

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011525\
 Data File : VY020840.D
 Acq On : 15 Jan 2025 18:23
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/16/2025
 Supervised By :Semsettin Yesilyurt 01/16/2025

Quant Time: Jan 16 01:02:00 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	7.713	168	200944	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	310332	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	270714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	139328	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	94298	55.211	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.420%
35) Dibromofluoromethane	7.640	113	98232	50.526	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.060%
50) Toluene-d8	10.109	98	361375	53.320	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.640%
62) 4-Bromofluorobenzene	12.408	95	129300	51.662	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	103.320%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	57347	38.887	ug/l	99
3) Chloromethane	2.074	50	39519	50.895	ug/l	98
4) Vinyl Chloride	2.208	62	43031	49.851	ug/l	94
5) Bromomethane	2.604	94	30118	48.988	ug/l	99
6) Chloroethane	2.739	64	27656	51.951	ug/l	93
7) Trichlorofluoromethane	3.068	101	113048	42.671	ug/l	96
8) Diethyl Ether	3.458	74	45195	54.552	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.824	101	81657	45.642	ug/l	97
10) Methyl Iodide	4.013	142	92670	48.335	ug/l	96
11) Tert butyl alcohol	4.872	59	34510	267.400	ug/l	99
12) 1,1-Dichloroethene	3.793	96	73828	47.114	ug/l	97
13) Acrolein	3.659	56	7135	196.864	ug/l	96
14) Allyl chloride	4.391	41	116019	51.319	ug/l	93
15) Acrylonitrile	5.067	53	105994	301.031	ug/l	99
16) Acetone	3.879	43	69216	284.986	ug/l	98
17) Carbon Disulfide	4.116	76	165052	48.553	ug/l	100
18) Methyl Acetate	4.391	43	53060	64.702	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	237075	53.608	ug/l	99
20) Methylene Chloride	4.622	84	86966	51.848	ug/l	98
21) trans-1,2-Dichloroethene	5.128	96	82901	48.040	ug/l	97
22) Diisopropyl ether	6.025	45	268928	55.842	ug/l	97
23) Vinyl Acetate	5.964	43	767934	289.204	ug/l	97
24) 1,1-Dichloroethane	5.927	63	159087	50.069	ug/l	99
25) 2-Butanone	6.902	43	122880	307.998	ug/l	98
26) 2,2-Dichloropropane	6.890	77	137971	41.823	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	108350	49.764	ug/l	99
28) Bromochloromethane	7.250	49	54531	63.603	ug/l	95
29) Tetrahydrofuran	7.268	42	81722	320.657	ug/l	96
30) Chloroform	7.427	83	174856	48.257	ug/l	97
31) Cyclohexane	7.707	56	112148	45.125	ug/l	99
32) 1,1,1-Trichloroethane	7.622	97	157439	44.545	ug/l	99
36) 1,1-Dichloropropene	7.841	75	110251	44.459	ug/l	99
37) Ethyl Acetate	6.988	43	56919	57.678	ug/l	99
38) Carbon Tetrachloride	7.823	117	142491	41.279	ug/l	97
39) Methylcyclohexane	9.109	83	134832	44.308	ug/l	97
40) Benzene	8.085	78	361232	47.462	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	34539	61.114	ug/l	92
42) 1,2-Dichloroethane	8.158	62	101177	48.679	ug/l	98
43) Isopropyl Acetate	8.201	43	114427	57.008	ug/l	98
44) Trichloroethene	8.865	130	97089	45.761	ug/l	98
45) 1,2-Dichloropropane	9.146	63	87560	50.747	ug/l	100
46) Dibromomethane	9.231	93	51572	52.051	ug/l	99
47) Bromodichloromethane	9.426	83	137227	48.361	ug/l	100
48) Methyl methacrylate	9.225	41	51602	57.344	ug/l	99
49) 1,4-Dioxane	9.237	88	12446	1183.124	ug/l	95
51) 4-Methyl-2-Pentanone	9.999	43	299706	298.877	ug/l	100
52) Toluene	10.176	92	236270	46.880	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	126339	50.060	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	145356	49.592	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	73278	51.769	ug/l	95
56) Ethyl methacrylate	10.438	69	103788	58.059	ug/l	95
57) 1,3-Dichloropropane	10.719	76	119411	51.754	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	209629	295.598	ug/l	98
59) 2-Hexanone	10.762	43	199023	309.365	ug/l	98
60) Dibromochloromethane	10.914	129	102517	49.937	ug/l	98
61) 1,2-Dibromoethane	11.018	107	66873	52.624	ug/l	100
64) Tetrachloroethene	10.652	164	83850	42.129	ug/l	99
65) Chlorobenzene	11.444	112	270628	45.214	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	101881	44.712	ug/l	98
67) Ethyl Benzene	11.524	91	459842	44.374	ug/l	98
68) m/p-Xylenes	11.633	106	354945	88.963	ug/l	98
69) o-Xylene	11.956	106	172573	45.618	ug/l	97
70) Styrene	11.975	104	294709	46.280	ug/l	100
71) Bromoform	12.133	173	63542	49.055	ug/l #	99
73) Isopropylbenzene	12.255	105	454951	41.160	ug/l	99
74) N-aryl acetate	12.072	43	100182	55.410	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.511	83	83751	49.993	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	54607m	44.793	ug/l	
77) Bromobenzene	12.536	156	112807	44.266	ug/l	97
78) n-propylbenzene	12.597	91	530106	42.253	ug/l	99
79) 2-Chlorotoluene	12.682	91	311833	43.162	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	374533	41.812	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	27824	48.124	ug/l	96
82) 4-Chlorotoluene	12.779	91	315558	42.323	ug/l	99
83) tert-Butylbenzene	12.999	119	343005	40.941	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	378379	43.256	ug/l	99
85) sec-Butylbenzene	13.182	105	488305	41.727	ug/l	100
86) p-Isopropyltoluene	13.298	119	419318	42.004	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	214996	43.420	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	212901	43.680	ug/l	99
89) n-Butylbenzene	13.621	91	367883	42.478	ug/l	100
90) Hexachloroethane	13.883	117	84561	42.185	ug/l	99
91) 1,2-Dichlorobenzene	13.663	146	194253	44.868	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	13447	49.643	ug/l	97
93) 1,2,4-Trichlorobenzene	14.925	180	120755	48.465	ug/l	100
94) Hexachlorobutadiene	15.029	225	74888	42.635	ug/l	100
95) Naphthalene	15.151	128	219312	53.481	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	104995	50.298	ug/l	99

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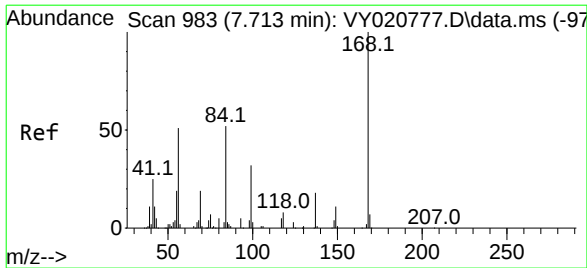
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

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Quant Title : SW846 8260
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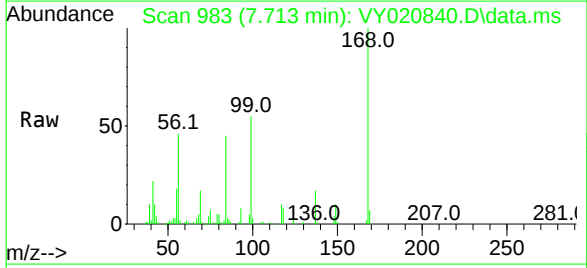
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020840.D
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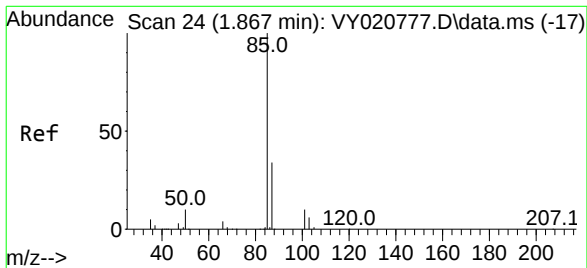
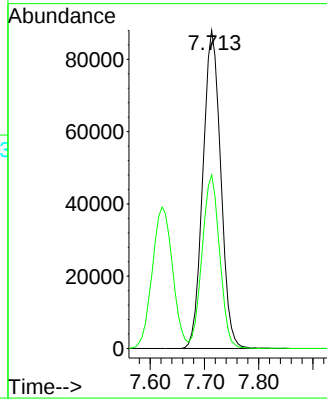
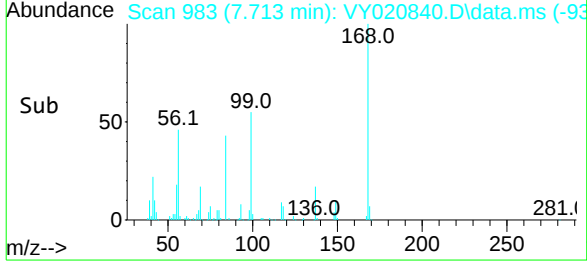
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



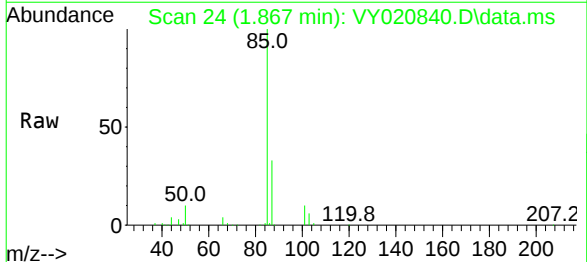
Tgt Ion: 168 Resp: 200944
Ion Ratio Lower Upper
168 100
99 54.5 44.3 66.5

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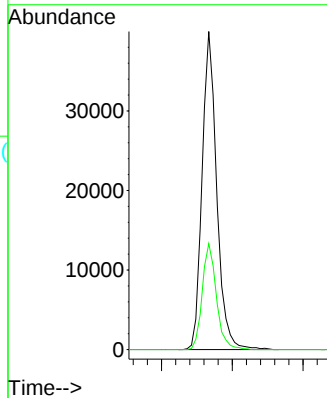
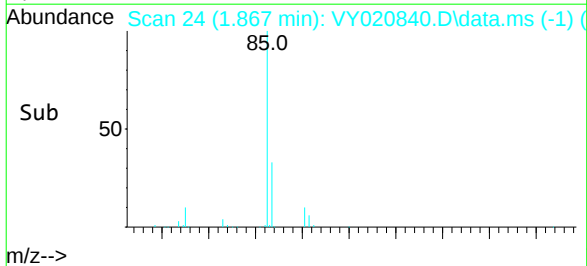
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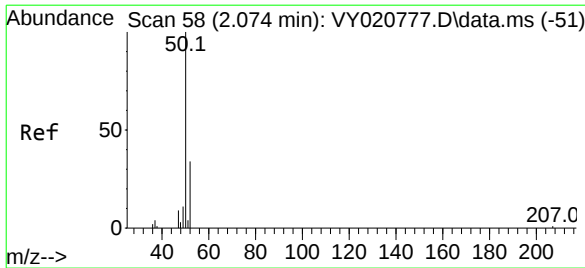


#2
Dichlorodifluoromethane
Concen: 38.887 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23



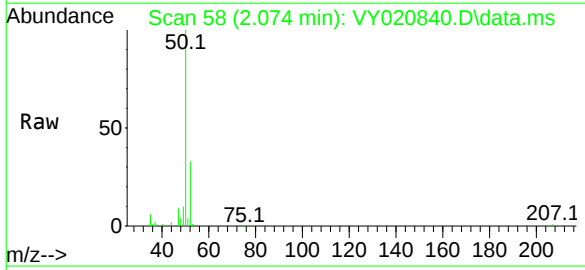
Tgt Ion: 85 Resp: 57347
Ion Ratio Lower Upper
85 100
87 33.3 16.9 50.6





#3
Chloromethane
Concen: 50.895 ug/l
RT: 2.074 min Scan# 58
Delta R.T. -0.000 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

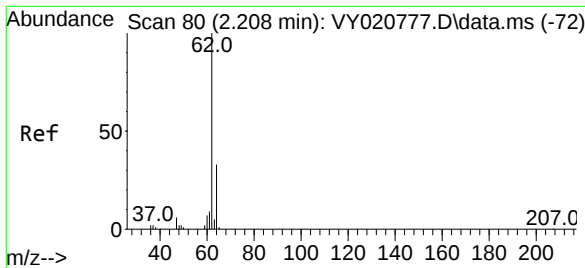
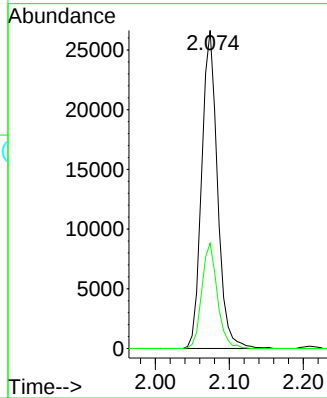
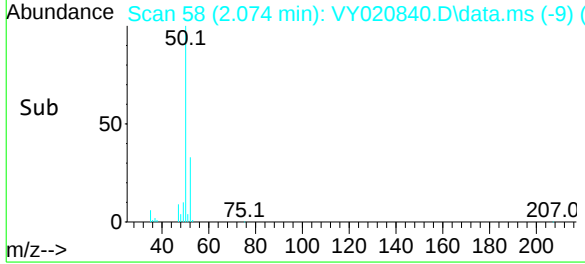
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 39519
Ion Ratio Lower Upper
50 100
52 33.1 27.3 40.9

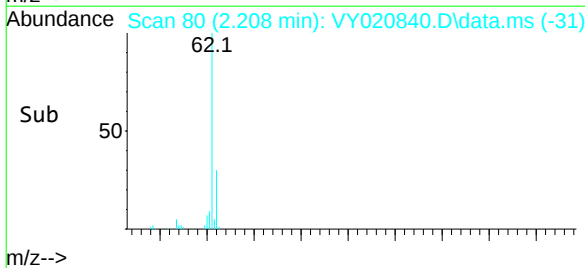
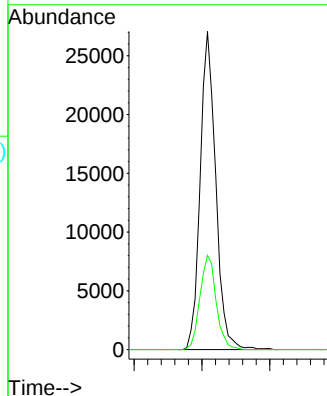
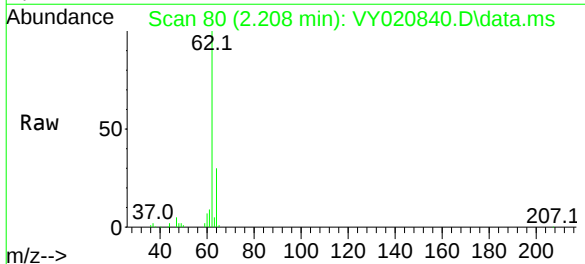
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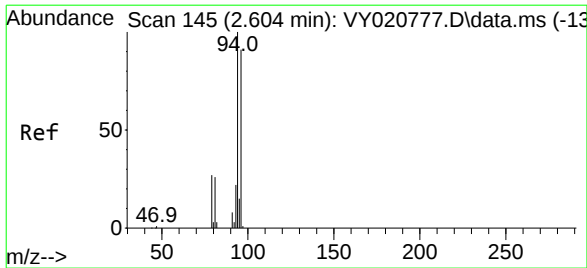
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#4
Vinyl Chloride
Concen: 49.851 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

Tgt Ion: 62 Resp: 43031
Ion Ratio Lower Upper
62 100
64 29.6 26.6 39.8





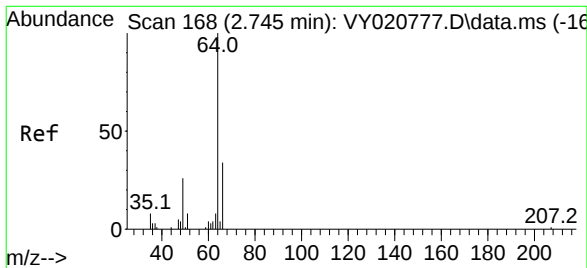
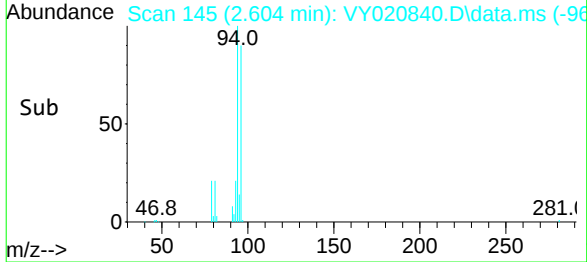
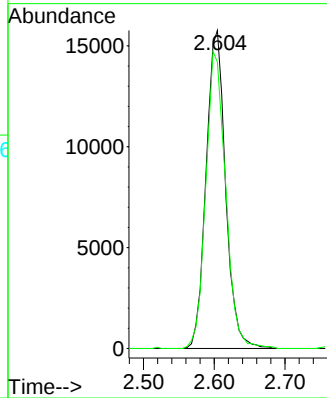
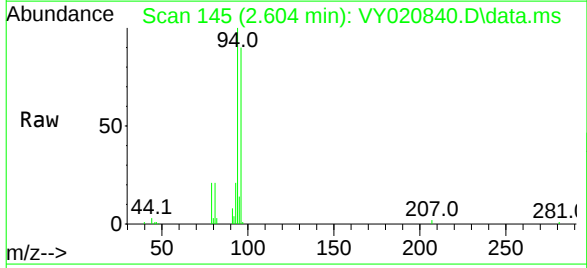
#5
Bromomethane
Concen: 48.988 ug/l
RT: 2.604 min Scan# 145
Delta R.T. -0.000 min
Lab File: VY020840.D
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Instrument :
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Tgt Ion: 94 Resp: 30118
Ion Ratio Lower Upper
94 100
96 90.1 72.6 109.0

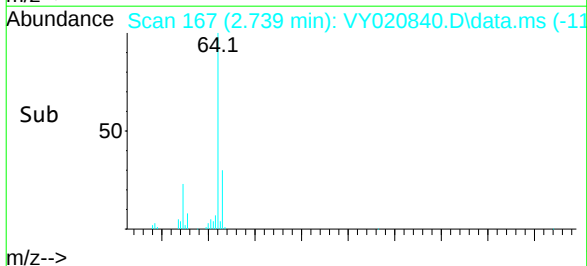
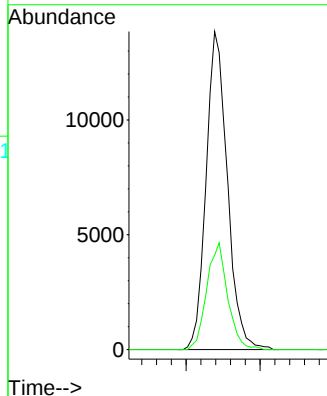
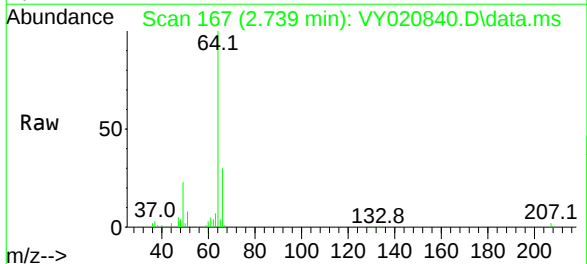
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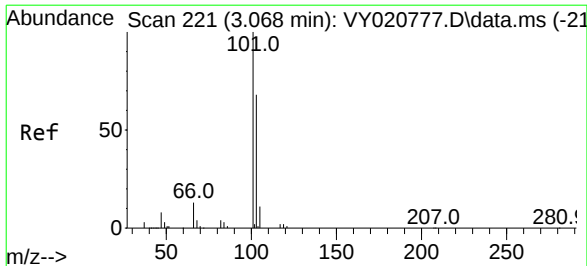
Reviewed By :Mahesh Dadoda 01/16/2025
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#6
Chloroethane
Concen: 51.951 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.006 min
Lab File: VY020840.D
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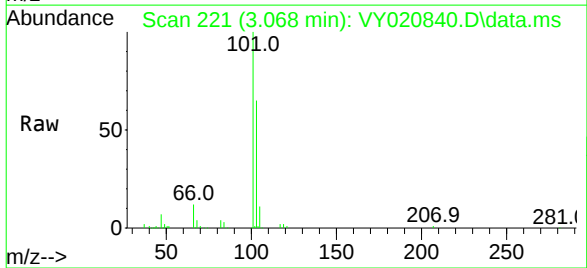
Tgt Ion: 64 Resp: 27656
Ion Ratio Lower Upper
64 100
66 29.7 26.9 40.3





Trichlorofluoromethane
 Concen: 42.671 ug/l
 RT: 3.068 min Scan# 221
 Delta R.T. -0.000 min
 Lab File: VY020840.D
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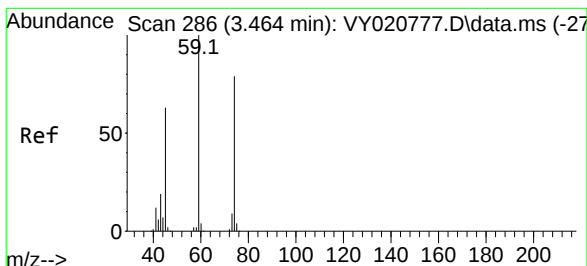
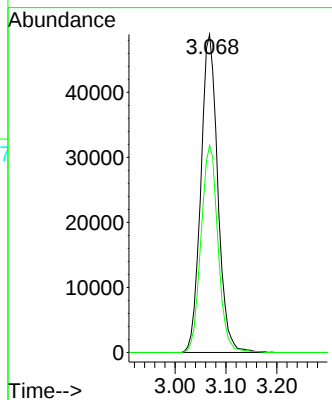
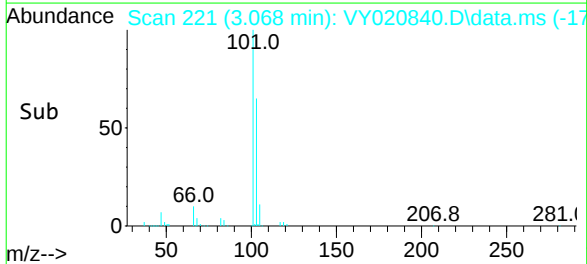
Instrument :
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Tgt Ion: 101 Resp: 113048
 Ion Ratio Lower Upper
 101 100
 103 65.0 54.6 82.0

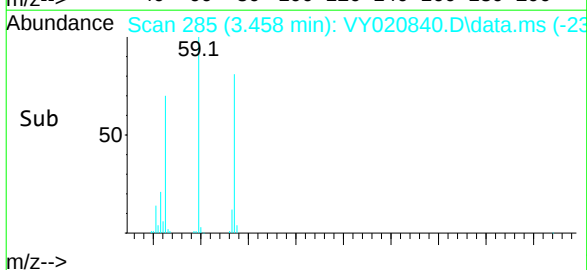
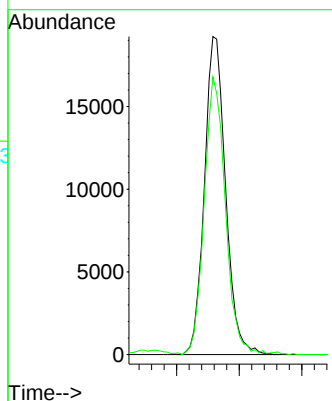
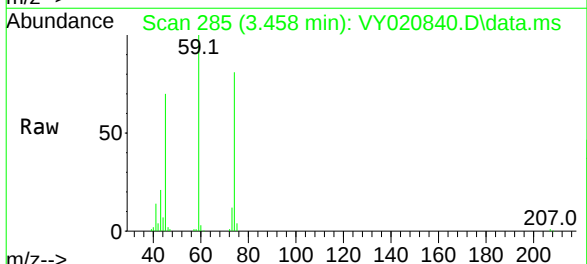
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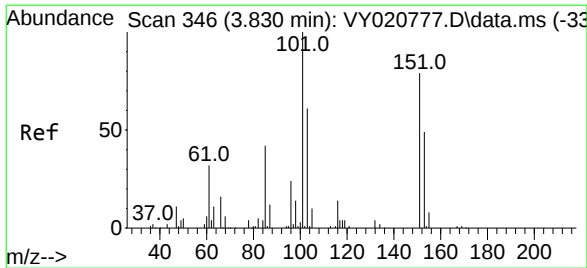
Reviewed By :Mahesh Dadoda 01/16/2025
 Supervised By :Semsettin Yesilyurt 01/16/2025



Diethyl Ether
 Concen: 54.552 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. -0.006 min
 Lab File: VY020840.D
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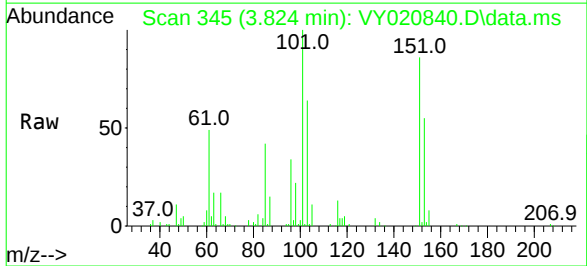
Tgt Ion: 74 Resp: 45195
 Ion Ratio Lower Upper
 74 100
 45 87.1 41.3 124.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.642 ug/l
RT: 3.824 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

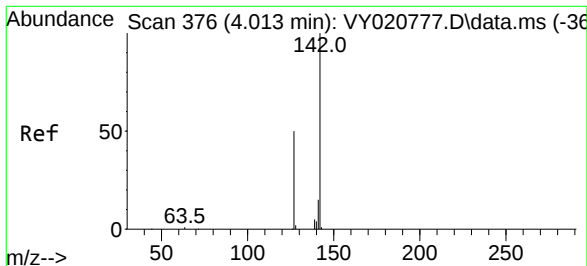
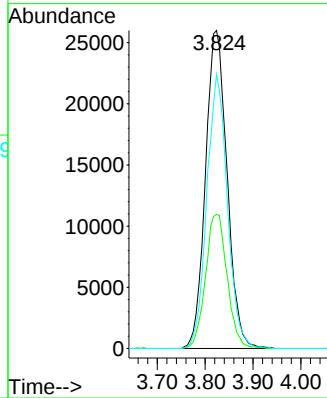
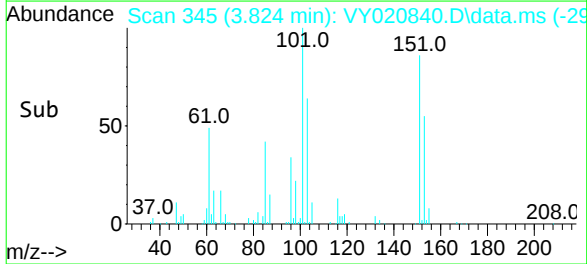
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 81657
Ion Ratio Lower Upper
101 100
85 42.2 35.9 53.9
151 82.1 66.9 100.3

