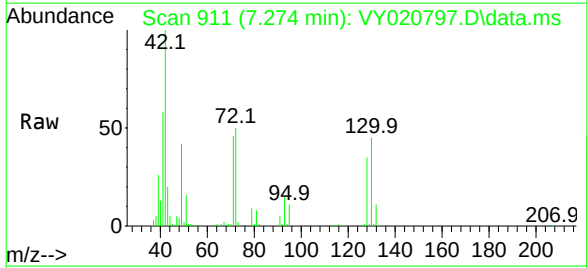
Tgt Ion: 49 Resp: 51607
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 5.2
 130 93.7 77.8 116.6





#29
Tetrahydrofuran
Concen: 334.026 ug/l
RT: 7.274 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

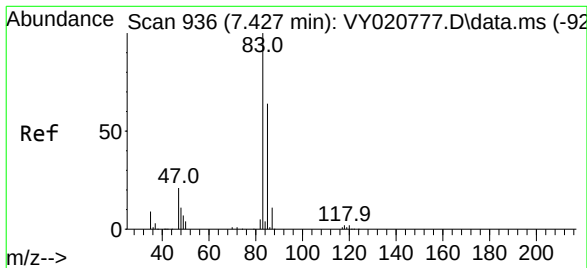
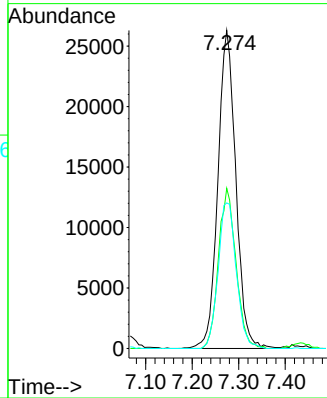
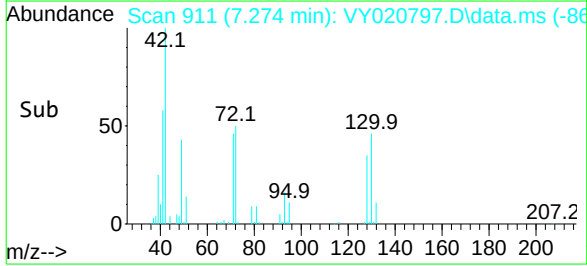
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 70399
Ion Ratio Lower Upper
42 100
72 49.1 41.8 62.6
71 46.6 39.8 59.8

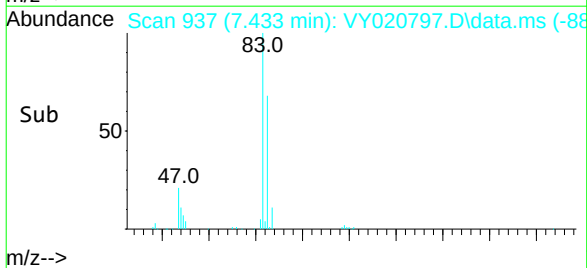
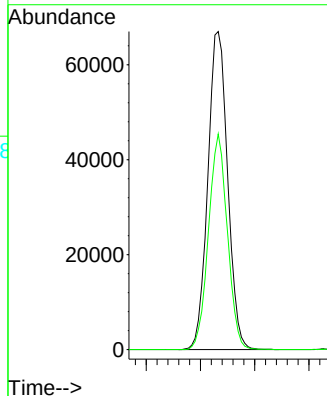
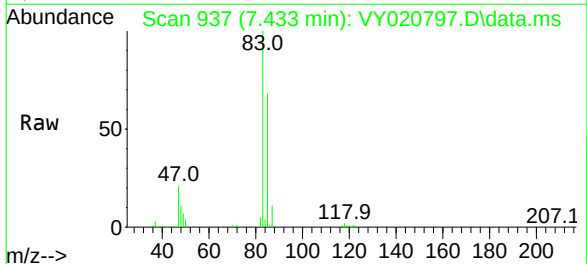
Manual Integrations
APPROVED

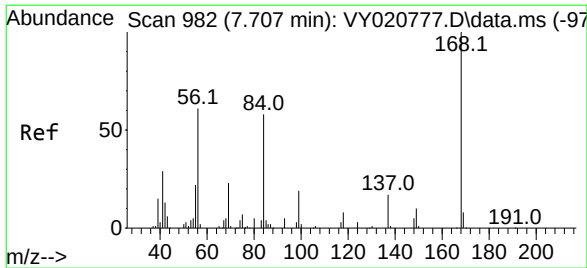
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#30
Chloroform
Concen: 56.698 ug/l
RT: 7.433 min Scan# 937
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

Tgt Ion: 83 Resp: 169895
Ion Ratio Lower Upper
83 100
85 67.8 51.1 76.7





#31

Cyclohexane

Concen: 48.951 ug/l

RT: 7.713 min Scan# 982

Delta R.T. 0.006 min

Lab File: VY020797.D

Acq: 07 Jan 2025 17:05

Instrument :

MSVOA_Y

ClientSampleId :

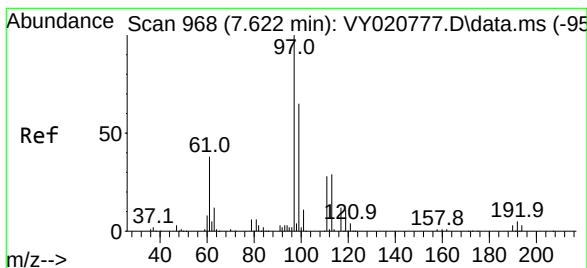
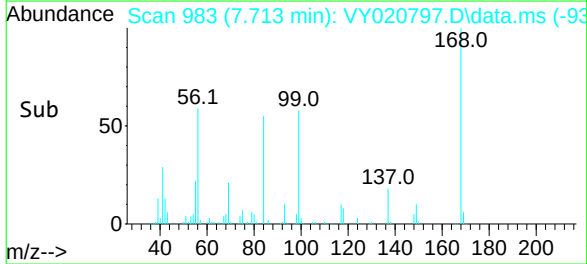
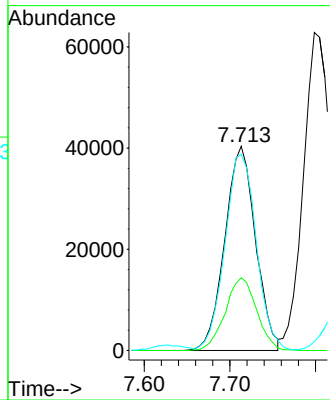
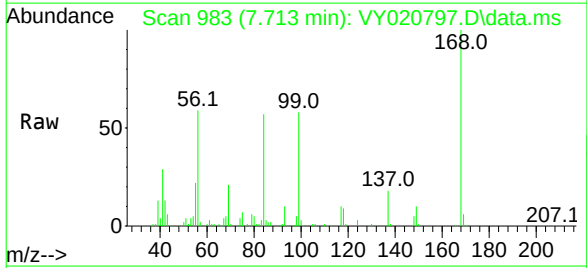
VSTDCCC050EC

Tgt Ion:	56	Resp:	100605
Ion	Ratio	Lower	Upper
56	100		
69	35.6	30.5	45.7
84	93.8	76.6	115.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#32

1,1,1-Trichloroethane

Concen: 51.371 ug/l

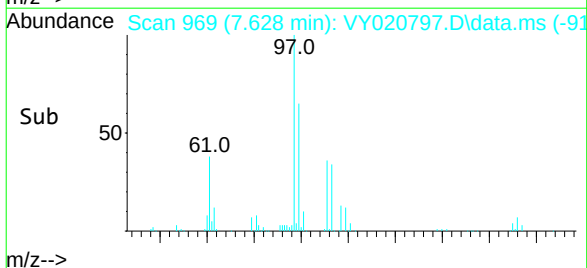
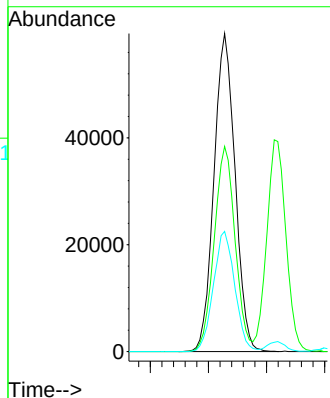
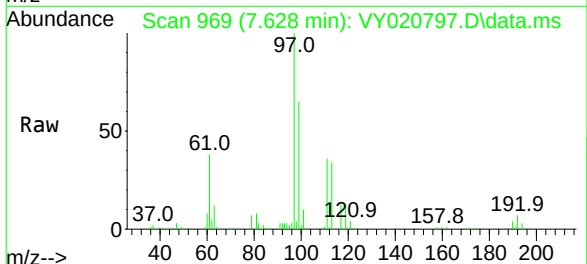
RT: 7.628 min Scan# 969

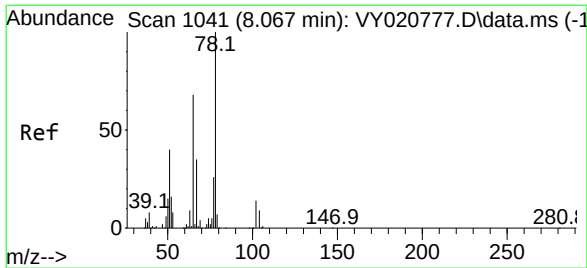
Delta R.T. 0.006 min

Lab File: VY020797.D

Acq: 07 Jan 2025 17:05

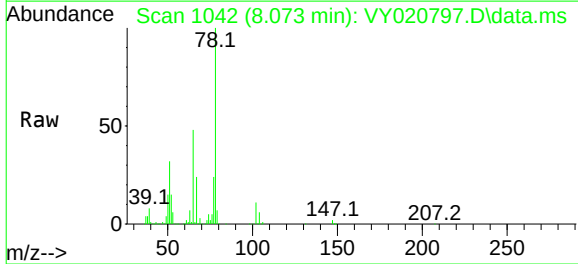
Tgt Ion:	97	Resp:	150148
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.4	77.2
61	38.3	30.5	45.7





#33
1,2-Dichloroethane-d4
Concen: 61.673 ug/l
RT: 8.073 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

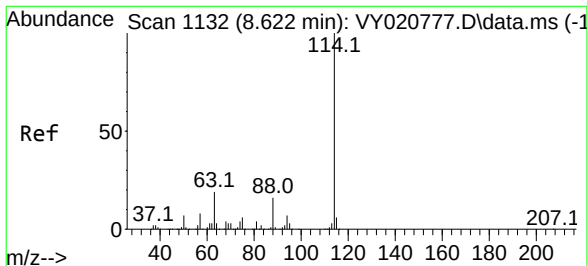
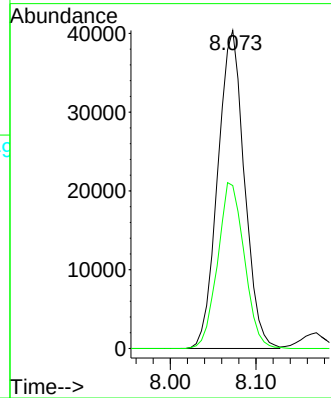
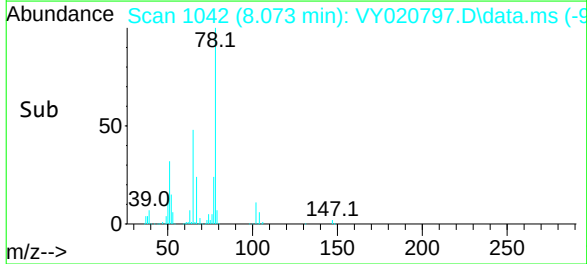
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 65 Resp: 87109
Ion Ratio Lower Upper
65 100
67 52.3 0.0 102.8

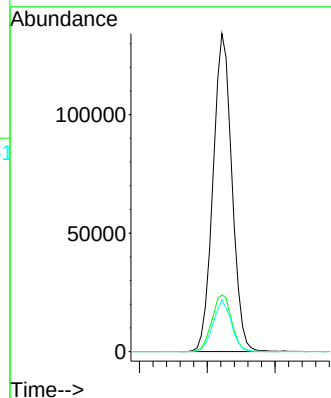
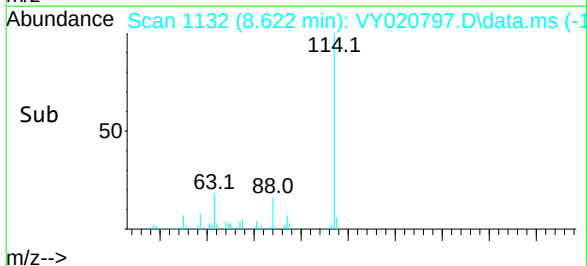
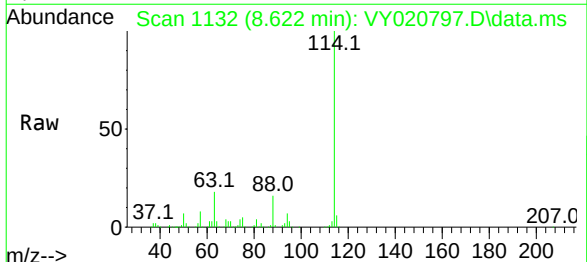
Manual Integrations
APPROVED

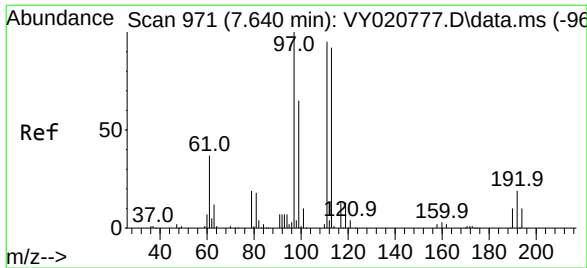
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

Tgt Ion:114 Resp: 259740
Ion Ratio Lower Upper
114 100
63 17.9 0.0 38.4
88 16.2 0.0 31.2





#35

Dibromofluoromethane

Concen: 54.687 ug/l

RT: 7.646 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY020797.D

Acq: 07 Jan 2025 17:05

Instrument :

MSVOA_Y

ClientSampleId :

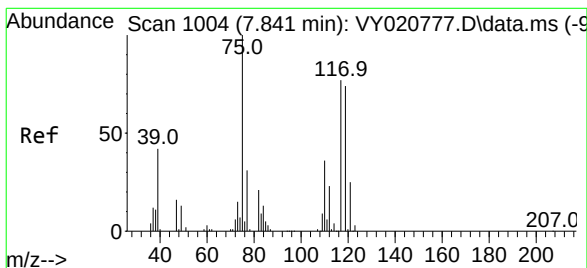
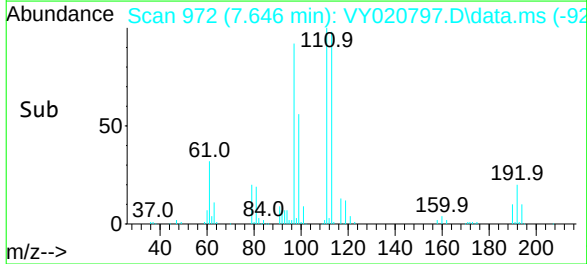
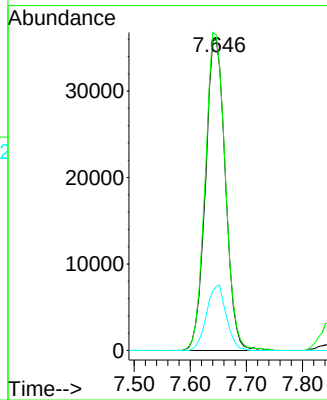
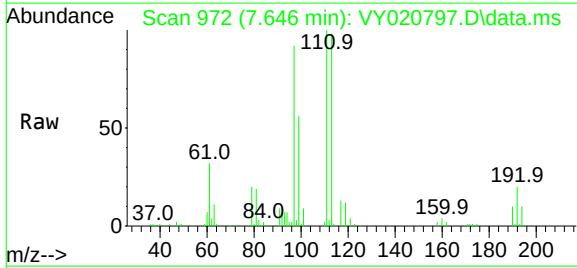
VSTDCCC050EC

Tgt Ion:	113	Resp:	88990
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.7	122.5
192	20.7	16.7	25.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#36

1,1-Dichloropropene

Concen: 50.126 ug/l

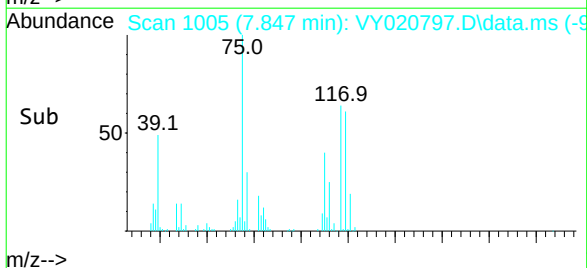
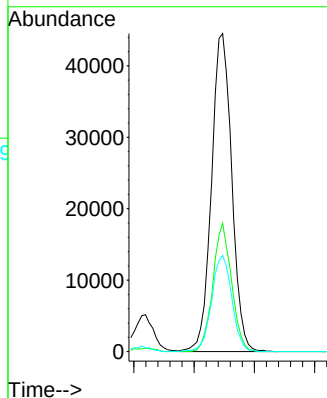
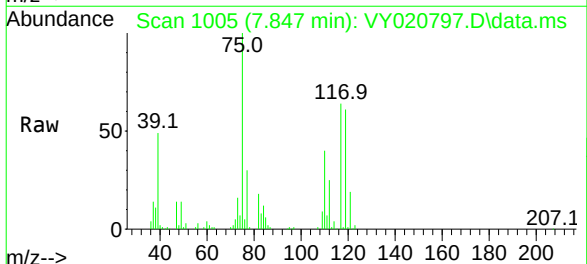
RT: 7.847 min Scan# 1005

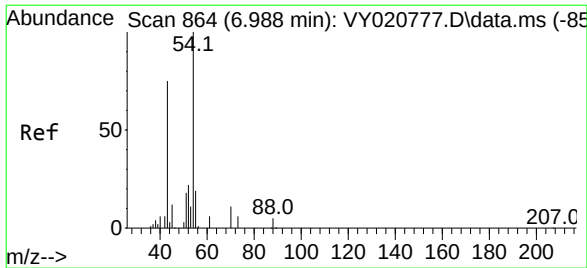
Delta R.T. 0.006 min

Lab File: VY020797.D

Acq: 07 Jan 2025 17:05

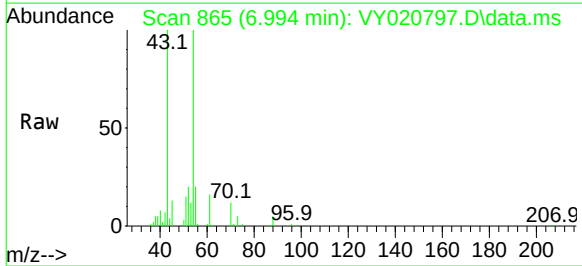
Tgt Ion:	75	Resp:	104039
Ion	Ratio	Lower	Upper
75	100		
110	37.1	18.5	55.5
77	30.1	25.0	37.4





#37
Ethyl Acetate
Concen: 60.046 ug/l
RT: 6.994 min Scan# 86
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

