

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013125\
 Data File : VY021018.D
 Acq On : 31 Jan 2025 18:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/03/2025
 Supervised By :Semsettin Yesilyurt 02/03/2025

Quant Time: Jan 31 22:28:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 31 16:50:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	220834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	331779	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	297319	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	155488	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	94163	50.081	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.160%	
35) Dibromofluoromethane	7.634	113	100358	50.315	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.620%	
50) Toluene-d8	10.109	98	369536	47.467	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.940%	
62) 4-Bromofluorobenzene	12.408	95	133822	51.228	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 102.460%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	82640	44.010	ug/l	96
3) Chloromethane	2.068	50	49016	41.059	ug/l	98
4) Vinyl Chloride	2.202	62	50936	41.381	ug/l	96
5) Bromomethane	2.598	94	41521	49.829	ug/l	99
6) Chloroethane	2.732	64	32500	45.200	ug/l	97
7) Trichlorofluoromethane	3.062	101	133811	45.048	ug/l	96
8) Diethyl Ether	3.458	74	51223	57.762	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.818	101	91967	45.979	ug/l	96
10) Methyl Iodide	4.007	142	115162	50.313	ug/l	99
11) Tert butyl alcohol	4.854	59	34349	250.091	ug/l	98
12) 1,1-Dichloroethene	3.787	96	90482	48.405	ug/l	94
13) Acrolein	3.653	56	36676	231.889	ug/l	100
14) Allyl chloride	4.385	41	119342	46.376	ug/l	97
15) Acrylonitrile	5.055	53	100077	274.360	ug/l	98
16) Acetone	3.866	43	67388	262.963	ug/l	98
17) Carbon Disulfide	4.104	76	272147	47.271	ug/l	100
18) Methyl Acetate	4.378	43	49732	55.460	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	248129	57.031	ug/l	100
20) Methylene Chloride	4.616	84	98947	52.351	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	102680	51.235	ug/l	93
22) Diisopropyl ether	6.018	45	260669	49.694	ug/l	97
23) Vinyl Acetate	5.957	43	745138	256.512	ug/l	95
24) 1,1-Dichloroethane	5.915	63	169479	50.082	ug/l	96
25) 2-Butanone	6.890	43	113940	262.089	ug/l	96
26) 2,2-Dichloropropane	6.884	77	141916	42.594	ug/l	97
27) cis-1,2-Dichloroethene	6.890	96	122967	53.381	ug/l	94
28) Bromochloromethane	7.244	49	64418	51.093	ug/l	85
29) Tetrahydrofuran	7.262	42	75700	258.768	ug/l	91
30) Chloroform	7.421	83	190916	52.088	ug/l	100
31) Cyclohexane	7.701	56	133821	40.457	ug/l	95
32) 1,1,1-Trichloroethane	7.616	97	174118	49.086	ug/l	97
36) 1,1-Dichloropropene	7.835	75	128609	45.197	ug/l	99
37) Ethyl Acetate	6.982	43	53623	50.547	ug/l #	94
38) Carbon Tetrachloride	7.817	117	167627	47.604	ug/l	99
39) Methylcyclohexane	9.109	83	167028	43.695	ug/l	99
40) Benzene	8.079	78	409507	48.910	ug/l	99

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 Supervised By :Semsettin Yesilyurt 02/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	32338	55.094	ug/l	96
42) 1,2-Dichloroethane	8.158	62	109169	51.413	ug/l	97
43) Isopropyl Acetate	8.195	43	106167	50.095	ug/l #	92
44) Trichloroethene	8.866	130	112957	48.893	ug/l	99
45) 1,2-Dichloropropane	9.140	63	90644	48.302	ug/l	99
46) Dibromomethane	9.231	93	56443	51.683	ug/l	95
47) Bromodichloromethane	9.420	83	145452	50.716	ug/l	97
48) Methyl methacrylate	9.219	41	49304	48.864	ug/l	90
49) 1,4-Dioxane	9.231	88	13068	1126.099	ug/l	90
51) 4-Methyl-2-Pentanone	9.999	43	275491	252.977	ug/l	95
52) Toluene	10.170	92	271273	49.914	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	135182	52.087	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	155165	50.023	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	76443	52.634	ug/l	98
56) Ethyl methacrylate	10.438	69	106557	56.129	ug/l	94
57) 1,3-Dichloropropane	10.719	76	127520	51.803	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	237547	294.811	ug/l	95
59) 2-Hexanone	10.762	43	184194	260.218	ug/l	95
60) Dibromochloromethane	10.914	129	111924	54.049	ug/l	100
61) 1,2-Dibromoethane	11.011	107	74638	53.804	ug/l	99
64) Tetrachloroethene	10.646	164	102706	45.794	ug/l	97
65) Chlorobenzene	11.438	112	309855	49.465	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	114120	51.331	ug/l	97
67) Ethyl Benzene	11.517	91	515281	47.509	ug/l	99
68) m/p-Xylenes	11.627	106	399519	95.875	ug/l	99
69) o-Xylene	11.956	106	194216	50.135	ug/l	99
70) Styrene	11.969	104	328811	51.124	ug/l	100
71) Bromoform	12.133	173	70013	53.433	ug/l #	99
73) Isopropylbenzene	12.255	105	496436	45.460	ug/l	100
74) N-amyl acetate	12.072	43	96609	48.584	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	84134	47.729	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	62631m	50.883	ug/l	
77) Bromobenzene	12.529	156	129661	50.080	ug/l	96
78) n-propylbenzene	12.597	91	561047	43.837	ug/l	98
79) 2-Chlorotoluene	12.682	91	340104	46.641	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	413927	46.266	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	27853	46.973	ug/l	99
82) 4-Chlorotoluene	12.779	91	350176	46.922	ug/l	99
83) tert-Butylbenzene	12.999	119	375987	45.312	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	419113	47.957	ug/l	100
85) sec-Butylbenzene	13.176	105	511160	43.512	ug/l	98
86) p-Isopropyltoluene	13.292	119	450759	45.659	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	242280	47.993	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	235656	47.009	ug/l	98
89) n-Butylbenzene	13.621	91	375782	42.497	ug/l	99
90) Hexachloroethane	13.883	117	87867	43.994	ug/l	94
91) 1,2-Dichlorobenzene	13.657	146	214972	48.832	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	13686	50.430	ug/l	95
93) 1,2,4-Trichlorobenzene	14.925	180	134312	49.829	ug/l	100
94) Hexachlorobutadiene	15.029	225	82749	44.325	ug/l	99
95) Naphthalene	15.145	128	238961	48.923	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	118061	45.768	ug/l	100

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ClientSampleId :
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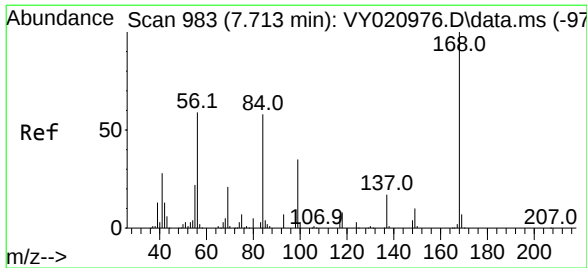
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025

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Response via : Initial Calibration

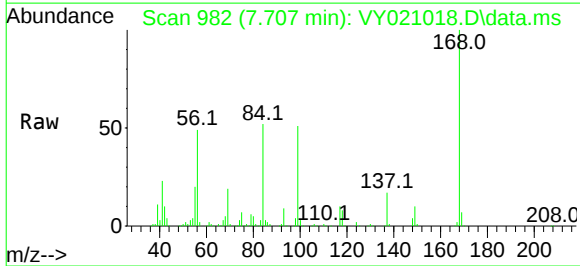
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY021018.D
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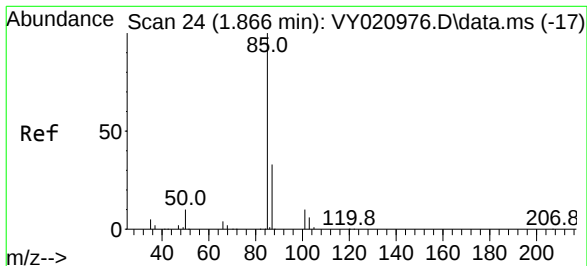
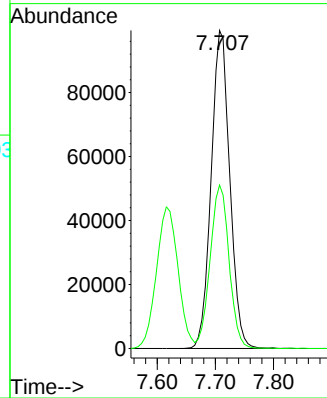
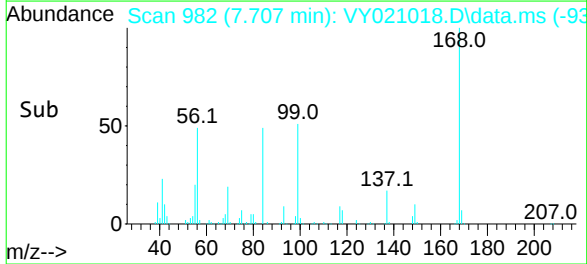
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 220834
Ion Ratio Lower Upper
168 100
99 51.4 42.2 63.2