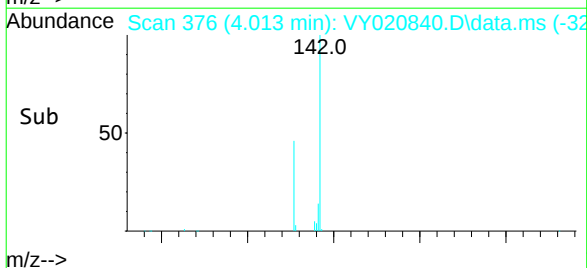
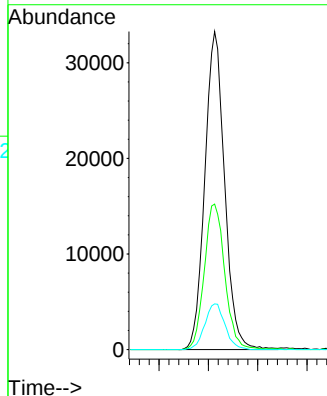
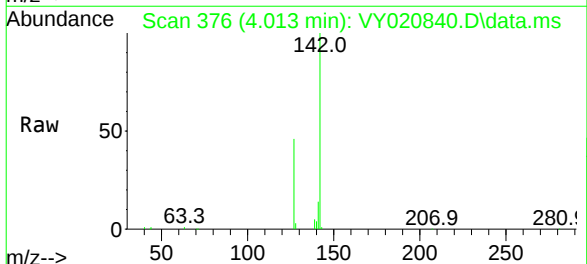
Manual Integrations
APPROVED

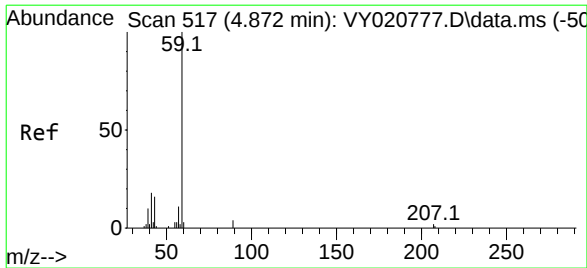
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#10
Methyl Iodide
Concen: 48.335 ug/l
RT: 4.013 min Scan# 376
Delta R.T. -0.000 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

Tgt Ion:142 Resp: 92670
Ion Ratio Lower Upper
142 100
127 47.4 41.0 61.6
141 14.7 11.6 17.4





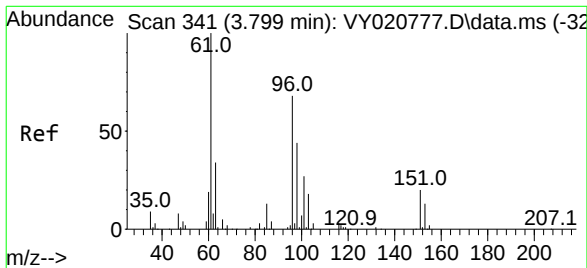
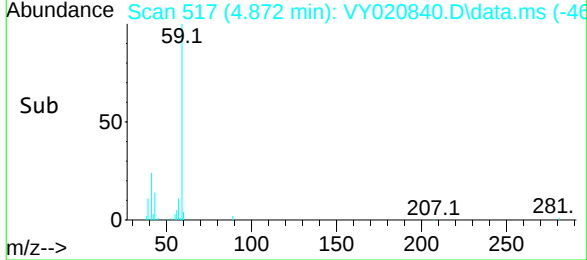
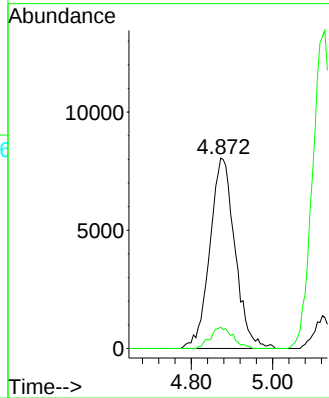
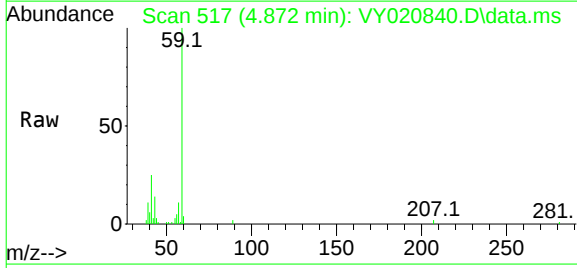
#11
Tert butyl alcohol
Concen: 267.400 ug/l
RT: 4.872 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 34516
Ion Ratio Lower Upper
59 100
57 10.0 7.8 11.8

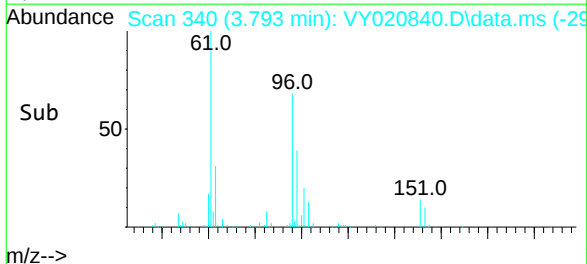
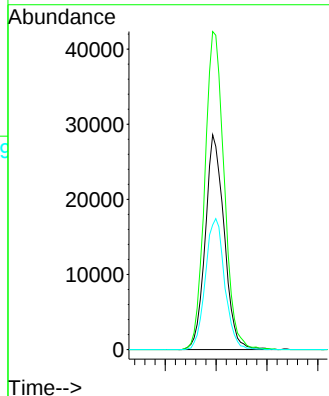
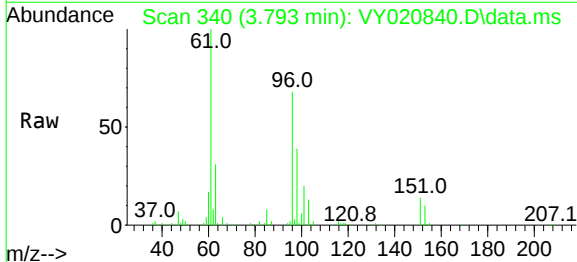
Manual Integrations
APPROVED

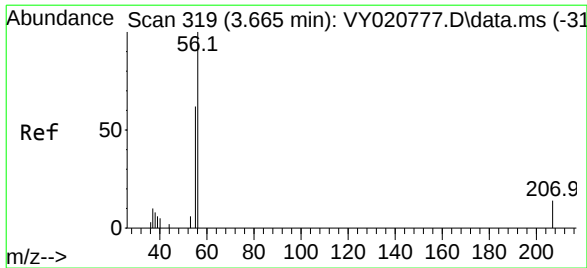
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#12
1,1-Dichloroethene
Concen: 47.114 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

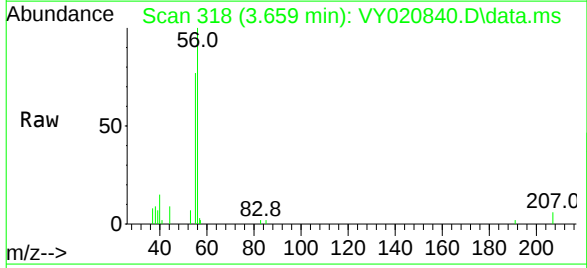
Tgt Ion: 96 Resp: 73828
Ion Ratio Lower Upper
96 100
61 148.1 117.8 176.8
98 58.0 51.9 77.9





#13
Acrolein
Concen: 196.864 ug/l
RT: 3.659 min Scan# 319
Delta R.T. -0.006 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

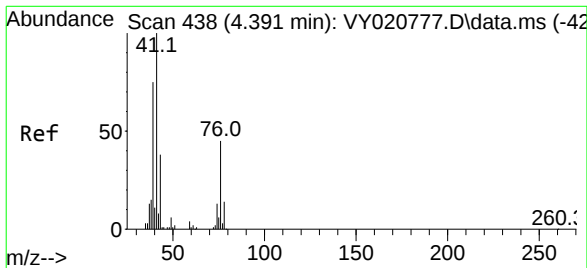
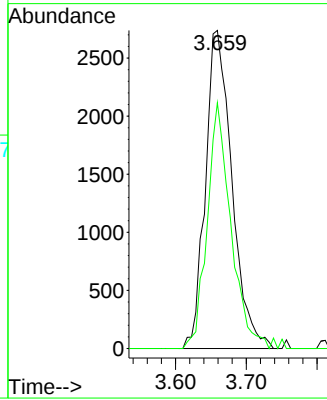
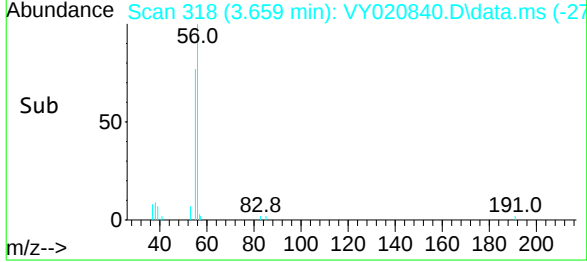
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 7135
Ion Ratio Lower Upper
56 100
55 68.8 58.1 87.1

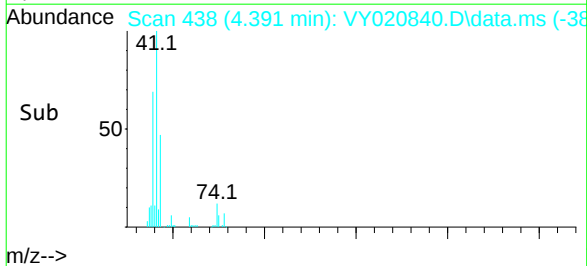
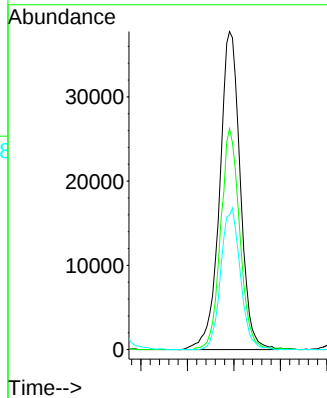
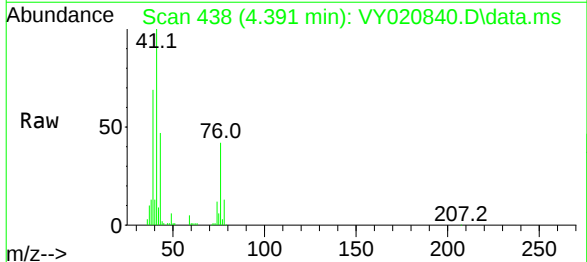
Manual Integrations
APPROVED

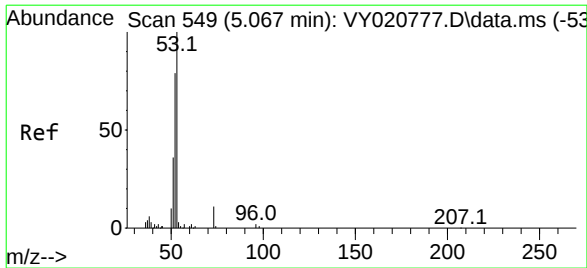
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#14
Allyl chloride
Concen: 51.319 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

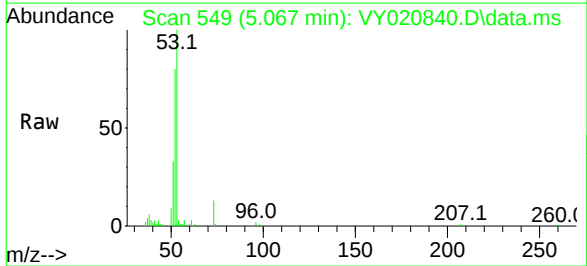
Tgt Ion: 41 Resp: 116019
Ion Ratio Lower Upper
41 100
39 64.6 57.5 86.3
76 42.0 35.6 53.4





#15
Acrylonitrile
Concen: 301.031 ug/l
RT: 5.067 min Scan# 549
Delta R.T. -0.000 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

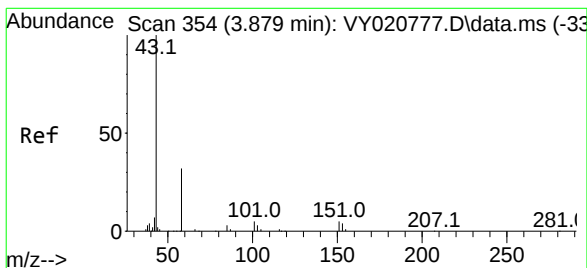
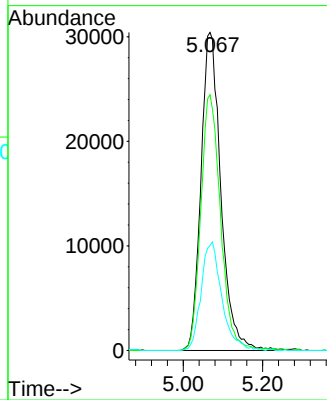
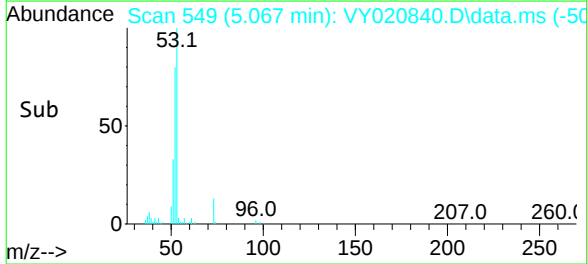
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



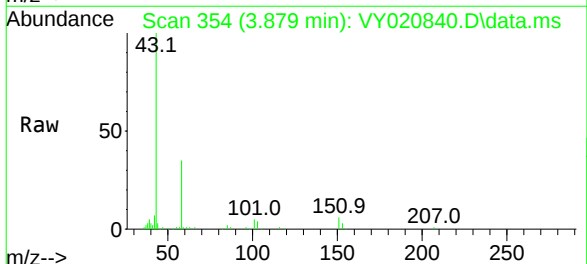
Tgt Ion: 53 Resp: 105994
Ion Ratio Lower Upper
53 100
52 79.4 64.3 96.5
51 35.6 29.3 43.9

Manual Integrations
APPROVED

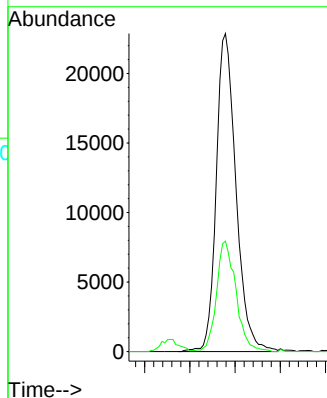
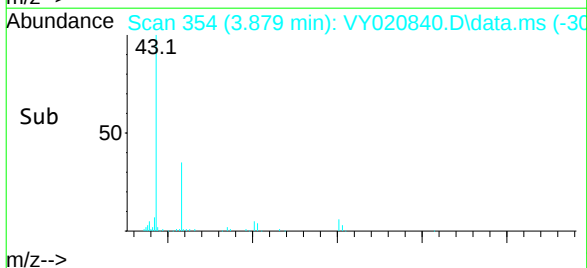
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

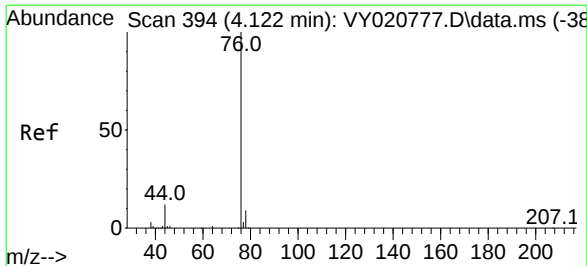


#16
Acetone
Concen: 284.986 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23



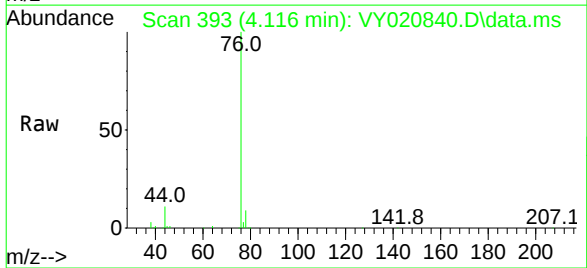
Tgt Ion: 43 Resp: 69216
Ion Ratio Lower Upper
43 100
58 34.7 26.7 40.1





#17
Carbon Disulfide
Concen: 48.553 ug/l
RT: 4.116 min Scan# 39
Delta R.T. -0.006 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

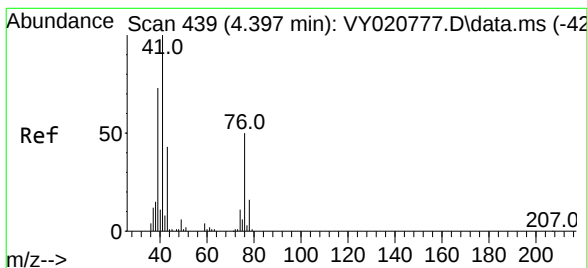
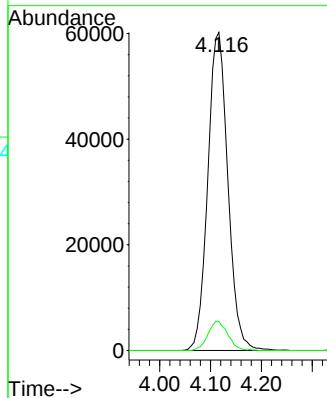
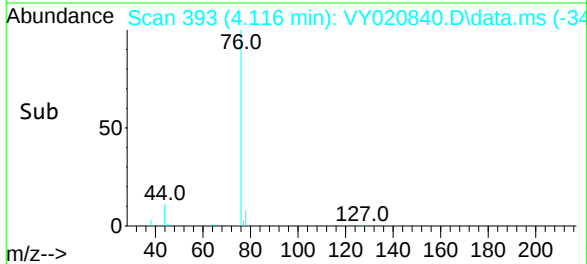
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



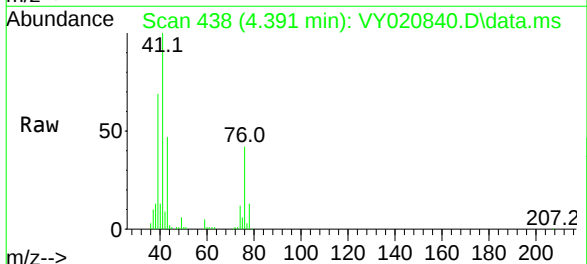
Tgt Ion: 76 Resp: 165052
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

Manual Integrations
APPROVED

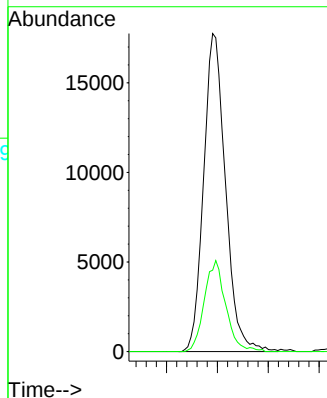
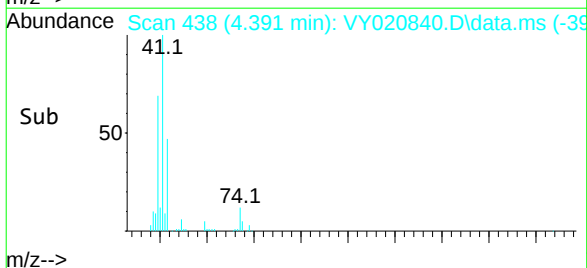
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

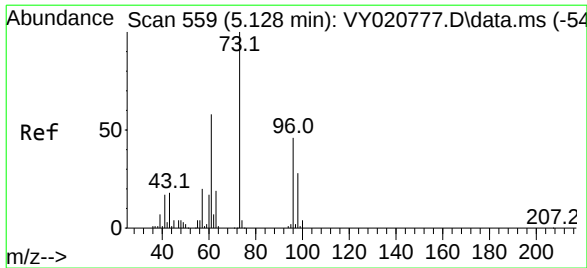


#18
Methyl Acetate
Concen: 64.702 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23



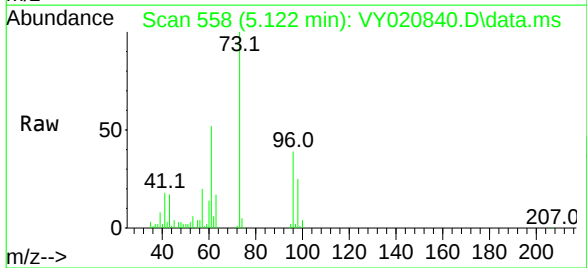
Tgt Ion: 43 Resp: 53060
Ion Ratio Lower Upper
43 100
74 28.0 23.0 34.6





#19
Methyl tert-butyl Ether
Concen: 53.608 ug/l
RT: 5.122 min Scan# 559
Delta R.T. -0.006 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

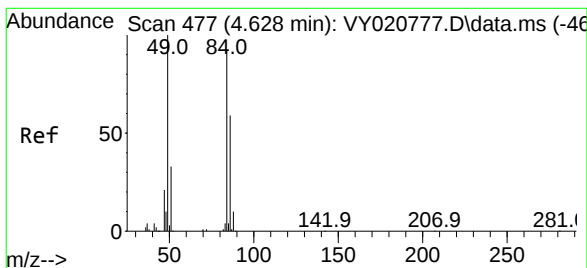
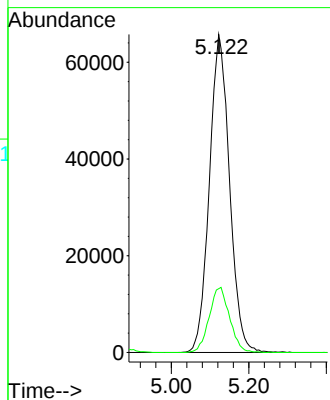
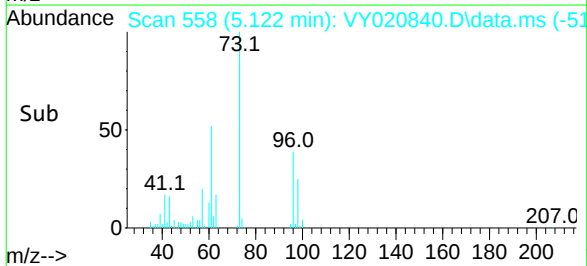
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 237075
Ion Ratio Lower Upper
73 100
57 20.1 16.4 24.6

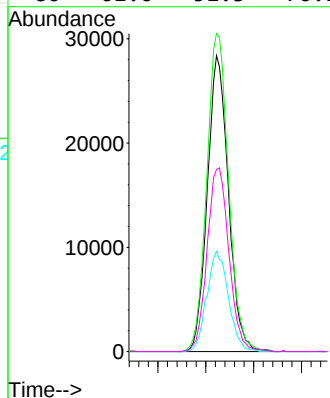
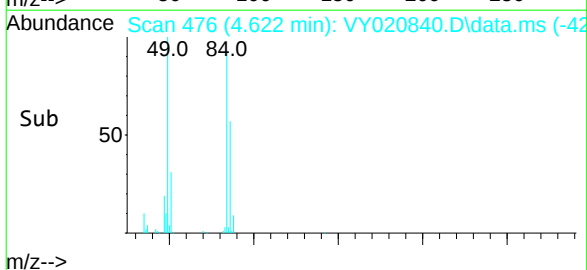
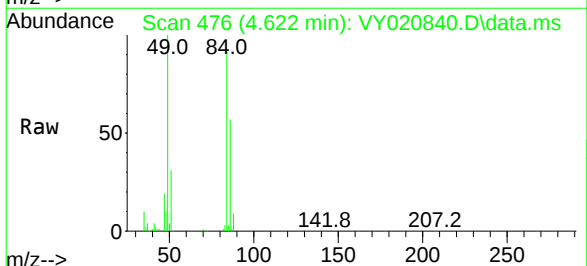
Manual Integrations
APPROVED

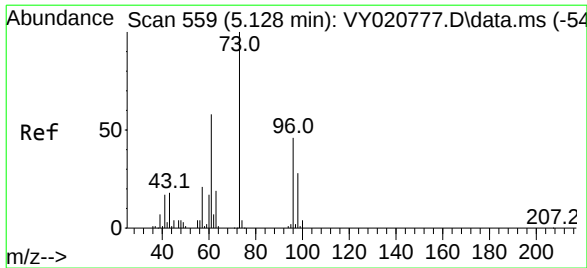
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#20
Methylene Chloride
Concen: 51.848 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

Tgt Ion: 84 Resp: 86966
Ion Ratio Lower Upper
84 100
49 107.5 86.7 130.1
51 33.8 28.4 42.6
86 61.6 51.3 76.9





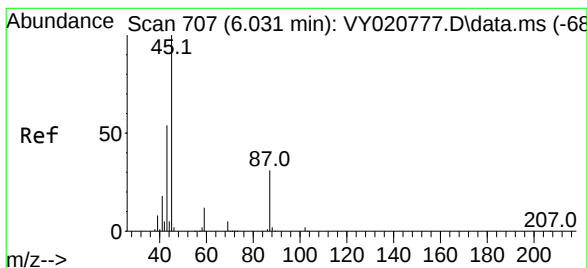
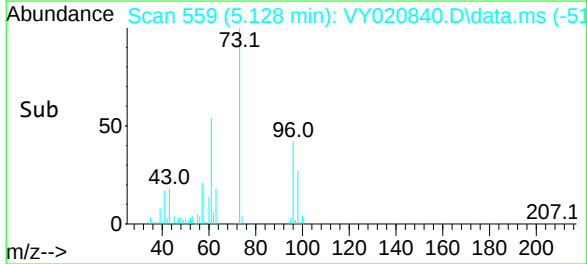
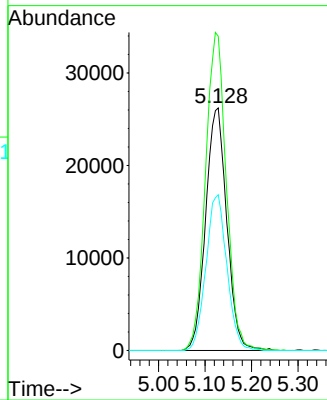
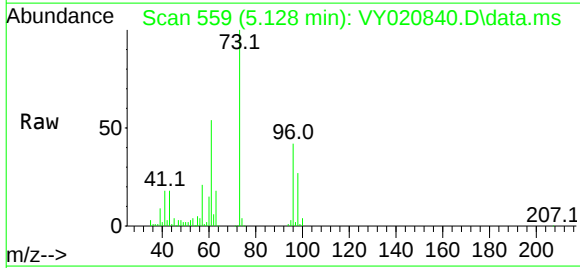
#21
trans-1,2-Dichloroethene
Concen: 48.040 ug/l
RT: 5.128 min Scan# 559
Delta R.T. -0.000 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 82901
Ion Ratio Lower Upper
96 100
61 129.6 101.6 152.4
98 64.2 49.4 74.2

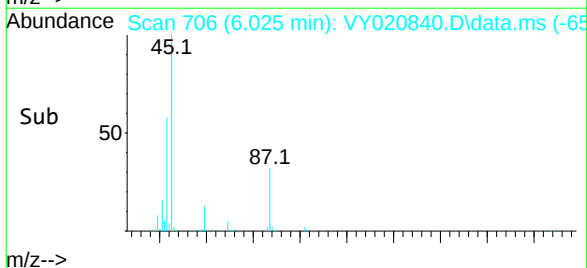
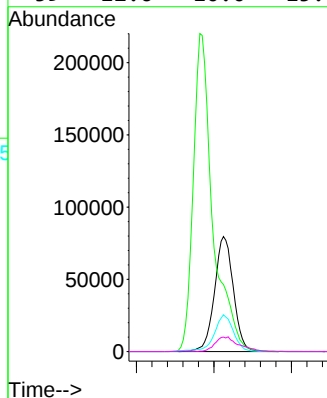
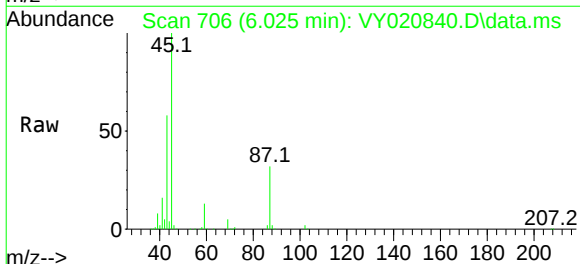
Manual Integrations
APPROVED