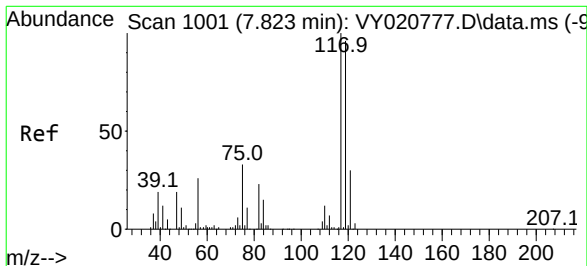
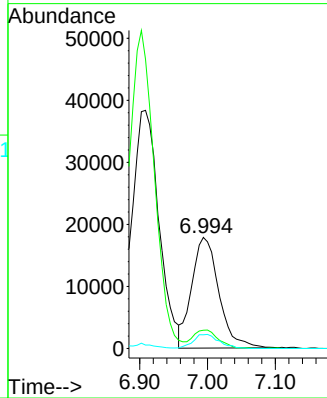
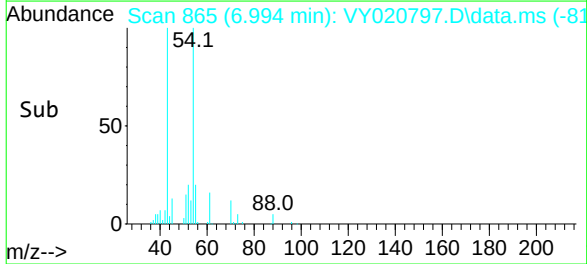
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



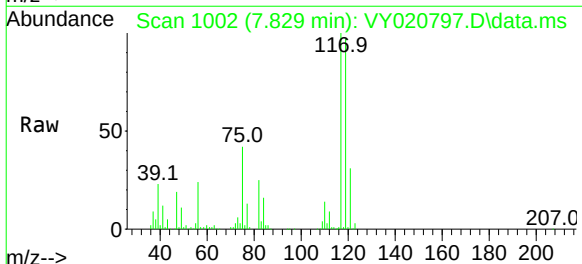
Tgt Ion: 43 Resp: 49596
Ion Ratio Lower Upper
43 100
61 16.1 11.8 17.6
70 12.1 9.8 14.8

Manual Integrations
APPROVED

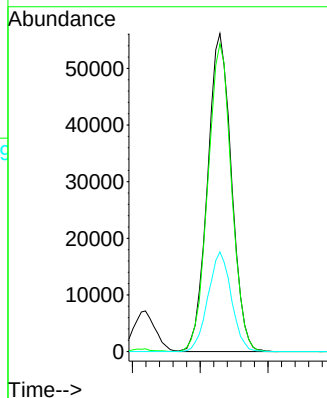
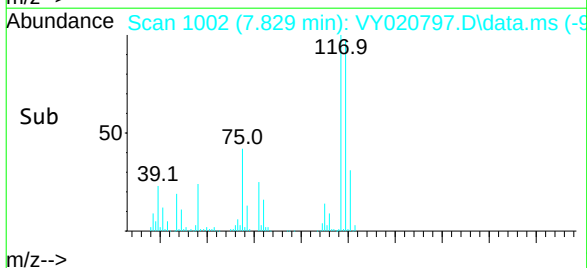
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025

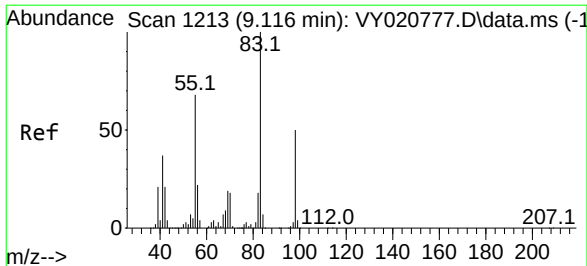


#38
Carbon Tetrachloride
Concen: 47.626 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05



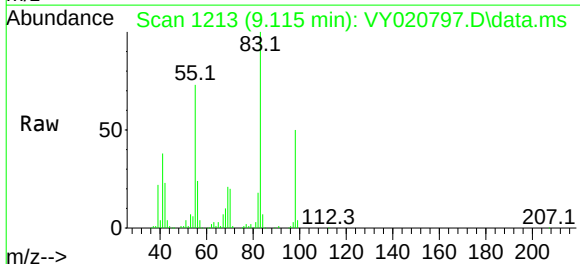
Tgt Ion:117 Resp: 137599
Ion Ratio Lower Upper
117 100
119 96.8 76.5 114.7
121 31.3 24.3 36.5





#39
Methylcyclohexane
Concen: 47.770 ug/l
RT: 9.115 min Scan# 1213
Delta R.T. -0.000 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

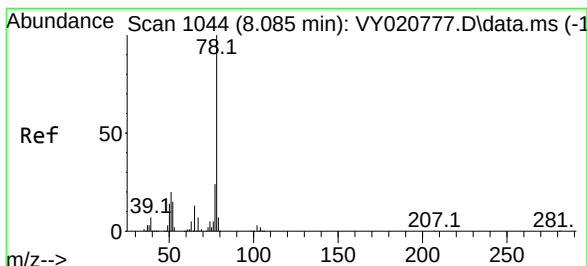
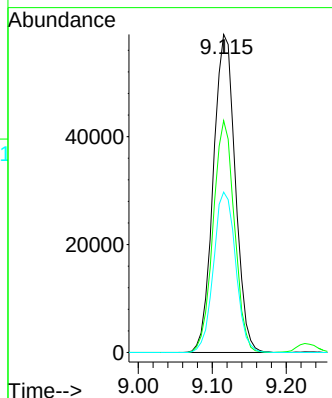
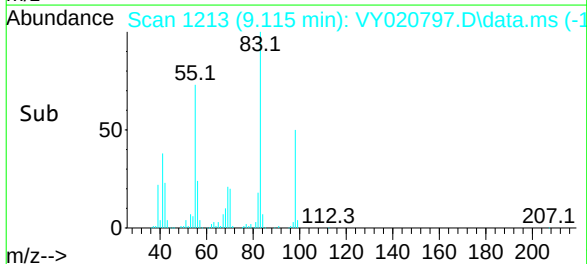
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



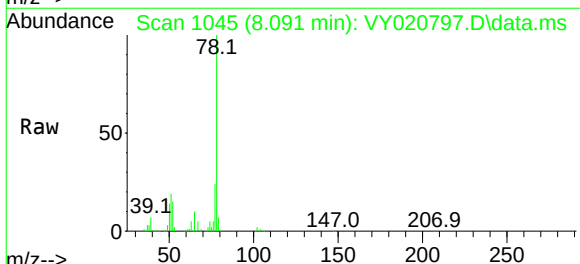
Tgt Ion: 83 Resp: 121668
Ion Ratio Lower Upper
83 100
55 72.9 54.8 82.2
98 50.4 40.0 60.0

Manual Integrations
APPROVED

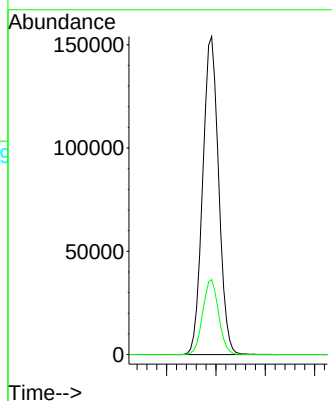
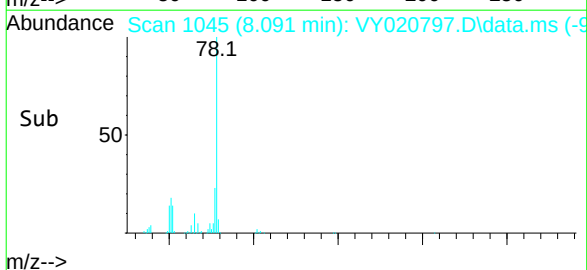
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025

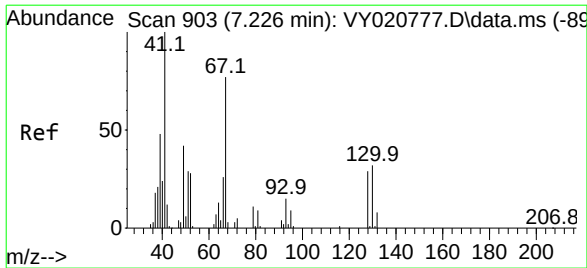


#40
Benzene
Concen: 54.289 ug/l
RT: 8.091 min Scan# 1045
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05



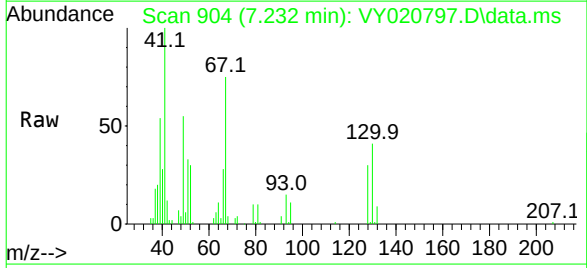
Tgt Ion: 78 Resp: 345829
Ion Ratio Lower Upper
78 100
77 23.6 19.4 29.2





#41
Methacrylonitrile
Concen: 56.411 ug/l
RT: 7.232 min Scan# 903
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

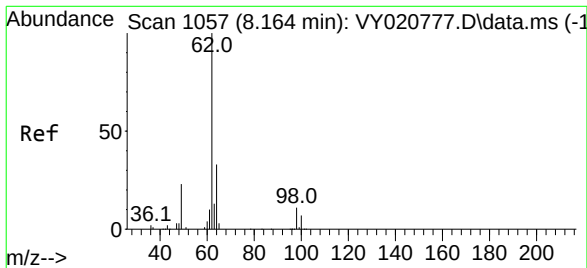
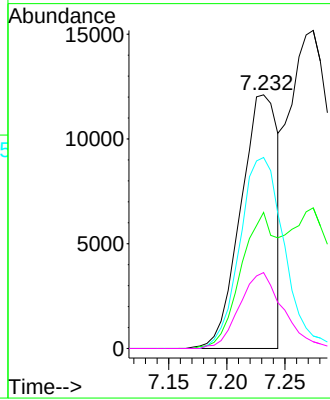
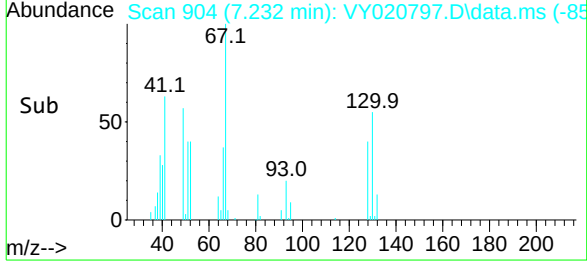
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 26684
Ion Ratio Lower Upper
41 100
39 51.8 42.4 63.6
67 90.8 67.8 101.8
52 35.7 26.2 39.4

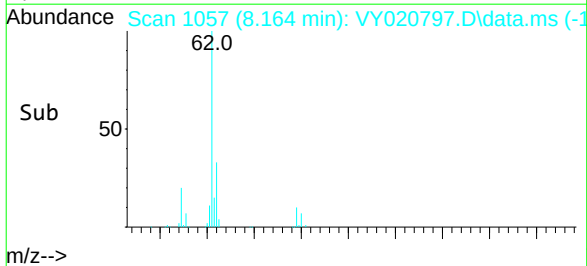
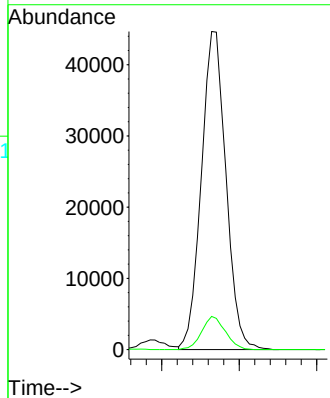
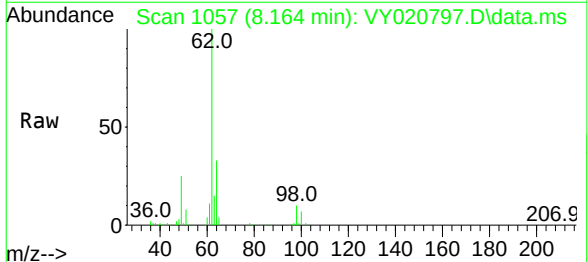
Manual Integrations
APPROVED

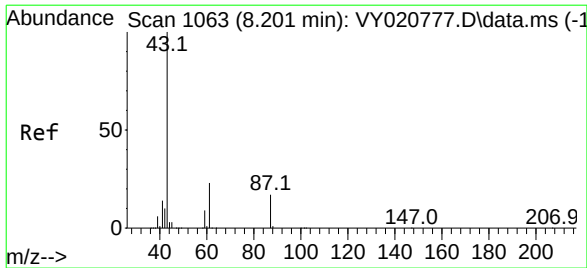
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#42
1,2-Dichloroethane
Concen: 56.703 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

Tgt Ion: 62 Resp: 98641
Ion Ratio Lower Upper
62 100
98 10.0 0.0 19.6





#43

Isopropyl Acetate

Concen: 60.264 ug/l

RT: 8.207 min Scan# 1063

Delta R.T. 0.006 min

Lab File: VY020797.D

Acq: 07 Jan 2025 17:05

Instrument :

MSVOA_Y

ClientSampleId :

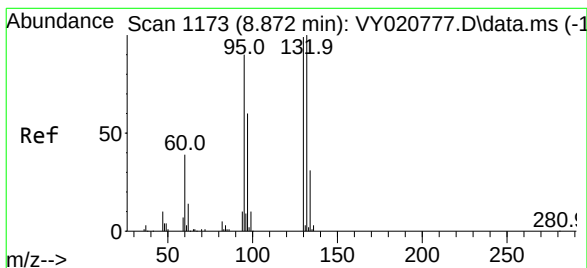
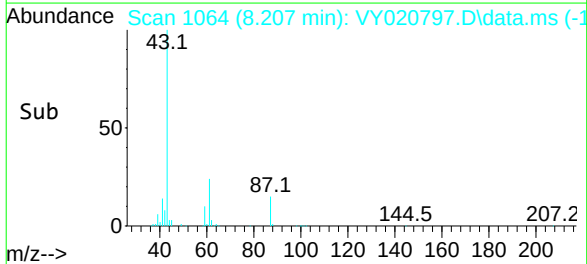
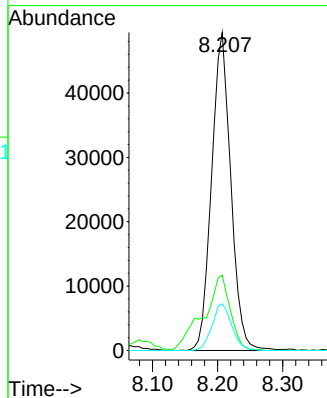
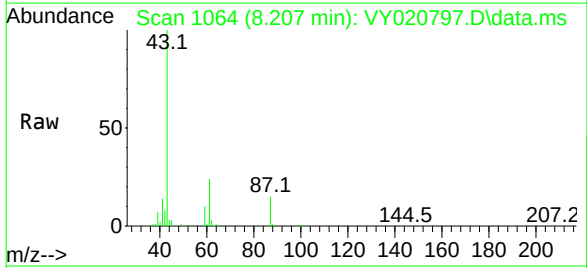
VSTDCCC050EC

Tgt Ion: 43	Resp: 101243
Ion Ratio	Lower Upper
43	100
61	33.2 26.5 39.7
87	15.1 13.4 20.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#44

Trichloroethene

Concen: 50.891 ug/l

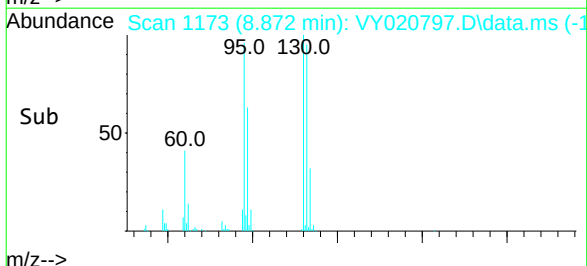
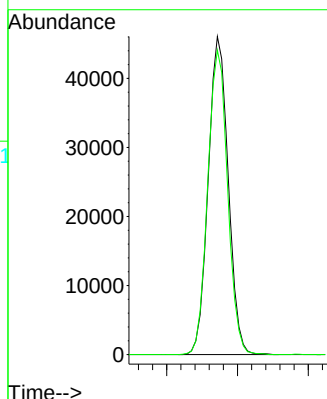
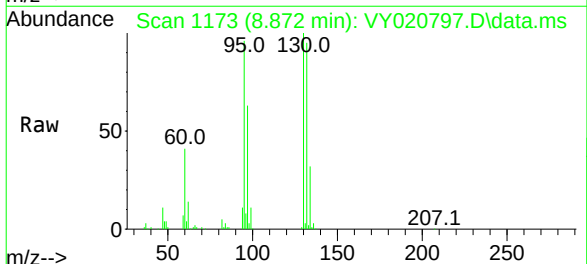
RT: 8.872 min Scan# 1173

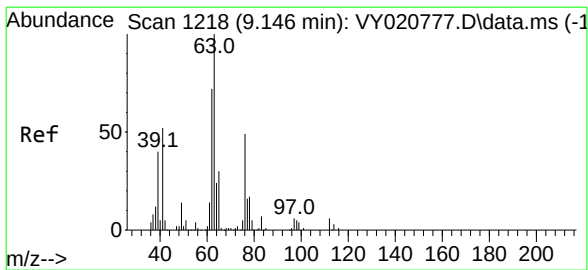
Delta R.T. -0.000 min

Lab File: VY020797.D

Acq: 07 Jan 2025 17:05

Tgt Ion:130	Resp: 90372
Ion Ratio	Lower Upper
130	100
95	95.7 0.0 181.0





#45

1,2-Dichloropropane

Concen: 56.380 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VY020797.D

Acq: 07 Jan 2025 17:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 81420

Ion Ratio Lower Upper

63 100

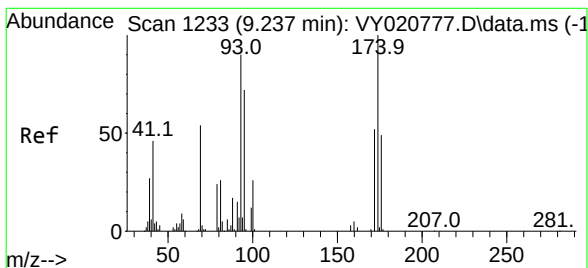
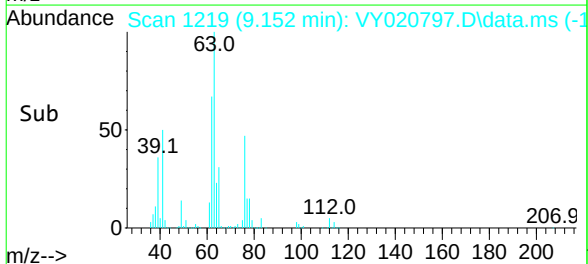
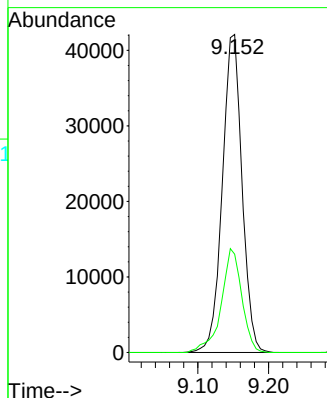
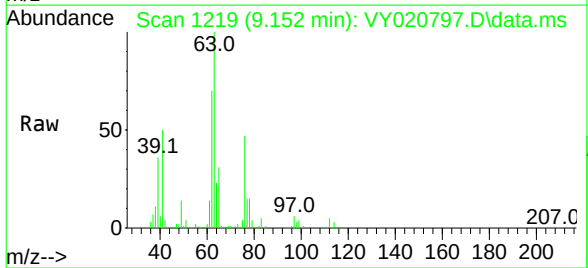
65 30.9 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025