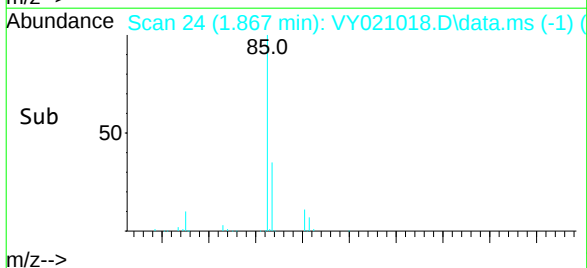
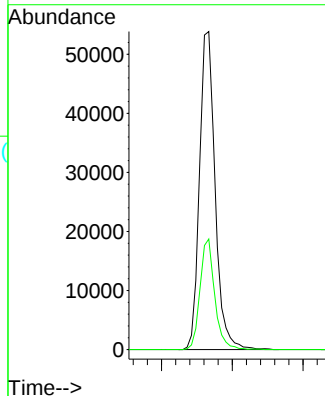
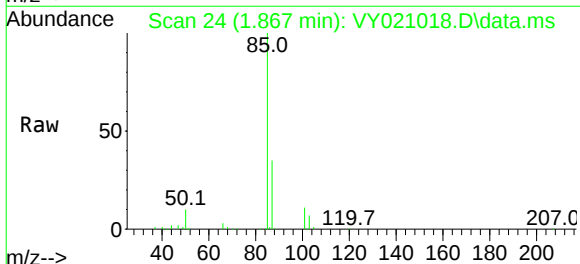
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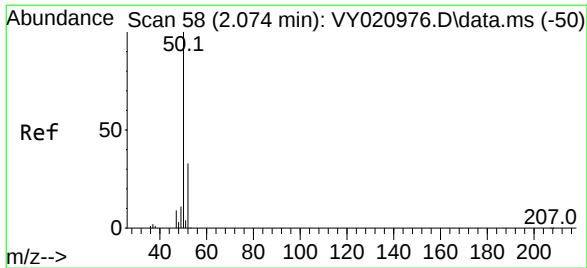
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#2
Dichlorodifluoromethane
Concen: 44.010 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021018.D
Acq: 31 Jan 2025 18:26

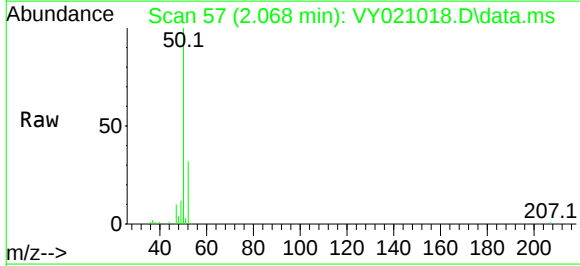
Tgt Ion: 85 Resp: 82640
Ion Ratio Lower Upper
85 100
87 34.8 16.3 48.9





#3
Chloromethane
Concen: 41.059 ug/l
RT: 2.068 min Scan# 57
Delta R.T. -0.006 min
Lab File: VY021018.D
Acq: 31 Jan 2025 18:26

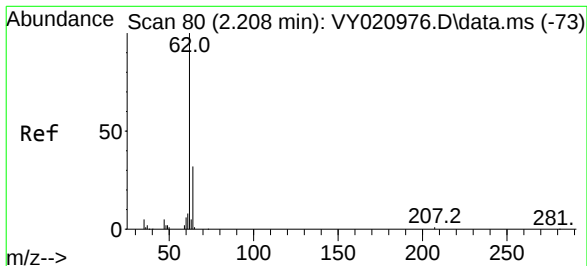
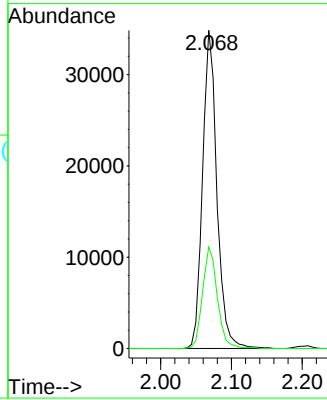
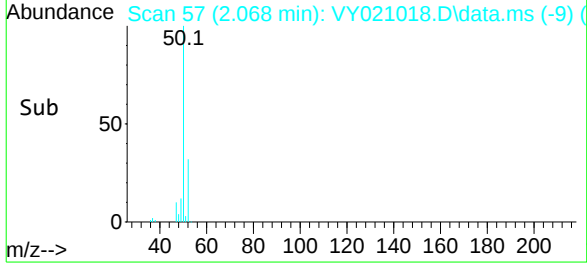
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 49016
Ion Ratio Lower Upper
50 100
52 31.9 26.3 39.5

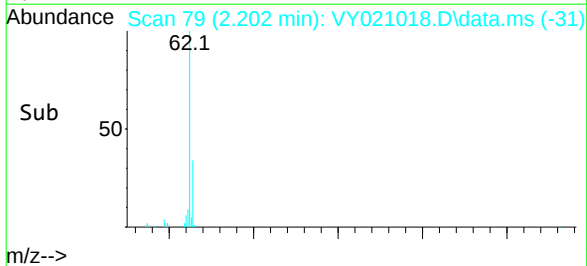
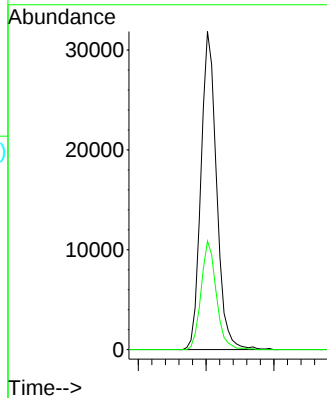
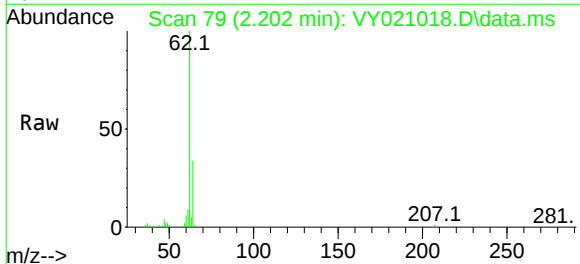
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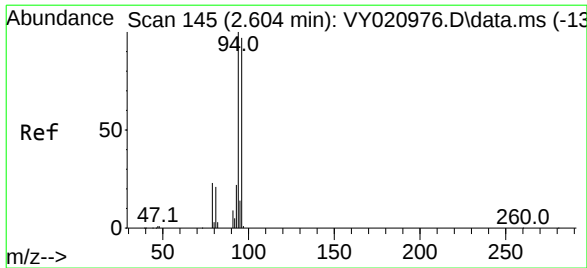
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#4
Vinyl Chloride
Concen: 41.381 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021018.D
Acq: 31 Jan 2025 18:26

Tgt Ion: 62 Resp: 50936
Ion Ratio Lower Upper
62 100
64 34.1 25.4 38.2





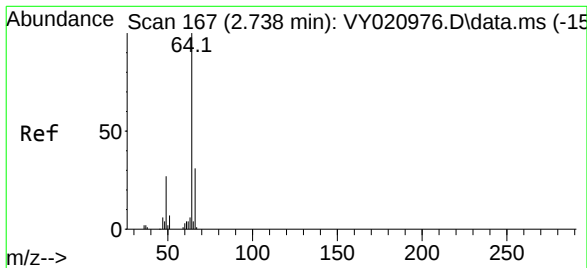
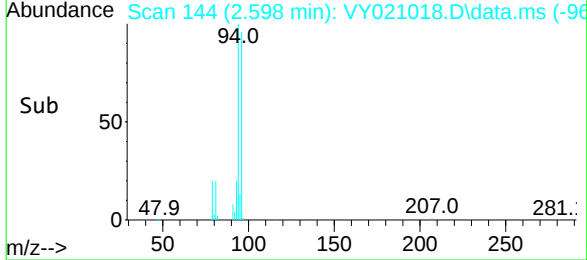
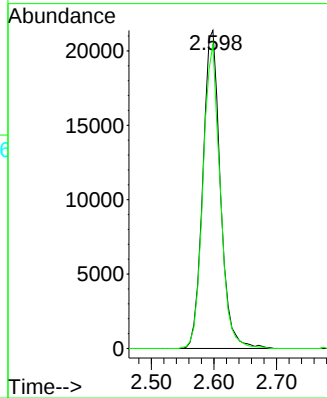
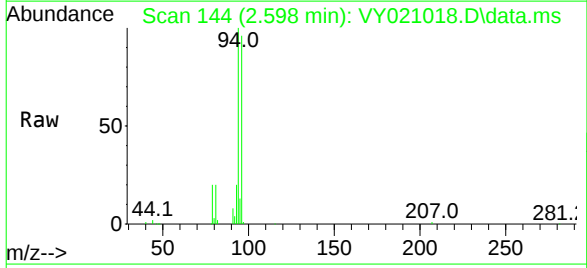
#5
Bromomethane
Concen: 49.829 ug/l
RT: 2.598 min Scan# 145
Delta R.T. -0.006 min
Lab File: VY021018.D
Acq: 31 Jan 2025 18:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 41521
Ion Ratio Lower Upper
94 100
96 95.6 77.4 116.0

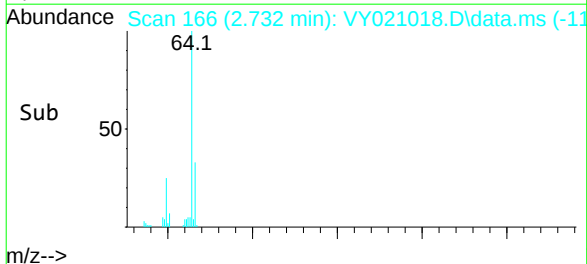
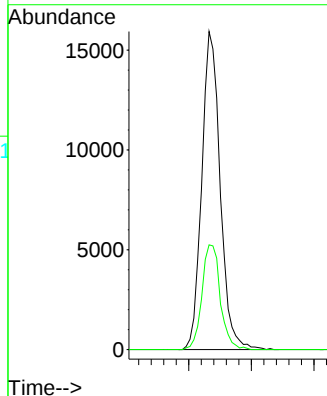
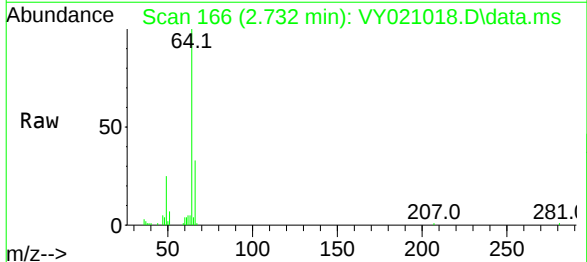
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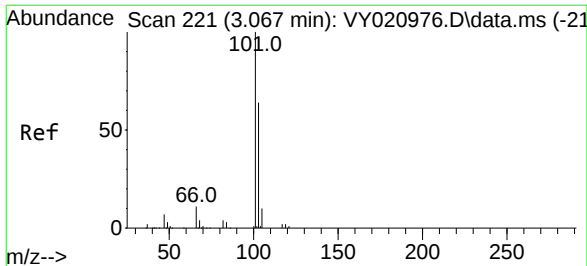
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#6
Chloroethane
Concen: 45.200 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY021018.D
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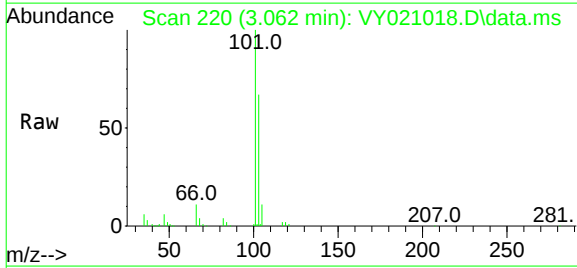
Tgt Ion: 64 Resp: 32500
Ion Ratio Lower Upper
64 100
66 32.9 25.0 37.4