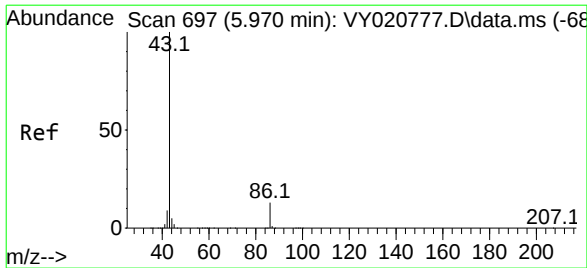
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#22
Diisopropyl ether
Concen: 55.842 ug/l
RT: 6.025 min Scan# 706
Delta R.T. -0.006 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

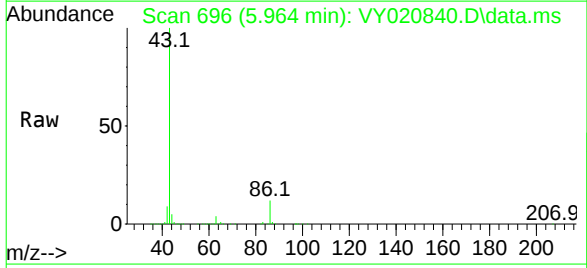
Tgt Ion: 45 Resp: 268928
Ion Ratio Lower Upper
45 100
43 58.0 43.9 65.9
87 32.0 25.3 37.9
59 12.6 10.0 15.0





#23
 Vinyl Acetate
 Concen: 289.204 ug/l
 RT: 5.964 min Scan# 697
 Delta R.T. -0.006 min
 Lab File: VY020840.D
 Acq: 15 Jan 2025 18:23

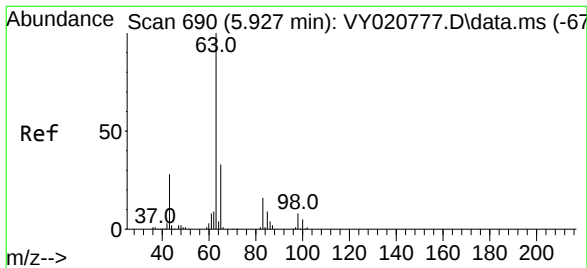
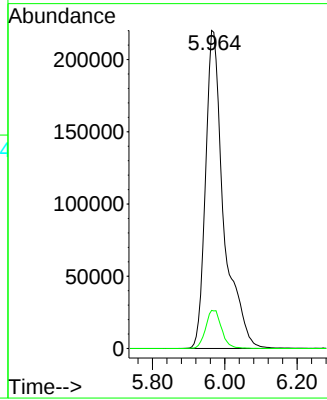
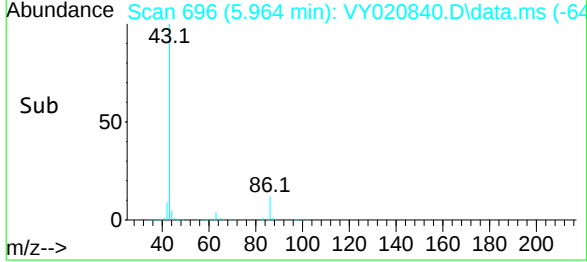
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



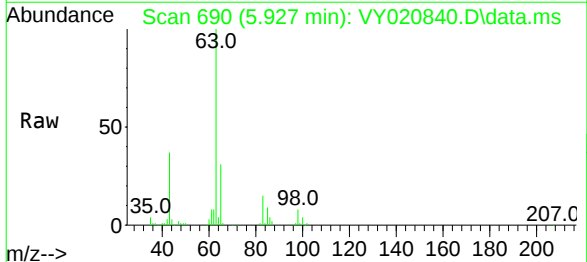
Tgt Ion: 43 Resp: 767934
 Ion Ratio Lower Upper
 43 100
 86 12.0 10.5 15.7

Manual Integrations
 APPROVED

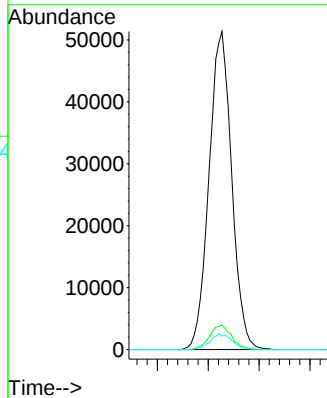
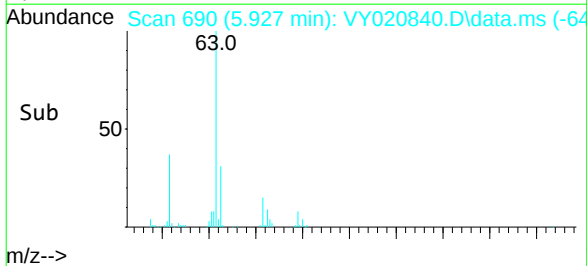
Reviewed By :Mahesh Dadoda 01/16/2025
 Supervised By :Semsettin Yesilyurt 01/16/2025

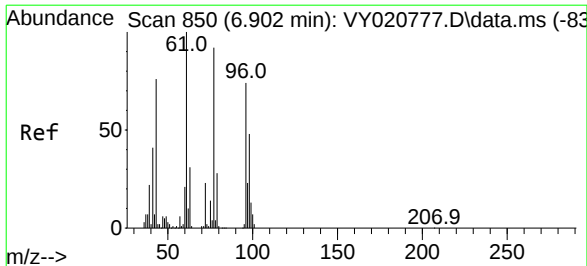


#24
 1,1-Dichloroethane
 Concen: 50.069 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. -0.000 min
 Lab File: VY020840.D
 Acq: 15 Jan 2025 18:23



Tgt Ion: 63 Resp: 159087
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.7
 100 4.2 2.4 7.2





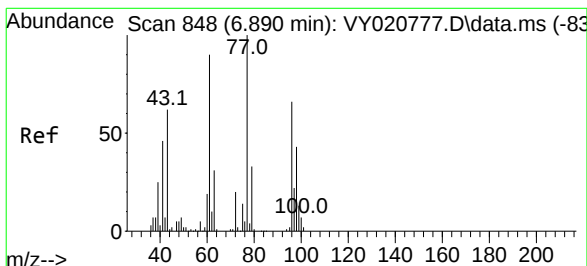
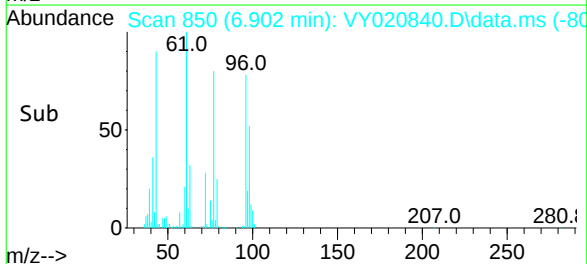
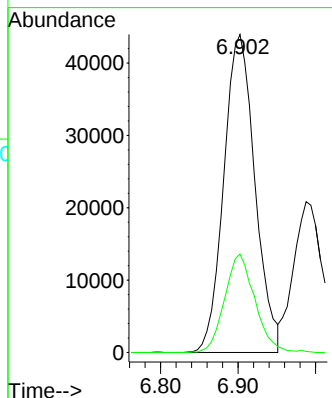
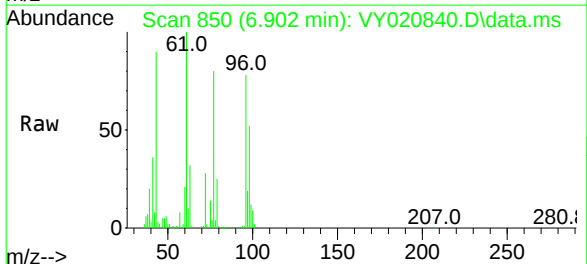
#25
2-Butanone
Concen: 307.998 ug/l
RT: 6.902 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 122880
Ion Ratio Lower Upper
43 100
72 30.9 24.0 36.0

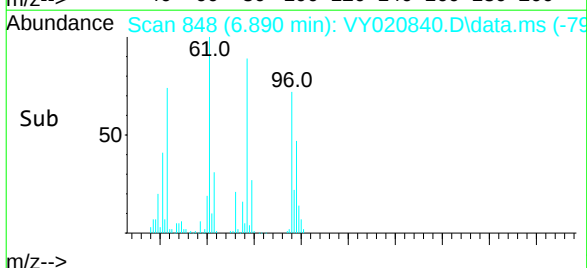
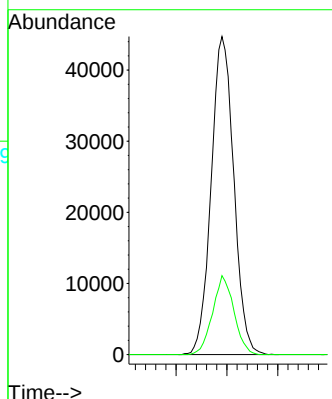
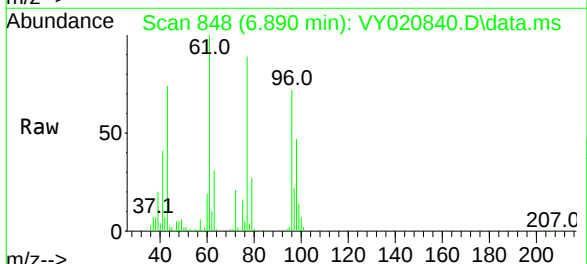
Manual Integrations
APPROVED

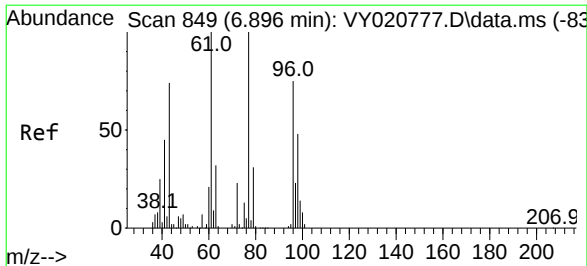
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#26
2,2-Dichloropropane
Concen: 41.823 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

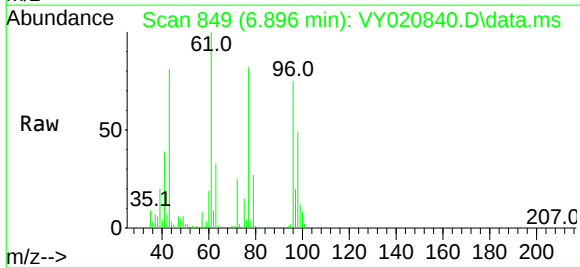
Tgt Ion: 77 Resp: 137971
Ion Ratio Lower Upper
77 100
97 23.4 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 49.764 ug/l
 RT: 6.896 min Scan# 849
 Delta R.T. -0.000 min
 Lab File: VY020840.D
 Acq: 15 Jan 2025 18:23

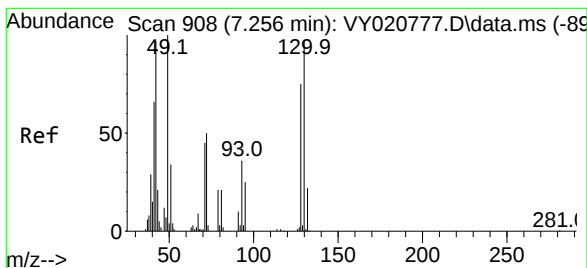
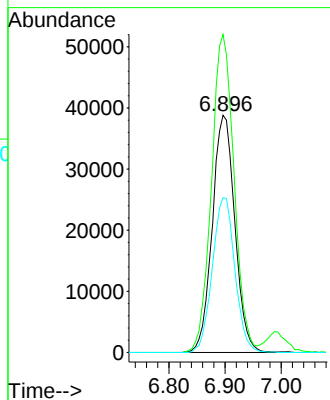
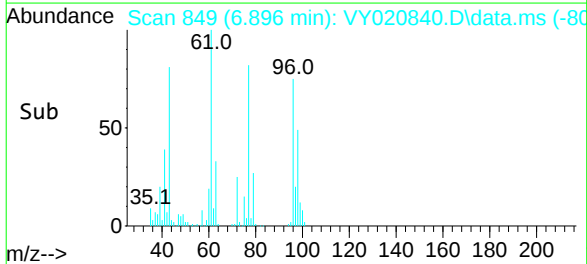
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 108350
 Ion Ratio Lower Upper
 96 100
 61 134.2 0.0 271.4
 98 65.2 0.0 129.0

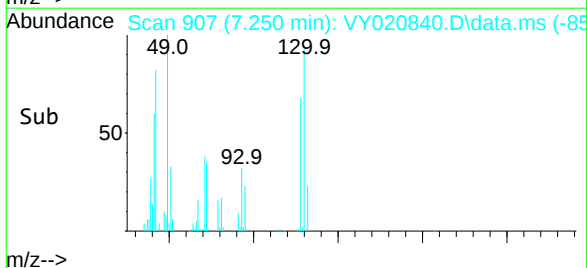
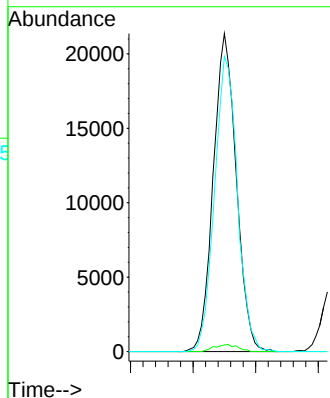
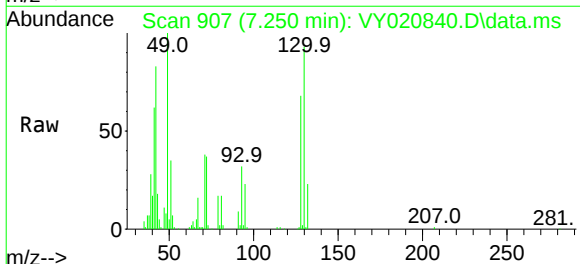
Manual Integrations
 APPROVED

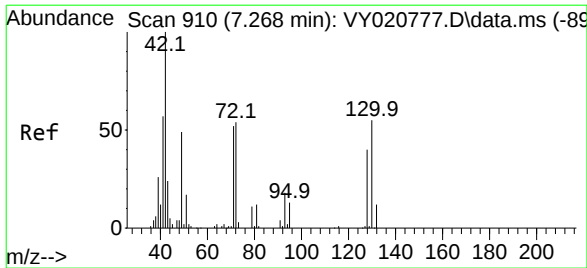
Reviewed By :Mahesh Dadoda 01/16/2025
 Supervised By :Semsettin Yesilyurt 01/16/2025



#28
 Bromochloromethane
 Concen: 63.603 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. -0.006 min
 Lab File: VY020840.D
 Acq: 15 Jan 2025 18:23

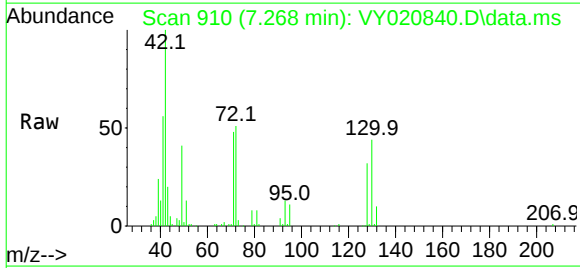
Tgt Ion: 49 Resp: 54531
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 5.2
 130 92.4 77.8 116.6





#29
Tetrahydrofuran
Concen: 320.657 ug/l
RT: 7.268 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

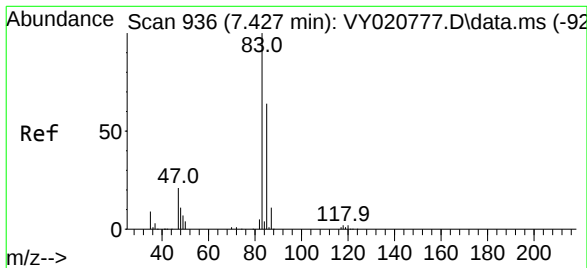
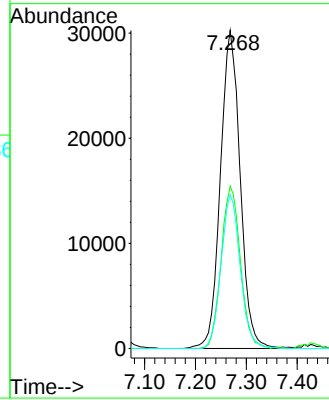
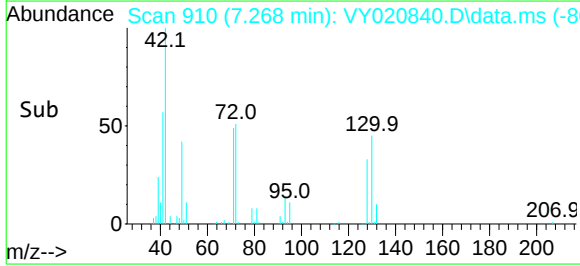
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 81722
Ion Ratio Lower Upper
42 100
72 49.5 41.8 62.6
71 46.9 39.8 59.8

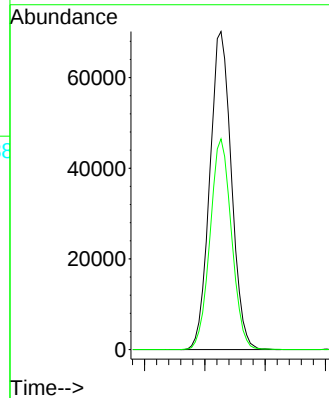
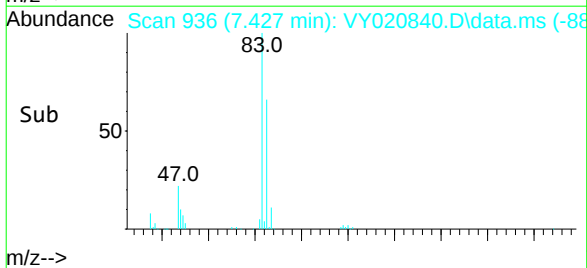
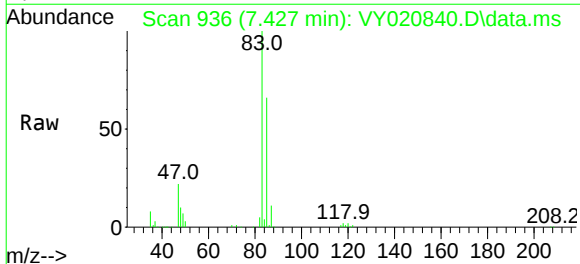
Manual Integrations
APPROVED

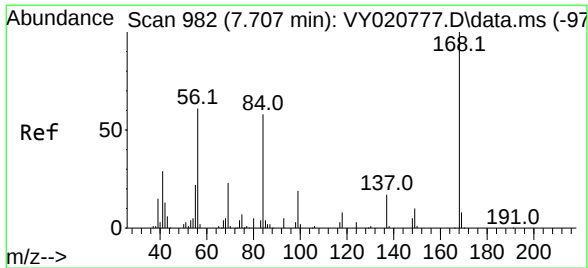
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#30
Chloroform
Concen: 48.257 ug/l
RT: 7.427 min Scan# 936
Delta R.T. -0.000 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

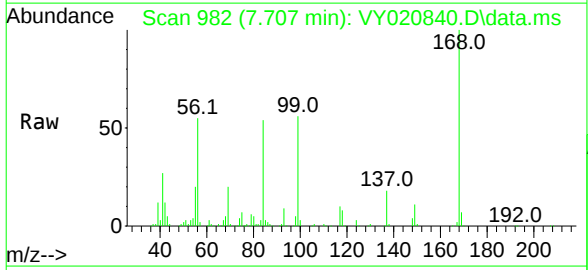
Tgt Ion: 83 Resp: 174856
Ion Ratio Lower Upper
83 100
85 66.2 51.1 76.7





#31
Cyclohexane
Concen: 45.125 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

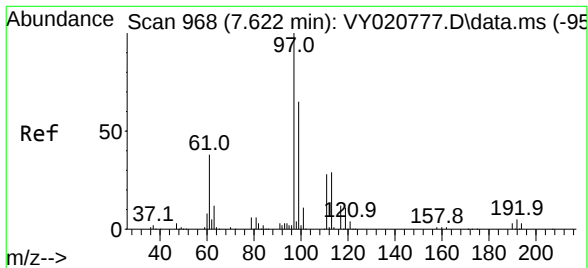
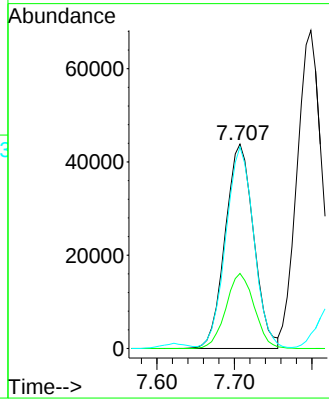
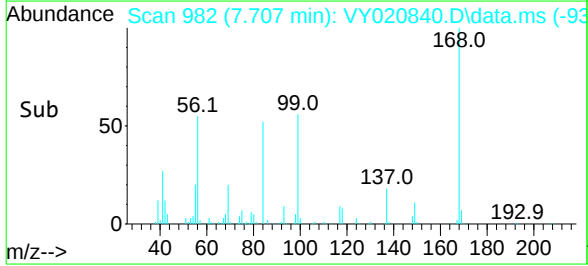
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 112148
Ion Ratio Lower Upper
56 100
69 36.7 30.5 45.7
84 96.6 76.6 115.0

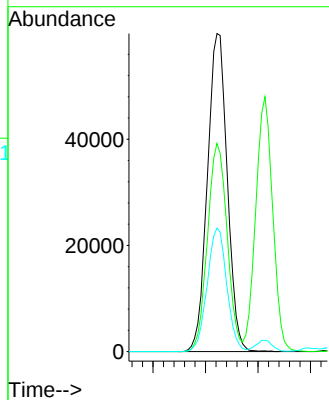
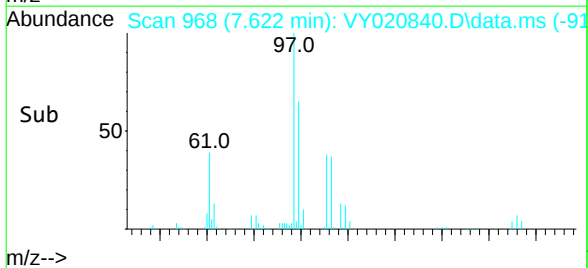
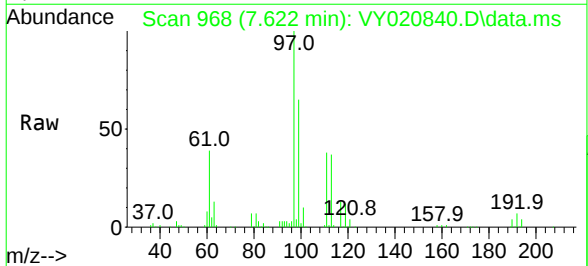
Manual Integrations
APPROVED

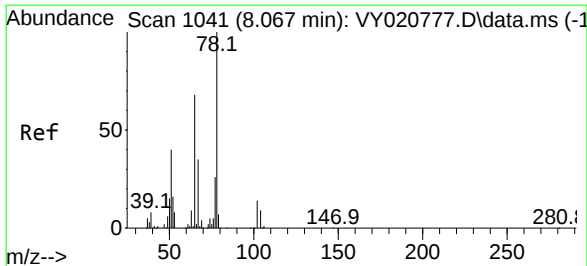
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#32
1,1,1-Trichloroethane
Concen: 44.545 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

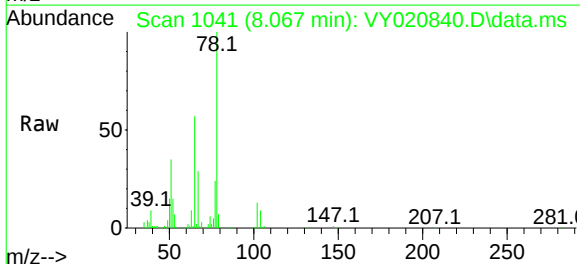
Tgt Ion: 97 Resp: 157439
Ion Ratio Lower Upper
97 100
99 64.9 51.4 77.2
61 38.2 30.5 45.7





#33
1,2-Dichloroethane-d4
Concen: 55.211 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

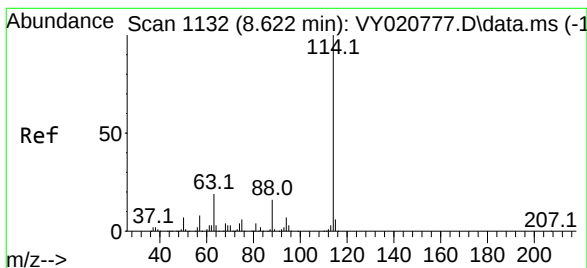
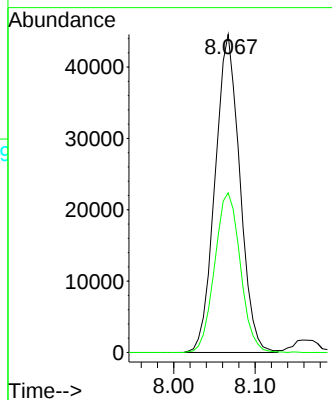
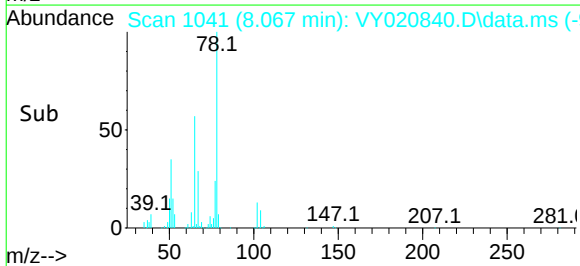
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



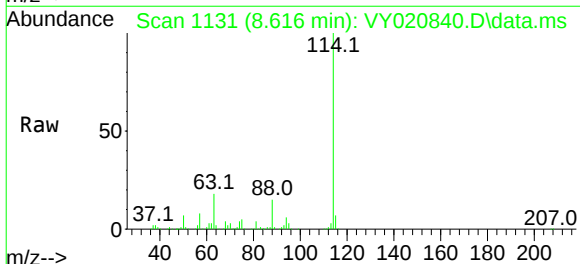
Tgt Ion: 65 Resp: 94298
Ion Ratio Lower Upper
65 100
67 52.0 0.0 102.8

Manual Integrations
APPROVED

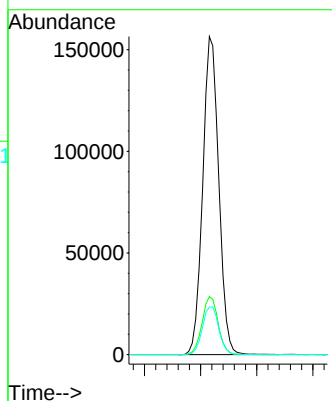
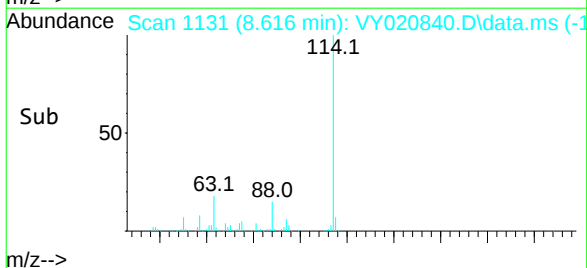
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