Supervised By :Mahesh Dadoda 01/09/2025



#46

Dibromomethane

Concen: 58.148 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.000 min

Lab File: VY020797.D

Acq: 07 Jan 2025 17:05

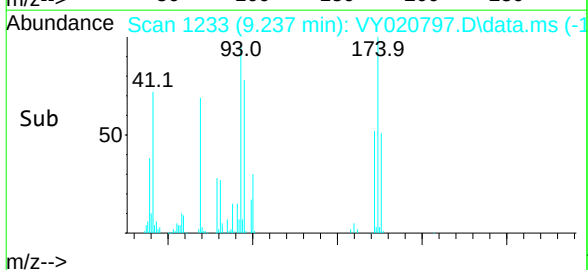
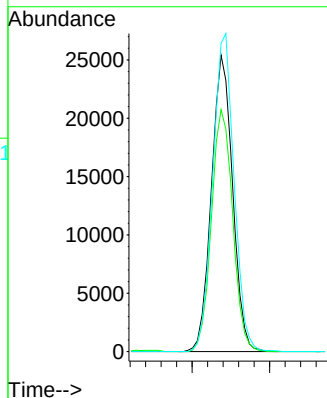
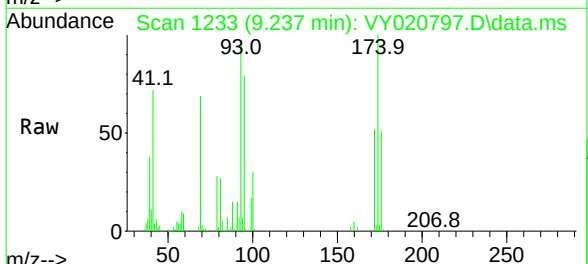
Tgt Ion: 93 Resp: 48220

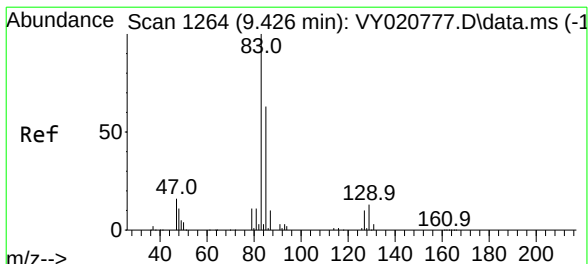
Ion Ratio Lower Upper

93 100

95 81.9 68.2 102.4

174 107.9 89.0 133.6





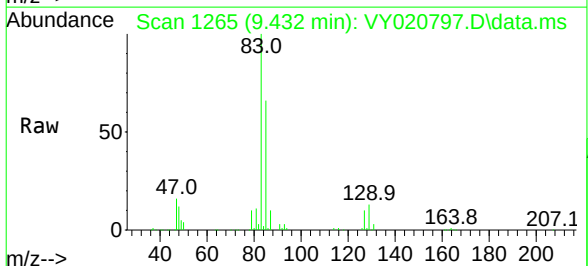
#47
 Bromodichloromethane
 Concen: 55.219 ug/l
 RT: 9.432 min Scan# 1265
 Delta R.T. 0.006 min
 Lab File: VY020797.D
 Acq: 07 Jan 2025 17:05

Instrument :

MSVOA_Y

ClientSampleId :

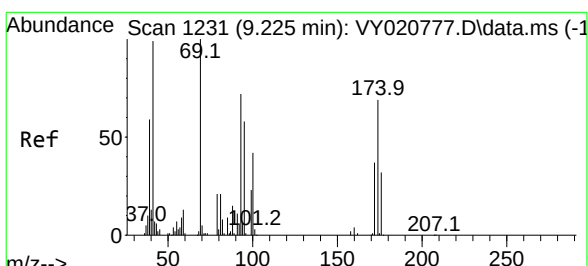
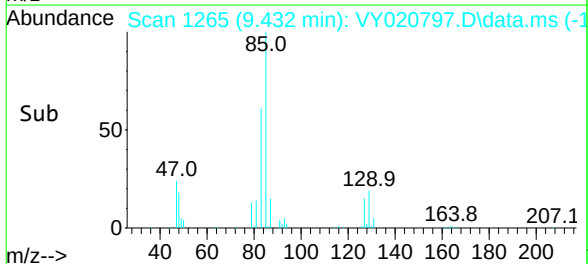
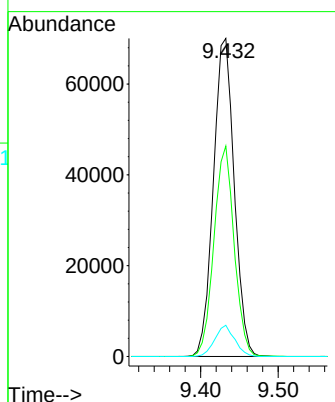
VSTDCCC050EC



Tgt Ion:	83	Resp:	131145
Ion	Ratio	Lower	Upper
83	100		
85	66.2	50.7	76.1
127	9.8	7.9	11.9

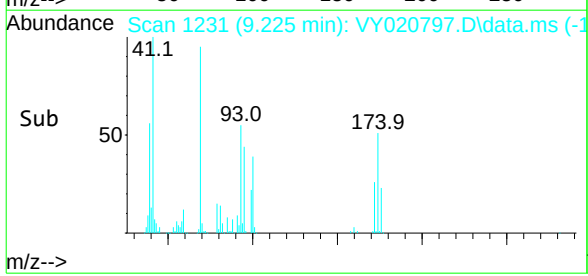
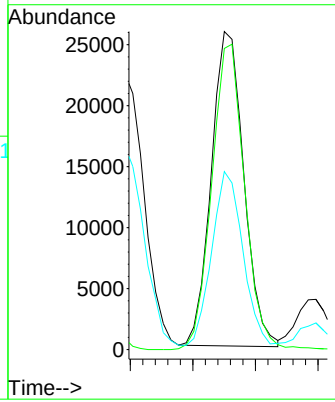
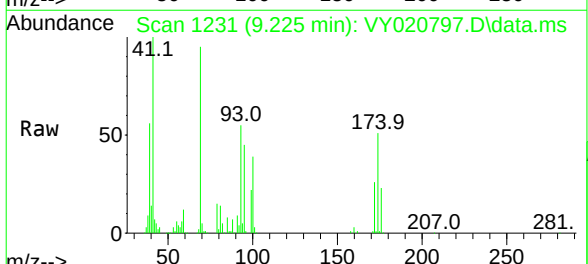
Manual Integrations
 APPROVED

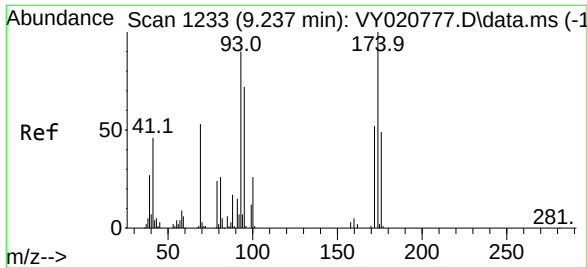
Reviewed By :Semsettin Yesilyurt 01/09/2025
 Supervised By :Mahesh Dadoda 01/09/2025



#48
 Methyl methacrylate
 Concen: 61.761 ug/l
 RT: 9.225 min Scan# 1231
 Delta R.T. -0.000 min
 Lab File: VY020797.D
 Acq: 07 Jan 2025 17:05

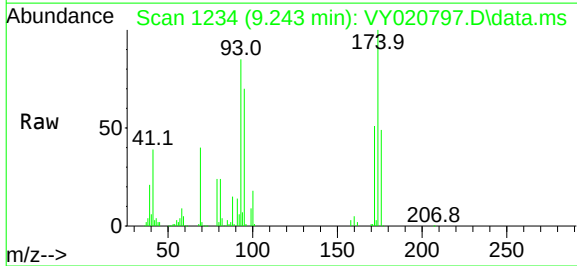
Tgt Ion:	41	Resp:	46516
Ion	Ratio	Lower	Upper
41	100		
69	98.4	78.9	118.3
39	55.8	44.6	67.0





#49
1,4-Dioxane
Concen: 1181.195 ug/l
RT: 9.243 min Scan# 1233
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

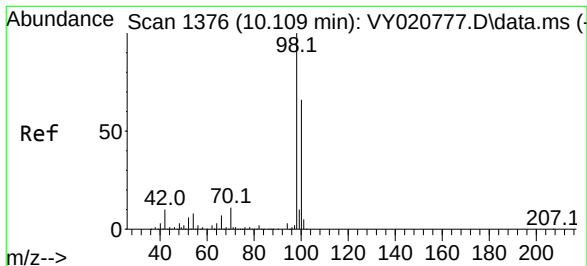
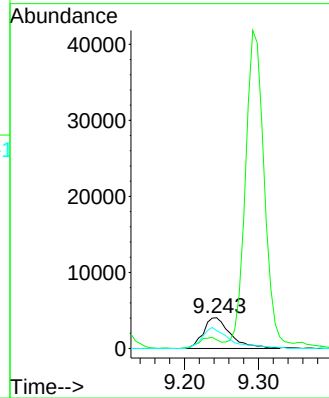
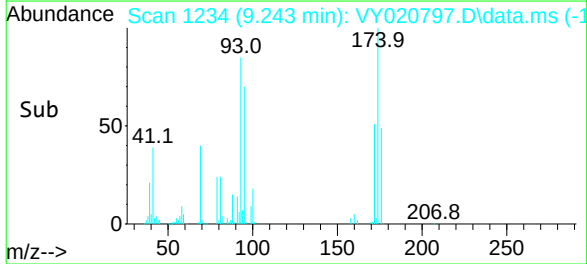
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 10400
Ion Ratio Lower Upper
88 100
43 26.7 24.4 36.6
58 69.5 51.0 76.6

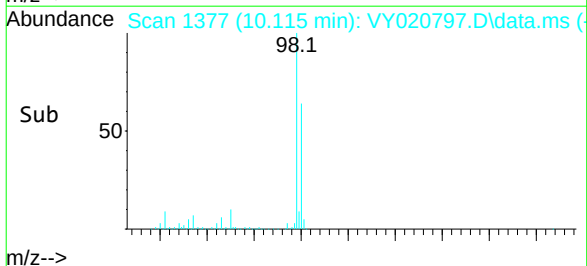
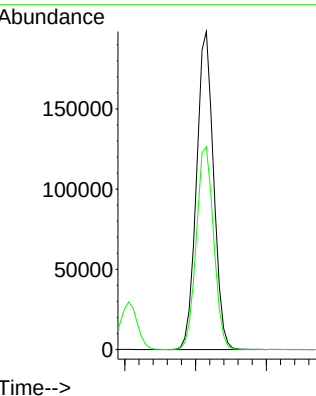
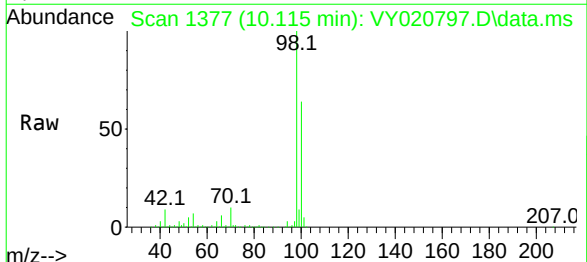
Manual Integrations
APPROVED

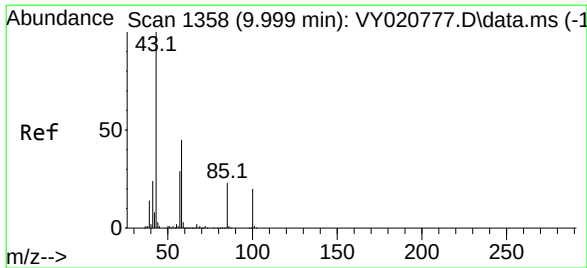
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#50
Toluene-d8
Concen: 58.533 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

Tgt Ion: 98 Resp: 332037
Ion Ratio Lower Upper
98 100
100 65.0 52.5 78.7





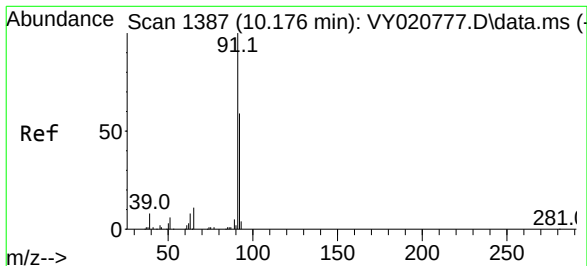
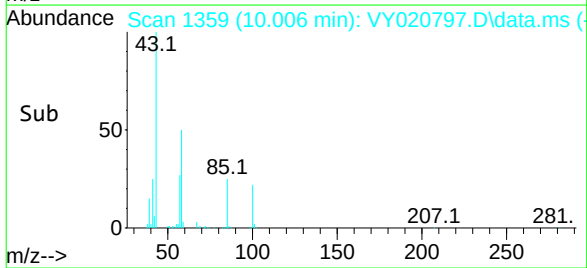
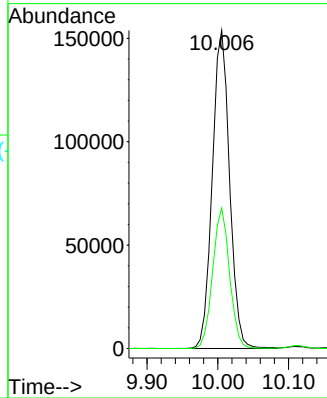
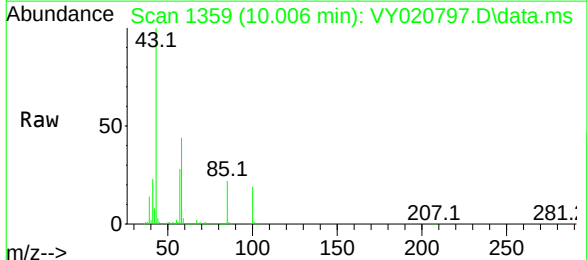
#51
4-Methyl-2-Pentanone
Concen: 310.696 ug/l
RT: 10.006 min Scan# 1358
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 260766
Ion Ratio Lower Upper
43 100
58 43.2 34.8 52.2

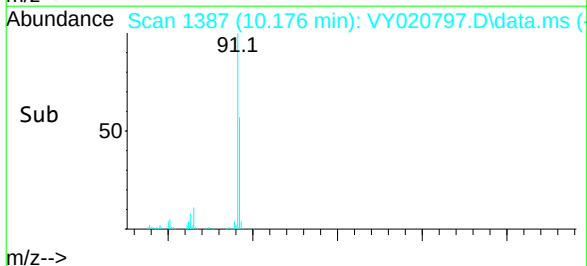
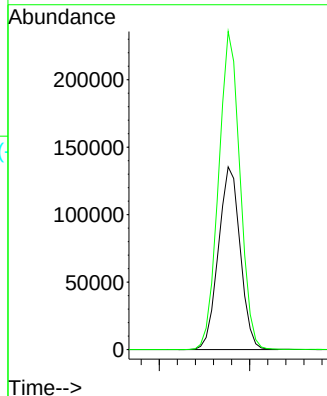
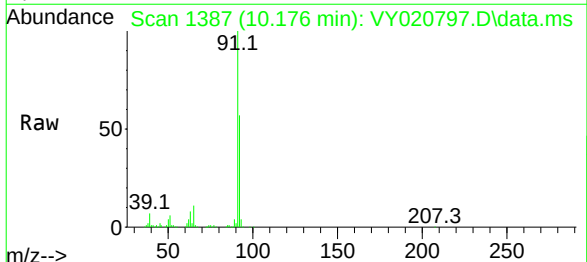
Manual Integrations
APPROVED

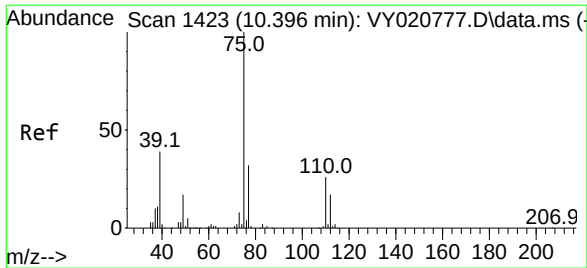
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#52
Toluene
Concen: 53.844 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

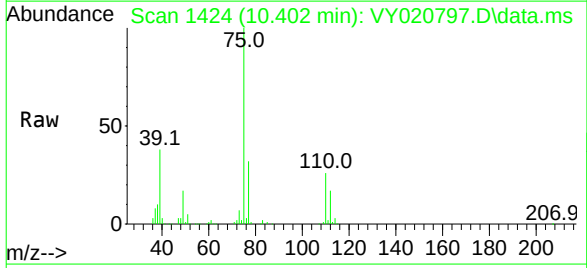
Tgt Ion: 92 Resp: 227128
Ion Ratio Lower Upper
92 100
91 170.7 136.6 204.8





#53
t-1,3-Dichloropropene
Concen: 56.148 ug/l
RT: 10.402 min Scan# 1423
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

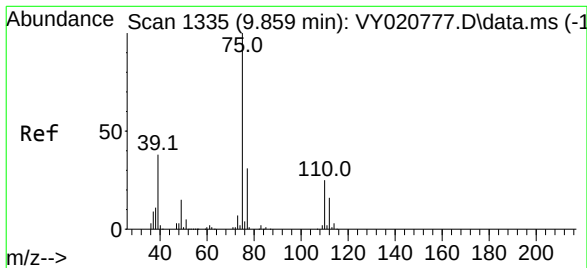
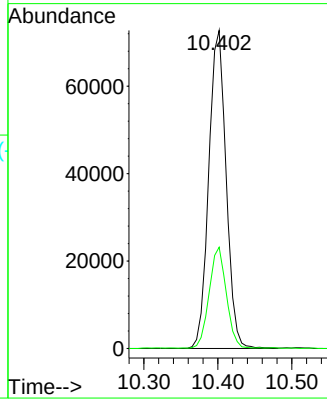
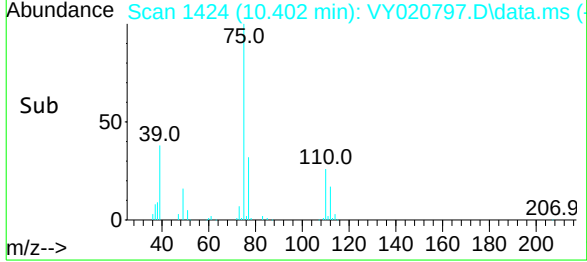
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