Trichlorofluoromethane
 Concen: 45.048 ug/l
 RT: 3.062 min Scan# 221
 Delta R.T. -0.006 min
 Lab File: VY021018.D
 Acq: 31 Jan 2025 18:26

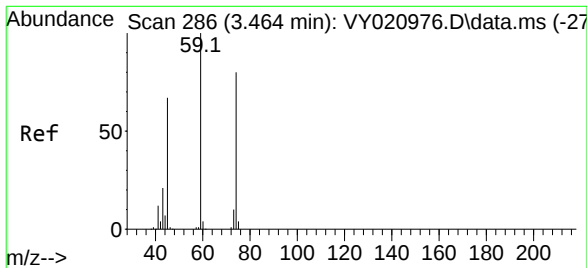
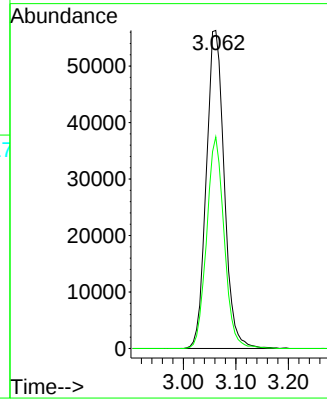
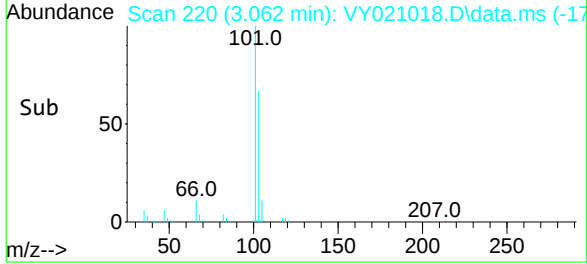
Instrument :
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Tgt Ion: 101 Resp: 133811
 Ion Ratio Lower Upper
 101 100
 103 66.5 50.9 76.3

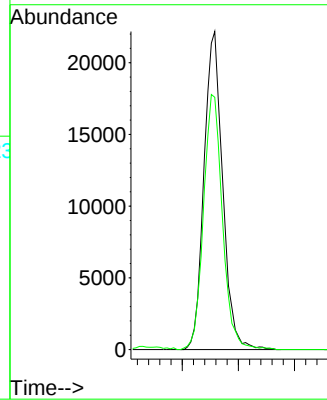
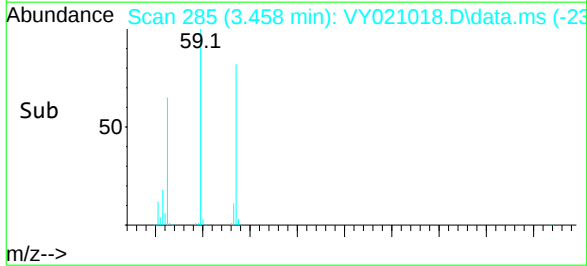
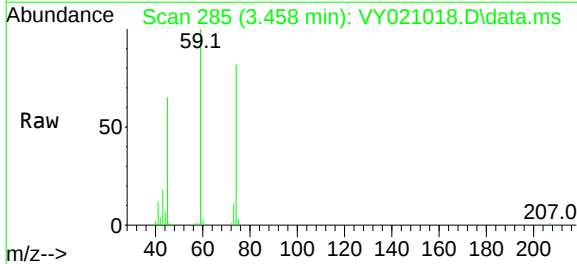
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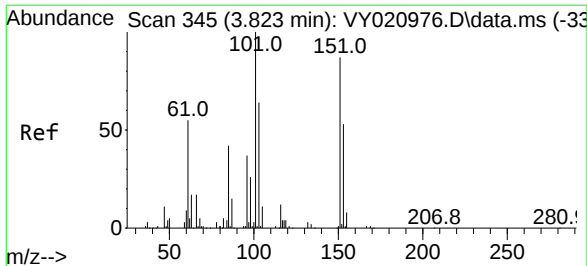
Reviewed By :Mahesh Dadoda 02/03/2025
 Supervised By :Semsettin Yesilyurt 02/03/2025



Diethyl Ether
 Concen: 57.762 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. -0.006 min
 Lab File: VY021018.D
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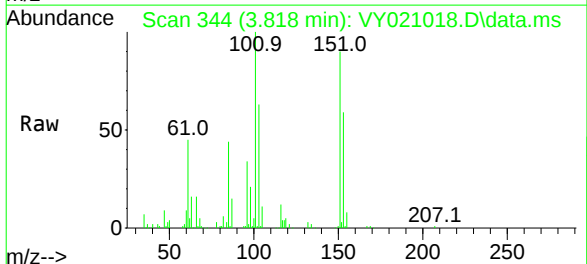
Tgt Ion: 74 Resp: 51223
 Ion Ratio Lower Upper
 74 100
 45 81.6 43.4 130.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.979 ug/l
RT: 3.818 min Scan# 34
Delta R.T. -0.006 min
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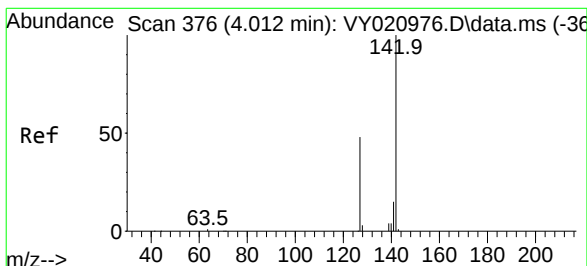
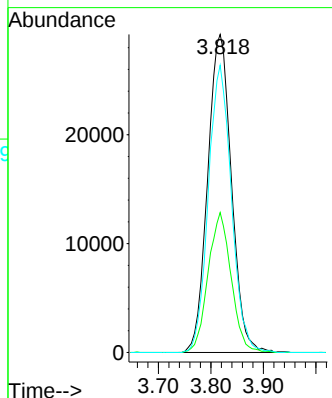
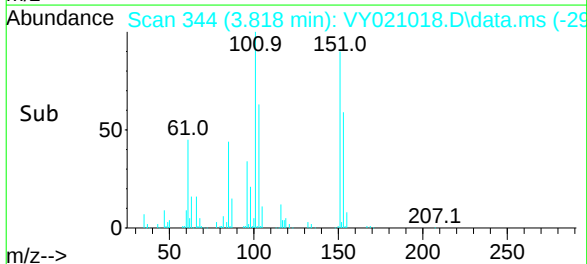
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



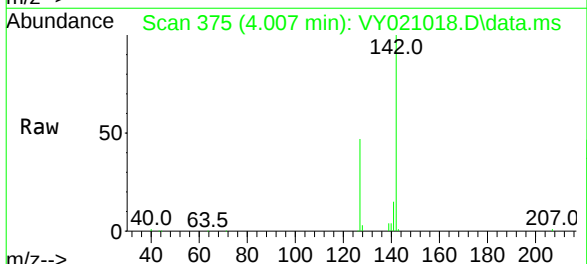
Tgt Ion:101 Resp: 91967
Ion Ratio Lower Upper
101 100
85 42.6 34.9 52.3
151 87.8 66.8 100.2

Manual Integrations
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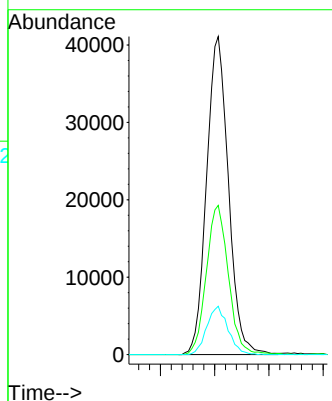
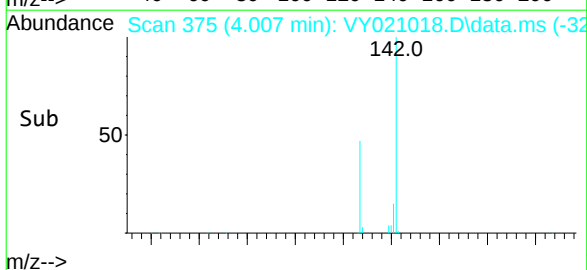
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025

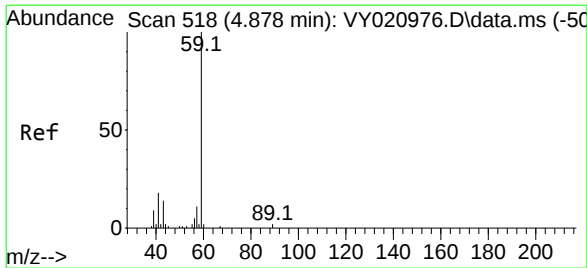


#10
Methyl Iodide
Concen: 50.313 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.006 min
Lab File: VY021018.D
Acq: 31 Jan 2025 18:26



Tgt Ion:142 Resp: 115162
Ion Ratio Lower Upper
142 100
127 47.4 38.9 58.3
141 14.7 11.7 17.5