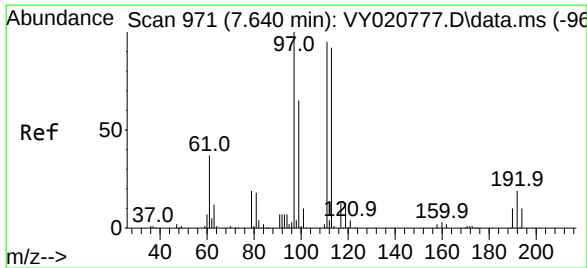


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23



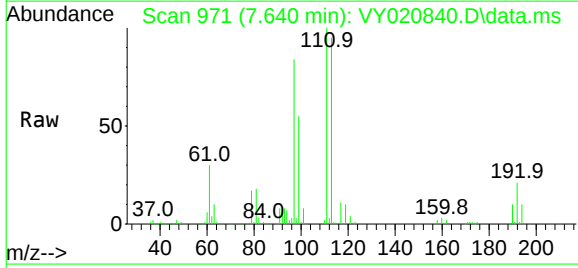
Tgt Ion:114 Resp: 310332
Ion Ratio Lower Upper
114 100
63 18.2 0.0 38.4
88 14.9 0.0 31.2





#35
Dibromofluoromethane
Concen: 50.526 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

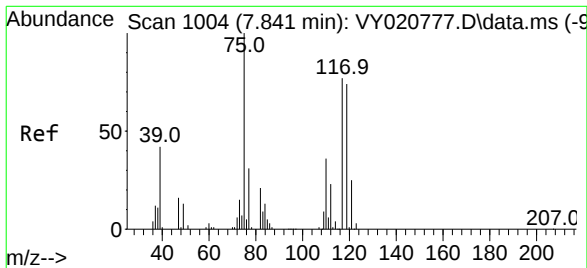
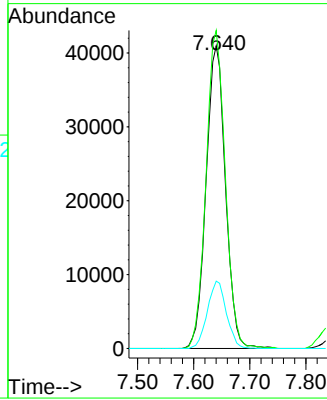
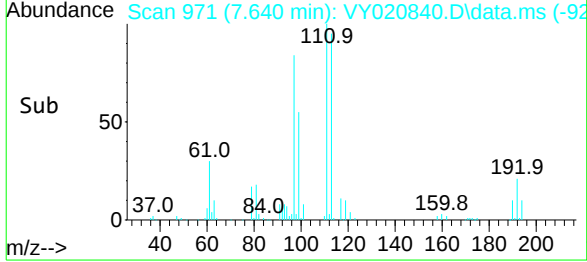
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 98232
Ion Ratio Lower Upper
113 100
111 104.5 81.7 122.5
192 21.9 16.7 25.1

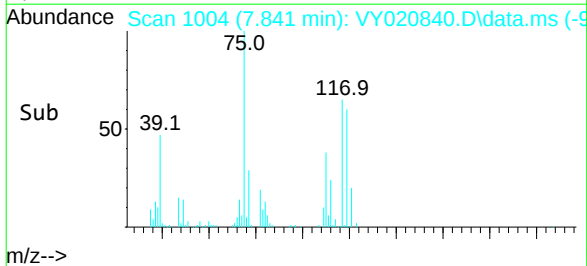
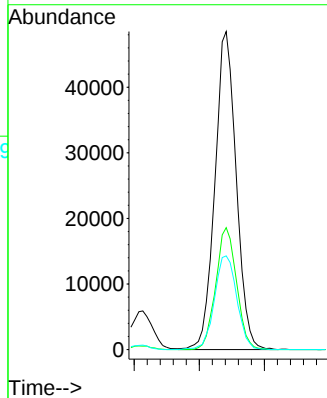
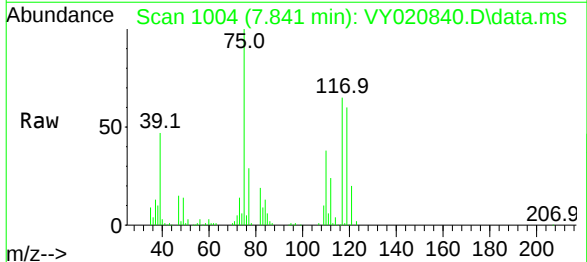
Manual Integrations
APPROVED

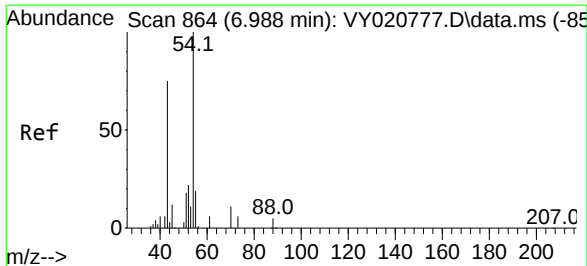
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#36
1,1-Dichloropropene
Concen: 44.459 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

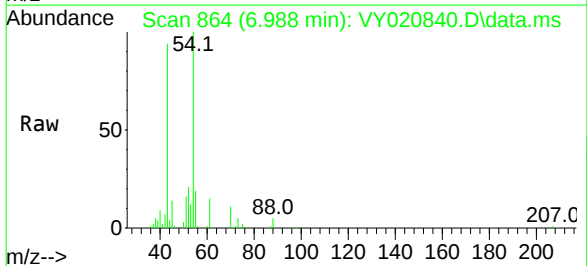
Tgt Ion: 75 Resp: 110251
Ion Ratio Lower Upper
75 100
110 37.4 18.5 55.5
77 30.9 25.0 37.4





#37
Ethyl Acetate
Concen: 57.678 ug/l
RT: 6.988 min Scan# 864
Delta R.T. -0.000 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

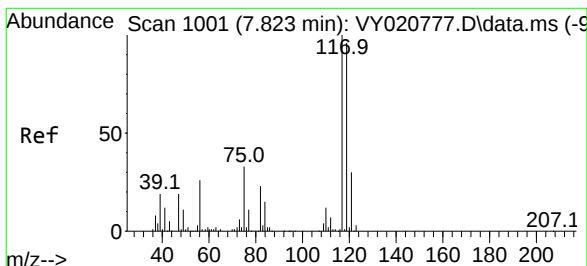
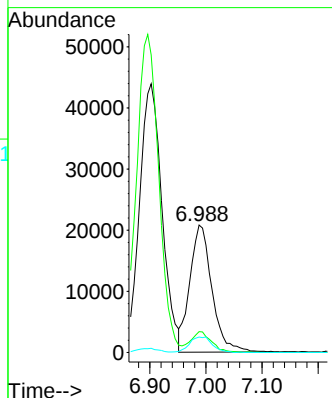
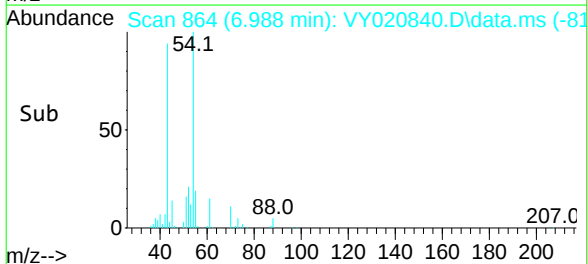
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 56919
Ion Ratio Lower Upper
43 100
61 15.5 11.8 17.6
70 12.5 9.8 14.8

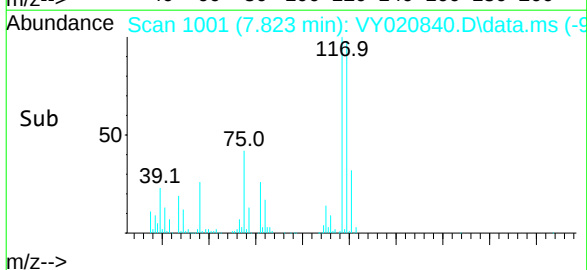
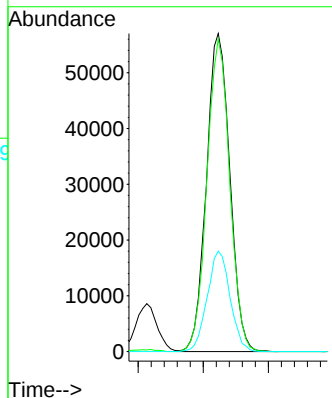
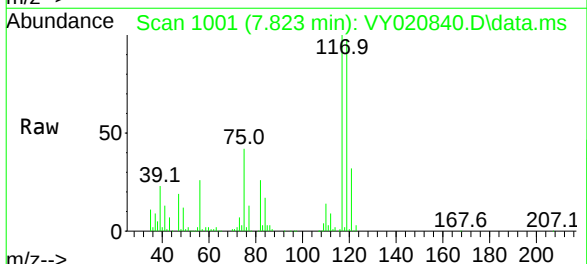
Manual Integrations
APPROVED

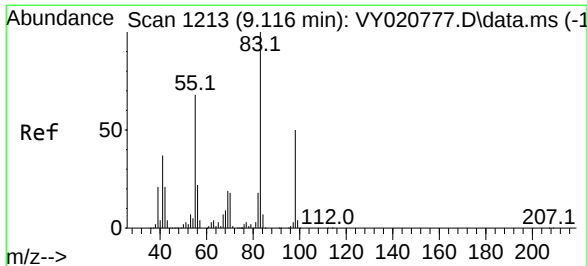
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#38
Carbon Tetrachloride
Concen: 41.279 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

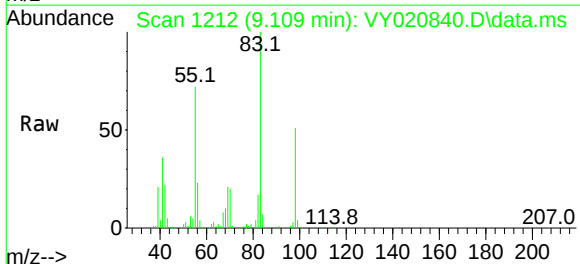
Tgt Ion:117 Resp: 142491
Ion Ratio Lower Upper
117 100
119 98.3 76.5 114.7
121 31.6 24.3 36.5





#39
Methylcyclohexane
Concen: 44.308 ug/l
RT: 9.109 min Scan# 1213
Delta R.T. -0.006 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

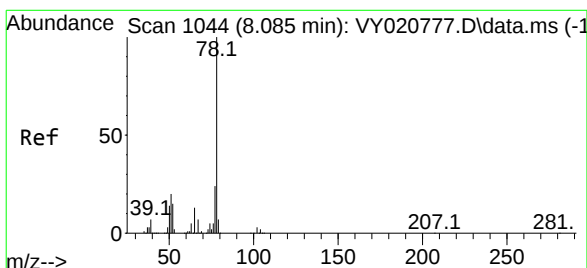
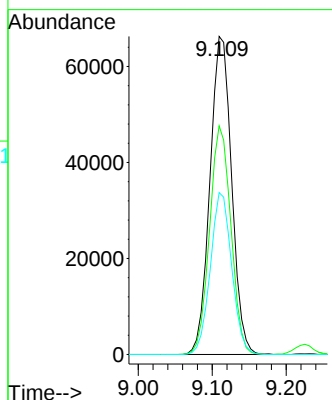
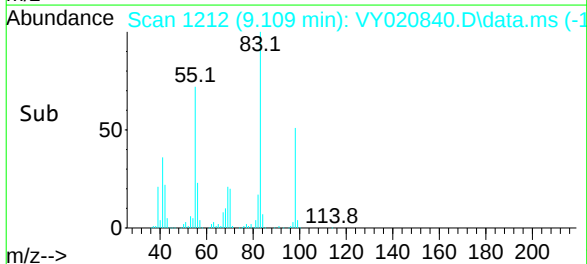
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 134832
Ion Ratio Lower Upper
83 100
55 71.9 54.8 82.2
98 50.9 40.0 60.0

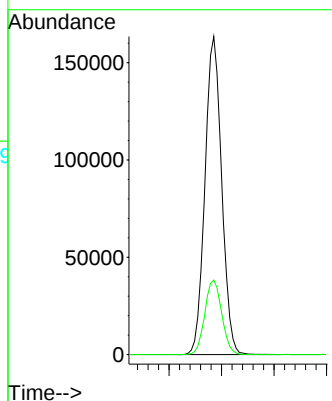
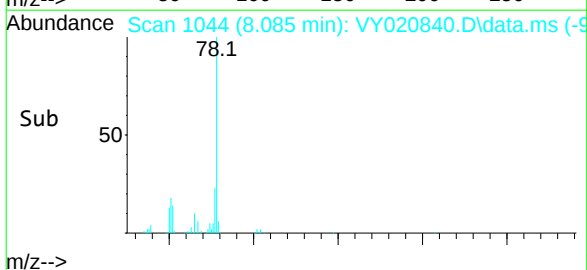
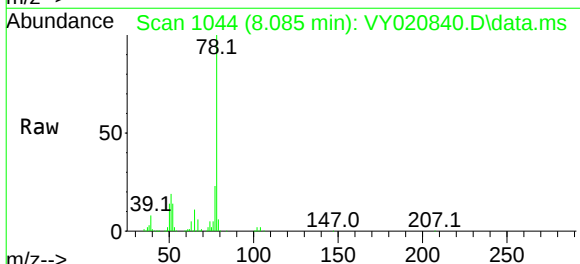
Manual Integrations
APPROVED

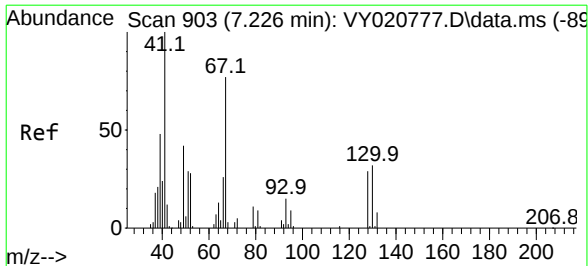
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#40
Benzene
Concen: 47.462 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

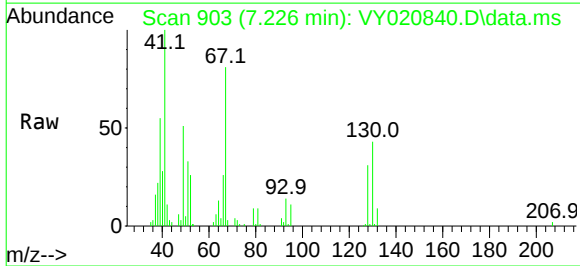
Tgt Ion: 78 Resp: 361232
Ion Ratio Lower Upper
78 100
77 23.4 19.4 29.2





#41
Methacrylonitrile
Concen: 61.114 ug/l
RT: 7.226 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

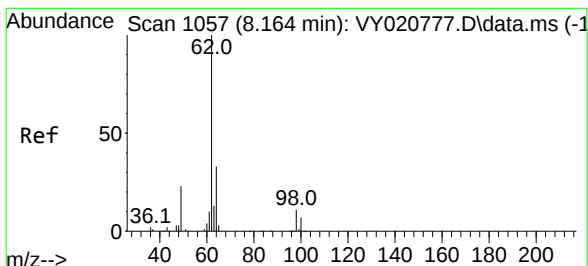
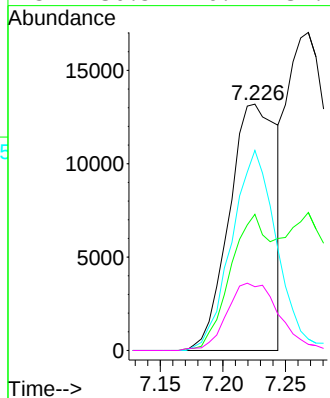
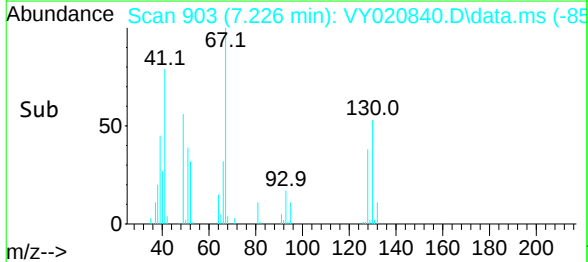
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 34539
Ion Ratio Lower Upper
41 100
39 45.3 42.4 63.6
67 78.7 67.8 101.8
52 30.5 26.2 39.4

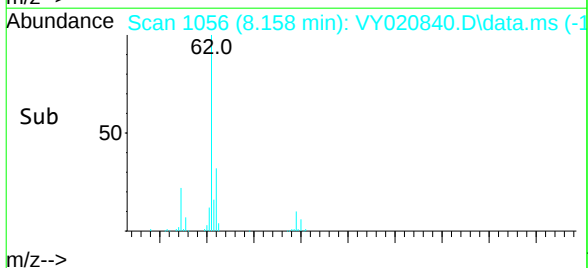
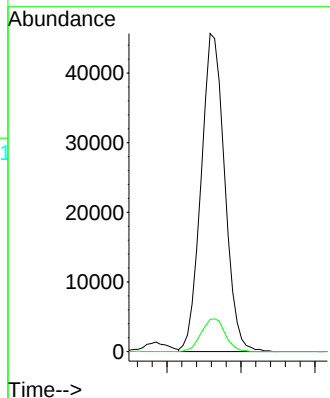
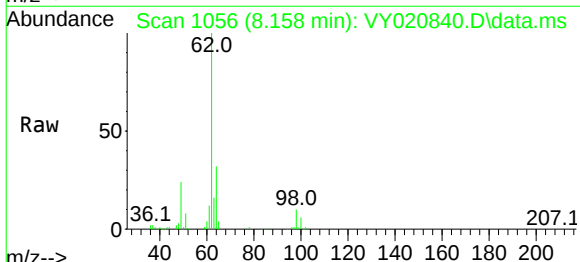
Manual Integrations
APPROVED

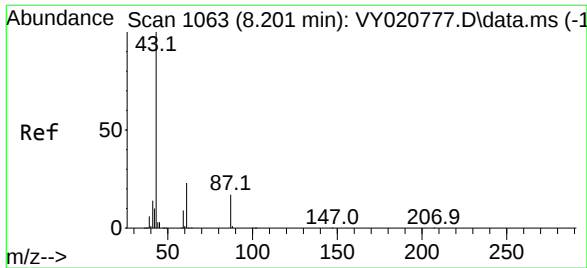
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#42
1,2-Dichloroethane
Concen: 48.679 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

Tgt Ion: 62 Resp: 101177
Ion Ratio Lower Upper
62 100
98 10.5 0.0 19.6





#43

Isopropyl Acetate

Concen: 57.008 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VY020840.D

Acq: 15 Jan 2025 18:23

Instrument :

MSVOA_Y

ClientSampleId :

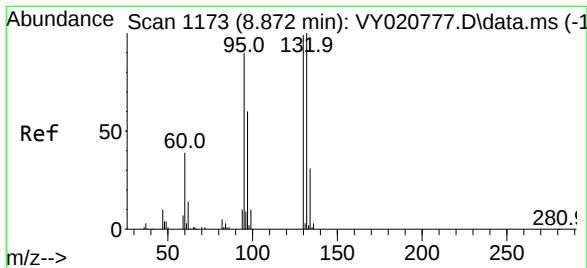
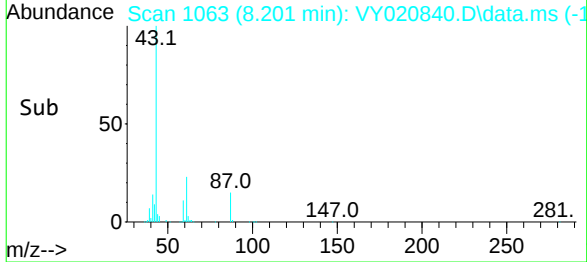
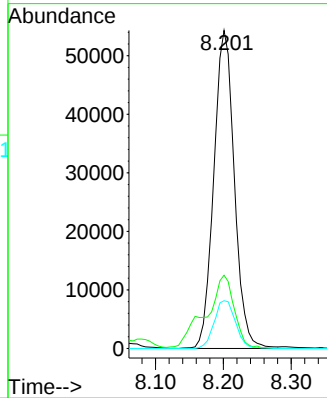
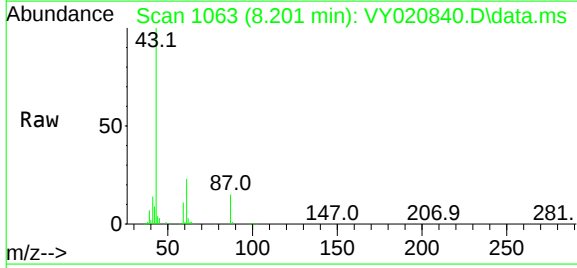
VSTDCCC050EC

Tgt Ion:	43	Resp:	114427
Ion	Ratio	Lower	Upper
43	100		
61	32.3	26.5	39.7
87	15.6	13.4	20.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#44

Trichloroethene

Concen: 45.761 ug/l

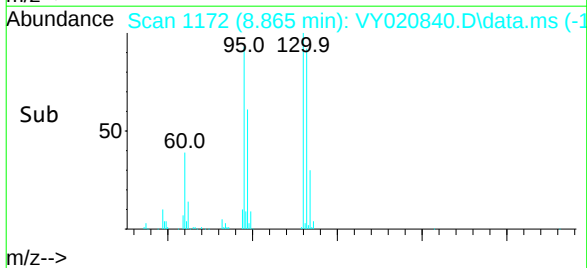
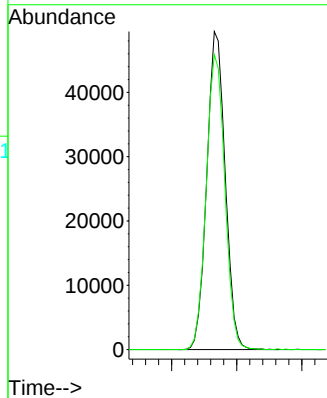
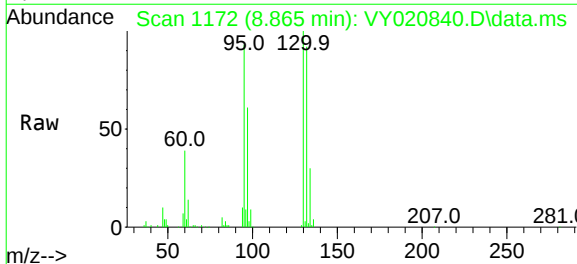
RT: 8.865 min Scan# 1172

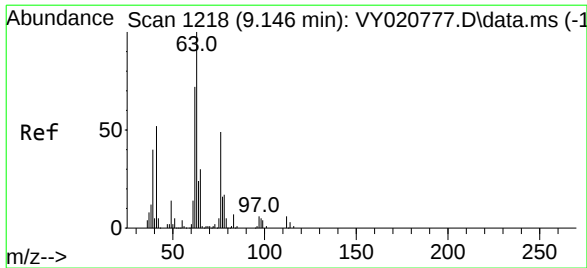
Delta R.T. -0.006 min

Lab File: VY020840.D

Acq: 15 Jan 2025 18:23

Tgt Ion:	130	Resp:	97089
Ion	Ratio	Lower	Upper
130	100		
95	92.7	0.0	181.0





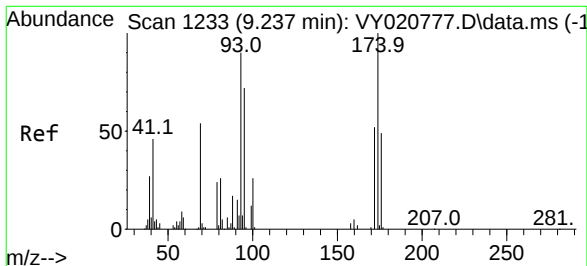
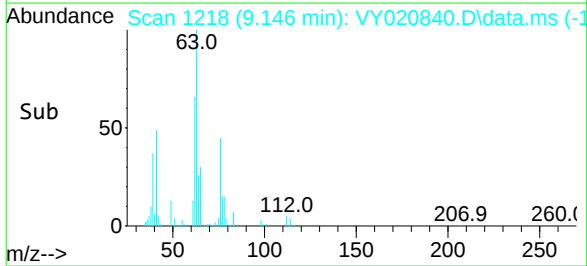
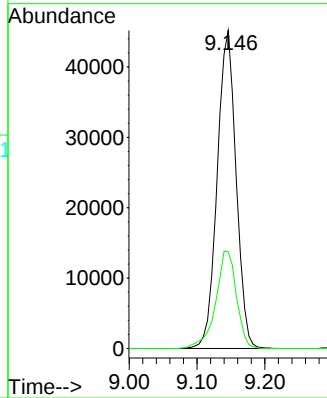
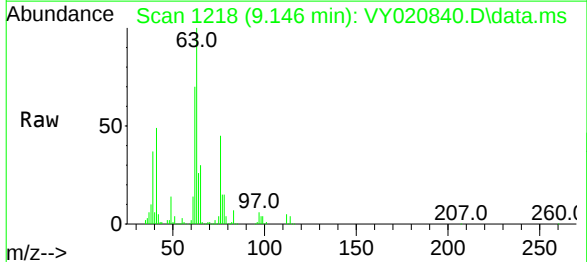
#45
1,2-Dichloropropane
Concen: 50.747 ug/l
RT: 9.146 min Scan# 1218
Delta R.T. -0.000 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 87560
Ion Ratio Lower Upper
63 100
65 30.4 24.2 36.4

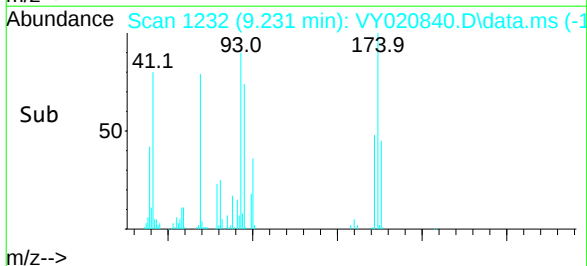
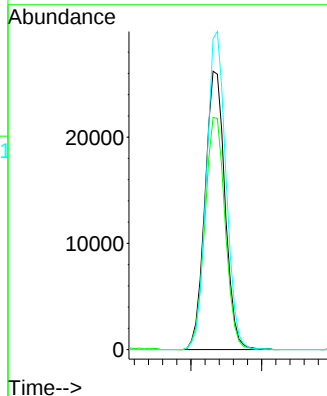
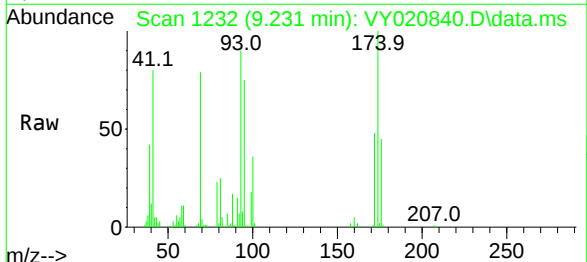
Manual Integrations
APPROVED

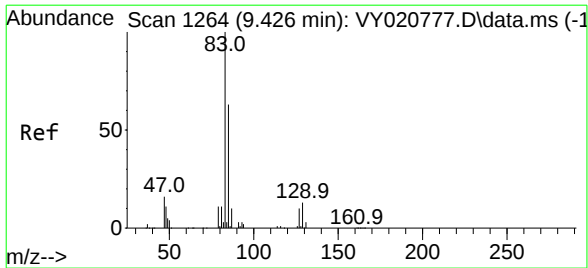
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#46
Dibromomethane
Concen: 52.051 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.006 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

Tgt Ion: 93 Resp: 51572
Ion Ratio Lower Upper
93 100
95 84.2 68.2 102.4
174 111.5 89.0 133.6