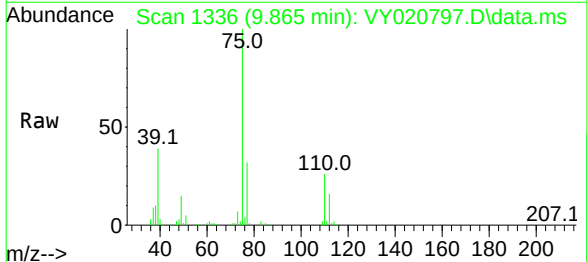
Tgt Ion: 75 Resp: 118602
Ion Ratio Lower Upper
75 100
77 31.8 25.2 37.8

Manual Integrations
APPROVED

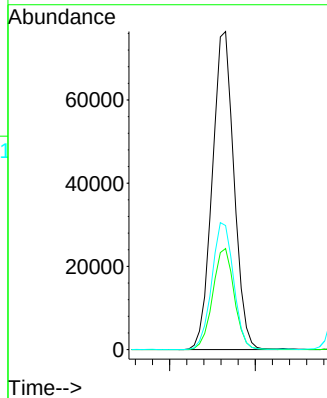
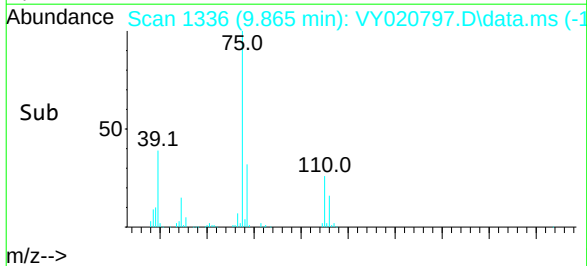
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025

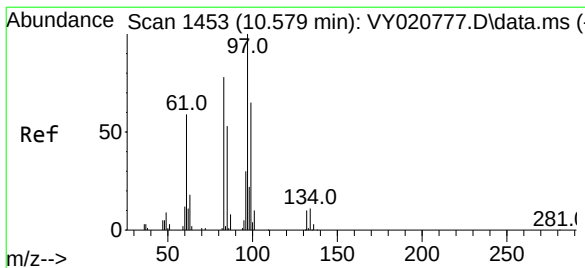


#54
cis-1,3-Dichloropropene
Concen: 54.880 ug/l
RT: 9.865 min Scan# 1336
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05



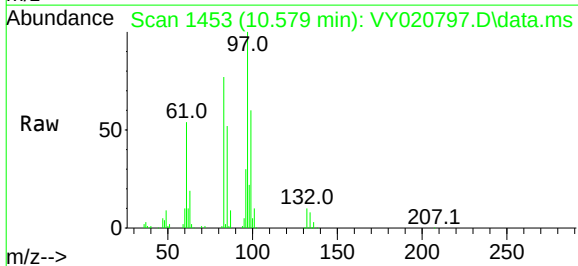
Tgt Ion: 75 Resp: 134632
Ion Ratio Lower Upper
75 100
77 31.8 24.5 36.7
39 39.0 30.7 46.1





#55
1,1,2-Trichloroethane
Concen: 57.087 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. -0.000 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

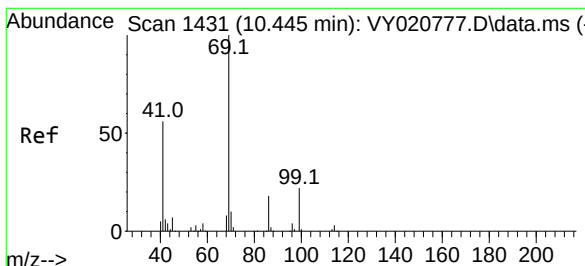
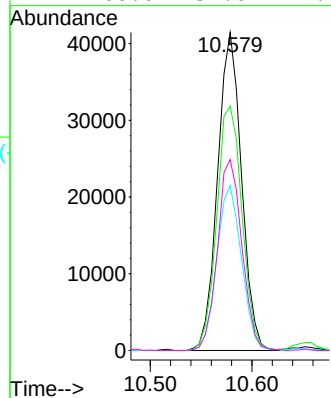
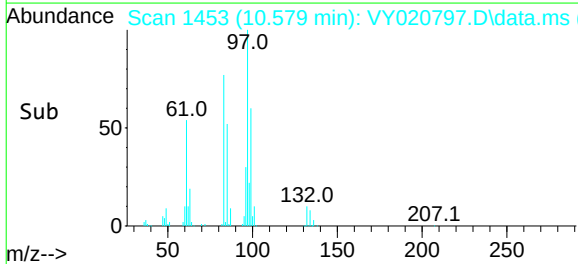
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	97	Resp:	67632
Ion	Ratio	Lower	Upper
97	100		
83	76.8	62.8	94.2
85	51.9	42.4	63.6
99	60.0	51.6	77.4

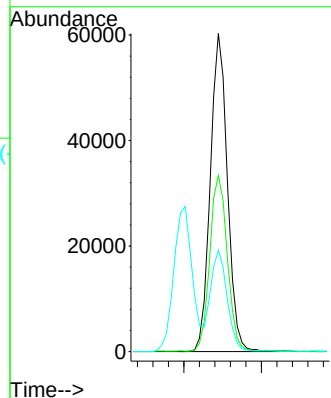
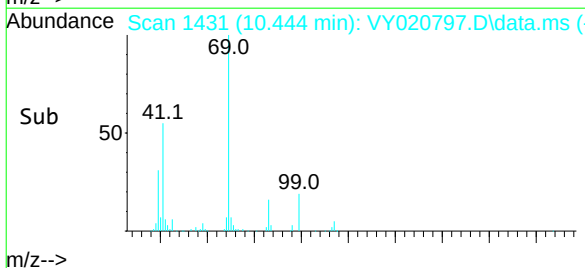
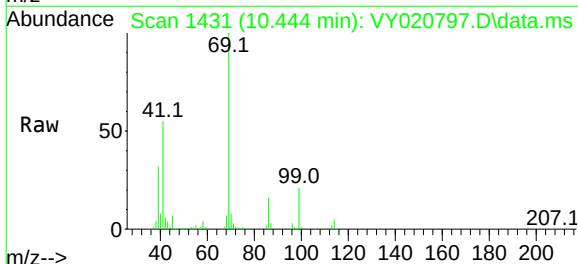
Manual Integrations
APPROVED

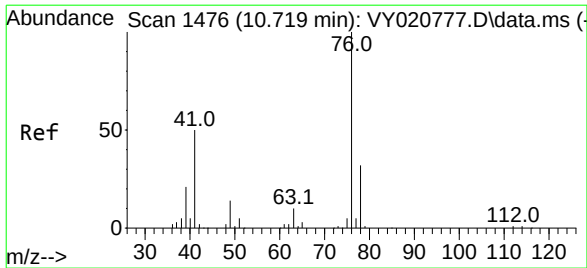
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#56
Ethyl methacrylate
Concen: 61.766 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

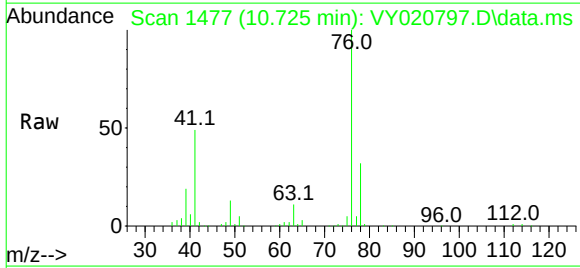
Tgt Ion:	69	Resp:	92414
Ion	Ratio	Lower	Upper
69	100		
41	56.2	46.6	69.8
39	30.6	25.7	38.5





#57
1,3-Dichloropropane
Concen: 58.383 ug/l
RT: 10.725 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

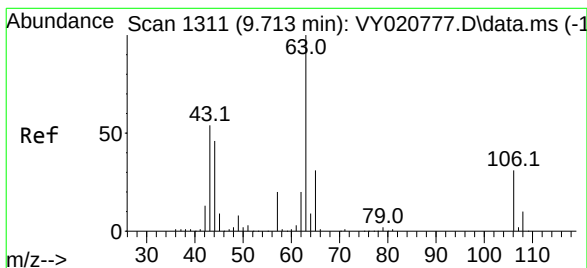
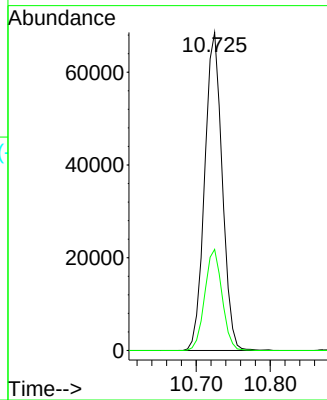
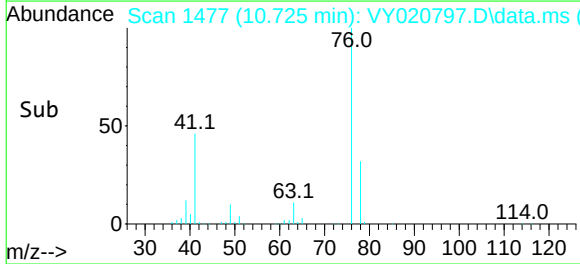
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 112746
Ion Ratio Lower Upper
76 100
78 31.4 26.1 39.1

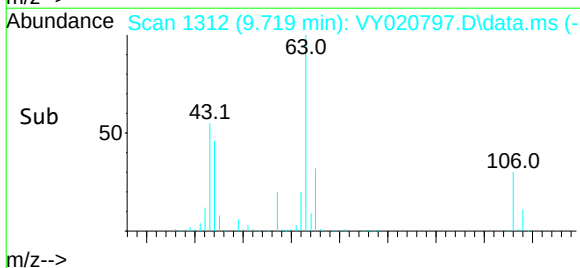
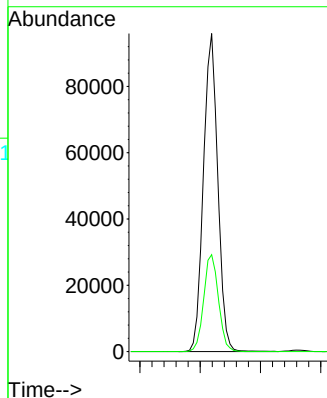
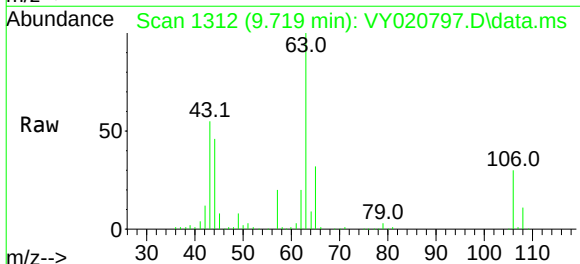
Manual Integrations
APPROVED

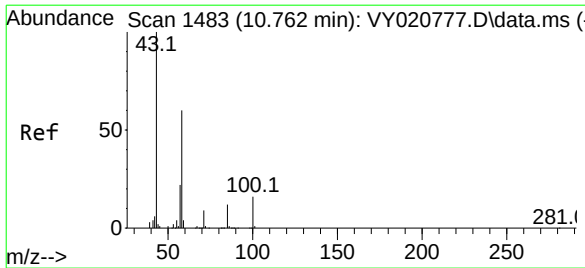
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#58
2-Chloroethyl Vinyl ether
Concen: 267.260 ug/l
RT: 9.719 min Scan# 1312
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

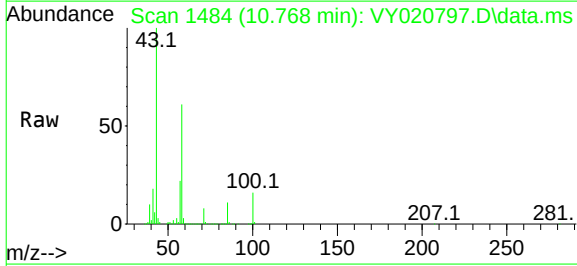
Tgt Ion: 63 Resp: 158634
Ion Ratio Lower Upper
63 100
106 31.2 25.9 38.9





#59
2-Hexanone
Concen: 321.056 ug/l
RT: 10.768 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

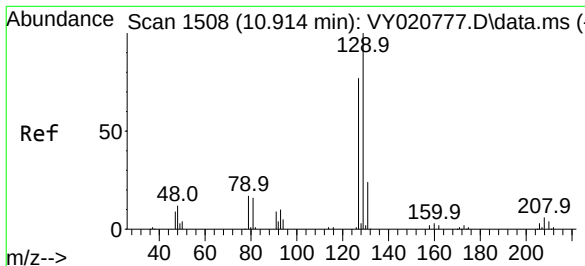
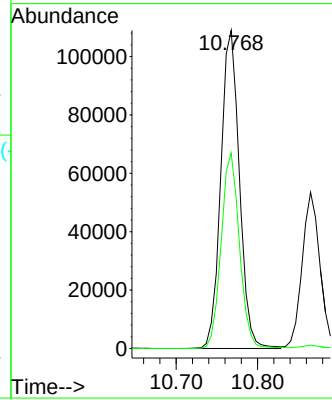
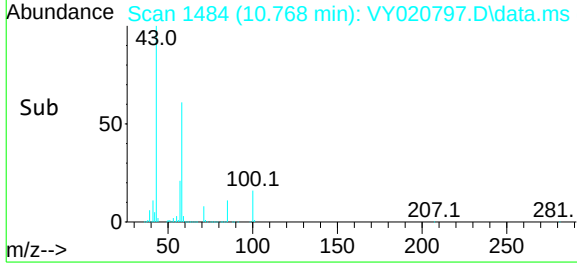
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 172872
Ion Ratio Lower Upper
43 100
58 60.5 30.6 92.0

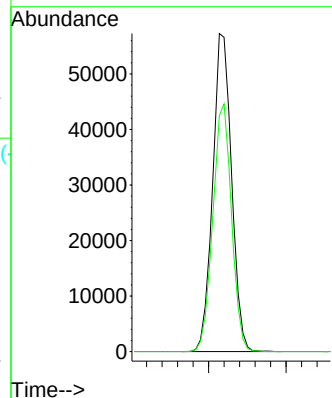
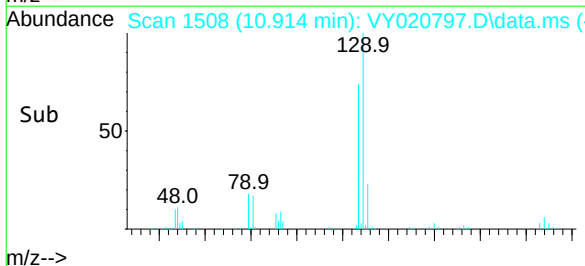
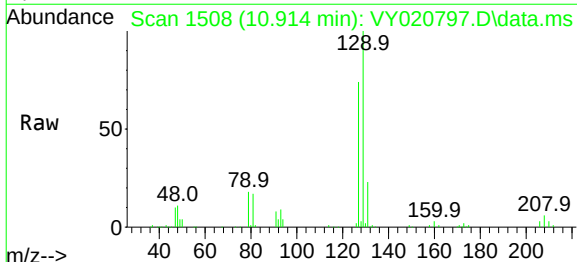
Manual Integrations
APPROVED

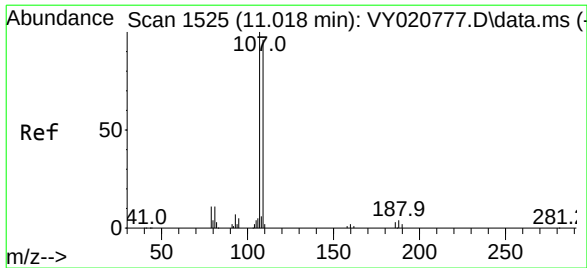
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#60
Dibromochloromethane
Concen: 56.338 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

Tgt Ion:129 Resp: 96802
Ion Ratio Lower Upper
129 100
127 77.2 38.3 114.9





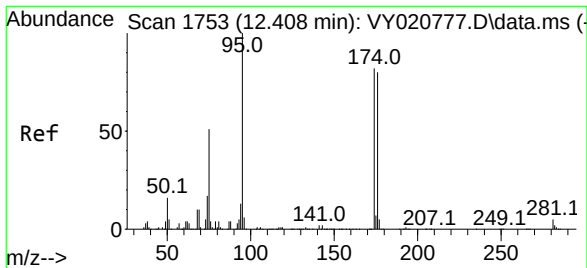
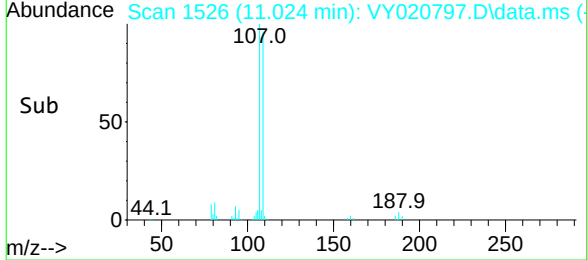
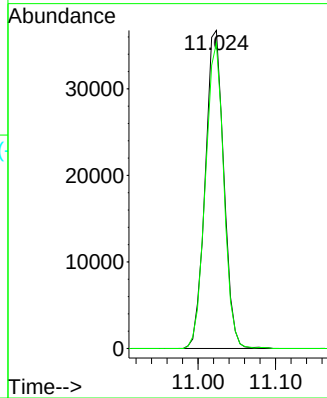
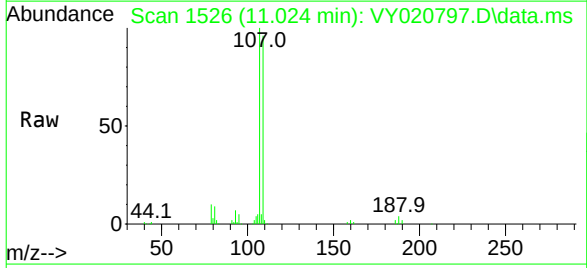
#61
1,2-Dibromoethane
Concen: 57.556 ug/l
RT: 11.024 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 107 Resp: 61217
Ion Ratio Lower Upper
107 100
109 95.4 75.5 113.3

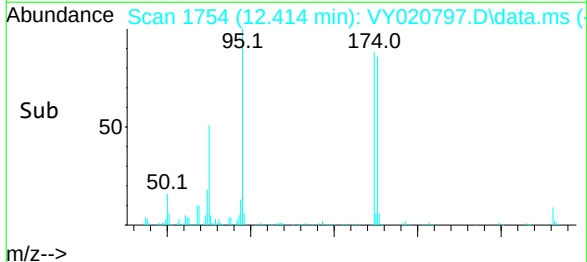
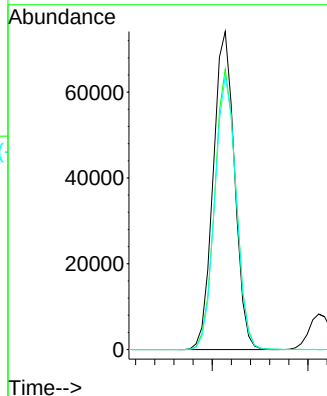
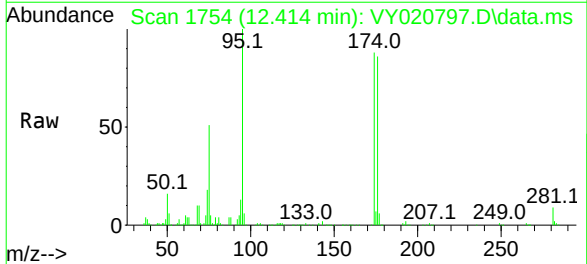
Manual Integrations
APPROVED