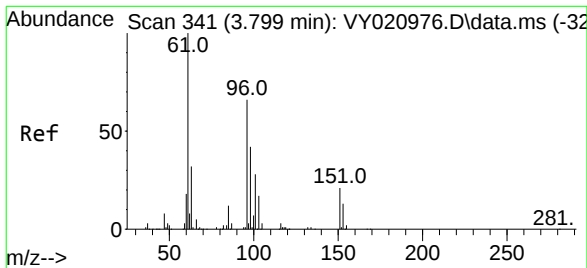
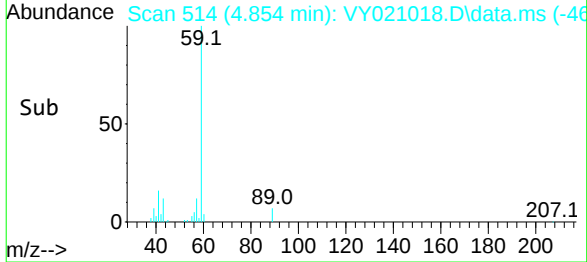
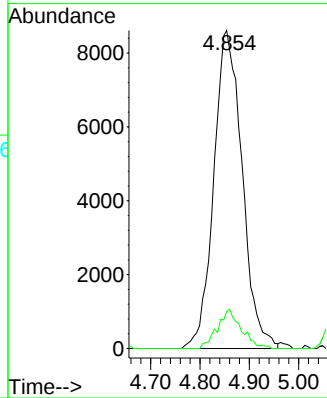
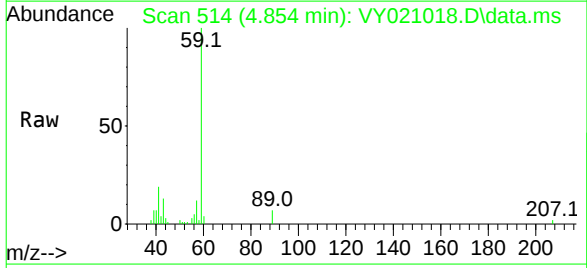
#11
Tert butyl alcohol
Concen: 250.091 ug/l
RT: 4.854 min Scan# 51
Delta R.T. -0.024 min
Lab File: VY021018.D
Acq: 31 Jan 2025 18:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 34349
Ion Ratio Lower Upper
59 100
57 10.4 7.8 11.8

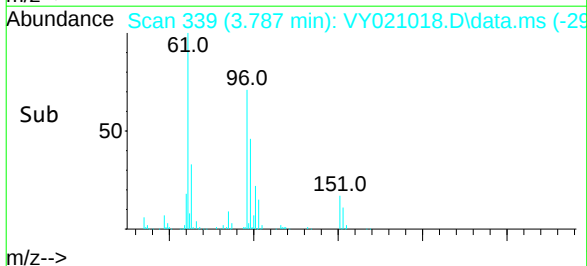
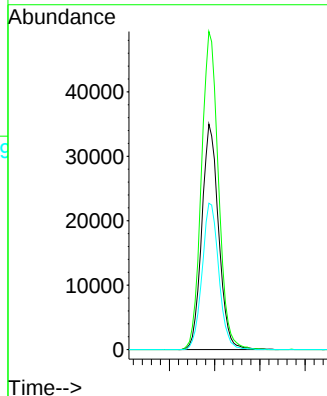
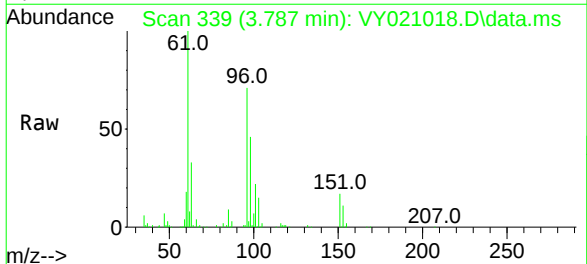
Manual Integrations
APPROVED

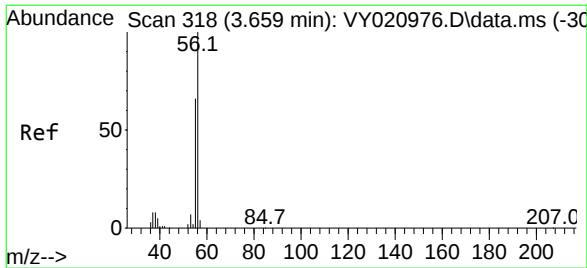
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#12
1,1-Dichloroethene
Concen: 48.405 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY021018.D
Acq: 31 Jan 2025 18:26

Tgt Ion: 96 Resp: 90482
Ion Ratio Lower Upper
96 100
61 141.0 120.8 181.2
98 64.9 50.6 76.0





#13

Acrolein

Concen: 231.889 ug/l

RT: 3.653 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY021018.D

Acq: 31 Jan 2025 18:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 36676

Ion Ratio Lower Upper

56 100

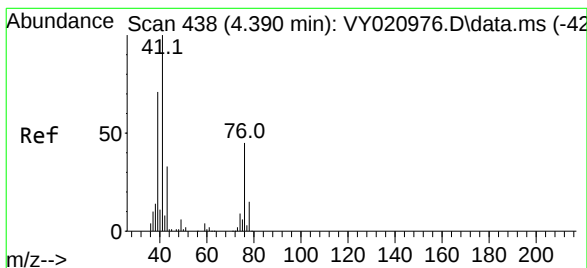
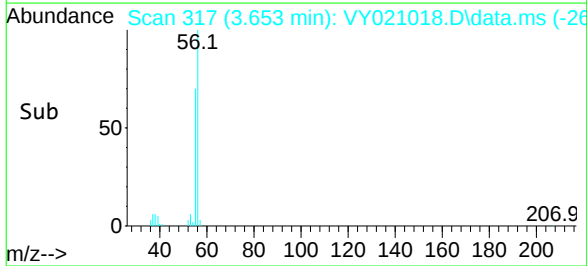
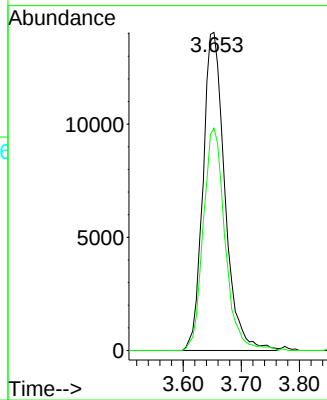
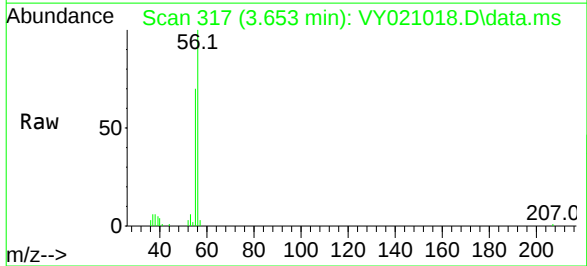
55 69.7 56.1 84.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/03/2025

Supervised By :Semsettin Yesilyurt 02/03/2025



#14

Allyl chloride

Concen: 46.376 ug/l

RT: 4.385 min Scan# 437

Delta R.T. -0.006 min

Lab File: VY021018.D

Acq: 31 Jan 2025 18:26

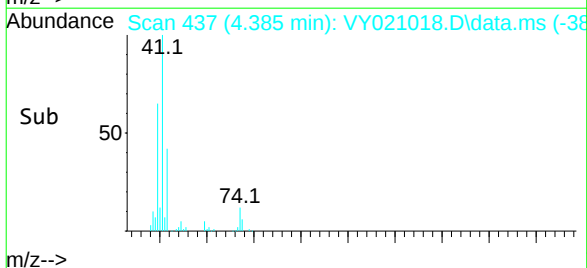
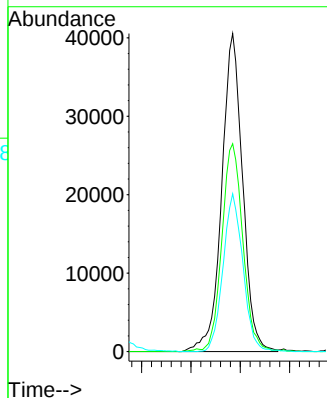
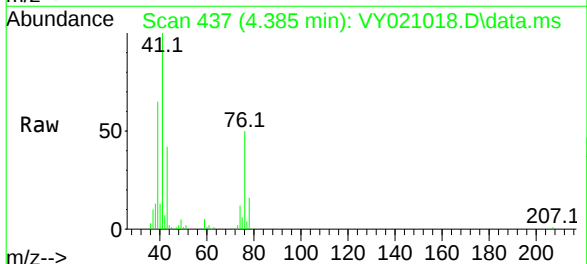
Tgt Ion: 41 Resp: 119342

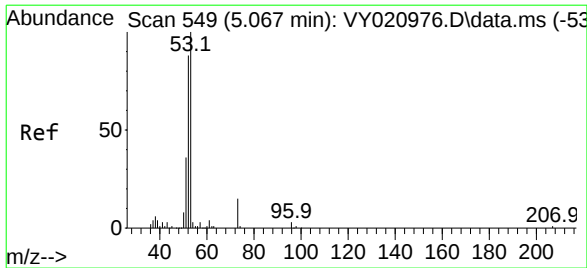
Ion Ratio Lower Upper

41 100

39 65.8 53.5 80.3

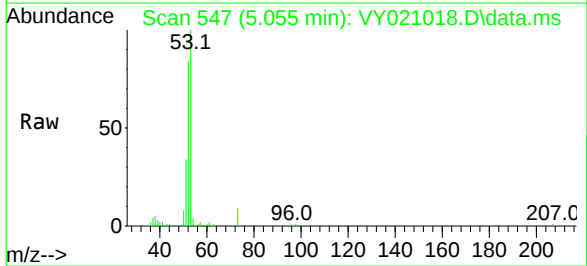
76 47.3 34.6 52.0





#15
Acrylonitrile
Concen: 274.360 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY021018.D
Acq: 31 Jan 2025 18:26