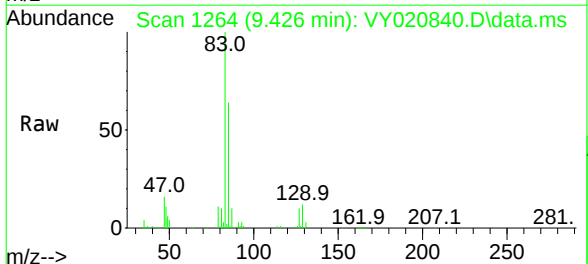
#47
 Bromodichloromethane
 Concen: 48.361 ug/l
 RT: 9.426 min Scan# 1264
 Delta R.T. -0.000 min
 Lab File: VY020840.D
 Acq: 15 Jan 2025 18:23

Instrument :

MSVOA_Y

ClientSampleId :

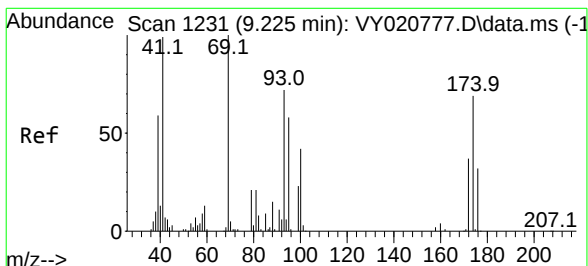
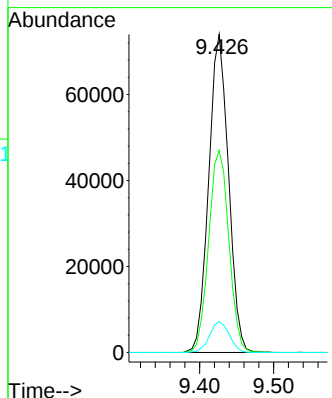
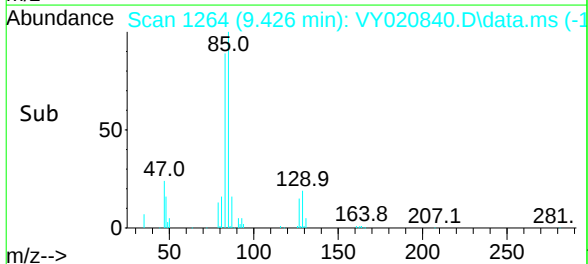
VSTDCCC050EC



Tgt Ion:	83	Resp:	137227
Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.7	76.1
127	9.7	7.9	11.9

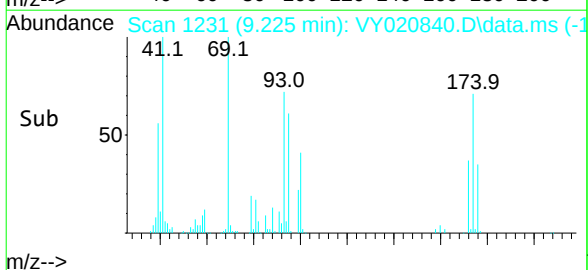
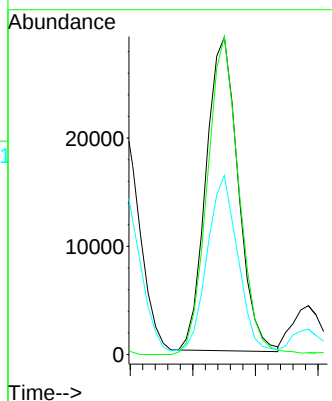
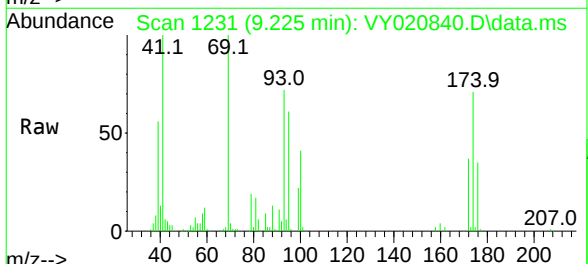
Manual Integrations
 APPROVED

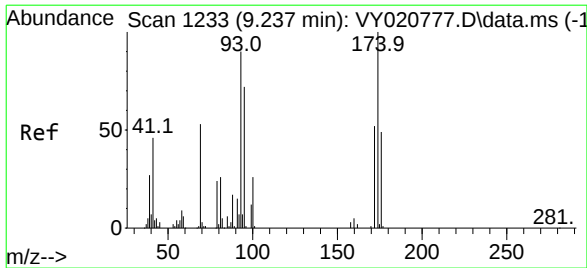
Reviewed By :Mahesh Dadoda 01/16/2025
 Supervised By :Semsettin Yesilyurt 01/16/2025



#48
 Methyl methacrylate
 Concen: 57.344 ug/l
 RT: 9.225 min Scan# 1231
 Delta R.T. -0.000 min
 Lab File: VY020840.D
 Acq: 15 Jan 2025 18:23

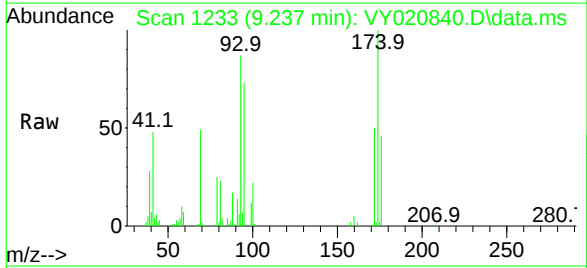
Tgt Ion:	41	Resp:	51602
Ion	Ratio	Lower	Upper
41	100		
69	100.2	78.9	118.3
39	55.9	44.6	67.0





#49
1,4-Dioxane
Concen: 1183.124 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. -0.000 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

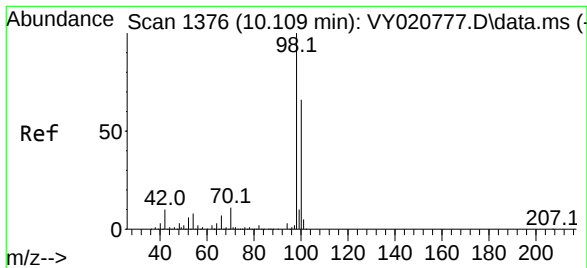
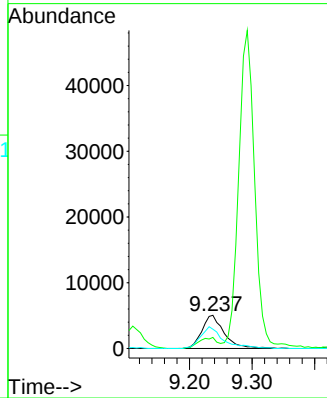
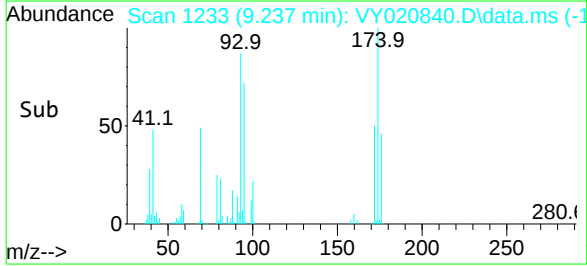
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 12446
Ion Ratio Lower Upper
88 100
43 27.6 24.4 36.6
58 67.1 51.0 76.6

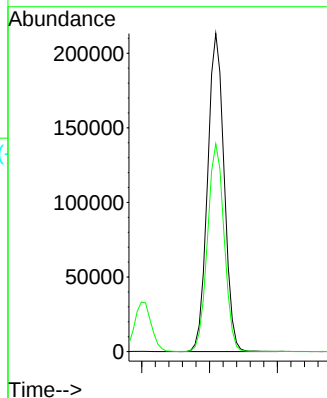
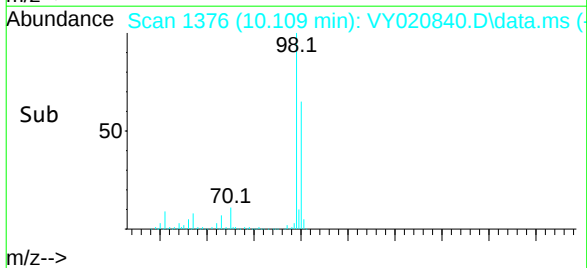
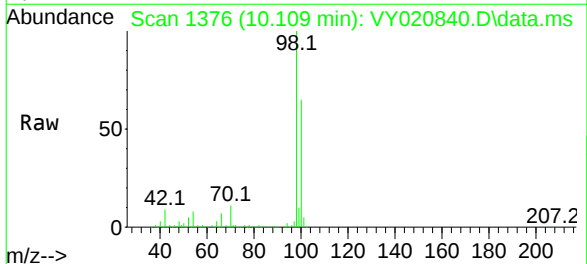
Manual Integrations
APPROVED

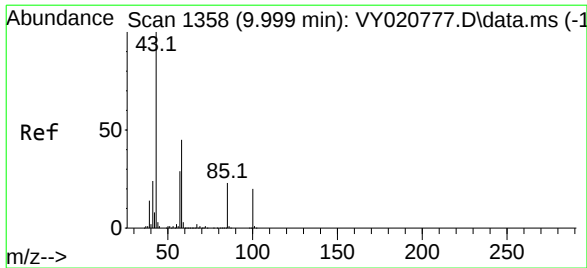
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#50
Toluene-d8
Concen: 53.320 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

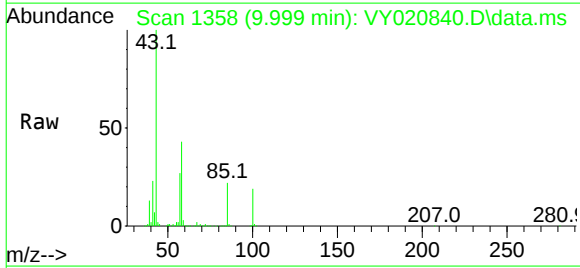
Tgt Ion: 98 Resp: 361375
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 298.877 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

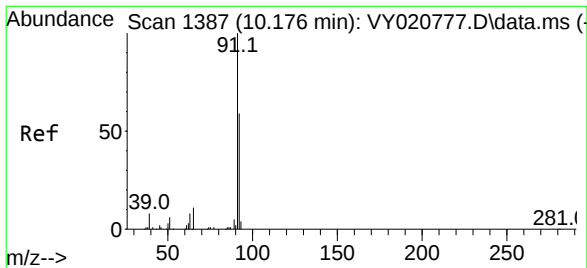
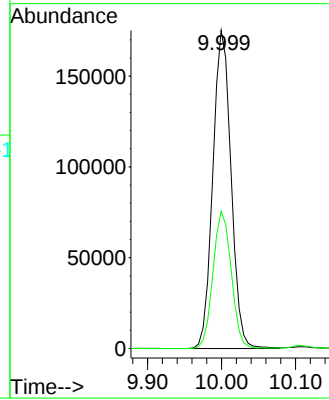
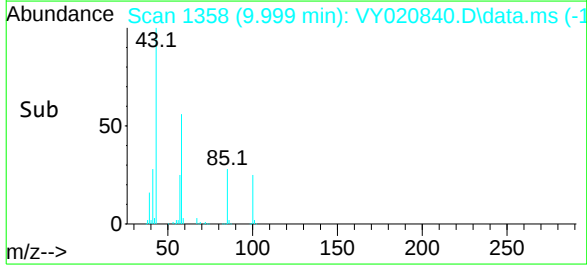
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 299706
Ion Ratio Lower Upper
43 100
58 43.3 34.8 52.2

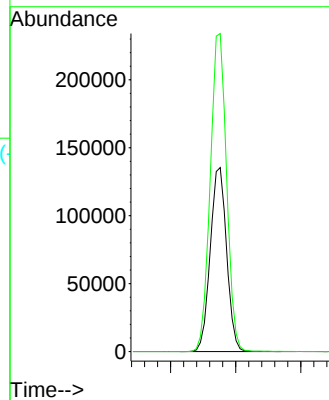
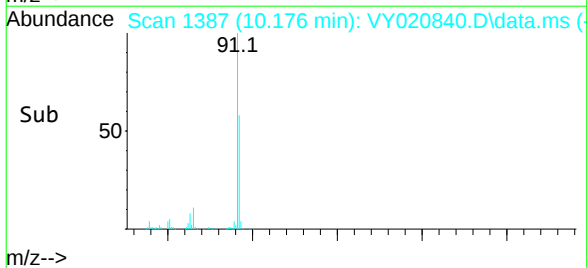
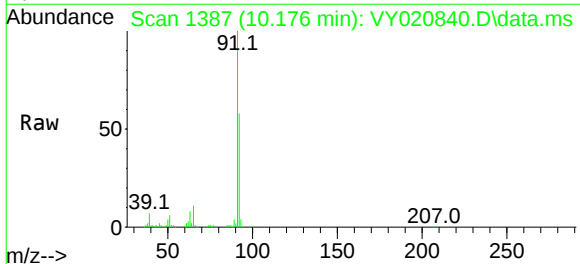
Manual Integrations
APPROVED

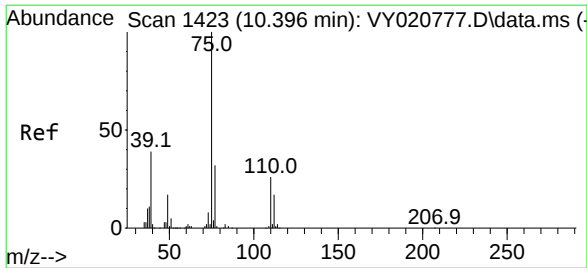
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#52
Toluene
Concen: 46.880 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

Tgt Ion: 92 Resp: 236270
Ion Ratio Lower Upper
92 100
91 172.7 136.6 204.8





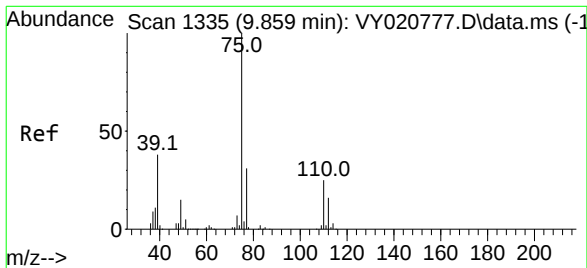
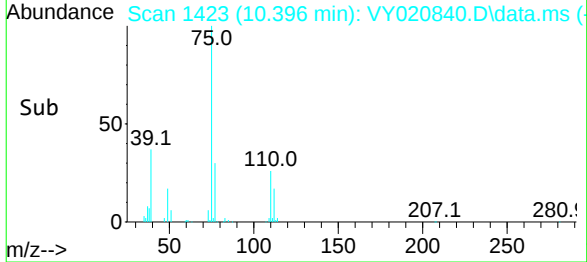
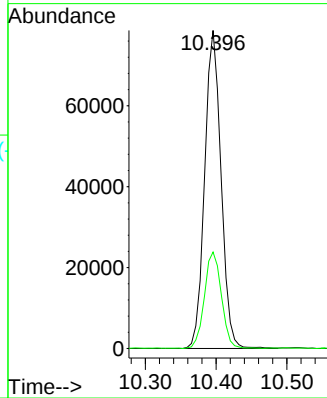
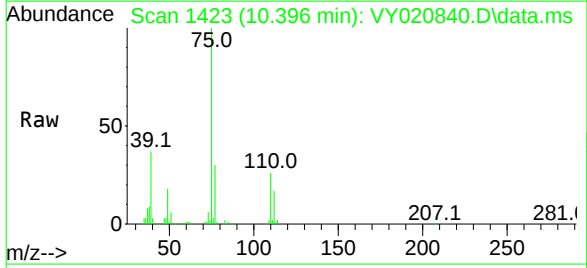
#53
t-1,3-Dichloropropene
Concen: 50.060 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 126339
Ion Ratio Lower Upper
75 100
77 30.2 25.2 37.8

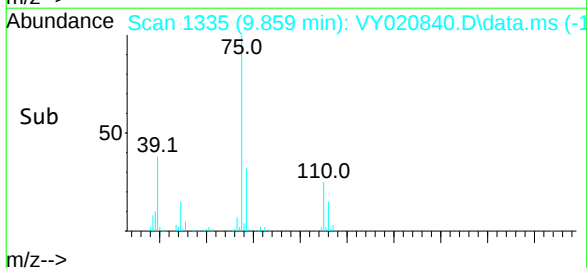
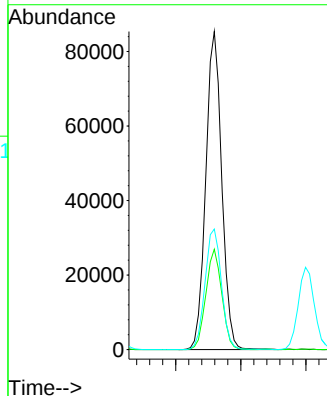
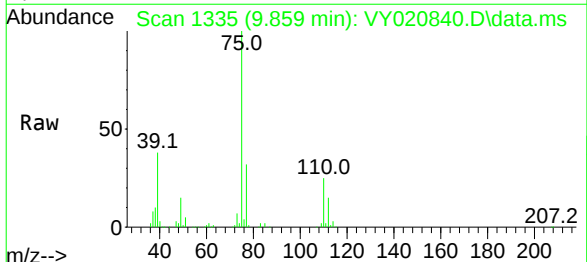
Manual Integrations
APPROVED

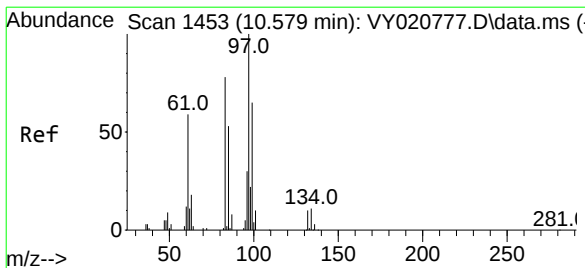
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#54
cis-1,3-Dichloropropene
Concen: 49.592 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

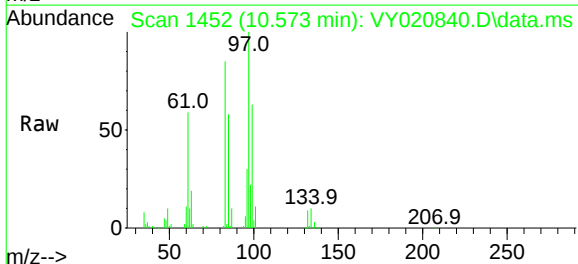
Tgt Ion: 75 Resp: 145356
Ion Ratio Lower Upper
75 100
77 31.6 24.5 36.7
39 37.9 30.7 46.1





#55
1,1,2-Trichloroethane
Concen: 51.769 ug/l
RT: 10.573 min Scan# 1453
Delta R.T. -0.006 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

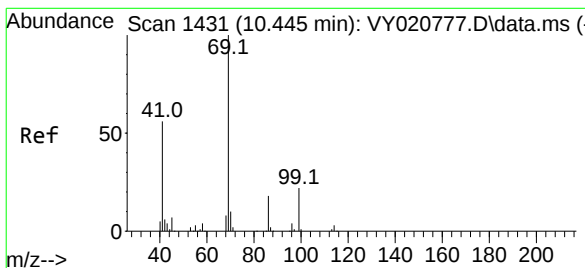
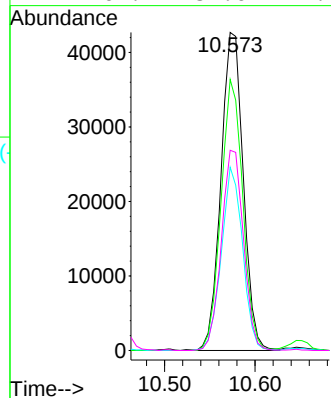
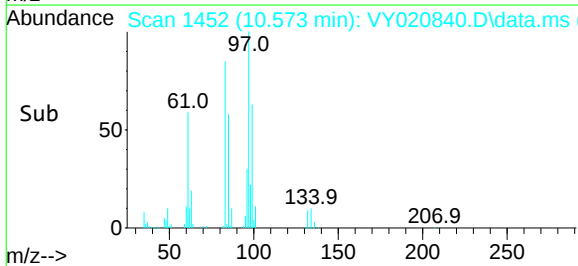
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	97	Resp:	73278
Ion	Ratio	Lower	Upper
97	100		
83	85.2	62.8	94.2
85	57.6	42.4	63.6
99	62.9	51.6	77.4

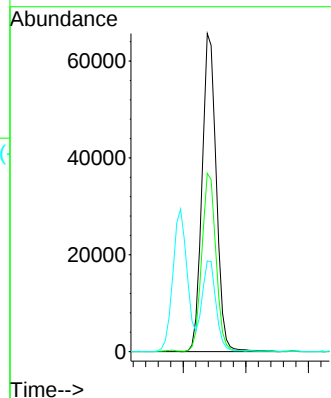
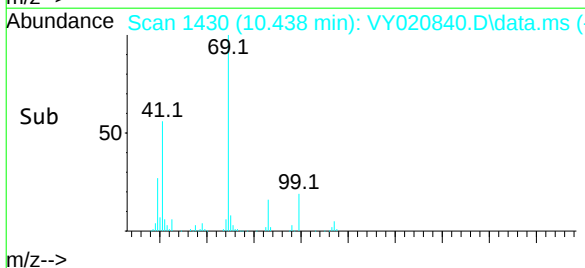
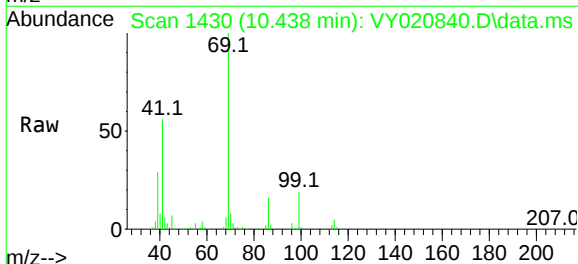
Manual Integrations
APPROVED

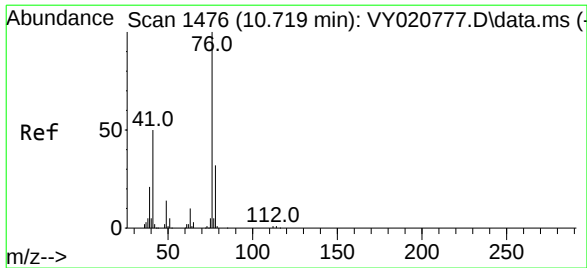
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#56
Ethyl methacrylate
Concen: 58.059 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

Tgt Ion:	69	Resp:	103788
Ion	Ratio	Lower	Upper
69	100		
41	55.4	46.6	69.8
39	27.7	25.7	38.5





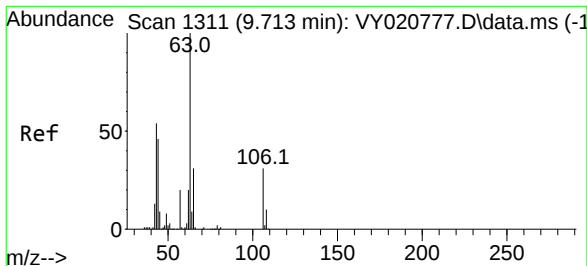
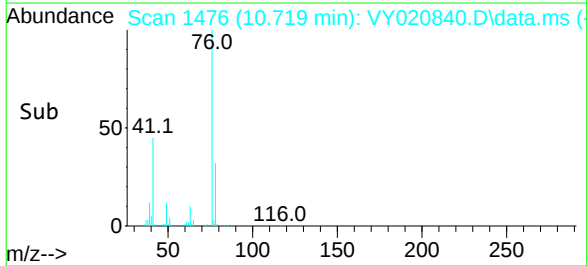
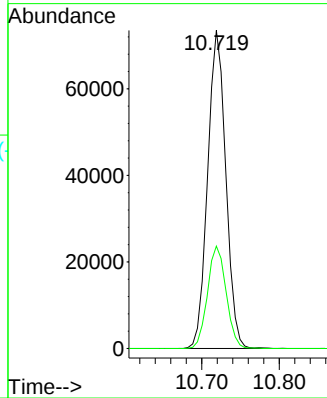
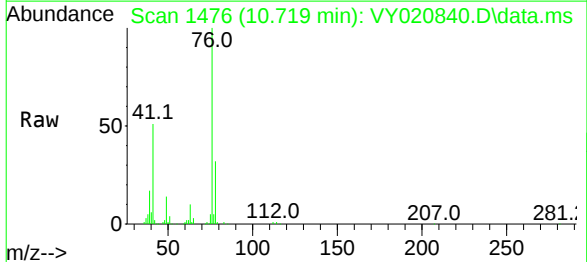
#57
1,3-Dichloropropane
Concen: 51.754 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 119411
Ion Ratio Lower Upper
76 100
78 33.1 26.1 39.1

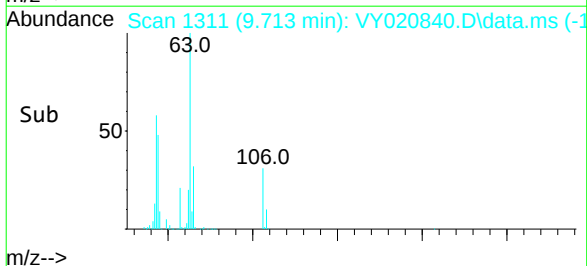
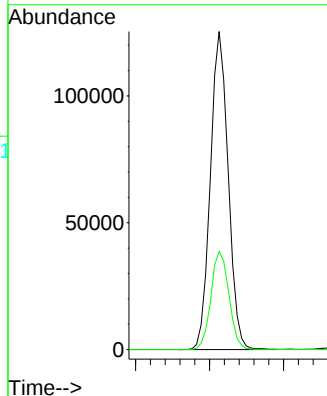
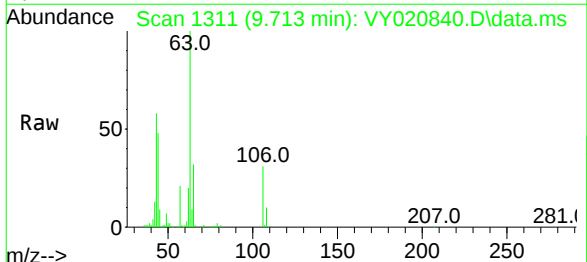
Manual Integrations
APPROVED

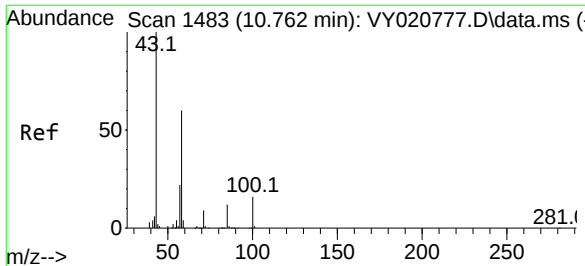
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#58
2-Chloroethyl Vinyl ether
Concen: 295.598 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

Tgt Ion: 63 Resp: 209629
Ion Ratio Lower Upper
63 100
106 31.1 25.9 38.9





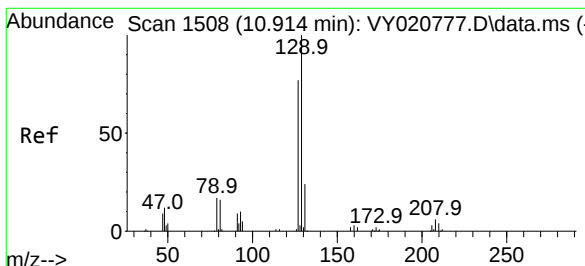
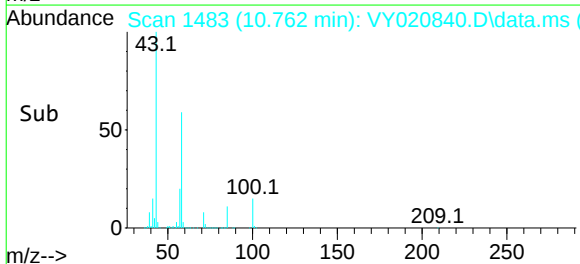
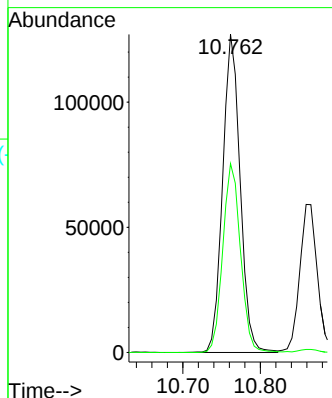
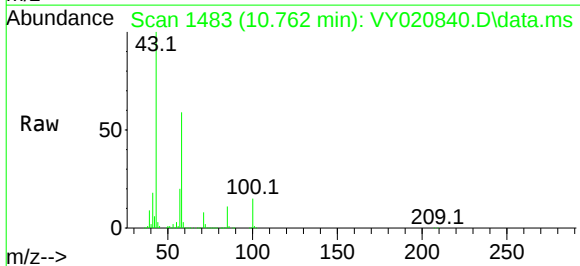
#59
2-Hexanone
Concen: 309.365 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 199023
Ion Ratio Lower Upper
43 100
58 60.1 30.6 92.0