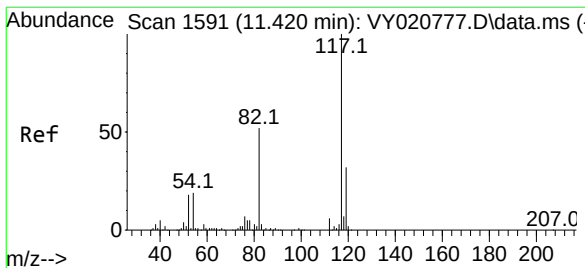
Reviewed By : Semsettin Yesilyurt 01/09/2025
Supervised By : Mahesh Dadoda 01/09/2025



#62
4-Bromofluorobenzene
Concen: 54.828 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

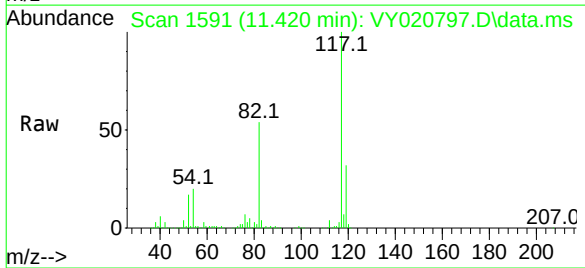
Tgt Ion: 95 Resp: 114853
Ion Ratio Lower Upper
95 100
174 88.0 0.0 178.0
176 86.2 0.0 172.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

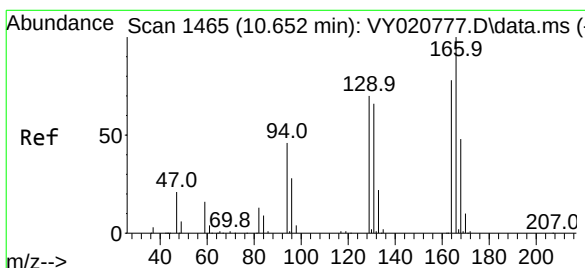
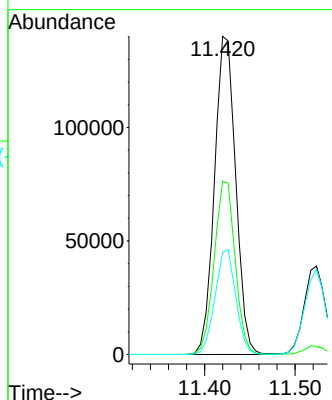
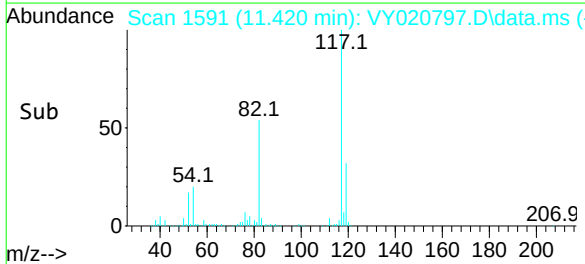
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



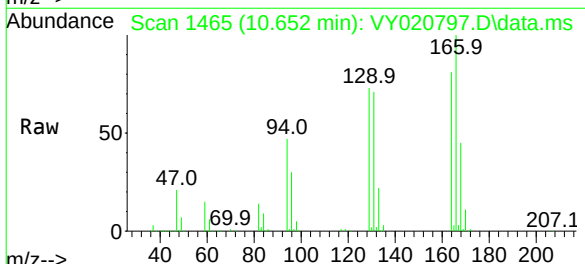
Tgt Ion:117 Resp: 228670
Ion Ratio Lower Upper
117 100
82 54.4 41.8 62.6
119 32.1 25.8 38.8

Manual Integrations
APPROVED

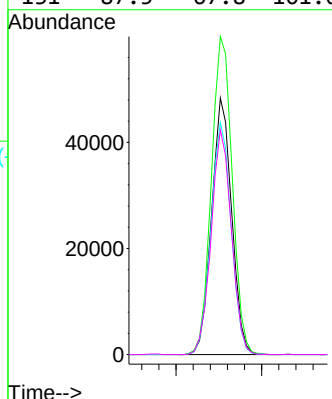
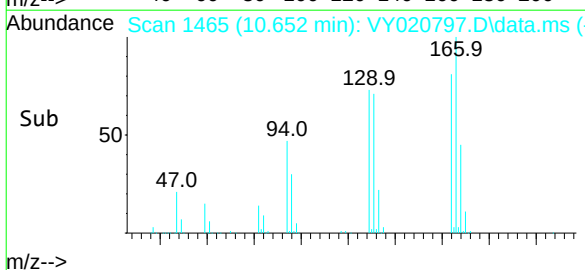
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025

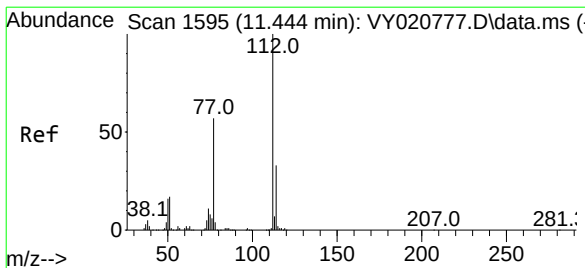


#64
Tetrachloroethene
Concen: 46.898 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05



Tgt Ion:164 Resp: 78846
Ion Ratio Lower Upper
164 100
166 124.0 102.0 153.0
129 90.5 71.4 107.2
131 87.5 67.8 101.6





#65

Chlorobenzene

Concen: 51.367 ug/l

RT: 11.450 min Scan# 1596

Delta R.T. 0.006 min

Lab File: VY020797.D

Acq: 07 Jan 2025 17:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:112 Resp: 259706

Ion Ratio Lower Upper

112 100

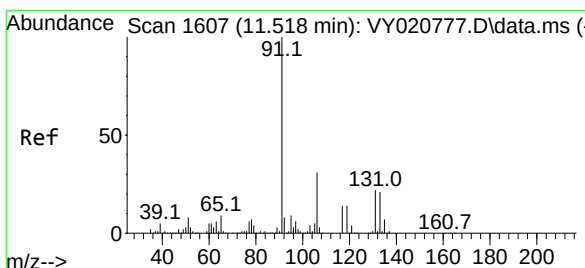
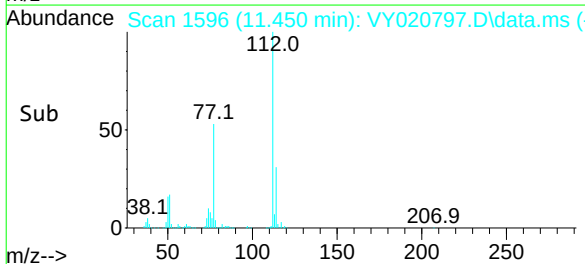
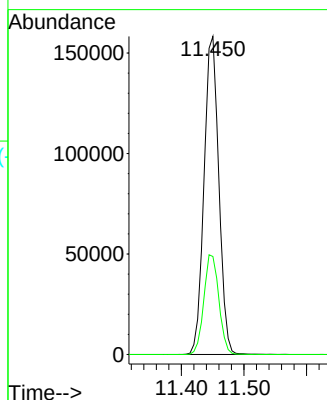
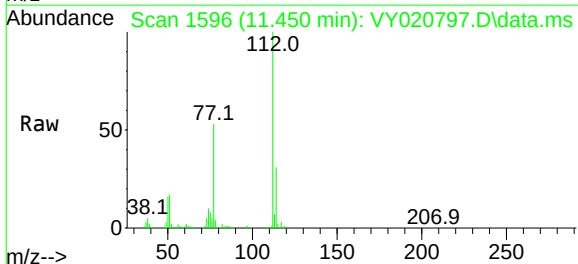
114 30.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025

Supervised By :Mahesh Dadoda 01/09/2025



#66

1,1,1,2-Tetrachloroethane

Concen: 51.092 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY020797.D

Acq: 07 Jan 2025 17:05

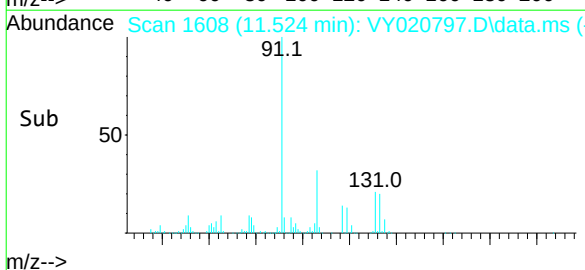
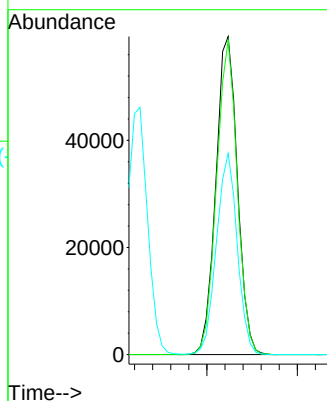
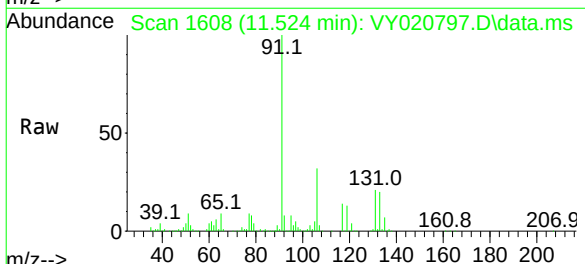
Tgt Ion:131 Resp: 98337

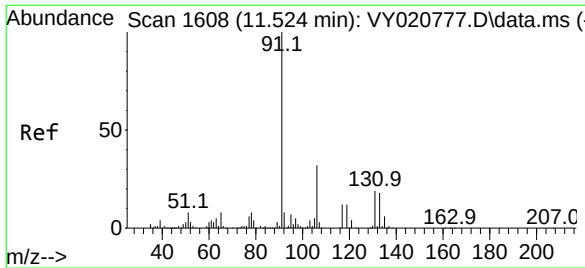
Ion Ratio Lower Upper

131 100

133 95.0 46.9 140.8

119 61.1 30.2 90.6





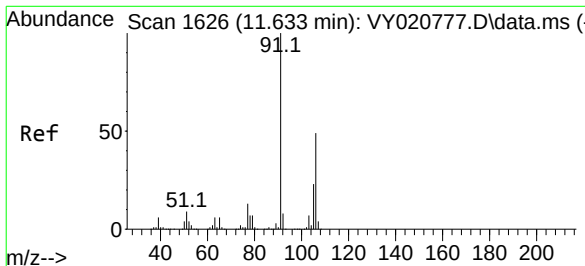
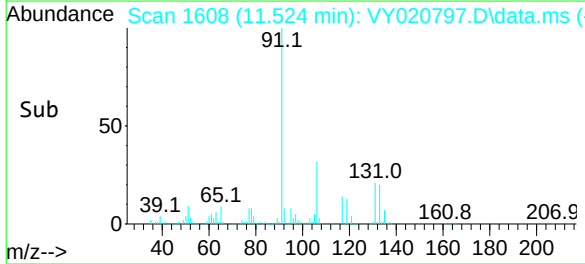
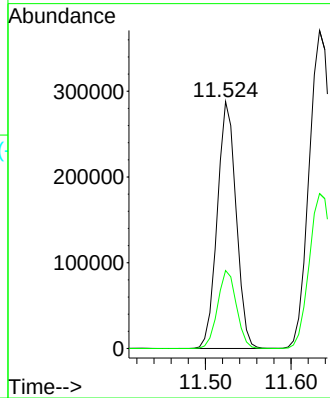
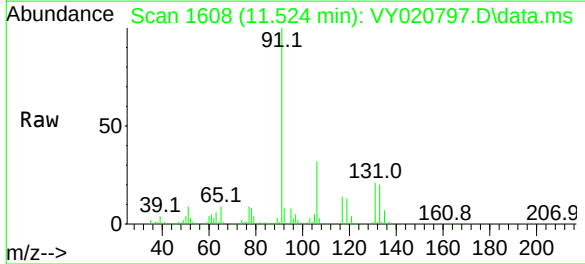
#67
Ethyl Benzene
Concen: 50.332 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. -0.000 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050EC

Tgt Ion: 91 Resp: 440570
Ion Ratio Lower Upper
91 100
106 31.6 25.5 38.3

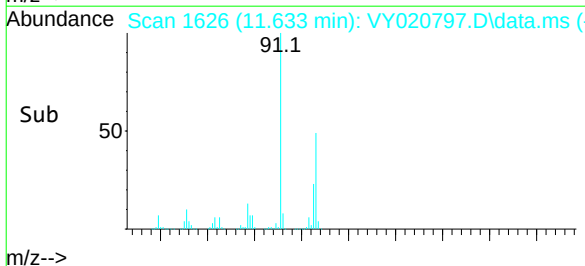
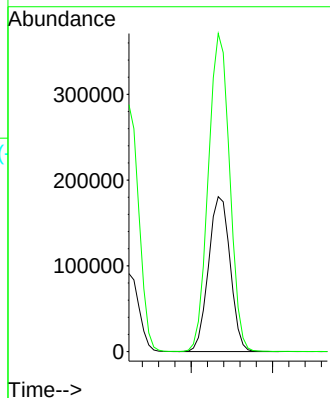
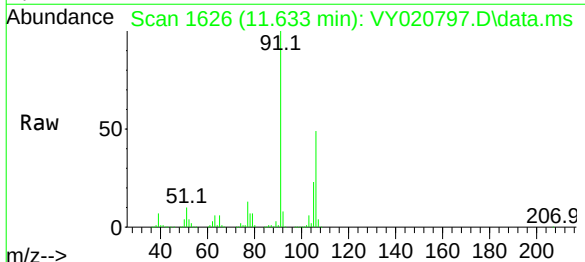
Manual Integrations
APPROVED

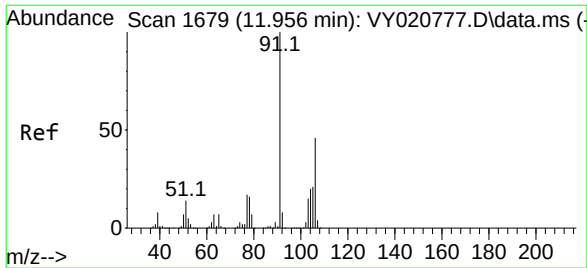
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#68
m/p-Xylenes
Concen: 99.367 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

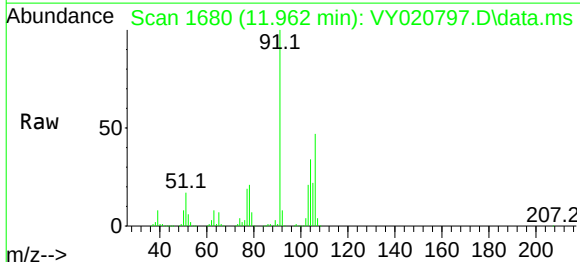
Tgt Ion:106 Resp: 334883
Ion Ratio Lower Upper
106 100
91 201.6 162.6 243.8





#69
o-Xylene
Concen: 50.736 ug/l
RT: 11.962 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

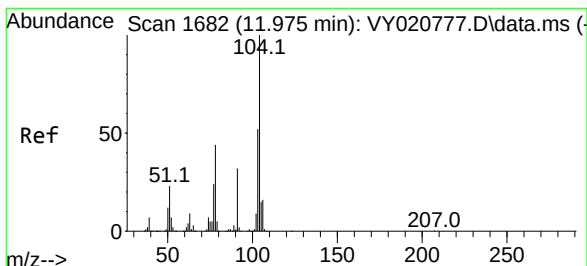
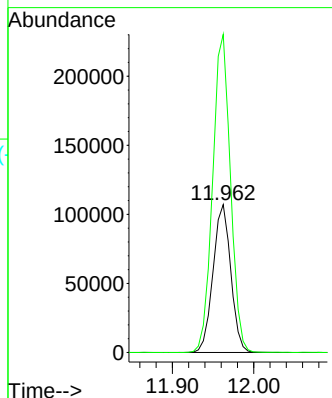
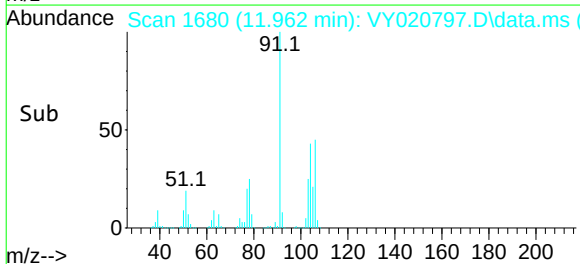
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 162123
Ion Ratio Lower Upper
106 100
91 215.9 108.2 324.6

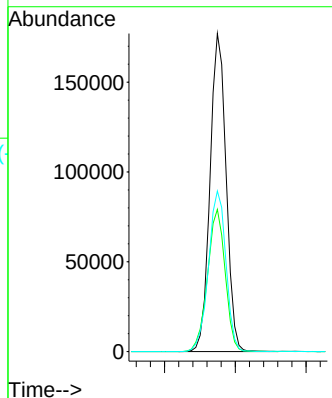
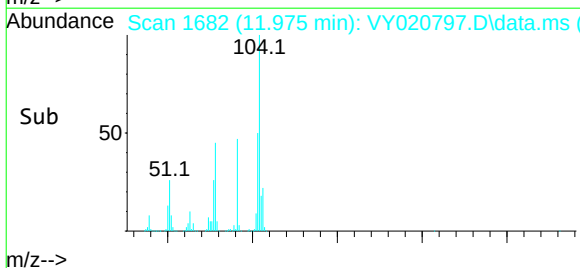
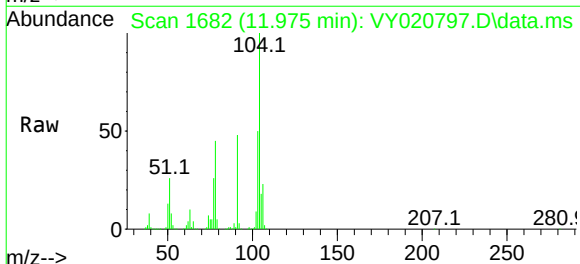
Manual Integrations
APPROVED

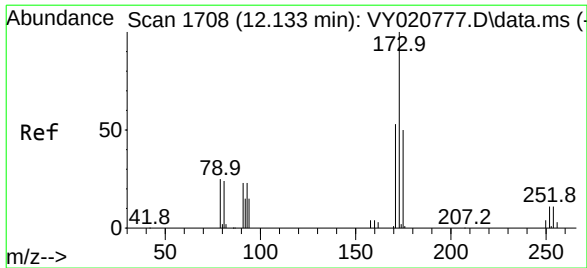
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#70
Styrene
Concen: 52.027 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

Tgt Ion:104 Resp: 279854
Ion Ratio Lower Upper
104 100
78 49.0 39.4 59.2
103 54.8 44.0 66.0