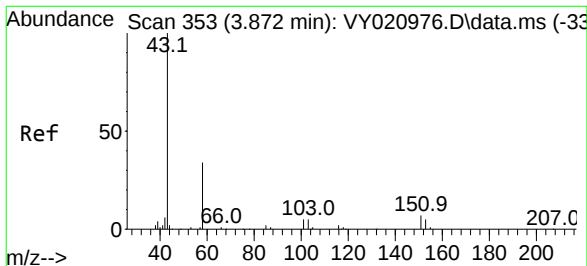
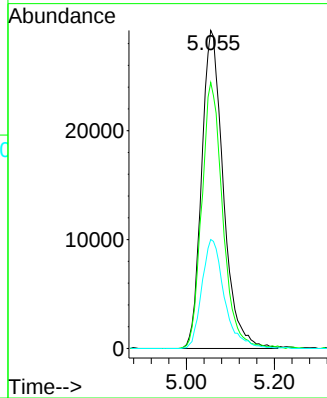
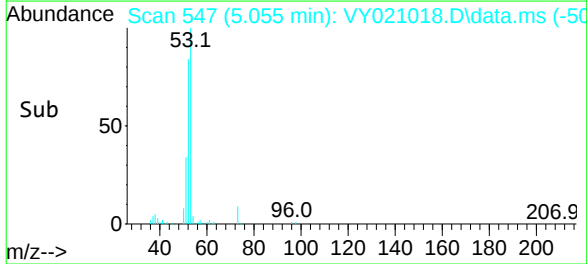
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 100077
Ion Ratio Lower Upper
53 100
52 80.6 66.2 99.4
51 35.7 29.4 44.0

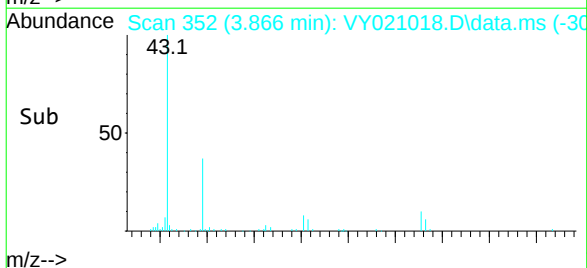
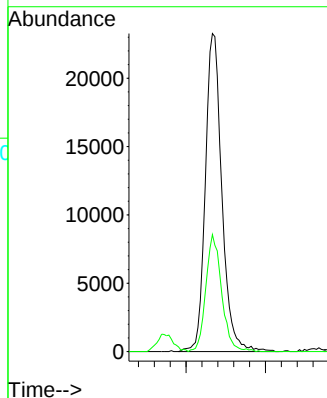
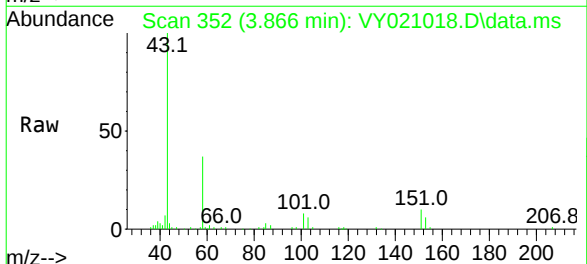
Manual Integrations
APPROVED

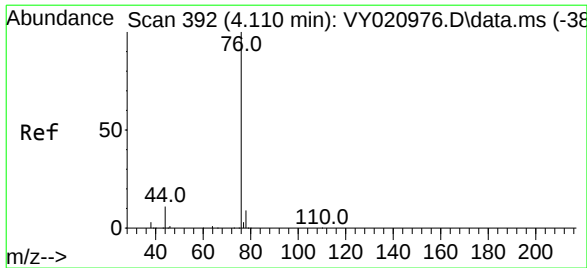
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#16
Acetone
Concen: 262.963 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021018.D
Acq: 31 Jan 2025 18:26

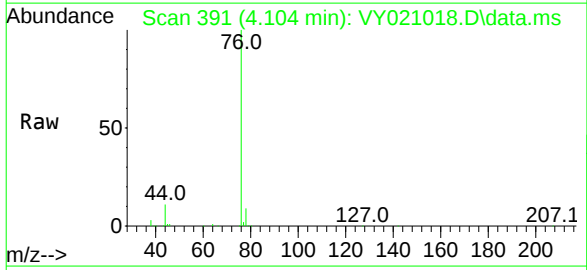
Tgt Ion: 43 Resp: 67388
Ion Ratio Lower Upper
43 100
58 36.8 28.4 42.6





#17
Carbon Disulfide
Concen: 47.271 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY021018.D
Acq: 31 Jan 2025 18:26

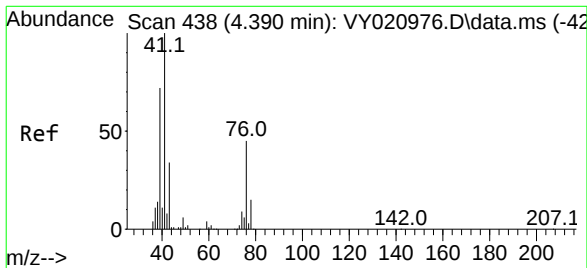
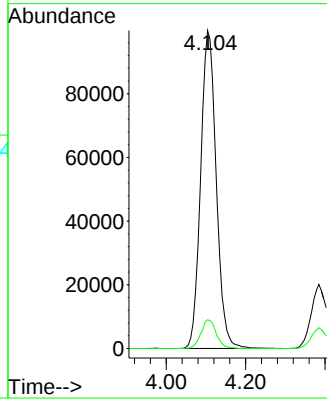
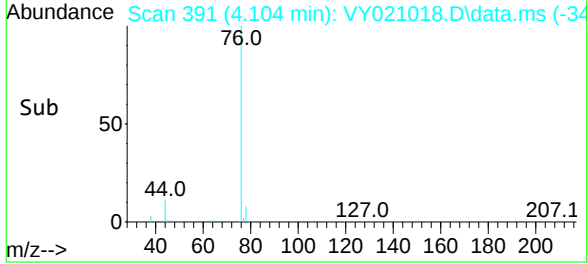
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 272147
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

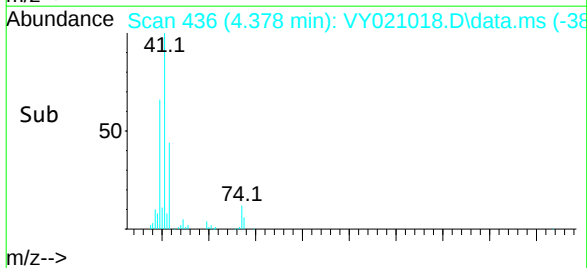
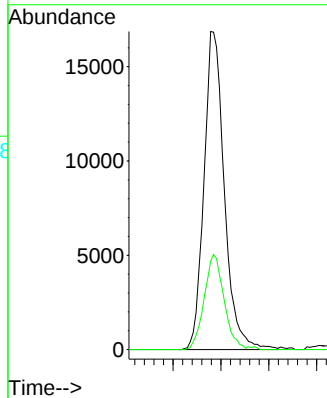
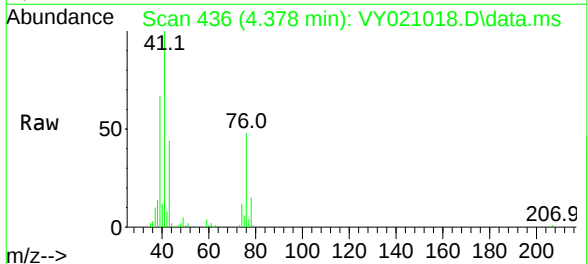
Manual Integrations
APPROVED

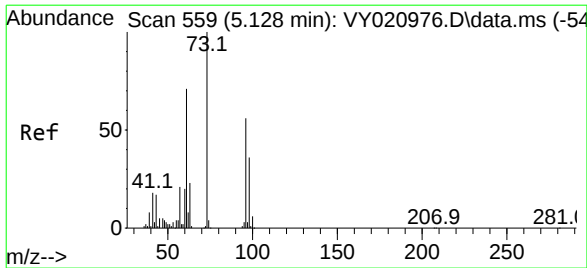
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#18
Methyl Acetate
Concen: 55.460 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY021018.D
Acq: 31 Jan 2025 18:26

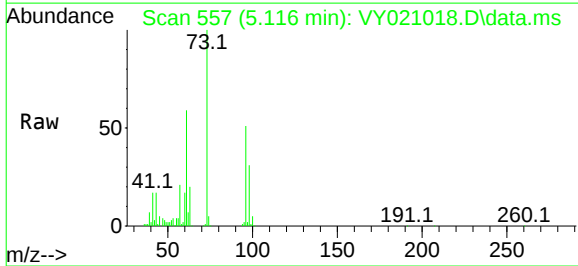
Tgt Ion: 43 Resp: 49732
Ion Ratio Lower Upper
43 100
74 29.3 22.2 33.4





#19
Methyl tert-butyl Ether
Concen: 57.031 ug/l
RT: 5.116 min Scan# 559
Delta R.T. -0.012 min
Lab File: VY021018.D
Acq: 31 Jan 2025 18:26

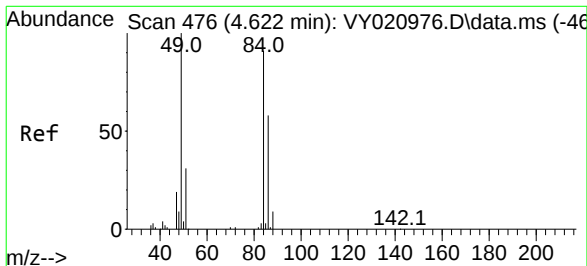
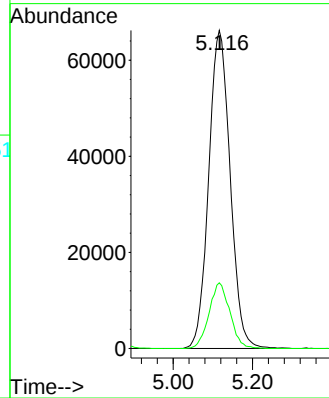
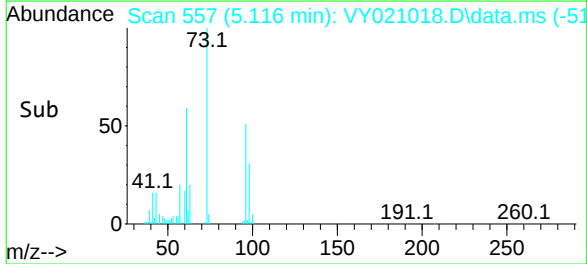
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