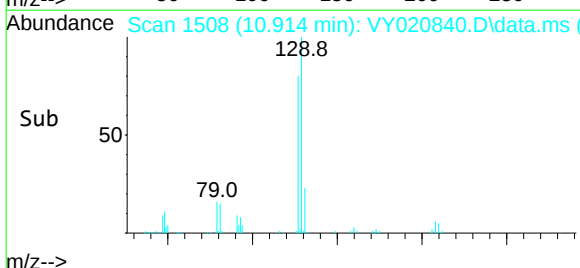
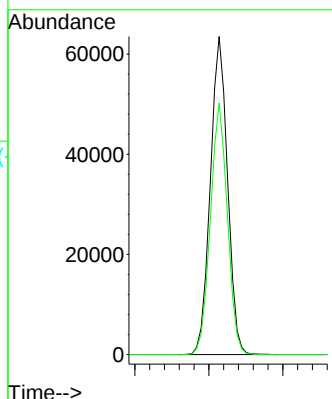
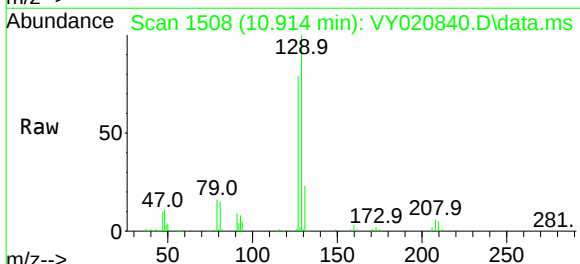
Manual Integrations
APPROVED

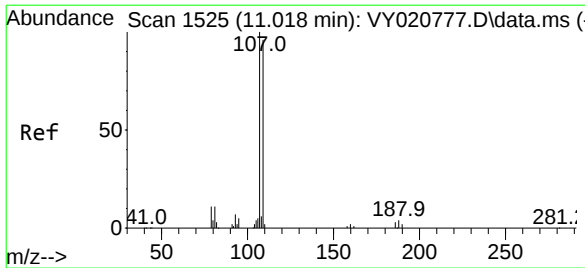
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#60
Dibromochloromethane
Concen: 49.937 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

Tgt Ion:129 Resp: 102517
Ion Ratio Lower Upper
129 100
127 78.0 38.3 114.9





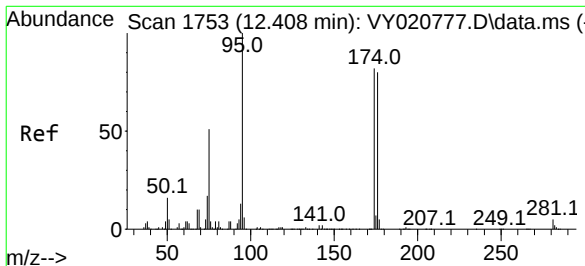
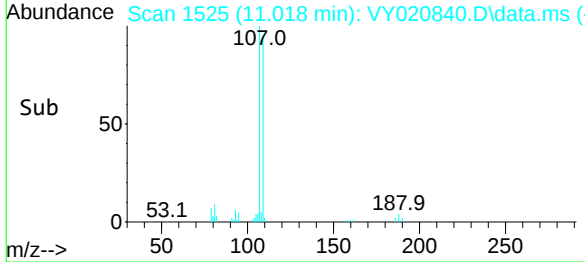
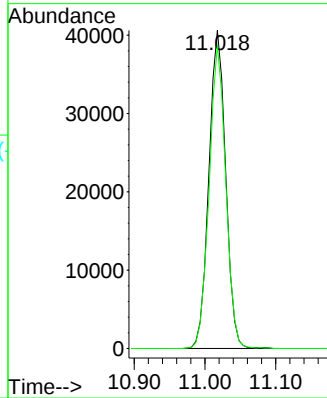
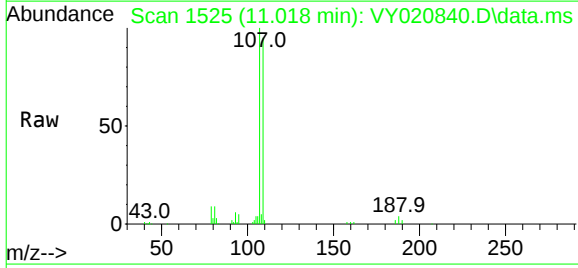
#61
1,2-Dibromoethane
Concen: 52.624 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 107 Resp: 66873
Ion Ratio Lower Upper
107 100
109 94.3 75.5 113.3

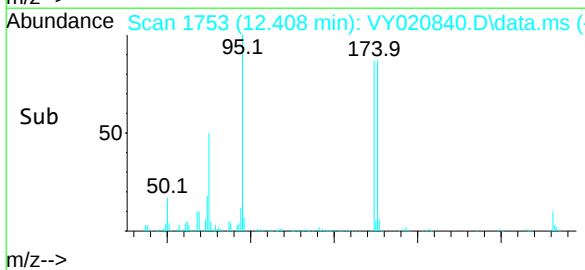
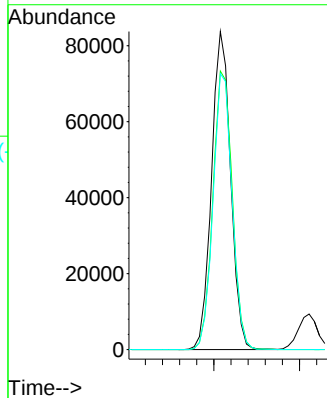
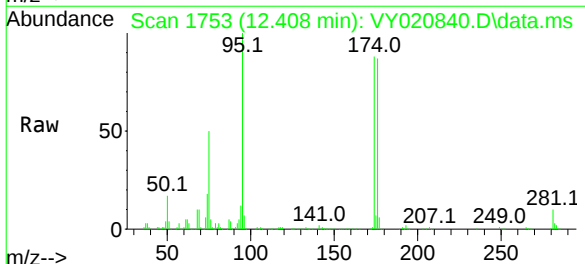
Manual Integrations
APPROVED

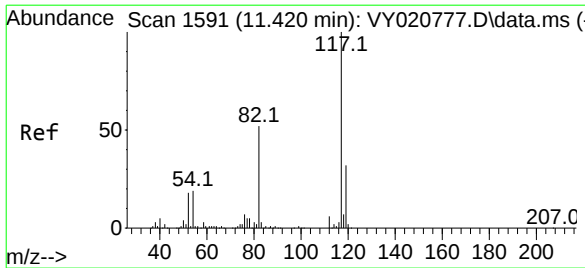
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#62
4-Bromofluorobenzene
Concen: 51.662 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

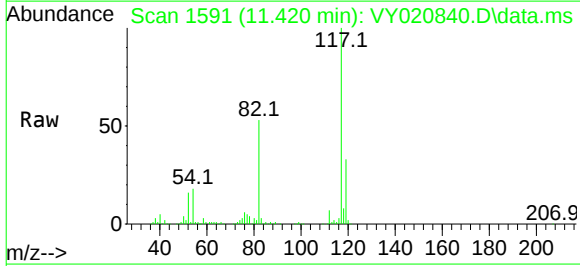
Tgt Ion: 95 Resp: 129300
Ion Ratio Lower Upper
95 100
174 88.9 0.0 178.0
176 86.7 0.0 172.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

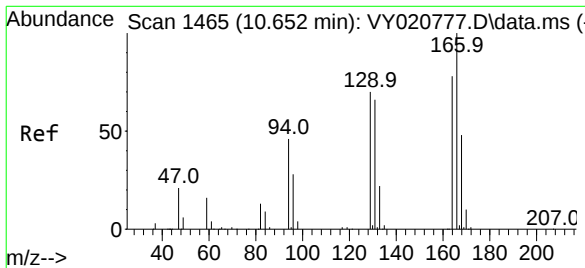
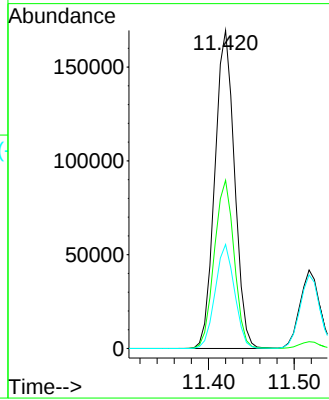
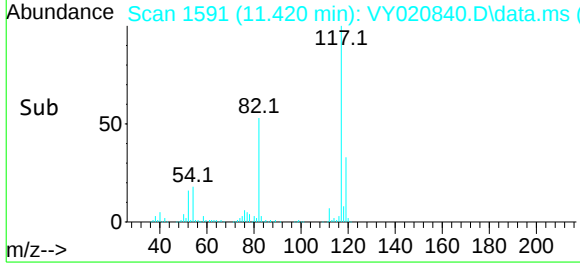
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



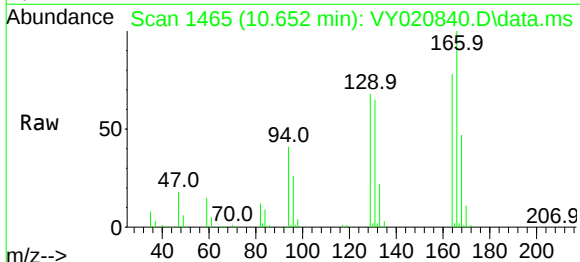
Tgt Ion:117 Resp: 270714
Ion Ratio Lower Upper
117 100
82 52.9 41.8 62.6
119 32.7 25.8 38.8

Manual Integrations
APPROVED

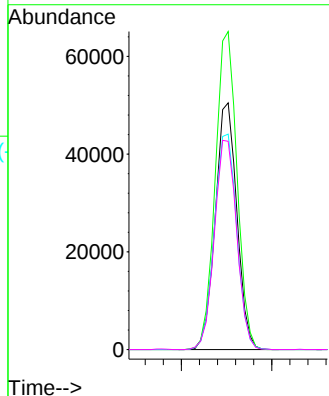
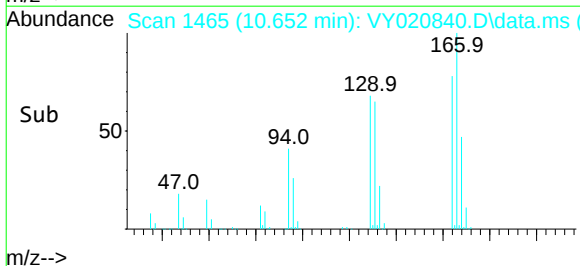
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

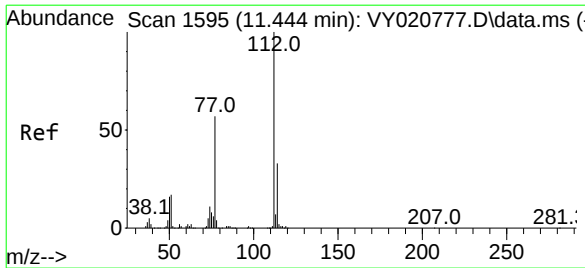


#64
Tetrachloroethene
Concen: 42.129 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23



Tgt Ion:164 Resp: 83850
Ion Ratio Lower Upper
164 100
166 128.9 102.0 153.0
129 87.3 71.4 107.2
131 84.4 67.8 101.6





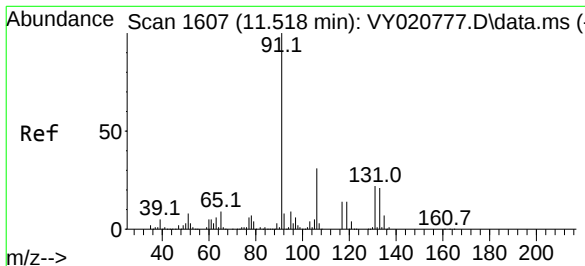
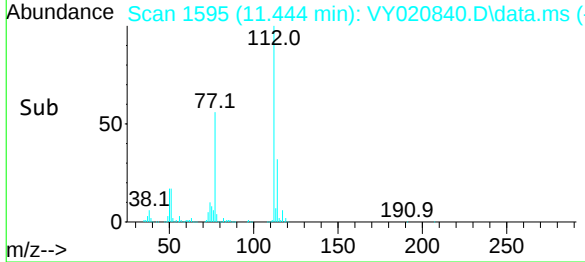
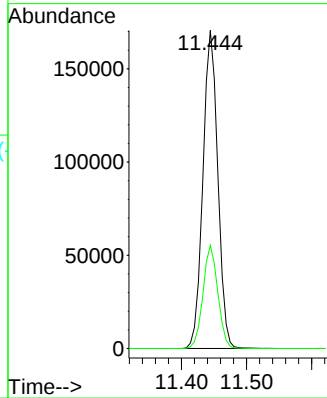
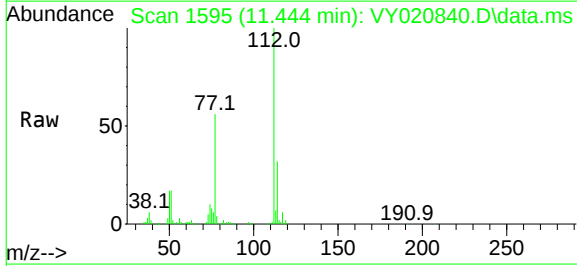
#65
Chlorobenzene
Concen: 45.214 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 270628
Ion Ratio Lower Upper
112 100
114 32.5 26.1 39.1

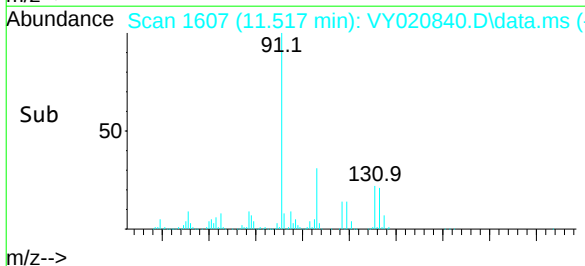
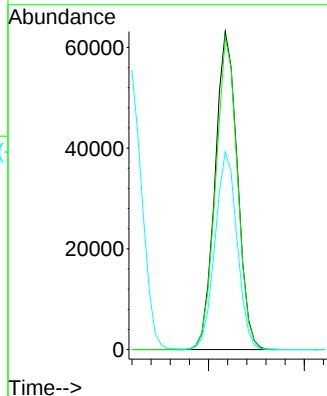
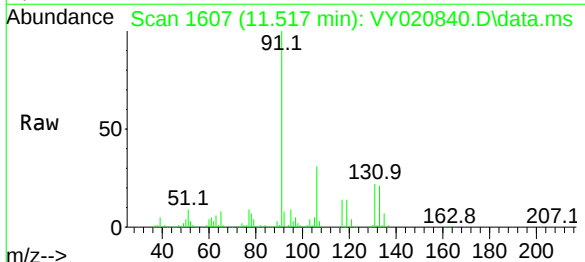
Manual Integrations
APPROVED

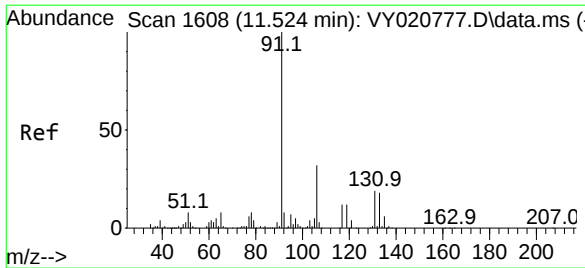
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 44.712 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

Tgt Ion:131 Resp: 101881
Ion Ratio Lower Upper
131 100
133 95.9 46.9 140.8
119 61.7 30.2 90.6





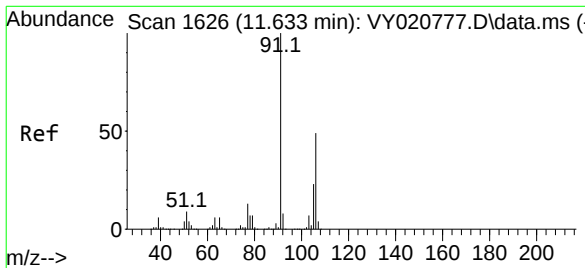
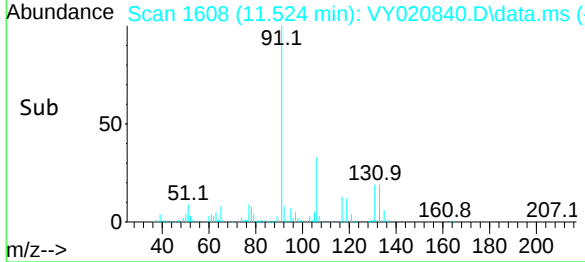
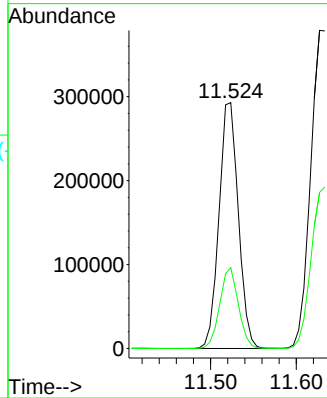
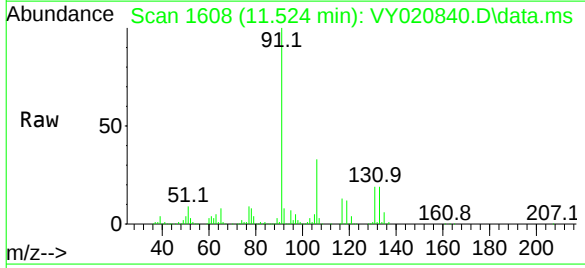
#67
Ethyl Benzene
Concen: 44.374 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. -0.000 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 459842
Ion Ratio Lower Upper
91 100
106 32.9 25.5 38.3

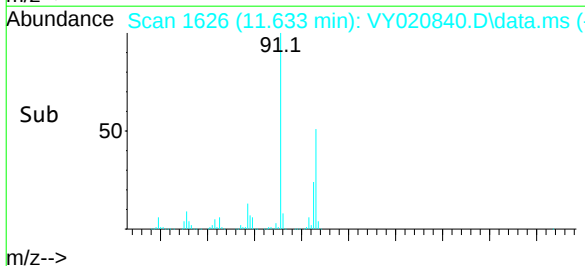
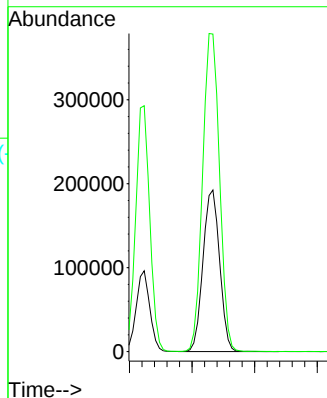
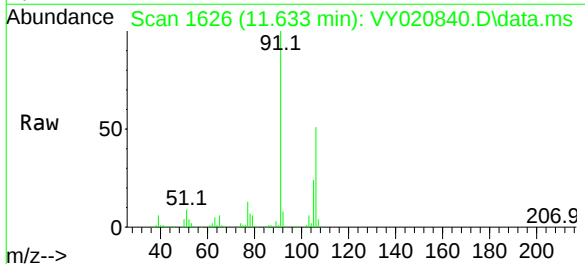
Manual Integrations
APPROVED

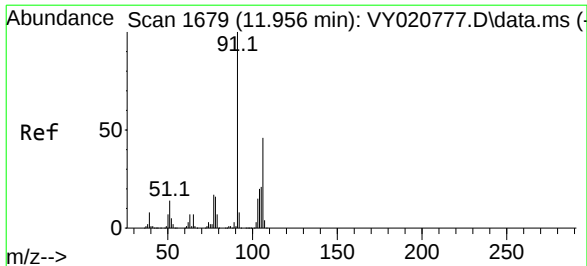
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#68
m/p-Xylenes
Concen: 88.963 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

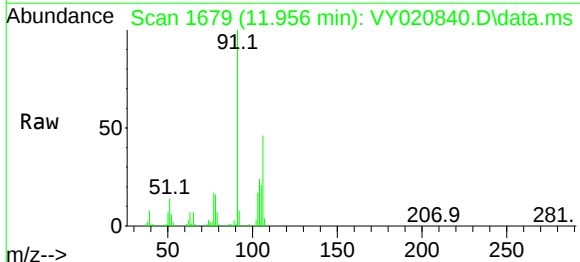
Tgt Ion:106 Resp: 354945
Ion Ratio Lower Upper
106 100
91 199.9 162.6 243.8





#69
o-Xylene
Concen: 45.618 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

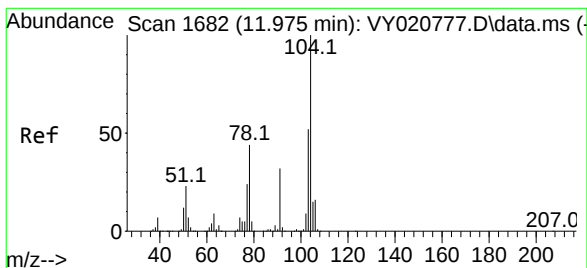
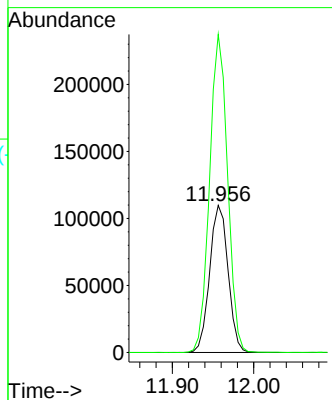
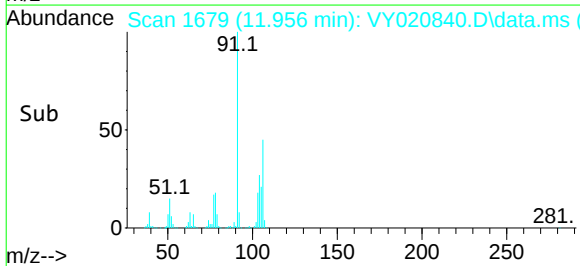
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 172573
Ion Ratio Lower Upper
106 100
91 211.2 108.2 324.6

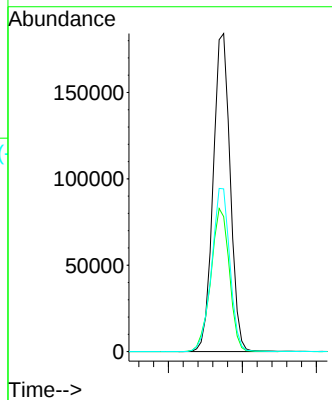
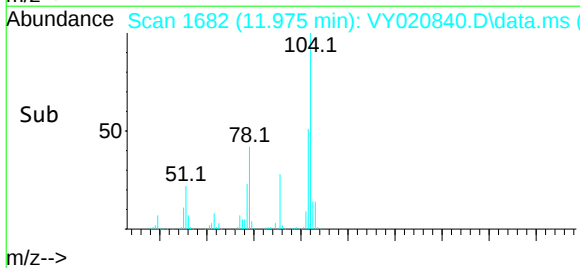
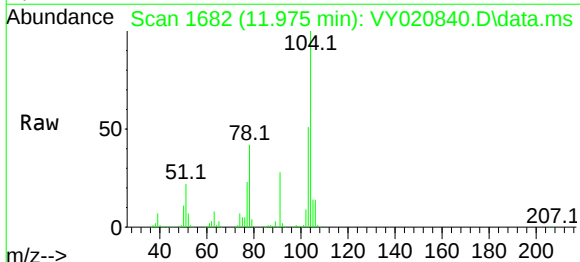
Manual Integrations
APPROVED

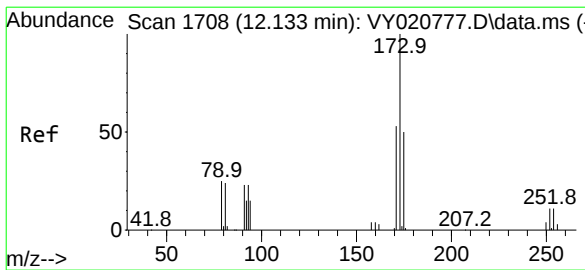
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#70
Styrene
Concen: 46.280 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

Tgt Ion:104 Resp: 294709
Ion Ratio Lower Upper
104 100
78 48.9 39.4 59.2
103 55.0 44.0 66.0





#71

Bromoform

Concen: 49.055 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. -0.000 min

Lab File: VY020840.D

Acq: 15 Jan 2025 18:23

Instrument :

MSVOA_Y

ClientSampleId :

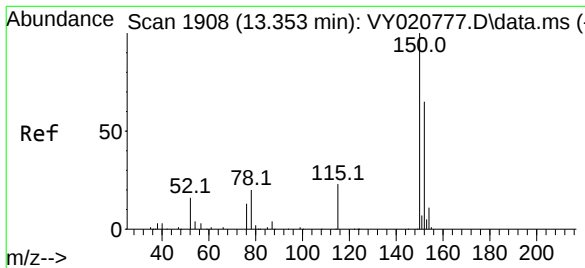
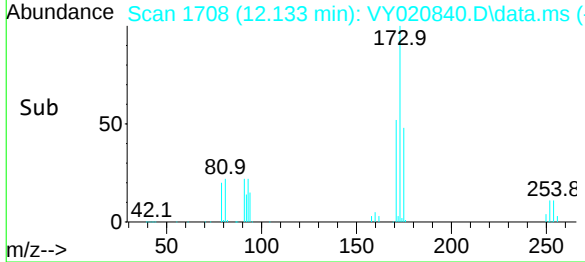
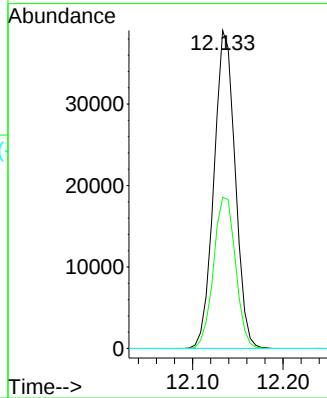
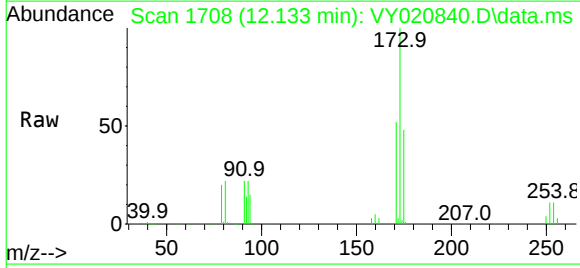
VSTDCCC050EC

Tgt Ion:	173	Resp:	63542
Ion Ratio	Lower	Upper	
173	100		
175	49.4	24.2	72.6
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