#71

Bromoform

Concen: 53.524 ug/l

RT: 12.139 min Scan# 1708

Delta R.T. 0.006 min

Lab File: VY020797.D

Acq: 07 Jan 2025 17:05

Instrument :

MSVOA_Y

ClientSampleId :

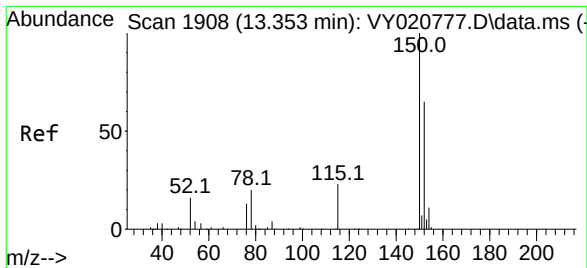
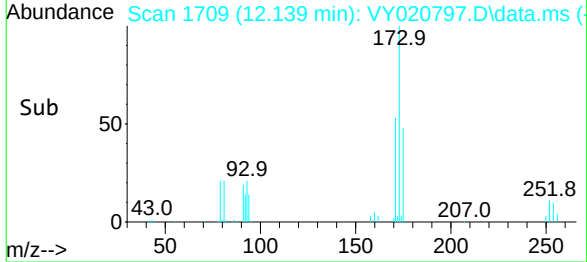
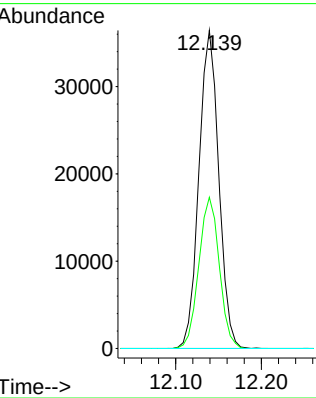
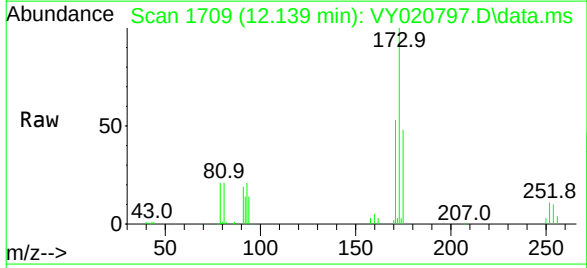
VSTDCCC050EC

Tgt Ion:	173	Resp:	58564
Ion Ratio	Lower	Upper	
173	100		
175	49.1	24.2	72.6
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

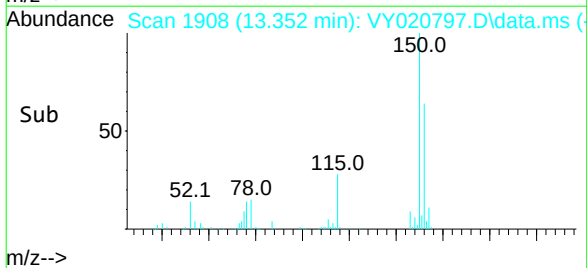
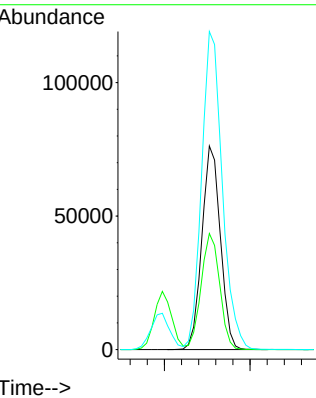
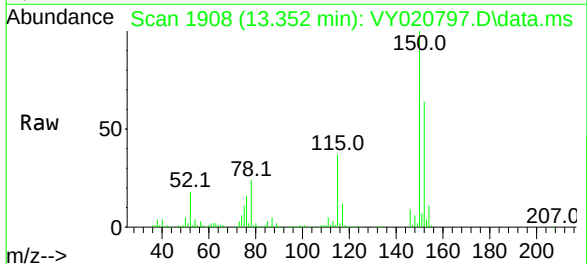
RT: 13.352 min Scan# 1908

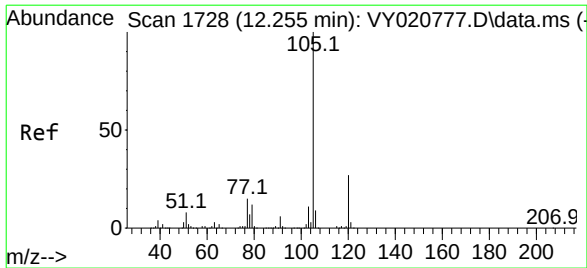
Delta R.T. -0.000 min

Lab File: VY020797.D

Acq: 07 Jan 2025 17:05

Tgt Ion:	152	Resp:	114364
Ion Ratio	Lower	Upper	
152	100		
115	57.2	29.0	87.0
150	174.3	0.0	347.4





#73

Isopropylbenzene

Concen: 47.553 ug/l

RT: 12.261 min Scan# 1728

Delta R.T. 0.006 min

Lab File: VY020797.D

Acq: 07 Jan 2025 17:05

Instrument :

MSVOA_Y

ClientSampleId :

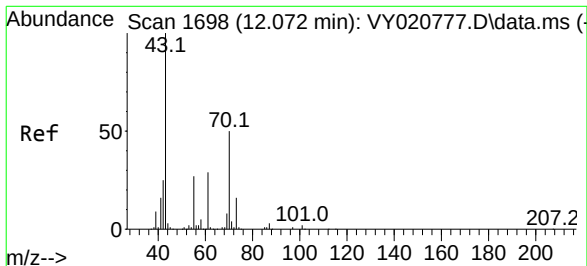
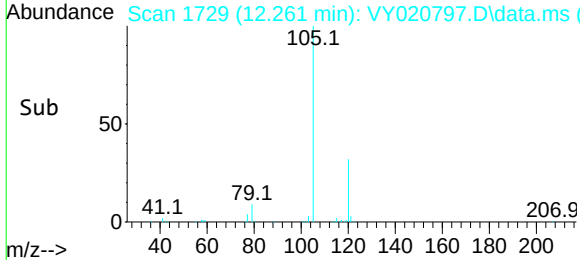
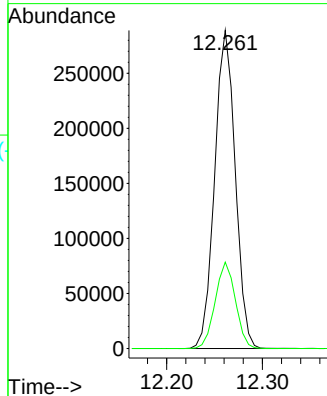
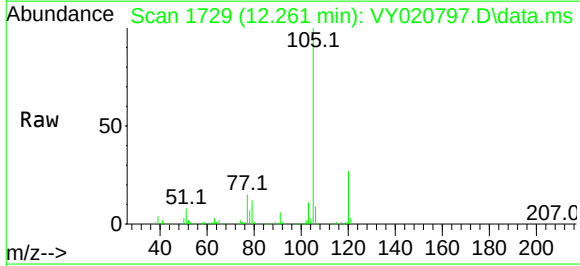
VSTDCCC050EC

Tgt Ion: 105 Resp: 431434
 Ion Ratio Lower Upper
 105 100
 120 26.6 13.3 39.9

Manual Integrations

APPROVED

Reviewed By : Semsettin Yesilyurt 01/09/2025
 Supervised By : Mahesh Dadoda 01/09/2025



#74

N-ethyl acetate

Concen: 58.641 ug/l

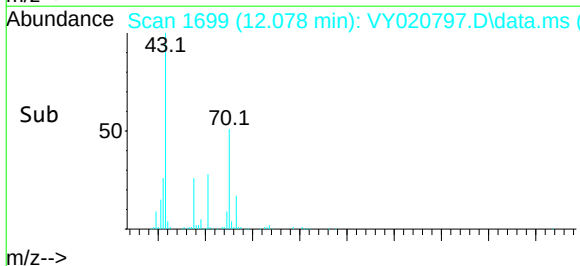
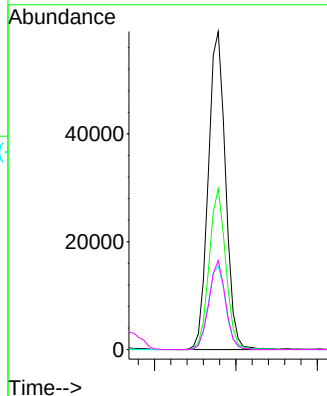
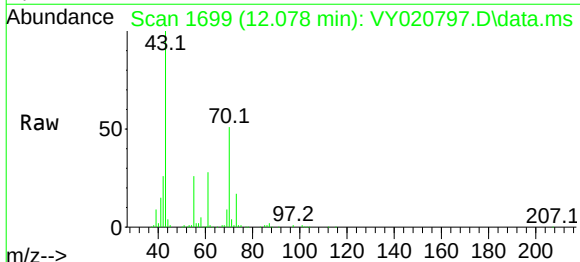
RT: 12.078 min Scan# 1699

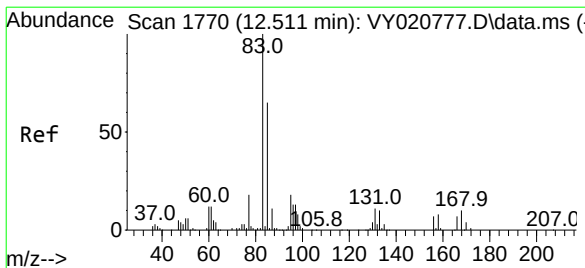
Delta R.T. 0.006 min

Lab File: VY020797.D

Acq: 07 Jan 2025 17:05

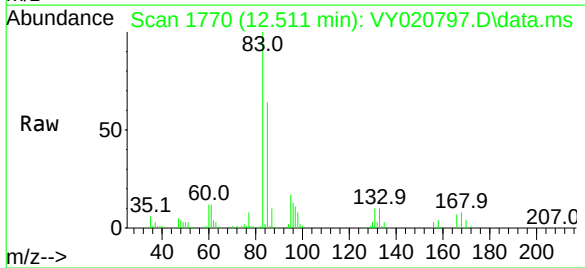
Tgt Ion: 43 Resp: 87027
 Ion Ratio Lower Upper
 43 100
 70 48.6 40.2 60.4
 55 26.8 21.2 31.8
 61 26.9 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 54.572 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. -0.000 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

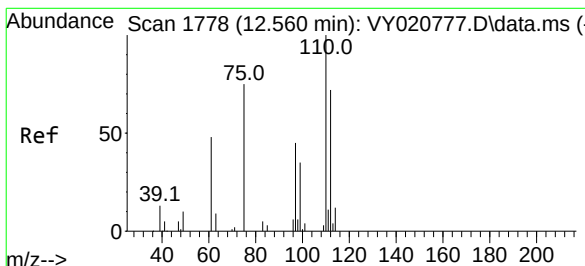
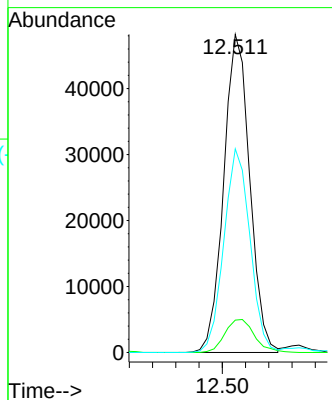
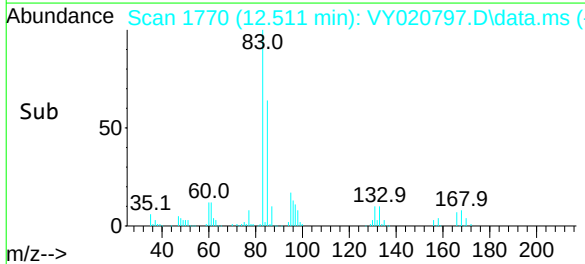
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 75042
Ion Ratio Lower Upper
83 100
131 11.8 6.0 18.0
85 64.1 32.0 96.2

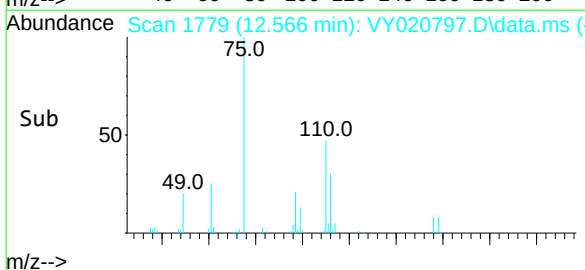
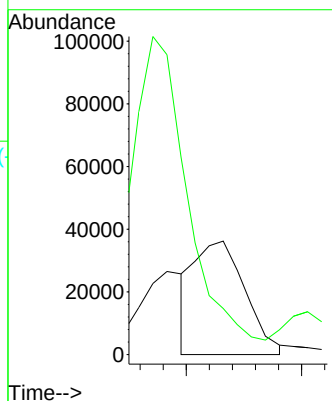
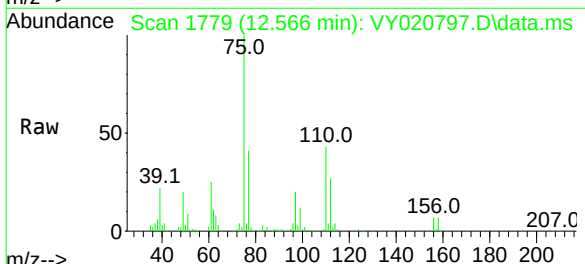
Manual Integrations
APPROVED

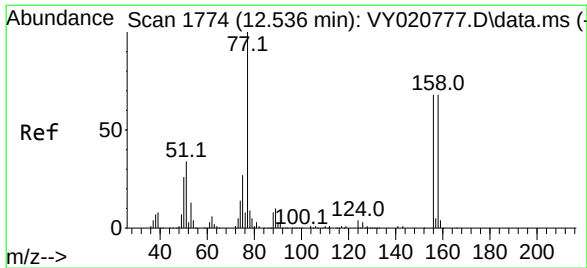
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#76
1,2,3-Trichloropropane
Concen: 55.687 ug/l m
RT: 12.566 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

Tgt Ion: 75 Resp: 55724
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





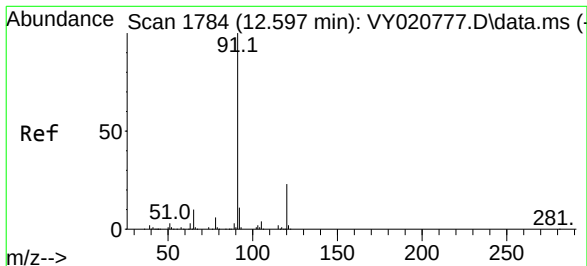
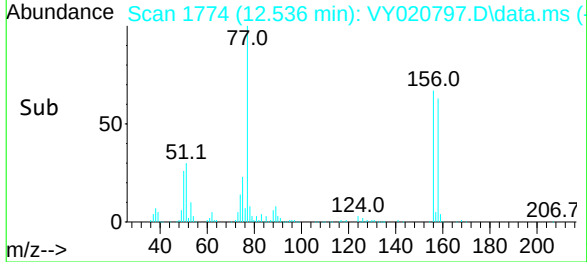
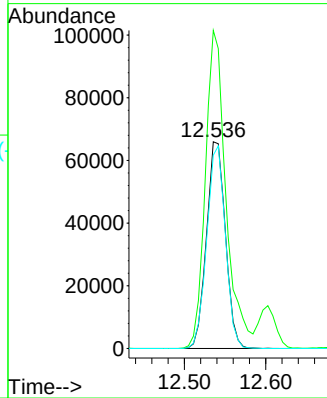
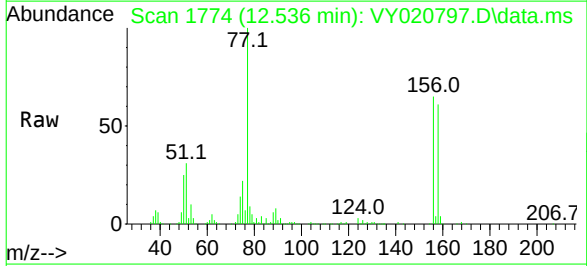
#77
Bromobenzene
Concen: 50.921 ug/l
RT: 12.536 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 156 Resp: 106516
Ion Ratio Lower Upper
156 100
77 167.3 82.3 247.0
158 96.4 48.0 144.0

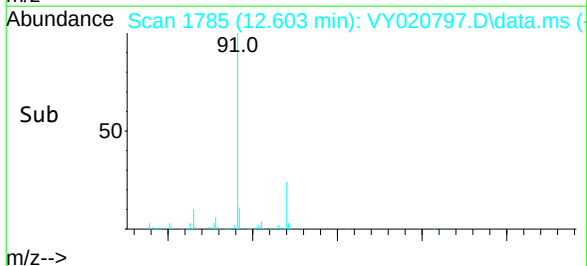
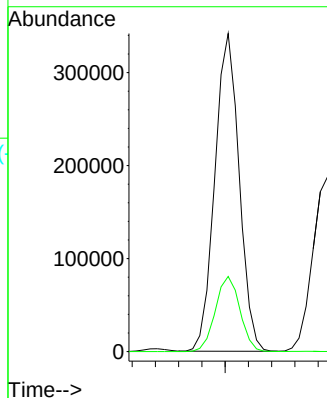
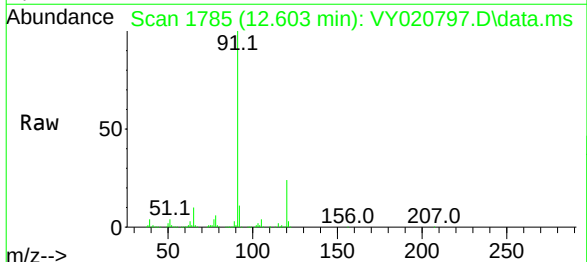
Manual Integrations
APPROVED

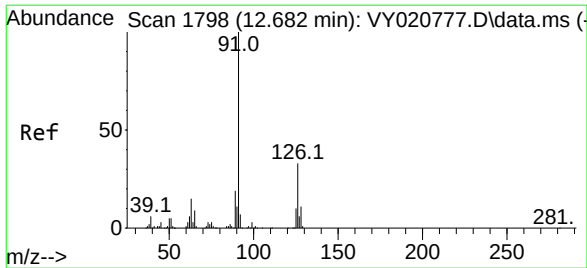
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#78
n-propylbenzene
Concen: 48.233 ug/l
RT: 12.603 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

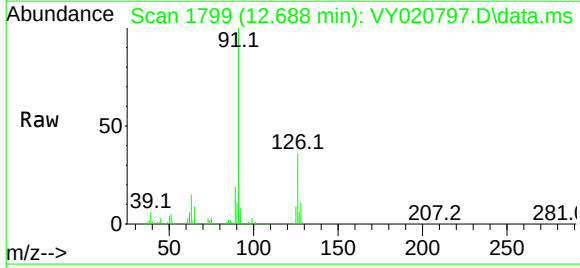
Tgt Ion: 91 Resp: 496706
Ion Ratio Lower Upper
91 100
120 23.9 12.0 36.1





#79
2-Chlorotoluene
Concen: 49.325 ug/l
RT: 12.688 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