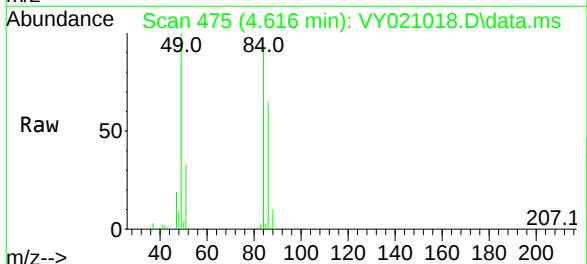
Tgt Ion: 73 Resp: 248129
Ion Ratio Lower Upper
73 100
57 20.7 16.6 25.0

Manual Integrations
APPROVED

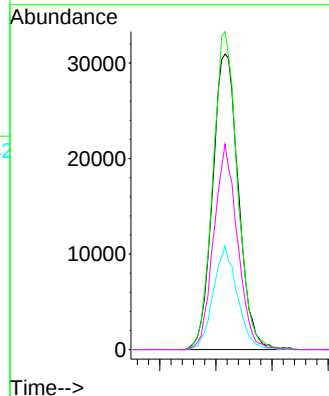
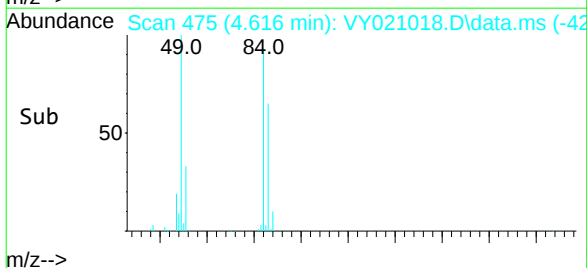
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025

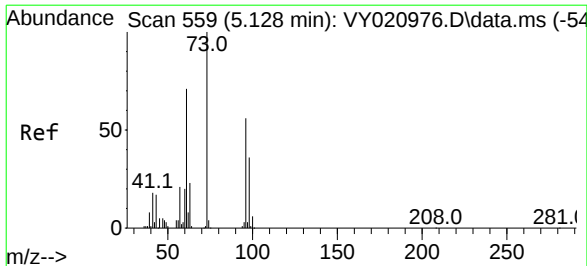


#20
Methylene Chloride
Concen: 52.351 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY021018.D
Acq: 31 Jan 2025 18:26



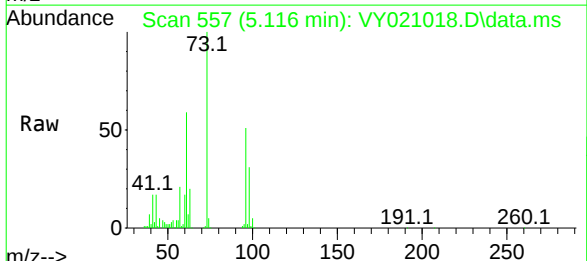
Tgt Ion: 84 Resp: 98947
Ion Ratio Lower Upper
84 100
49 107.6 88.3 132.5
51 35.0 27.7 41.5
86 69.5 51.6 77.4





#21
trans-1,2-Dichloroethene
Concen: 51.235 ug/l
RT: 5.116 min Scan# 559
Delta R.T. -0.012 min
Lab File: VY021018.D
Acq: 31 Jan 2025 18:26

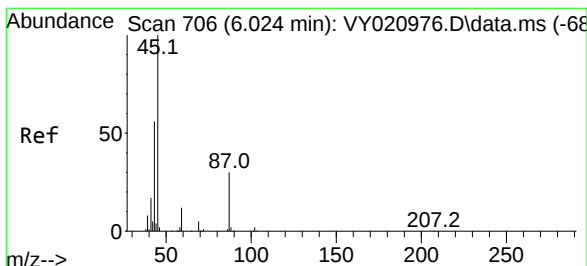
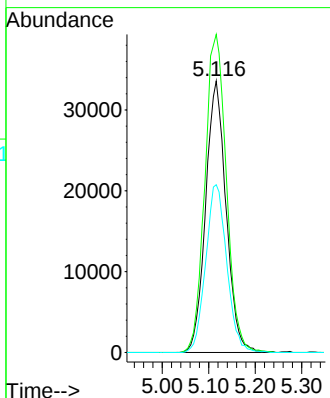
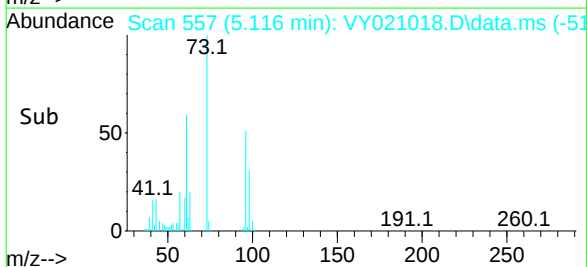
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 102680
Ion Ratio Lower Upper
96 100
61 117.1 101.5 152.3
98 61.8 52.0 78.0

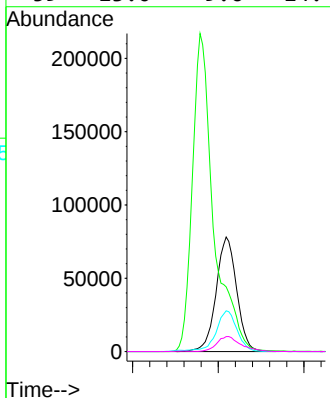
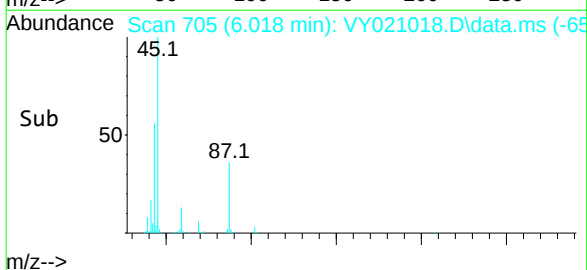
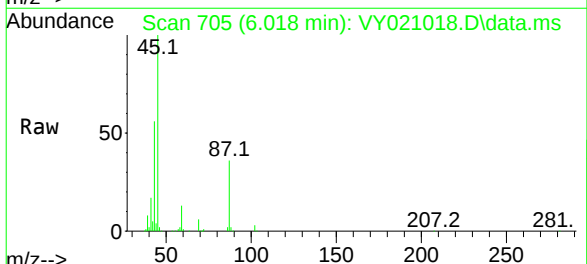
Manual Integrations
APPROVED

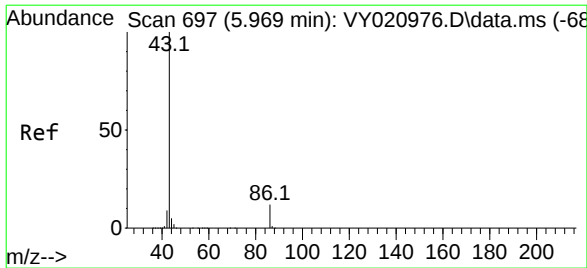
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#22
Diisopropyl ether
Concen: 49.694 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY021018.D
Acq: 31 Jan 2025 18:26

Tgt Ion: 45 Resp: 260669
Ion Ratio Lower Upper
45 100
43 56.0 45.1 67.7
87 35.6 25.0 37.4
59 13.0 9.6 14.4





#23

Vinyl Acetate

Concen: 256.512 ug/l

RT: 5.957 min Scan# 69

Delta R.T. -0.012 min

Lab File: VY021018.D

Acq: 31 Jan 2025 18:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 745138

Ion Ratio Lower Upper

43 100

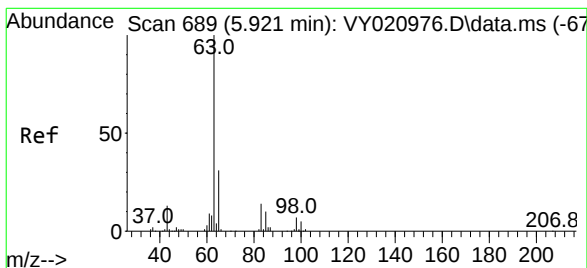
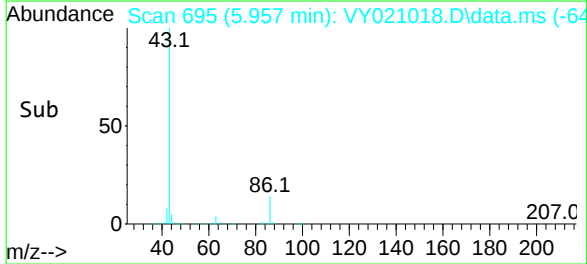
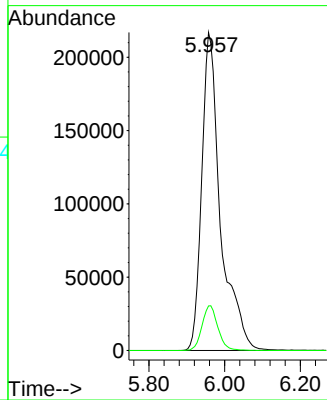
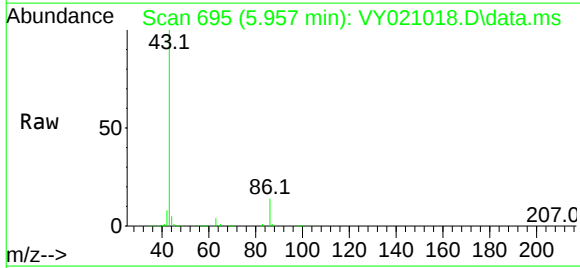
86 14.0 9.7 14.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/03/2025