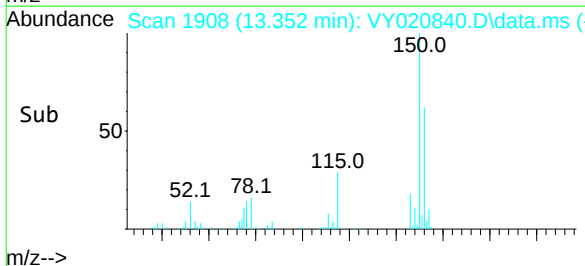
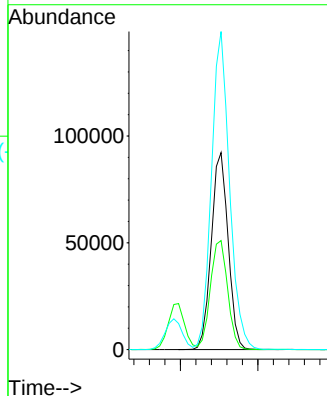
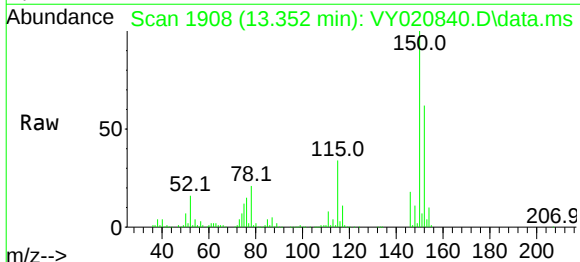
RT: 13.352 min Scan# 1908

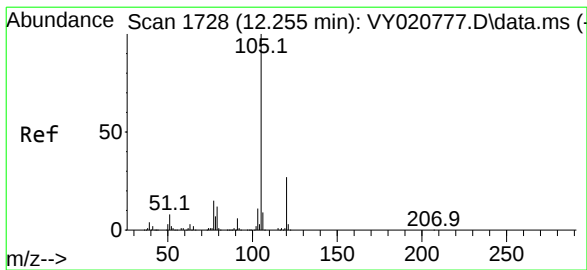
Delta R.T. -0.000 min

Lab File: VY020840.D

Acq: 15 Jan 2025 18:23

Tgt Ion:	152	Resp:	139328
Ion Ratio	Lower	Upper	
152	100		
115	56.5	29.0	87.0
150	173.3	0.0	347.4





#73

Isopropylbenzene

Concen: 41.160 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. -0.000 min

Lab File: VY020840.D

Acq: 15 Jan 2025 18:23

Instrument :

MSVOA_Y

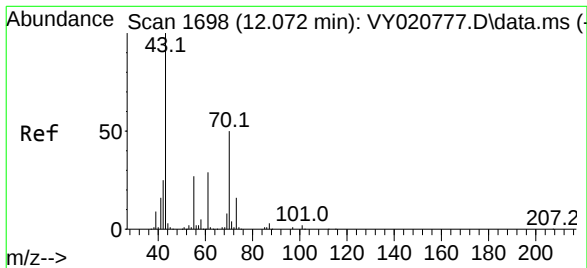
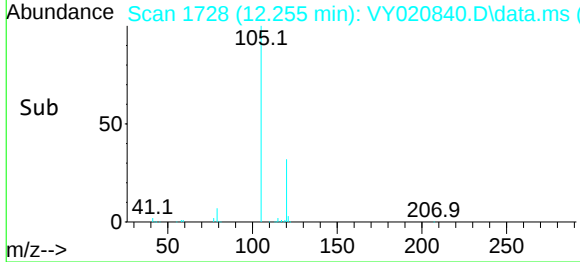
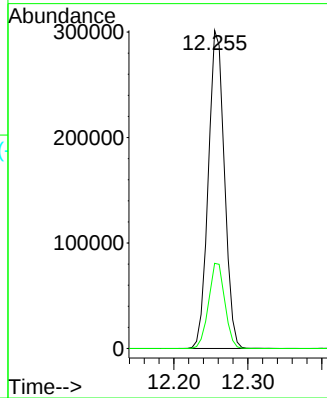
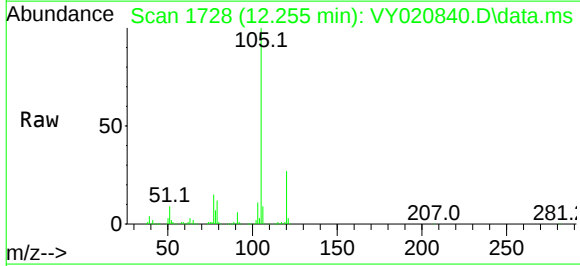
ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 454951
 Ion Ratio Lower Upper
 105 100
 120 27.0 13.3 39.9

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/16/2025
 Supervised By :Semsettin Yesilyurt 01/16/2025



#74

N-ethyl acetate

Concen: 55.410 ug/l

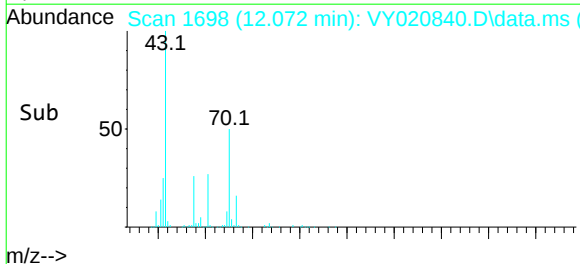
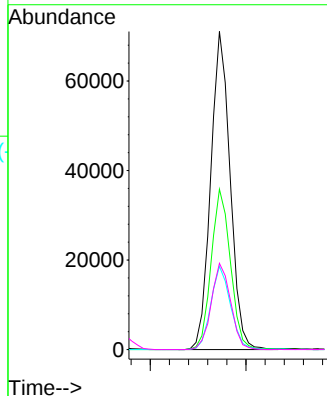
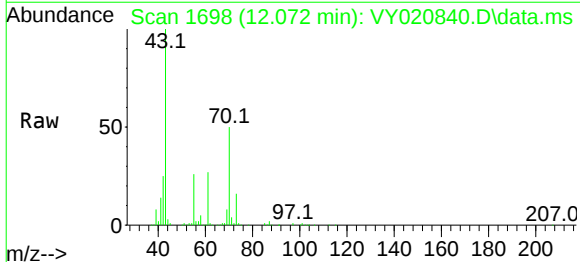
RT: 12.072 min Scan# 1698

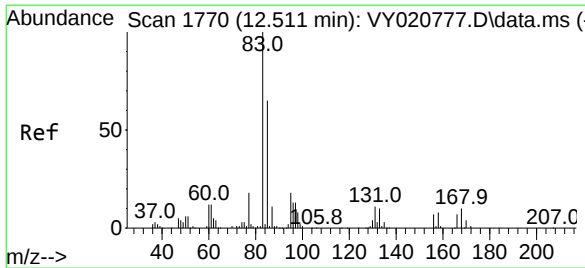
Delta R.T. -0.000 min

Lab File: VY020840.D

Acq: 15 Jan 2025 18:23

Tgt Ion: 43 Resp: 100182
 Ion Ratio Lower Upper
 43 100
 70 50.2 40.2 60.4
 55 26.5 21.2 31.8
 61 27.0 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 49.993 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY020840.D

Acq: 15 Jan 2025 18:23

Instrument :

MSVOA_Y

ClientSampleId :

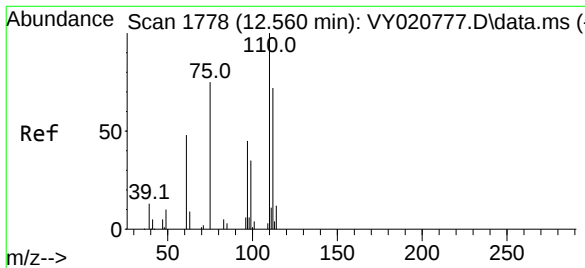
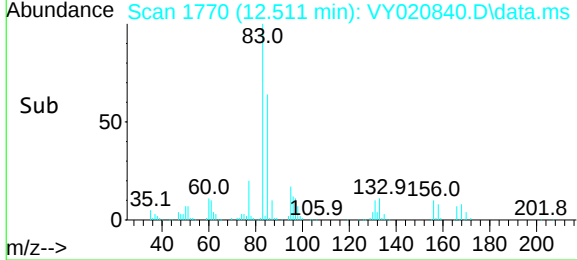
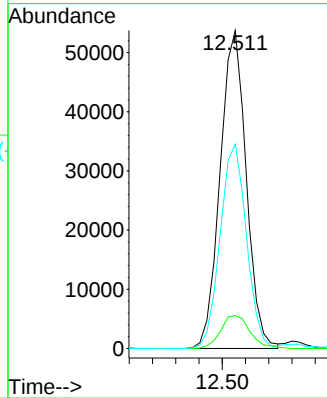
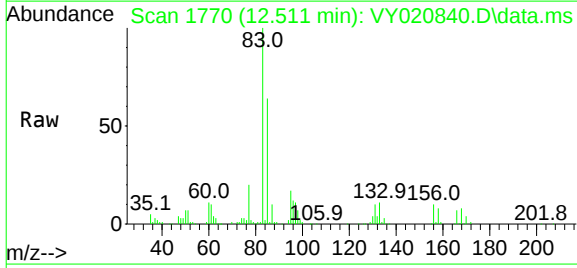
VSTDCCC050EC

Tgt Ion:	83	Resp:	83751
Ion Ratio	Lower	Upper	
83	100		
131	11.7	6.0	18.0
85	64.9	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#76

1,2,3-Trichloropropane

Concen: 44.793 ug/l m

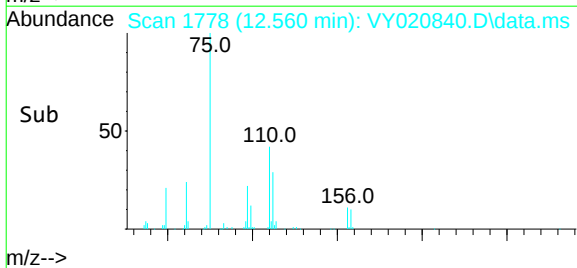
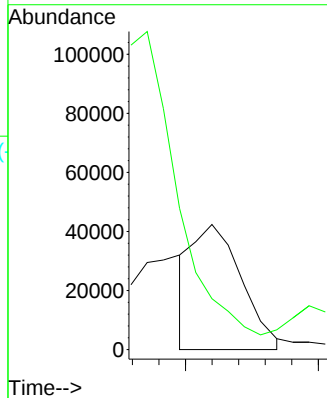
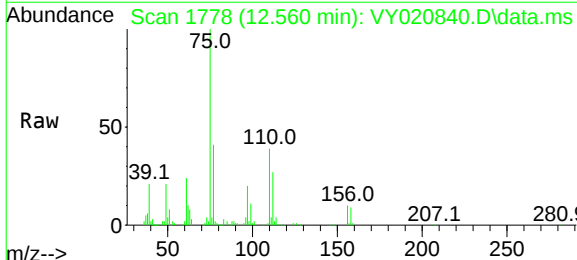
RT: 12.560 min Scan# 1778

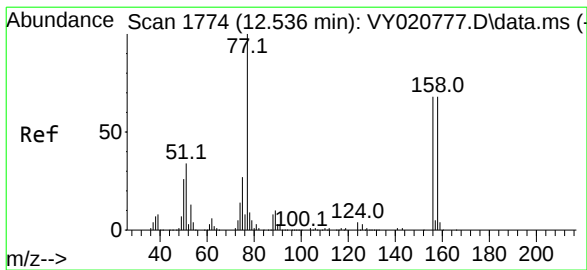
Delta R.T. -0.000 min

Lab File: VY020840.D

Acq: 15 Jan 2025 18:23

Tgt Ion:	75	Resp:	54607
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 44.266 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY020840.D

Acq: 15 Jan 2025 18:23

Instrument :

MSVOA_Y

ClientSampleId :

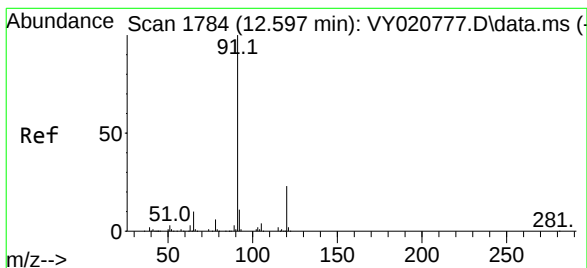
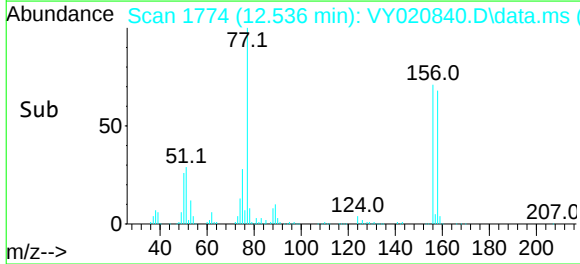
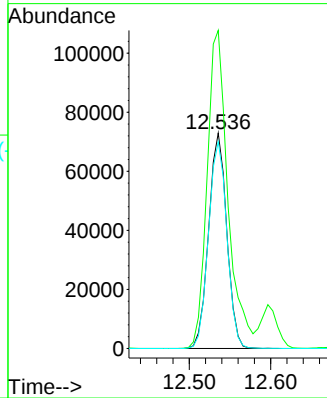
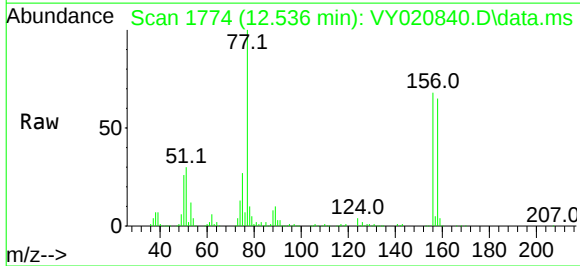
VSTDCCC050EC

Tgt Ion:	156	Resp:	112807
Ion Ratio	Lower	Upper	
156	100		
77	169.1	82.3	247.0
158	97.2	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#78

n-propylbenzene

Concen: 42.253 ug/l

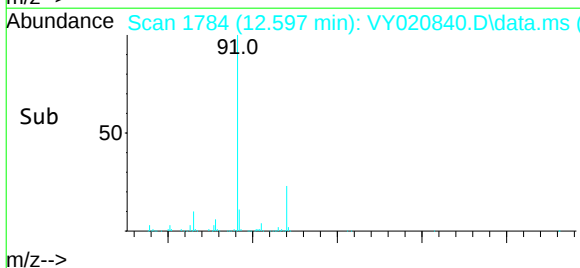
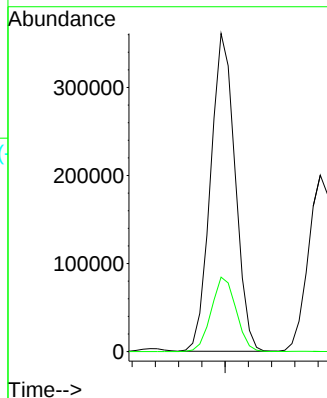
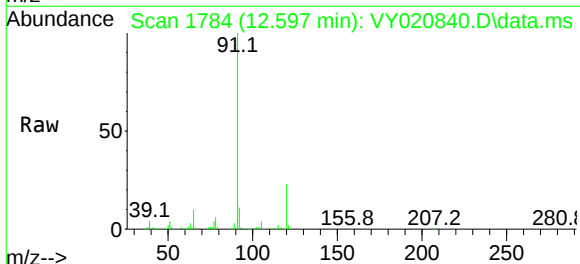
RT: 12.597 min Scan# 1784

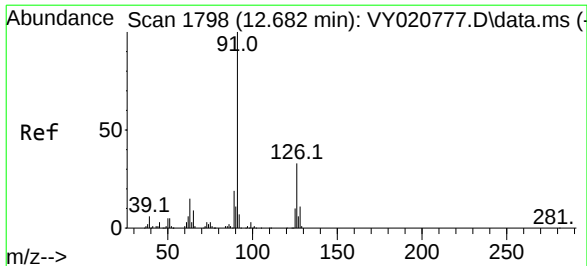
Delta R.T. -0.000 min

Lab File: VY020840.D

Acq: 15 Jan 2025 18:23

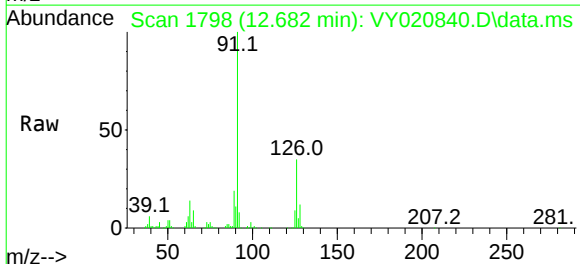
Tgt Ion:	91	Resp:	530106
Ion Ratio	Lower	Upper	
91	100		
120	23.7	12.0	36.1





#79
2-Chlorotoluene
Concen: 43.162 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

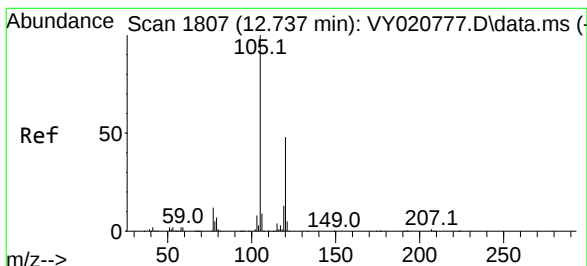
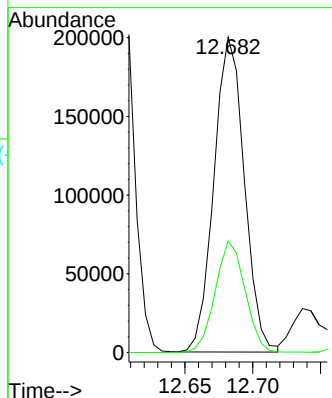
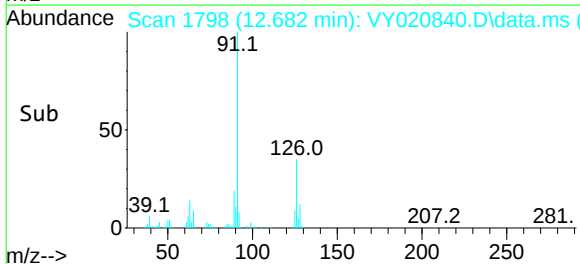
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



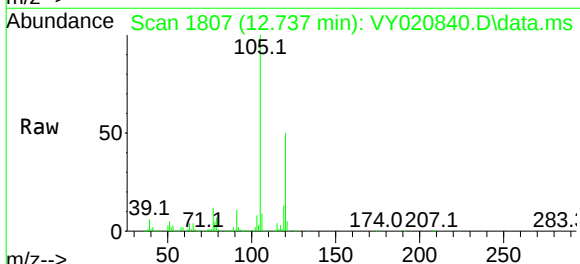
Tgt Ion: 91 Resp: 311833
Ion Ratio Lower Upper
91 100
126 34.8 17.5 52.6

Manual Integrations
APPROVED

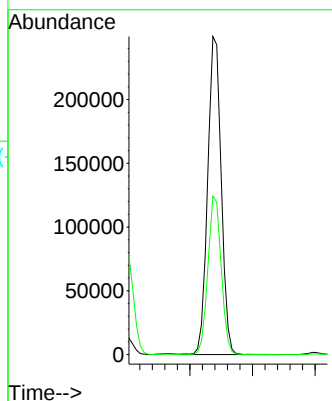
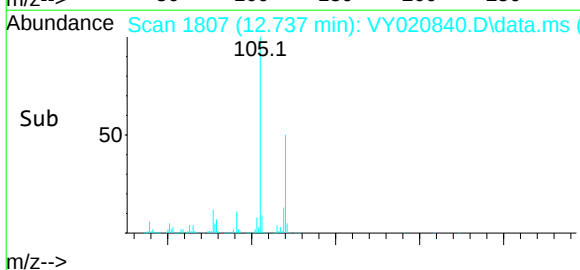
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

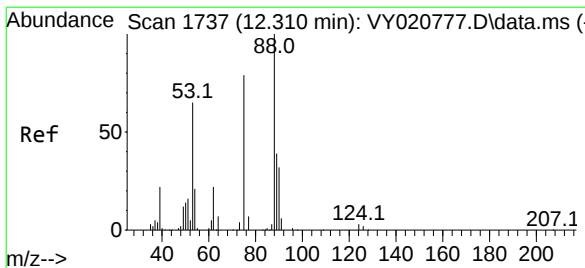


#80
1,3,5-Trimethylbenzene
Concen: 41.812 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23



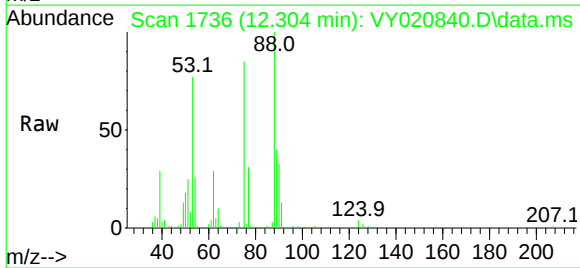
Tgt Ion:105 Resp: 374533
Ion Ratio Lower Upper
105 100
120 49.1 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 48.124 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.006 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

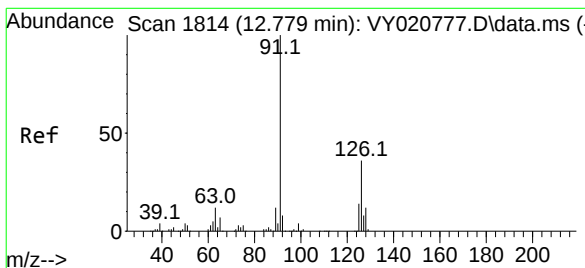
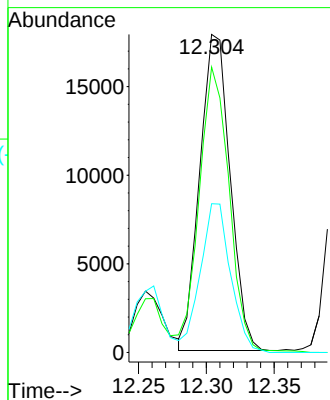
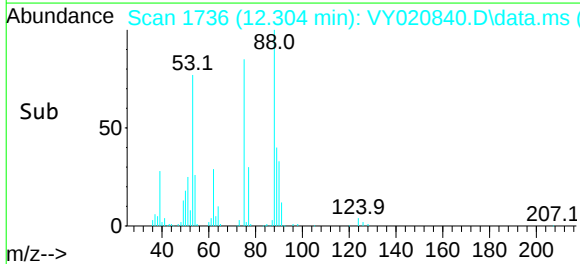
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 27824
Ion Ratio Lower Upper
75 100
53 90.2 69.4 104.0
89 47.0 39.6 59.4

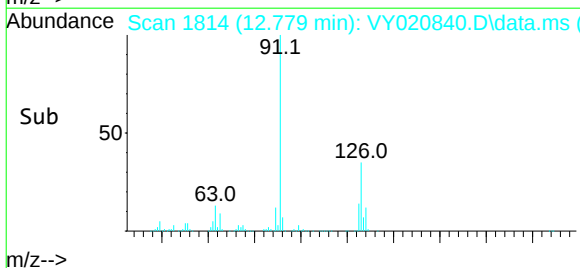
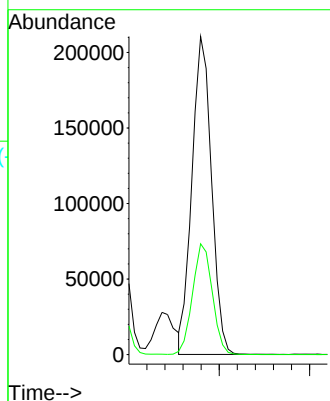
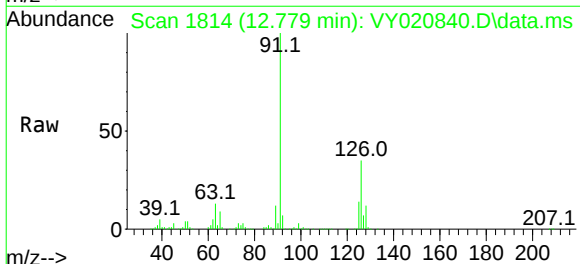
Manual Integrations
APPROVED

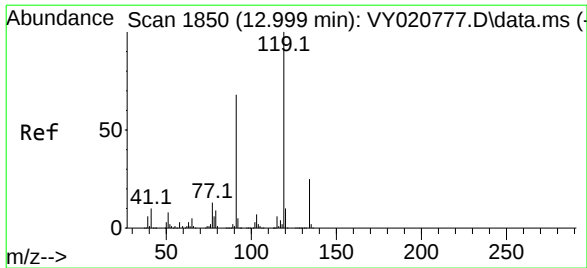
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#82
4-Chlorotoluene
Concen: 42.323 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

Tgt Ion: 91 Resp: 315558
Ion Ratio Lower Upper
91 100
126 35.3 17.3 51.7





#83

tert-Butylbenzene

Concen: 40.941 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.000 min

Lab File: VY020840.D

Acq: 15 Jan 2025 18:23

Instrument :

MSVOA_Y

ClientSampleId :

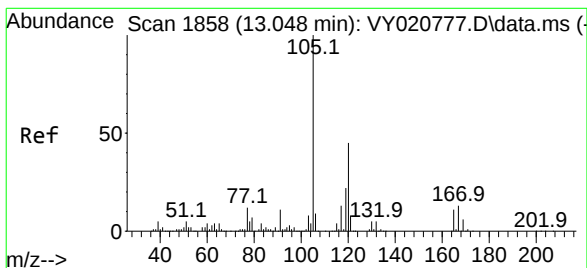
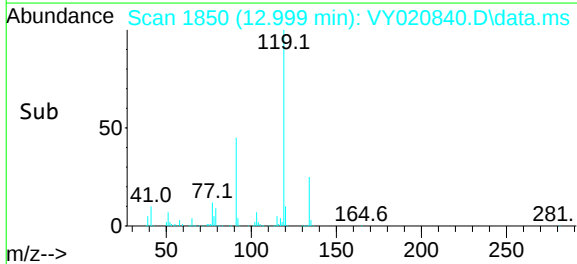
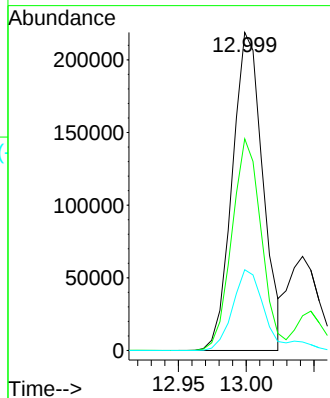
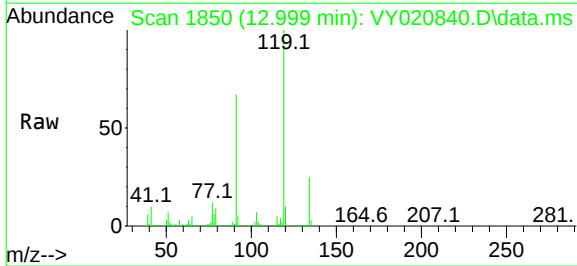
VSTDCCC050EC

Tgt Ion:	119	Resp:	343005
Ion	Ratio	Lower	Upper
119	100		
91	64.4	33.0	98.9
134	25.4	13.7	41.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#84