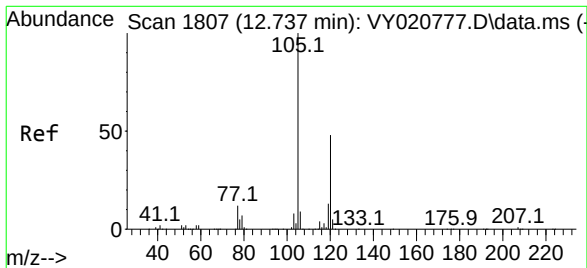
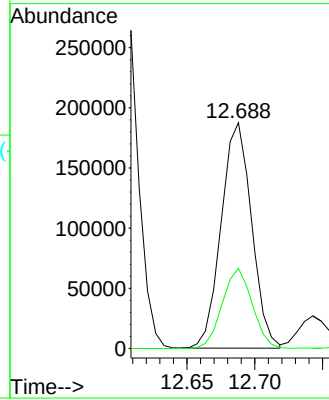
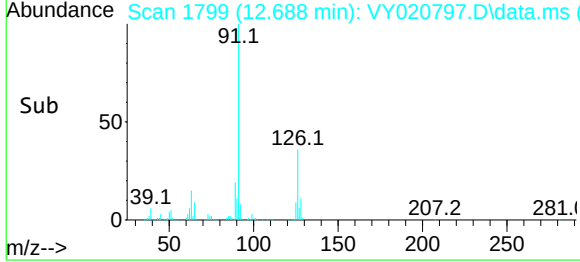
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 292508
Ion Ratio Lower Upper
91 100
126 34.9 17.5 52.6

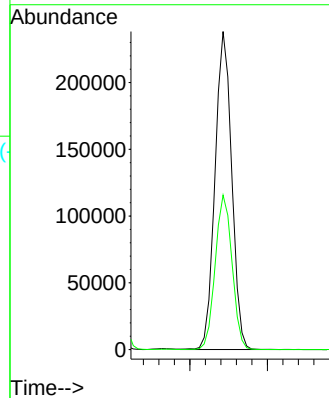
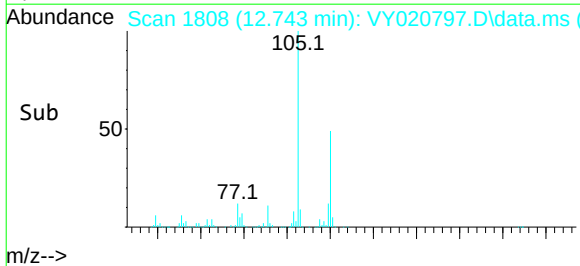
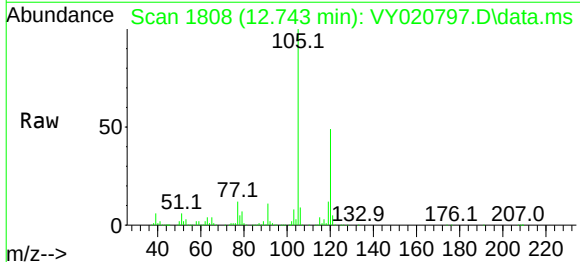
Manual Integrations
APPROVED

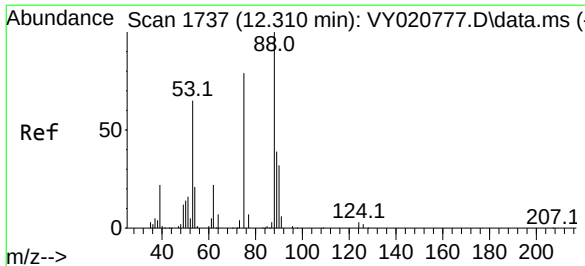
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#80
1,3,5-Trimethylbenzene
Concen: 48.309 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

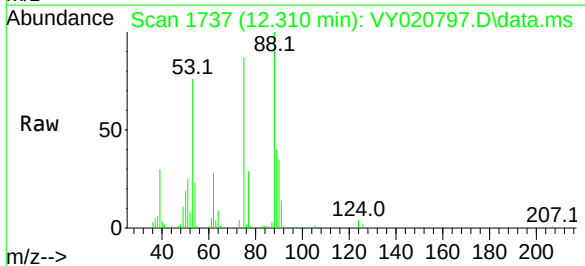
Tgt Ion:105 Resp: 355201
Ion Ratio Lower Upper
105 100
120 49.1 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 51.178 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. -0.000 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

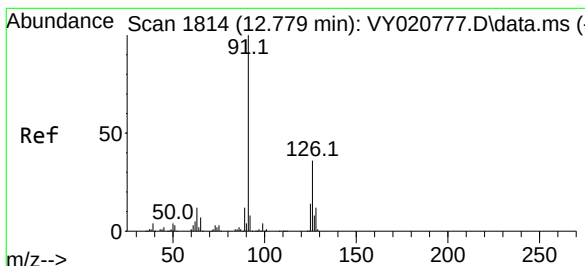
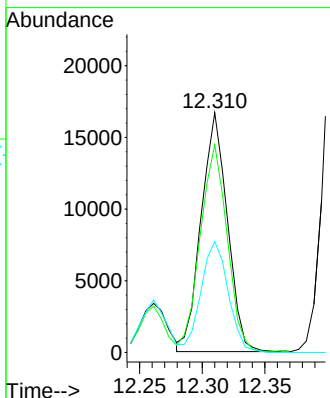
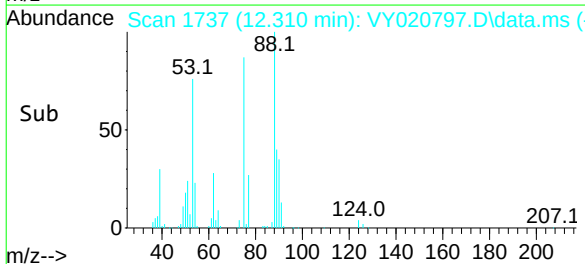
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 24288
Ion Ratio Lower Upper
75 100
53 90.1 69.4 104.0
89 48.5 39.6 59.4

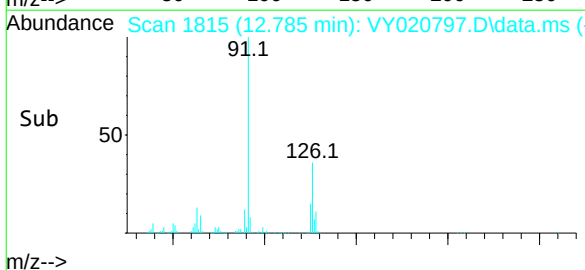
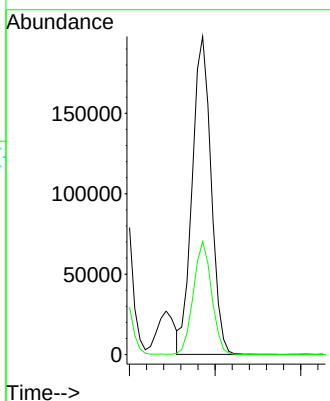
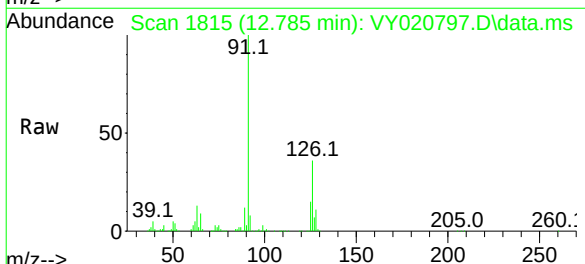
Manual Integrations
APPROVED

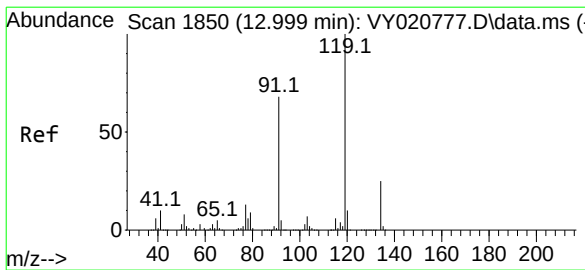
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#82
4-Chlorotoluene
Concen: 49.410 ug/l
RT: 12.785 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

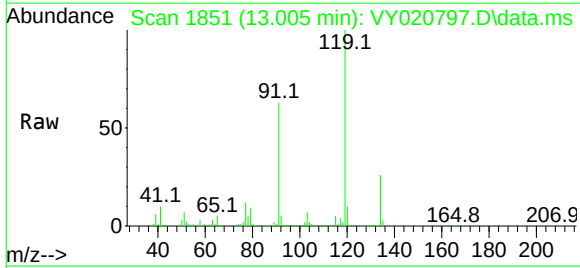
Tgt Ion: 91 Resp: 302386
Ion Ratio Lower Upper
91 100
126 34.5 17.3 51.7





#83
tert-Butylbenzene
Concen: 48.004 ug/l
RT: 13.005 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

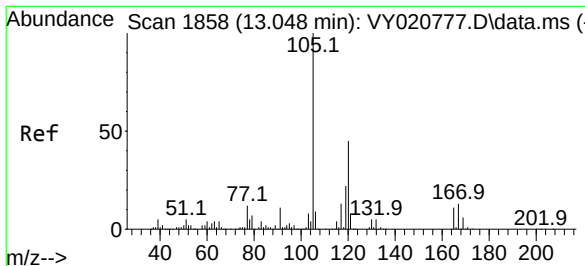
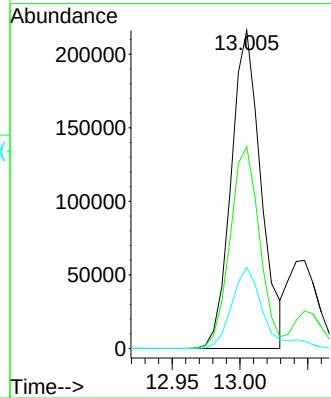
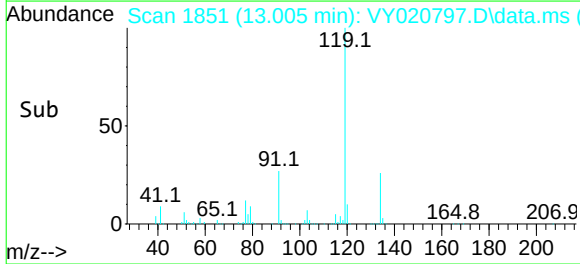
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 330122
Ion Ratio Lower Upper
119 100
91 62.9 33.0 98.9
134 27.1 13.7 41.1

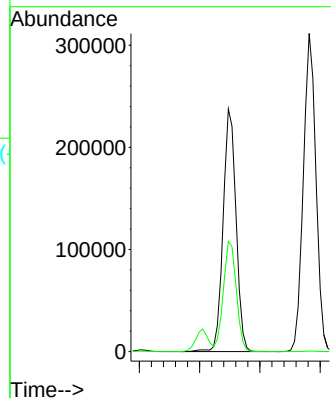
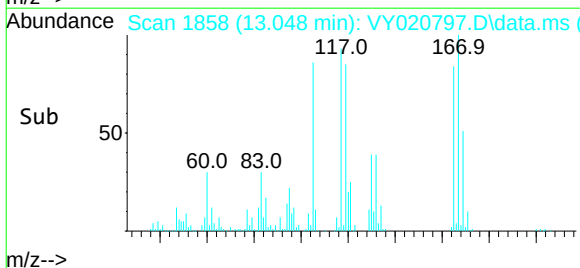
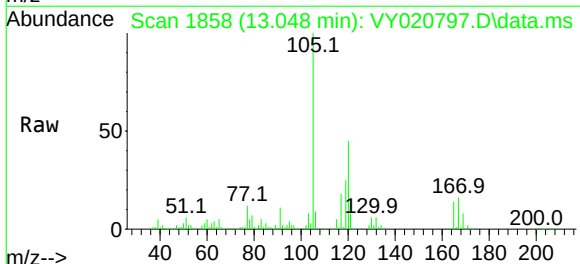
Manual Integrations
APPROVED

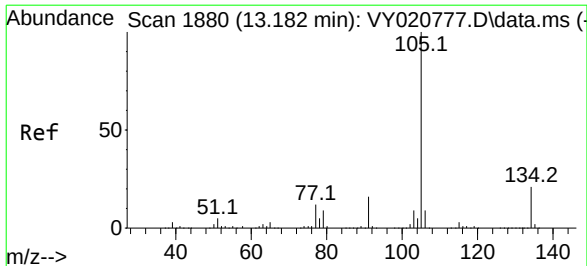
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#84
1,2,4-Trimethylbenzene
Concen: 49.247 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

Tgt Ion:105 Resp: 353597
Ion Ratio Lower Upper
105 100
120 45.6 22.4 67.2





#85

sec-Butylbenzene

Concen: 47.103 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VY020797.D

Acq: 07 Jan 2025 17:05

Instrument :

MSVOA_Y

ClientSampleId :

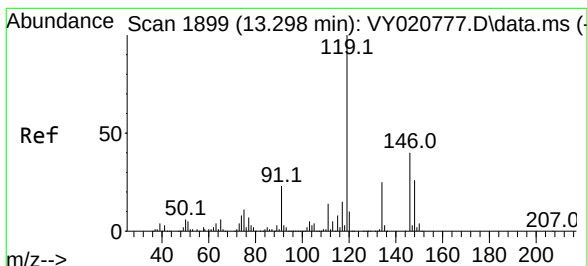
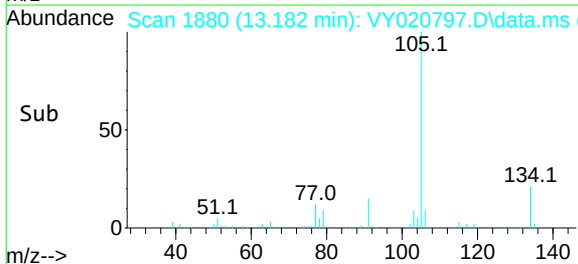
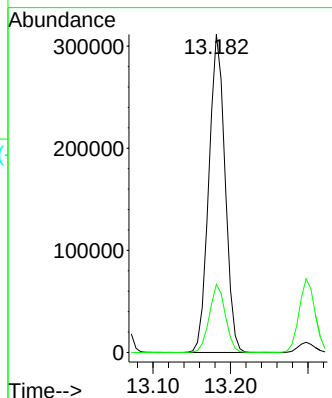
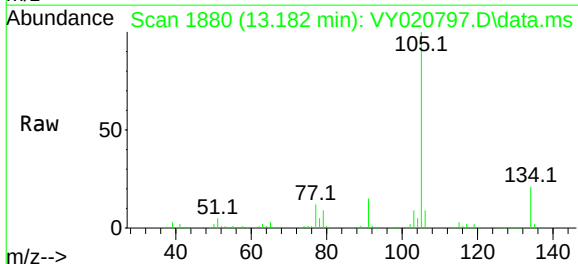
VSTDCCC050EC

Tgt Ion:105 Resp: 452450
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.5 31.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025
 Supervised By :Mahesh Dadoda 01/09/2025



#86

p-Isopropyltoluene

Concen: 47.684 ug/l

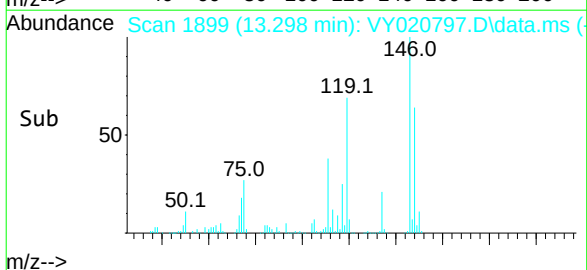
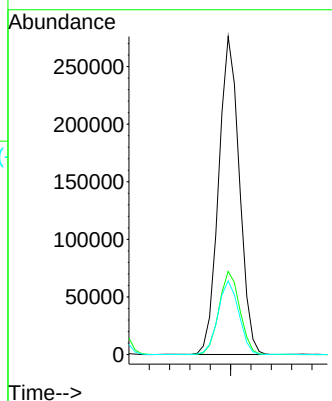
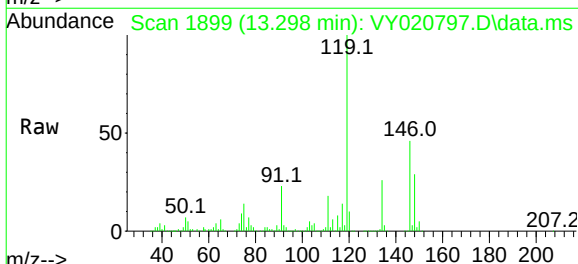
RT: 13.298 min Scan# 1899

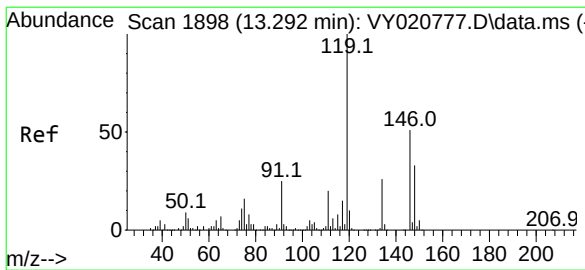
Delta R.T. -0.000 min

Lab File: VY020797.D

Acq: 07 Jan 2025 17:05

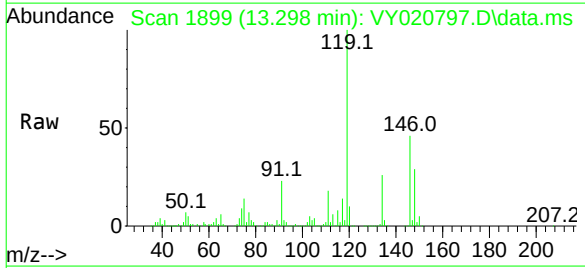
Tgt Ion:119 Resp: 390735
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 38.9
 91 23.4 11.8 35.3





#87
1,3-Dichlorobenzene
Concen: 49.846 ug/l
RT: 13.298 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

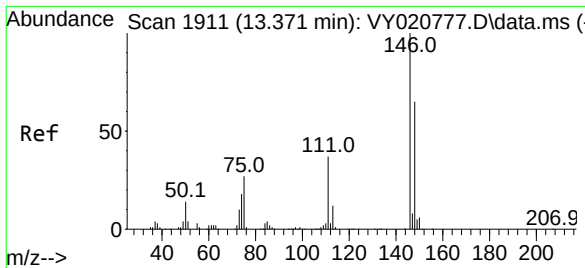
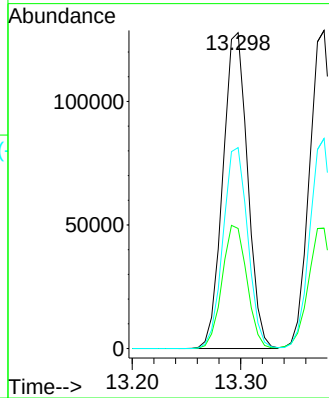
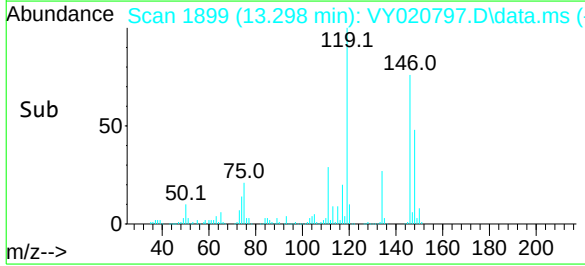
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