Supervised By :Semsettin Yesilyurt 02/03/2025



#24

1,1-Dichloroethane

Concen: 50.082 ug/l

RT: 5.915 min Scan# 688

Delta R.T. -0.006 min

Lab File: VY021018.D

Acq: 31 Jan 2025 18:26

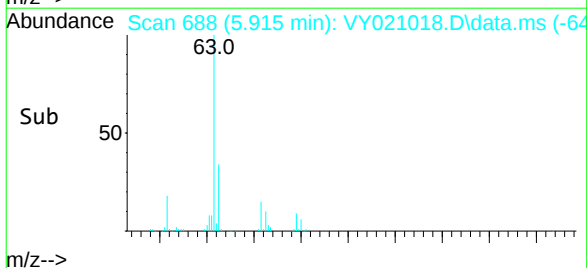
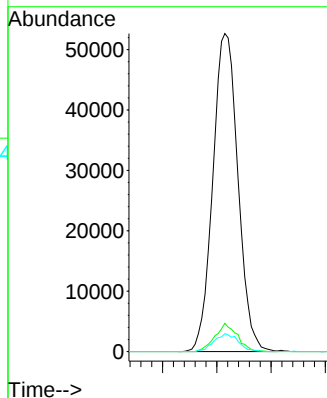
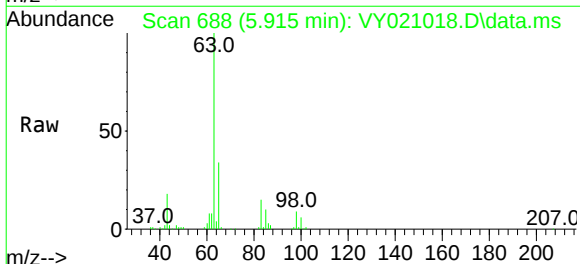
Tgt Ion: 63 Resp: 169479

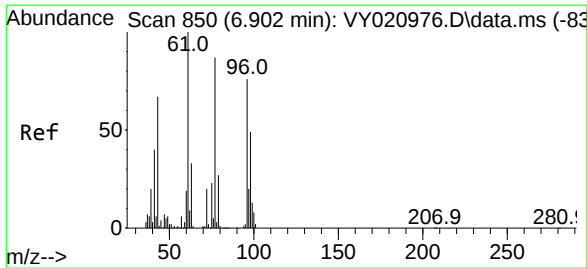
Ion Ratio Lower Upper

63 100

98 8.9 3.7 11.1

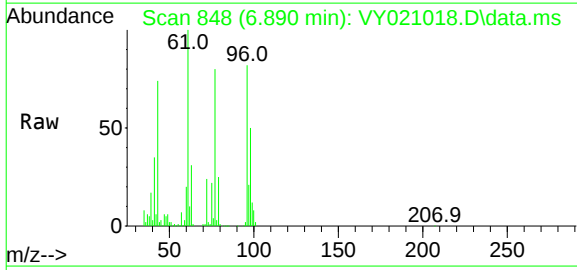
100 5.6 2.4 7.2





#25
2-Butanone
Concen: 262.089 ug/l
RT: 6.890 min Scan# 847
Delta R.T. -0.012 min
Lab File: VY021018.D
Acq: 31 Jan 2025 18:26

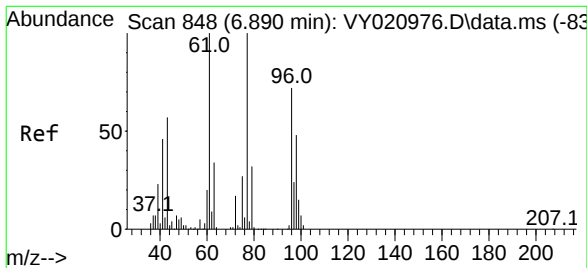
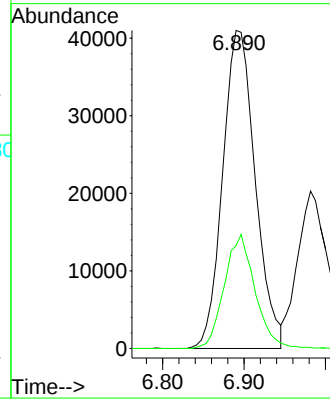
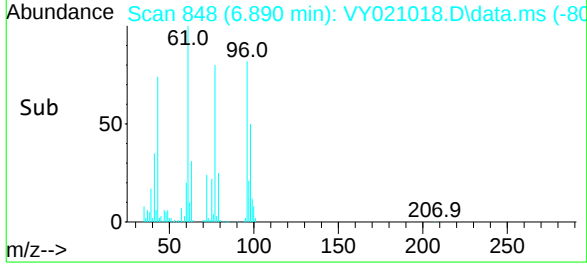
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



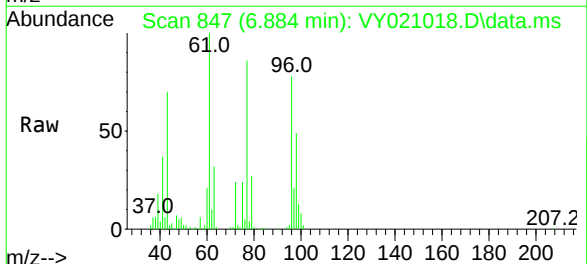
Tgt Ion: 43 Resp: 113940
Ion Ratio Lower Upper
43 100
72 32.3 24.3 36.5

Manual Integrations
APPROVED

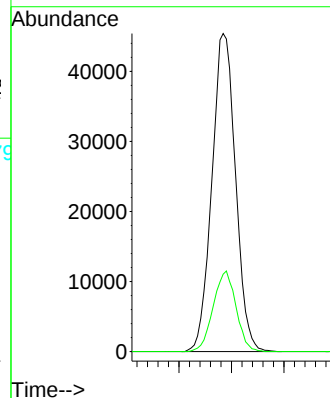
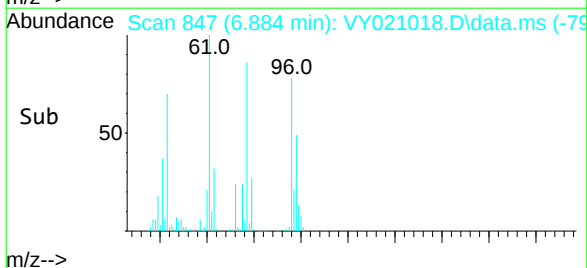
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025

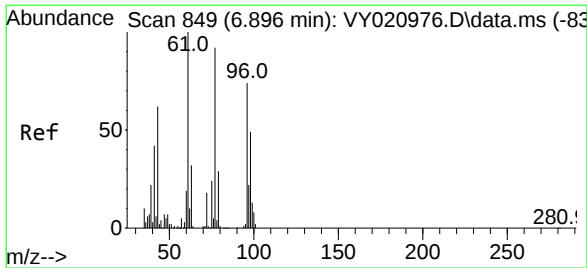


#26
2,2-Dichloropropane
Concen: 42.594 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY021018.D
Acq: 31 Jan 2025 18:26



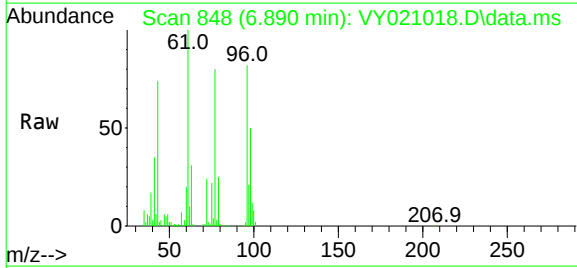
Tgt Ion: 77 Resp: 141916
Ion Ratio Lower Upper
77 100
97 24.5 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 53.381 ug/l
 RT: 6.890 min Scan# 849
 Delta R.T. -0.006 min
 Lab File: VY021018.D
 Acq: 31 Jan 2025 18:26

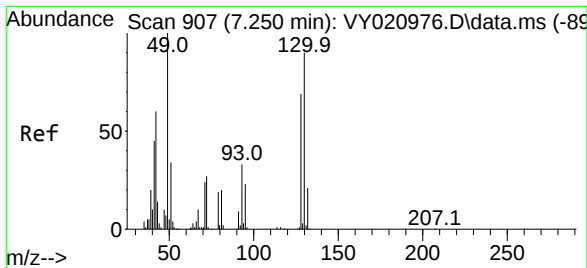
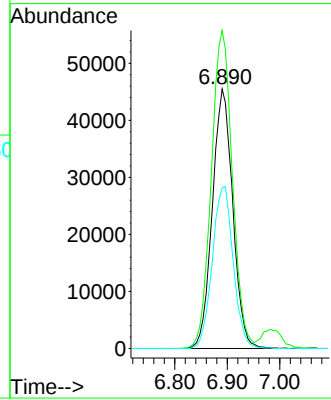
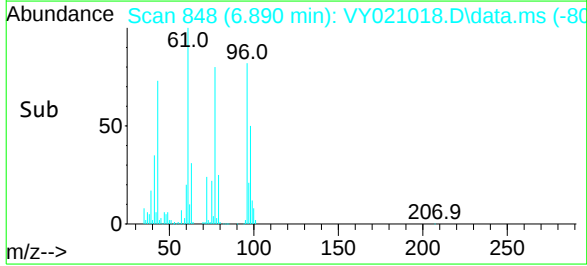
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 122967
 Ion Ratio Lower Upper
 96 100
 61 126.6 0.0 274.0
 98 63.9 0.0 130.4

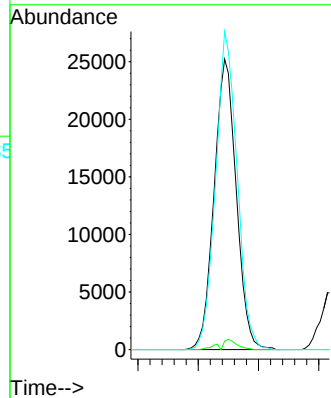
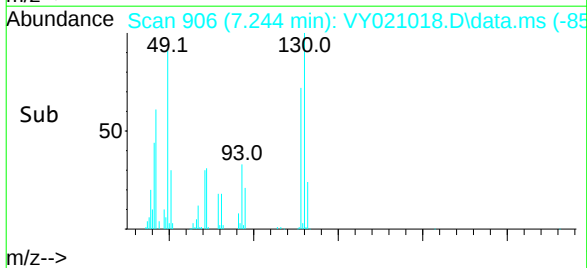
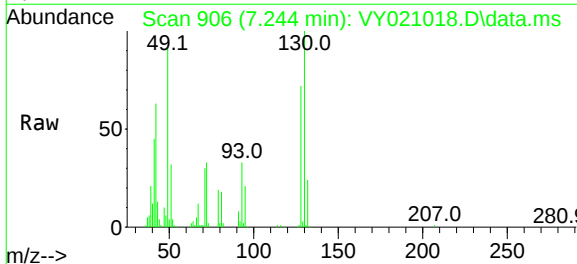
Manual Integrations
 APPROVED