1,2,4-Trimethylbenzene

Concen: 43.256 ug/l

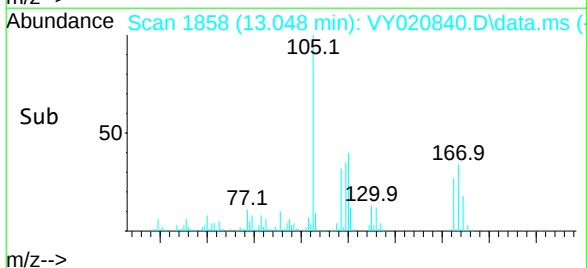
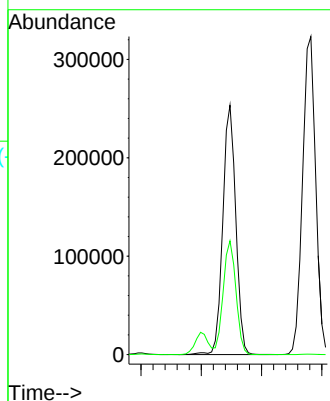
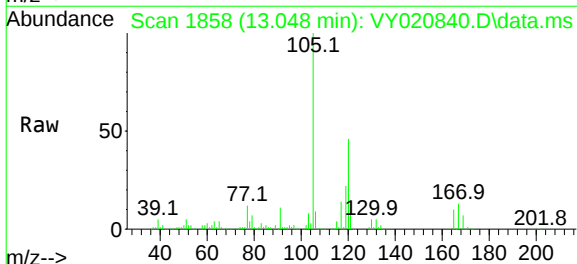
RT: 13.048 min Scan# 1858

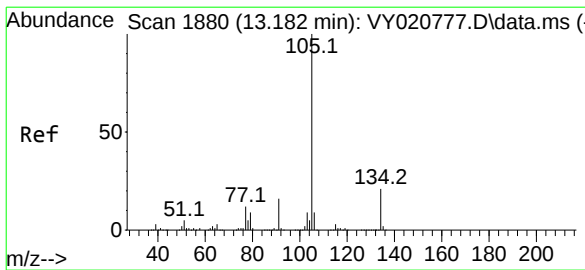
Delta R.T. -0.000 min

Lab File: VY020840.D

Acq: 15 Jan 2025 18:23

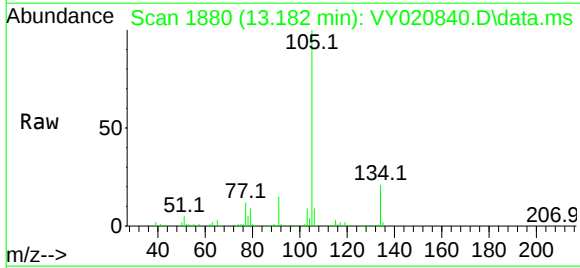
Tgt Ion:	105	Resp:	378379
Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.4	67.2





#85
sec-Butylbenzene
Concen: 41.727 ug/l
RT: 13.182 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

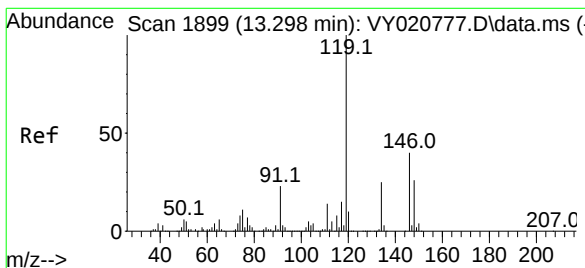
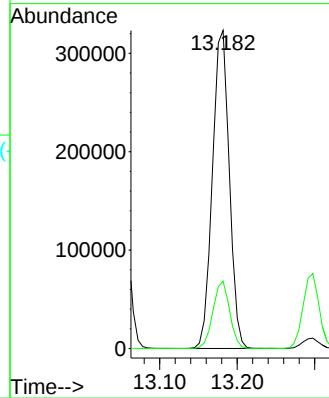
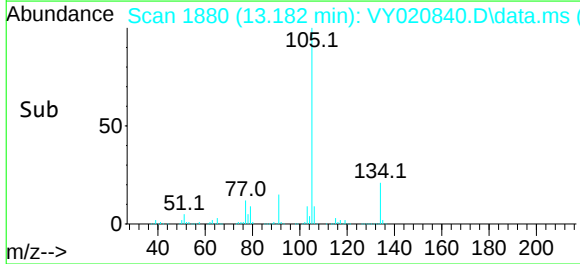
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 488305
Ion Ratio Lower Upper
105 100
134 21.0 10.5 31.5

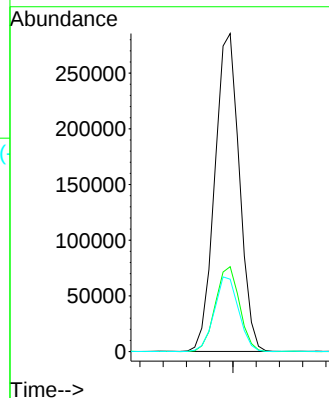
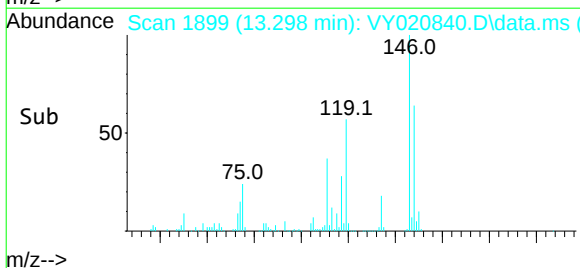
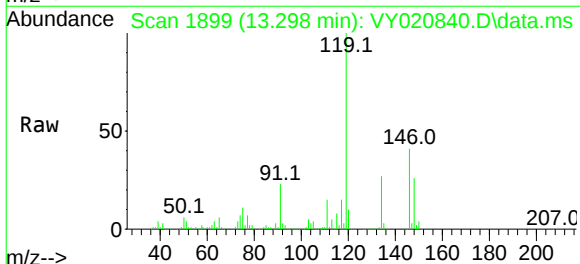
Manual Integrations
APPROVED

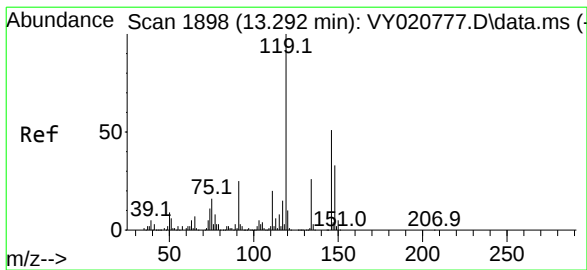
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#86
p-Isopropyltoluene
Concen: 42.004 ug/l
RT: 13.298 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VY020840.D
Acq: 15 Jan 2025 18:23

Tgt Ion:119 Resp: 419318
Ion Ratio Lower Upper
119 100
134 26.3 13.0 38.9
91 23.3 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 43.420 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY020840.D

Acq: 15 Jan 2025 18:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

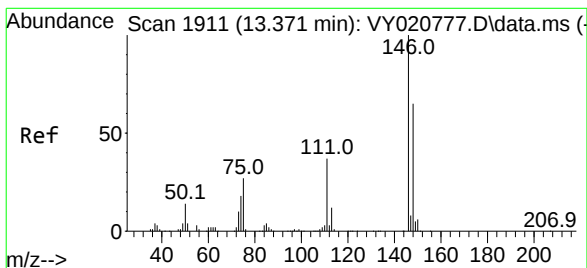
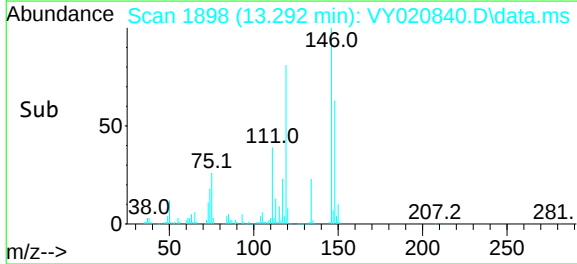
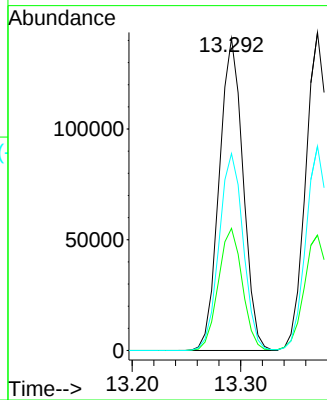
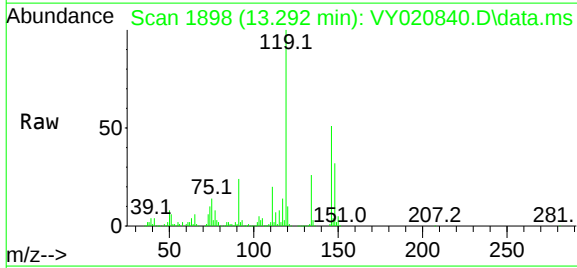
Tgt Ion:	146	Resp:	214996
Ion Ratio	Lower	Upper	
146	100		
111	39.4	19.5	58.5
148	63.9	31.8	95.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/16/2025

Supervised By :Semsettin Yesilyurt 01/16/2025



#88

1,4-Dichlorobenzene

Concen: 43.680 ug/l

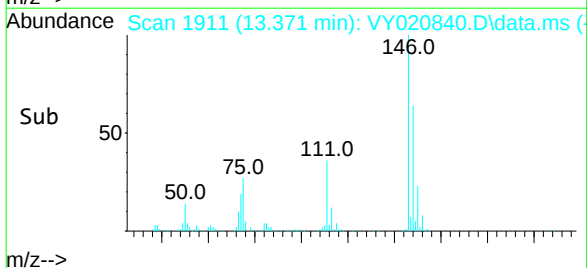
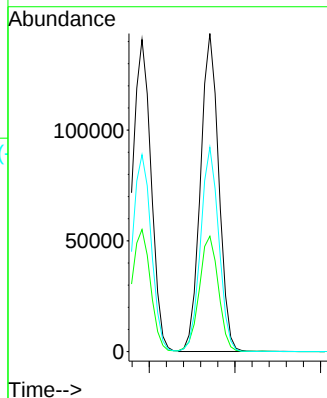
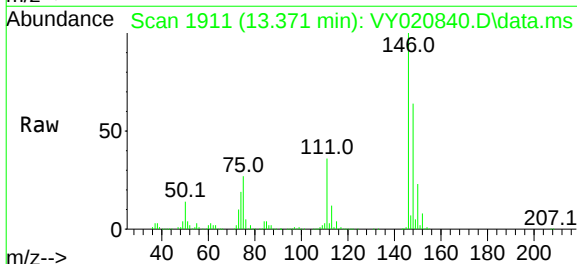
RT: 13.371 min Scan# 1911

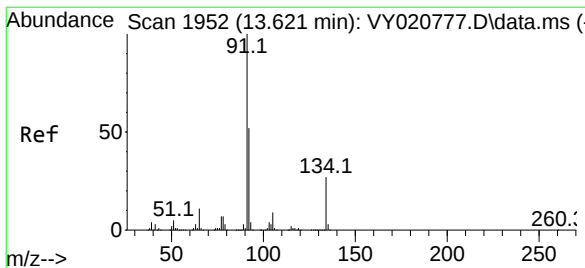
Delta R.T. -0.000 min

Lab File: VY020840.D

Acq: 15 Jan 2025 18:23

Tgt Ion:	146	Resp:	212901
Ion Ratio	Lower	Upper	
146	100		
111	37.8	19.1	57.3
148	64.0	32.1	96.5





#89

n-Butylbenzene

Concen: 42.478 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VY020840.D

Acq: 15 Jan 2025 18:23

Instrument :

MSVOA_Y

ClientSampleId :

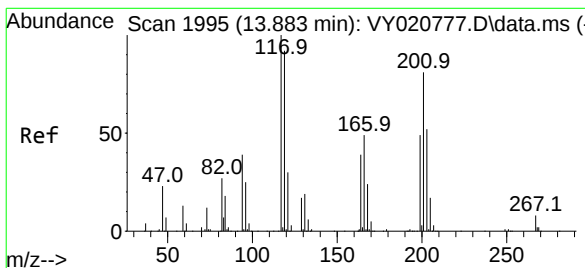
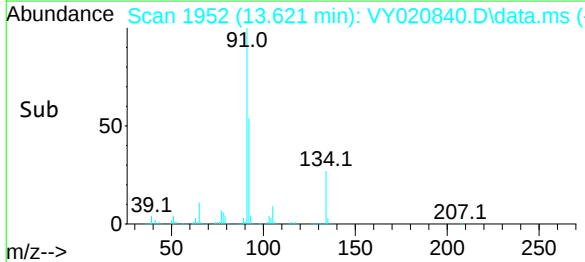
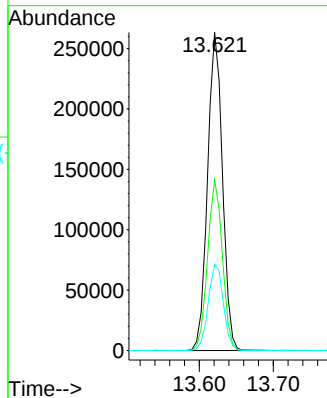
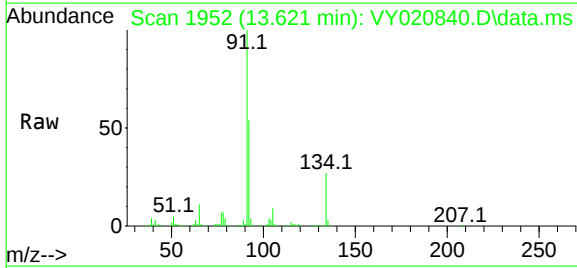
VSTDCCC050EC

Tgt Ion:	91	Resp:	367883
Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.5	79.4
134	27.5	13.8	41.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#90

Hexachloroethane

Concen: 42.185 ug/l

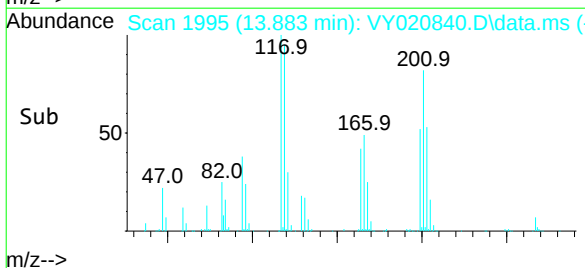
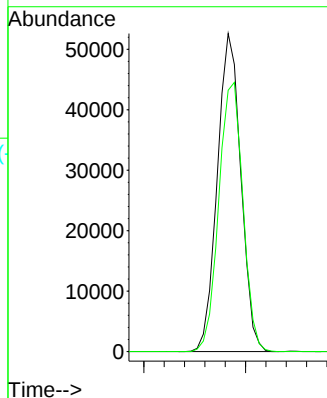
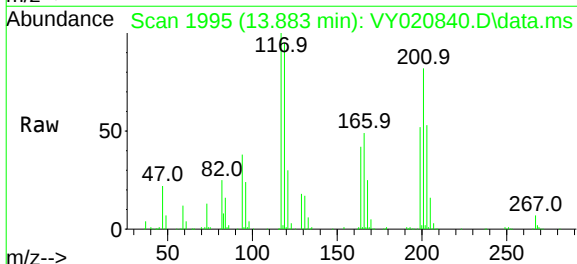
RT: 13.883 min Scan# 1995

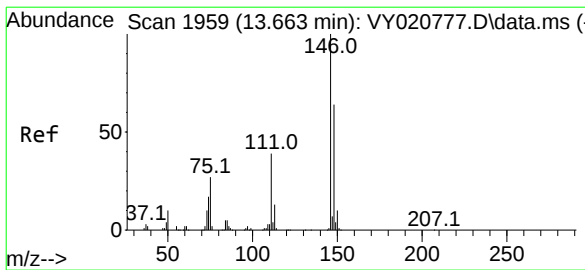
Delta R.T. -0.000 min

Lab File: VY020840.D

Acq: 15 Jan 2025 18:23

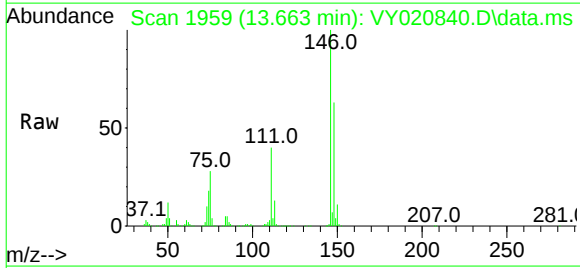
Tgt Ion:	117	Resp:	84561
Ion	Ratio	Lower	Upper
117	100		
201	86.6	42.9	128.7





#91
 1,2-Dichlorobenzene
 Concen: 44.868 ug/l
 RT: 13.663 min Scan# 1959
 Delta R.T. -0.000 min
 Lab File: VY020840.D
 Acq: 15 Jan 2025 18:23

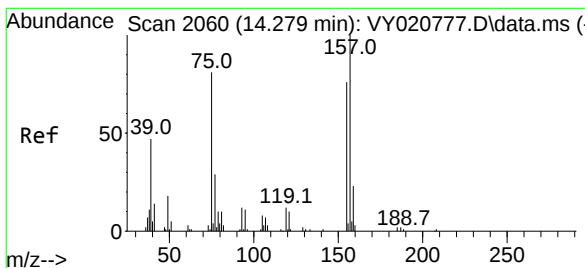
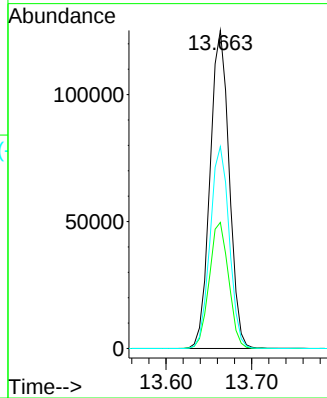
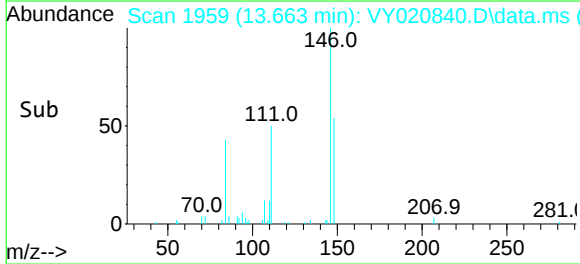
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



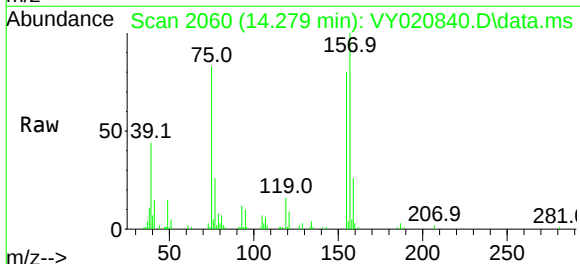
Tgt Ion:	146	Resp:	194253
Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.0	60.0
148	63.6	32.0	96.2

Manual Integrations
 APPROVED

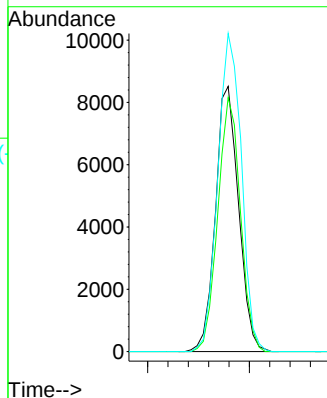
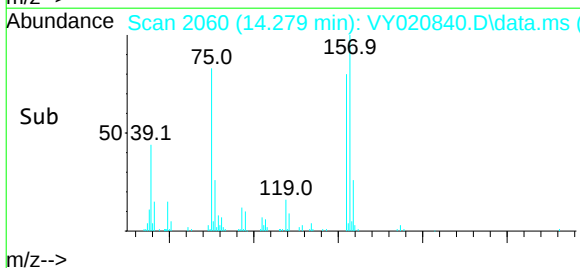
Reviewed By :Mahesh Dadoda 01/16/2025
 Supervised By :Semsettin Yesilyurt 01/16/2025

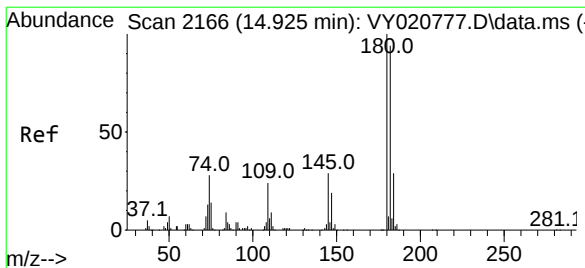


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.643 ug/l
 RT: 14.279 min Scan# 2060
 Delta R.T. -0.000 min
 Lab File: VY020840.D
 Acq: 15 Jan 2025 18:23



Tgt Ion:	75	Resp:	13447
Ion	Ratio	Lower	Upper
75	100		
155	93.4	45.5	136.5
157	122.4	59.7	179.0





#93

1,2,4-Trichlorobenzene

Concen: 48.465 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. -0.000 min

Lab File: VY020840.D

Acq: 15 Jan 2025 18:23

Instrument :

MSVOA_Y

ClientSampleId :

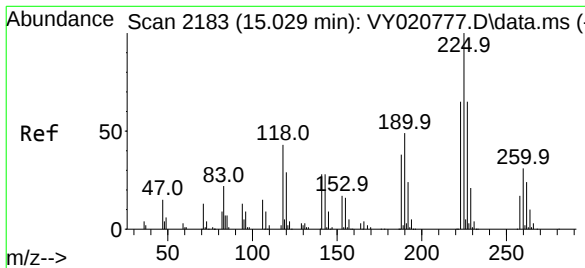
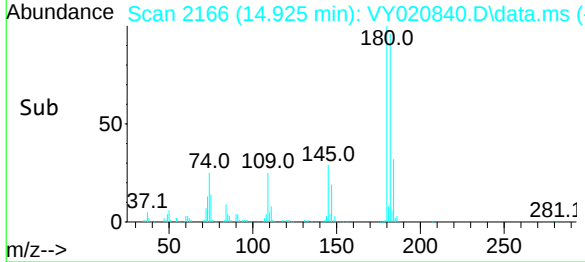
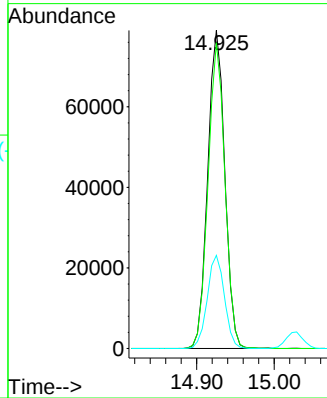
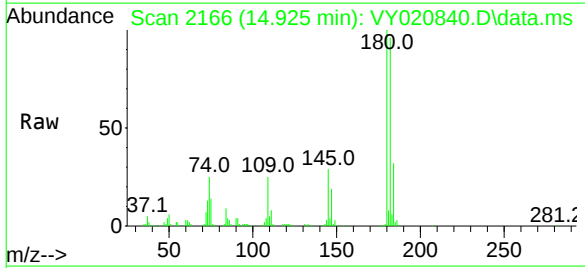
VSTDCCC050EC

Tgt Ion:	180	Resp:	120755
Ion Ratio	Lower	Upper	
180	100		
182	95.2	47.6	142.9
145	29.5	15.0	45.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#94

Hexachlorobutadiene

Concen: 42.635 ug/l

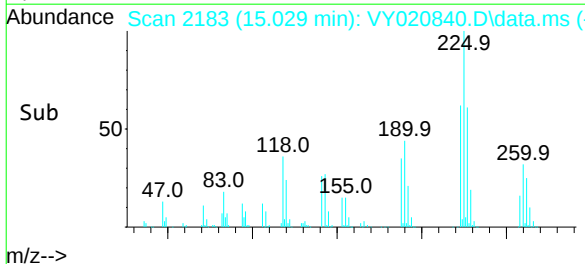
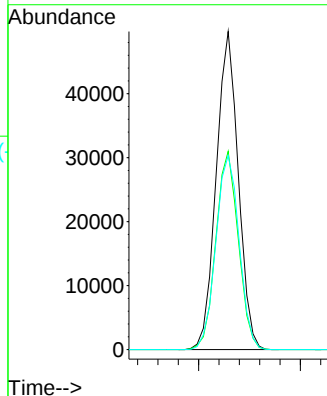
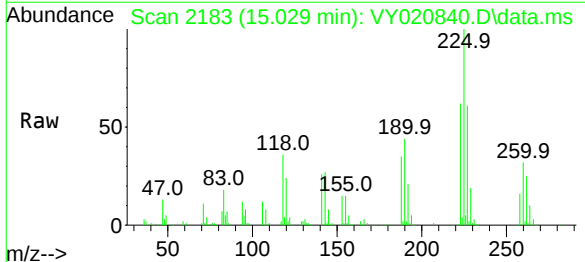
RT: 15.029 min Scan# 2183

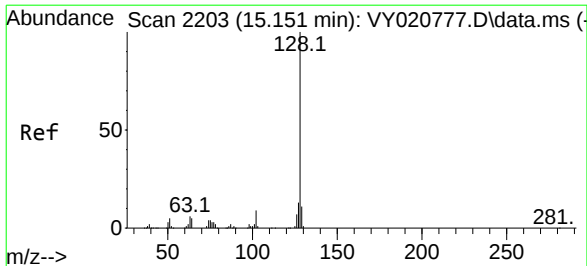
Delta R.T. -0.000 min

Lab File: VY020840.D

Acq: 15 Jan 2025 18:23

Tgt Ion:	225	Resp:	74888
Ion Ratio	Lower	Upper	
225	100		
223	63.4	31.6	94.8
227	64.2	32.2	96.6





#95

Naphthalene

Concen: 53.481 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. -0.000 min

Lab File: VY020840.D

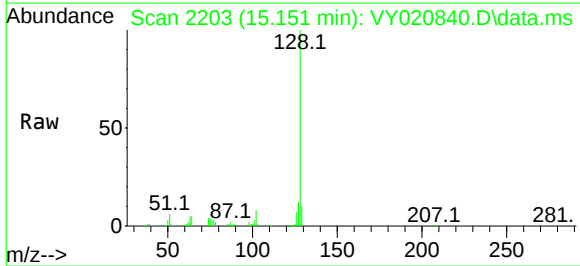
Acq: 15 Jan 2025 18:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

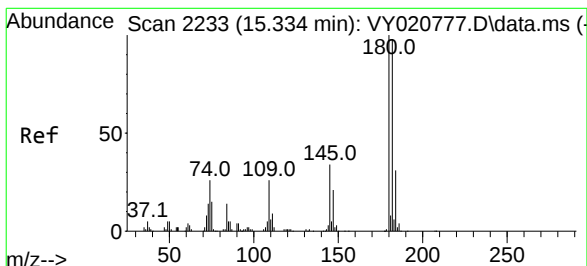
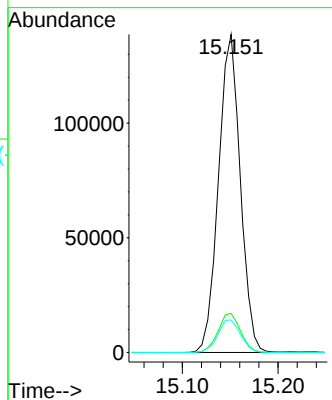
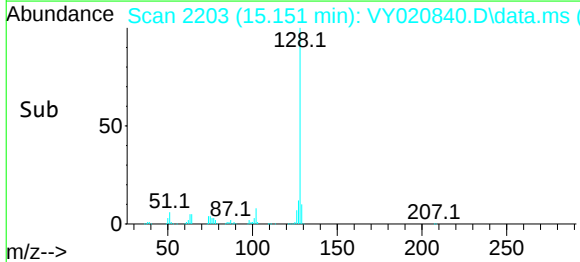


Tgt Ion:	128	Resp:	219312
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.5	15.7
129	10.8	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#96

1,2,3-Trichlorobenzene

Concen: 50.298 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY020840.D

Acq: 15 Jan 2025 18:23

Tgt Ion:	180	Resp:	104995
Ion Ratio	Lower	Upper	
180	100		
182	95.2	48.1	144.3
145	31.4	16.1	48.2