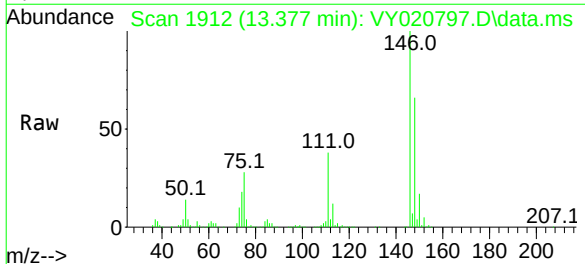
Tgt Ion:146 Resp: 202596
Ion Ratio Lower Upper
146 100
111 39.1 19.5 58.5
148 63.5 31.8 95.4

Manual Integrations
APPROVED

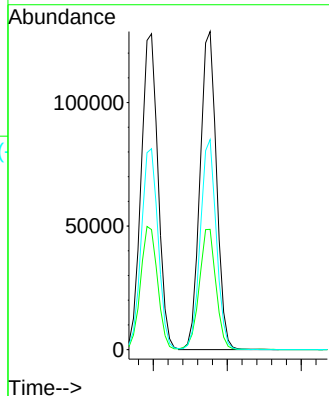
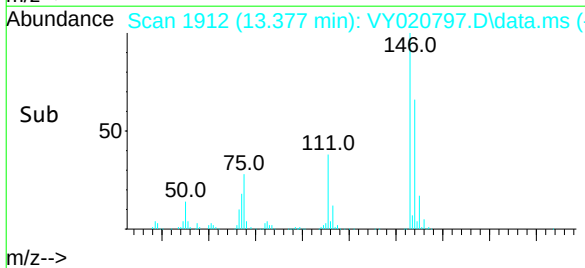
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025

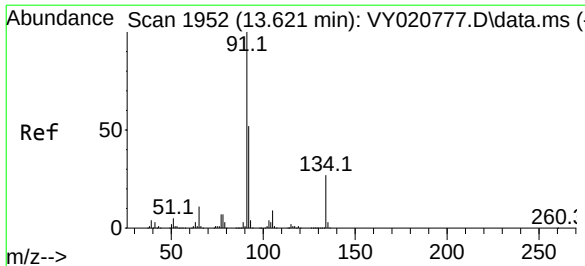


#88
1,4-Dichlorobenzene
Concen: 49.775 ug/l
RT: 13.377 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05



Tgt Ion:146 Resp: 199142
Ion Ratio Lower Upper
146 100
111 38.2 19.1 57.3
148 64.2 32.1 96.5





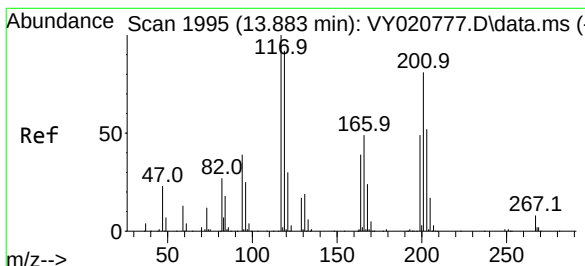
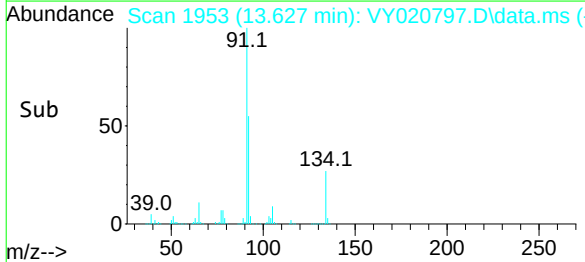
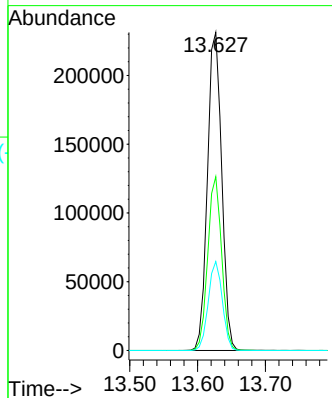
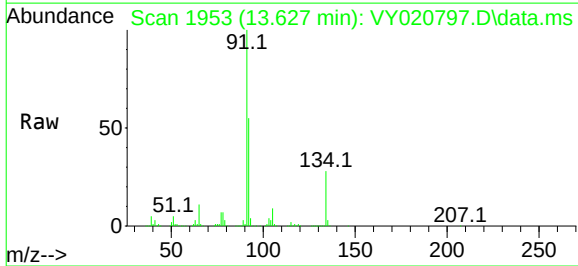
#89
n-Butylbenzene
Concen: 47.413 ug/l
RT: 13.627 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 337053
Ion Ratio Lower Upper
91 100
92 53.2 26.5 79.4
134 27.6 13.8 41.4

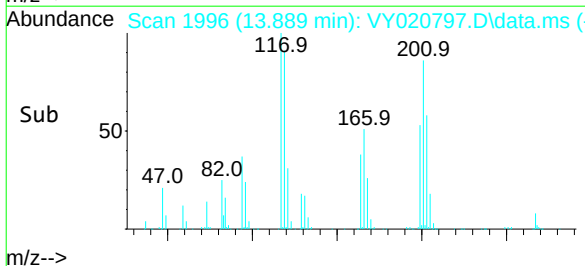
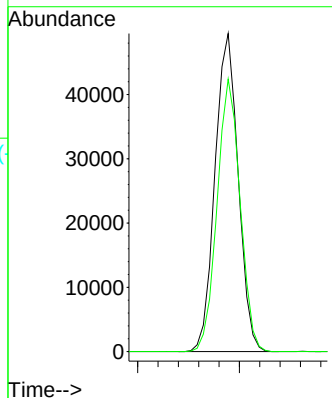
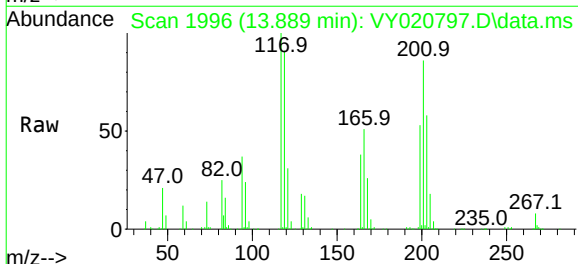
Manual Integrations
APPROVED

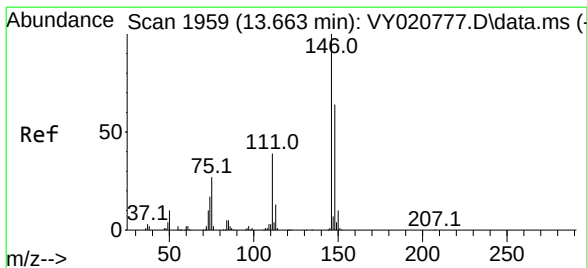
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#90
Hexachloroethane
Concen: 47.584 ug/l
RT: 13.889 min Scan# 1996
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

Tgt Ion:117 Resp: 78294
Ion Ratio Lower Upper
117 100
201 84.9 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 49.577 ug/l

RT: 13.669 min Scan# 1959

Delta R.T. 0.006 min

Lab File: VY020797.D

Acq: 07 Jan 2025 17:05

Instrument :

MSVOA_Y

ClientSampleId :

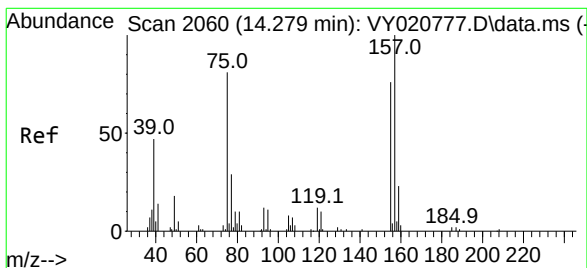
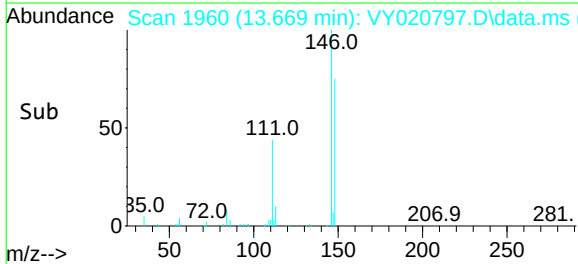
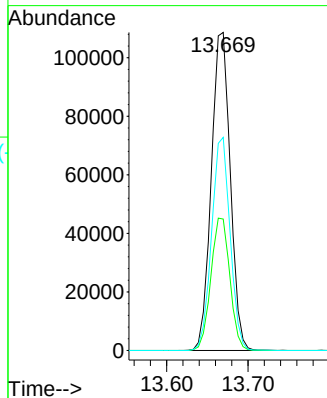
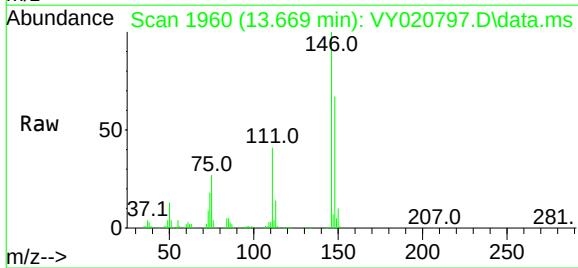
VSTDCCC050EC

Tgt Ion:	146	Resp:	176180
Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.0	60.0
148	65.3	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.602 ug/l

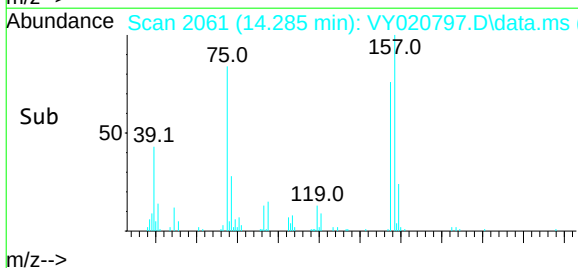
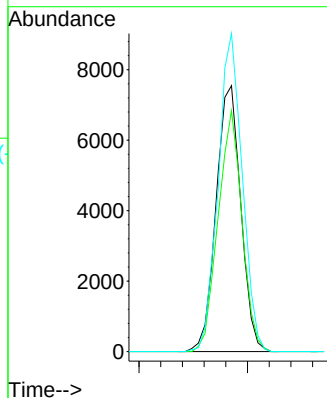
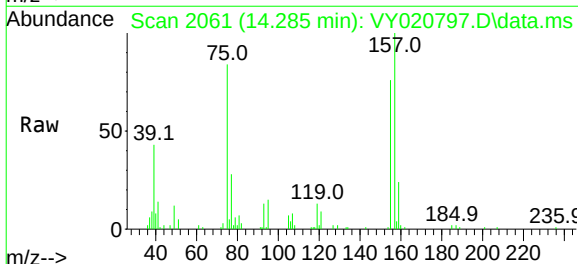
RT: 14.285 min Scan# 2061

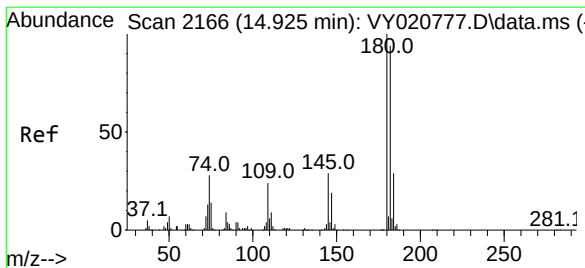
Delta R.T. 0.006 min

Lab File: VY020797.D

Acq: 07 Jan 2025 17:05

Tgt Ion:	75	Resp:	11918
Ion	Ratio	Lower	Upper
75	100		
155	87.4	45.5	136.5
157	116.9	59.7	179.0





#93

1,2,4-Trichlorobenzene

Concen: 50.970 ug/l

RT: 14.931 min Scan# 2167

Delta R.T. 0.006 min

Lab File: VY020797.D

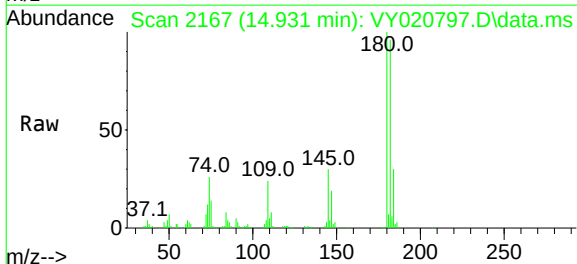
Acq: 07 Jan 2025 17:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

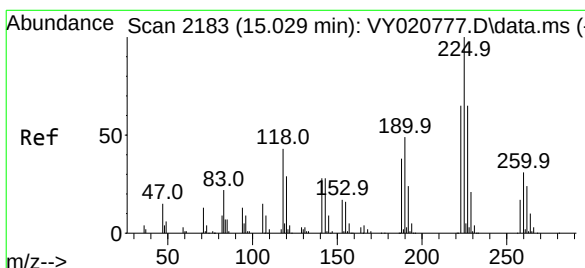
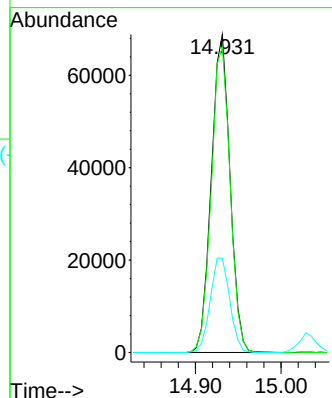
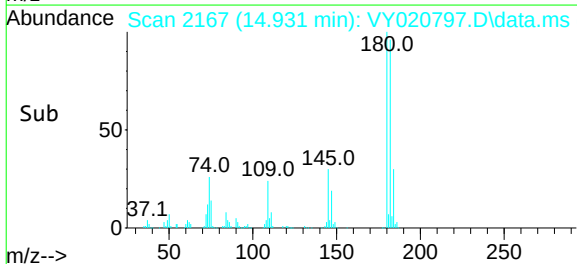


Tgt Ion:	180	Resp:	104241
Ion Ratio	Lower	Upper	
180	100		
182	96.8	47.6	142.9
145	31.1	15.0	45.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#94

Hexachlorobutadiene

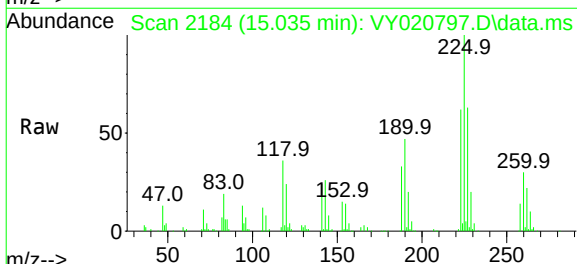
Concen: 47.412 ug/l

RT: 15.035 min Scan# 2184

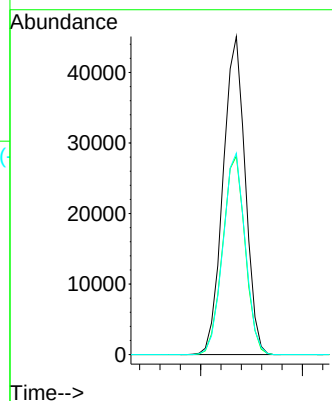
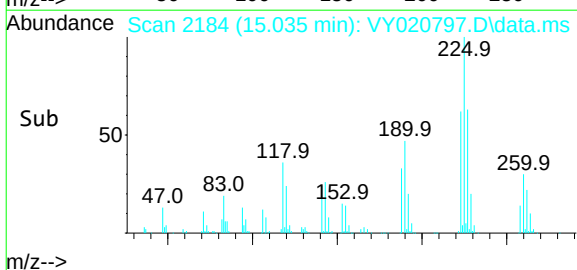
Delta R.T. 0.006 min

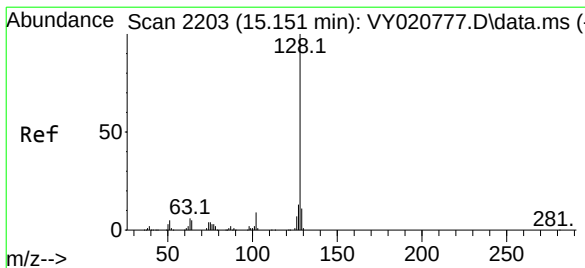
Lab File: VY020797.D

Acq: 07 Jan 2025 17:05



Tgt Ion:	225	Resp:	68357
Ion Ratio	Lower	Upper	
225	100		
223	63.0	31.6	94.8
227	63.4	32.2	96.6





#95

Naphthalene

Concen: 54.434 ug/l

RT: 15.157 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY020797.D

Acq: 07 Jan 2025 17:05

Instrument :

MSVOA_Y

ClientSampleId :

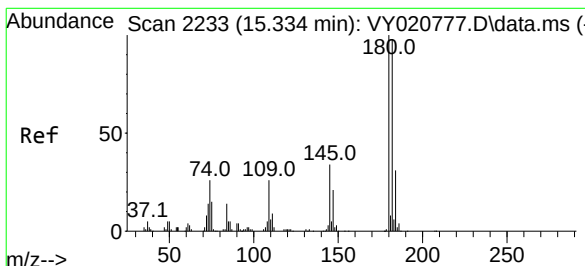
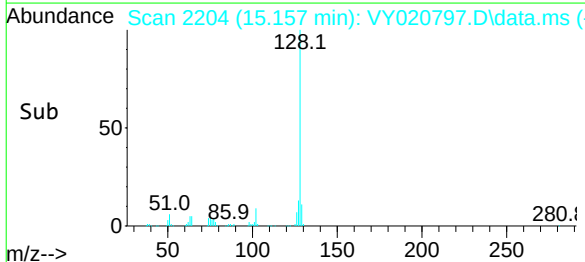
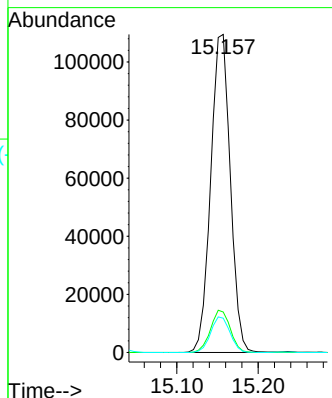
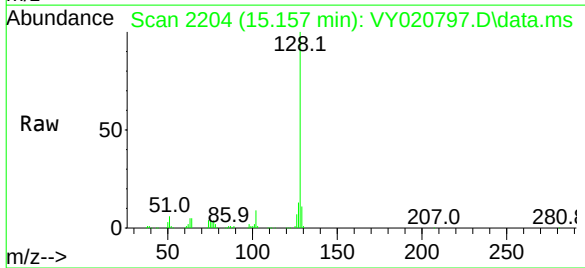
VSTDCCC050EC

Tgt Ion:	128	Resp:	183226
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.5	15.7
129	11.1	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#96

1,2,3-Trichlorobenzene

Concen: 50.961 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY020797.D

Acq: 07 Jan 2025 17:05

Tgt Ion:	180	Resp:	87318
Ion Ratio	Lower	Upper	
180	100		
182	98.0	48.1	144.3
145	33.6	16.1	48.2