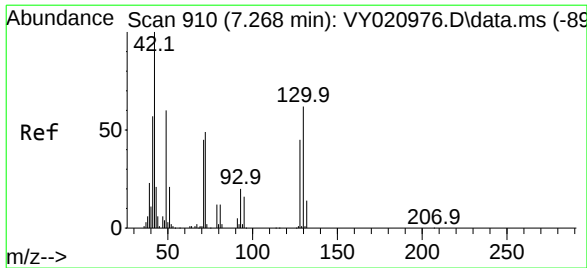
Reviewed By :Mahesh Dadoda 02/03/2025
 Supervised By :Semsettin Yesilyurt 02/03/2025



#28
 Bromochloromethane
 Concen: 51.093 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY021018.D
 Acq: 31 Jan 2025 18:26

Tgt Ion: 49 Resp: 64418
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 5.0
 130 106.4 73.2 109.8





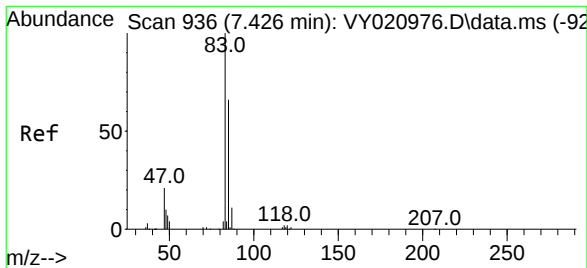
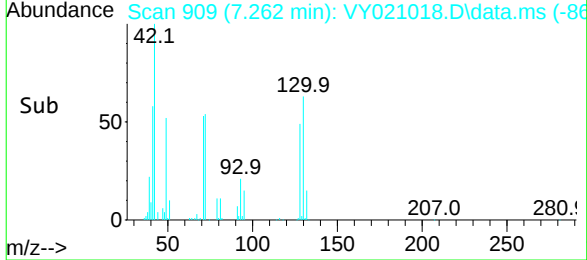
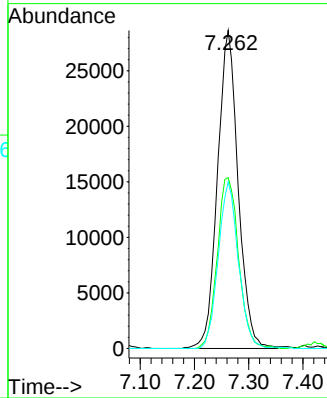
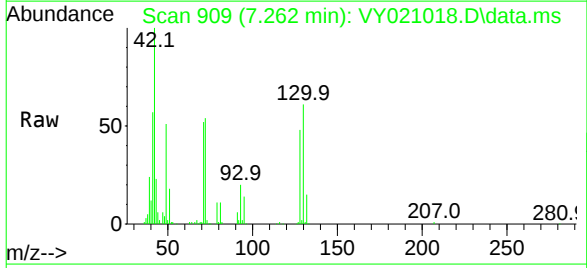
#29
Tetrahydrofuran
Concen: 258.768 ug/l
RT: 7.262 min Scan# 909
Delta R.T. -0.006 min
Lab File: VY021018.D
Acq: 31 Jan 2025 18:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 75700
Ion Ratio Lower Upper
42 100
72 55.7 39.3 58.9
71 51.1 36.1 54.1

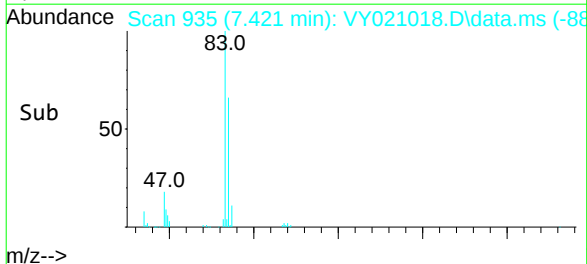
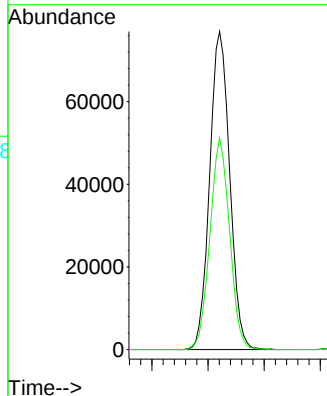
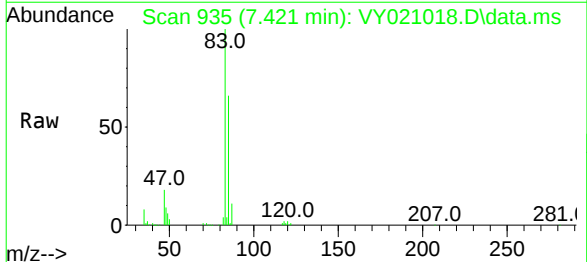
Manual Integrations
APPROVED

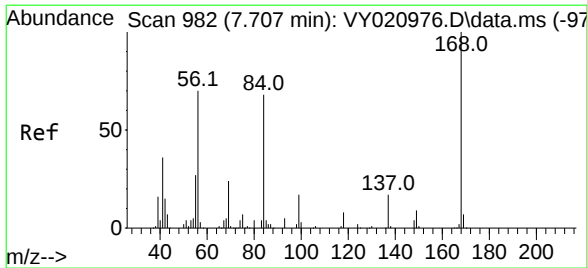
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#30
Chloroform
Concen: 52.088 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.006 min
Lab File: VY021018.D
Acq: 31 Jan 2025 18:26

Tgt Ion: 83 Resp: 190916
Ion Ratio Lower Upper
83 100
85 66.5 52.9 79.3





#31

Cyclohexane

Concen: 40.457 ug/l

RT: 7.701 min Scan# 98

Delta R.T. -0.006 min

Lab File: VY021018.D

Acq: 31 Jan 2025 18:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 133821

Ion Ratio Lower Upper

56 100

69 38.5 27.7 41.5

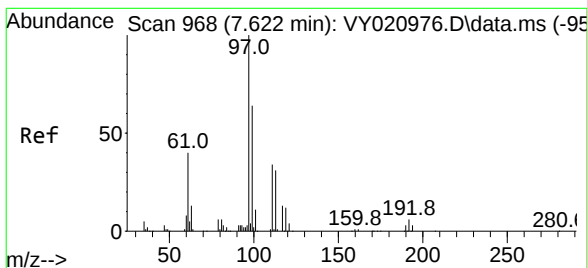
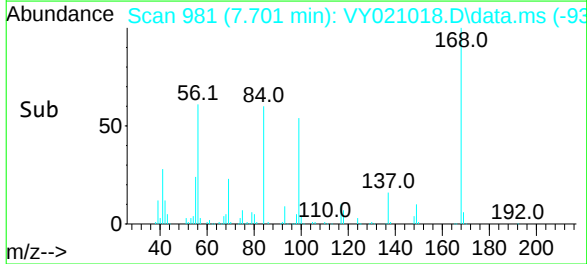
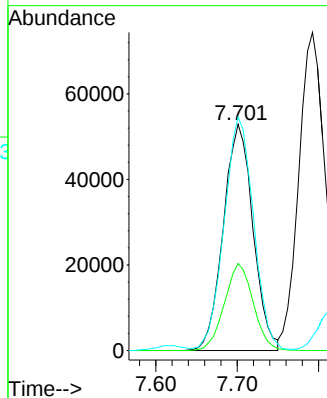
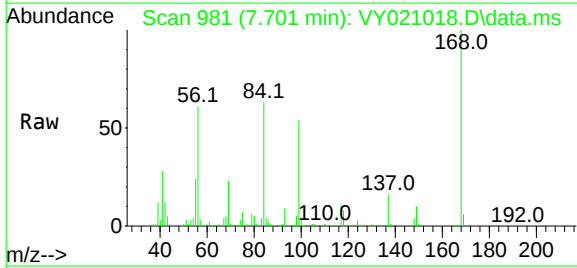
84 101.6 77.5 116.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/03/2025

Supervised By :Semsettin Yesilyurt 02/03/2025



#32

1,1,1-Trichloroethane

Concen: 49.086 ug/l

RT: 7.616 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY021018.D

Acq: 31 Jan 2025 18:26

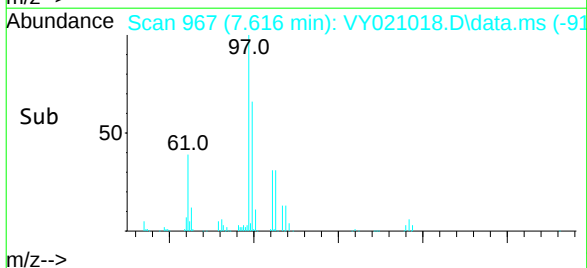
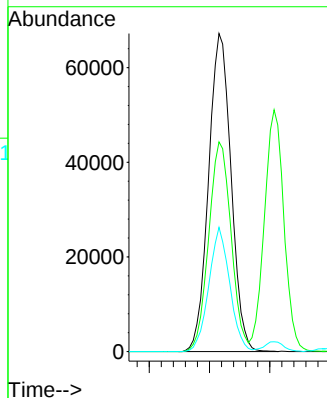
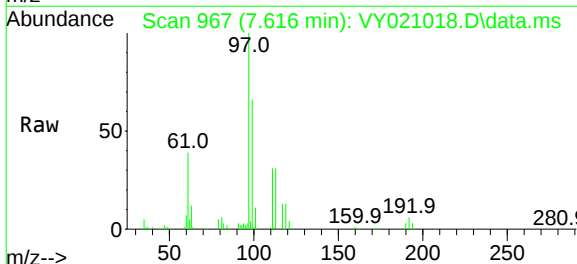
Tgt Ion: 97 Resp: 174118

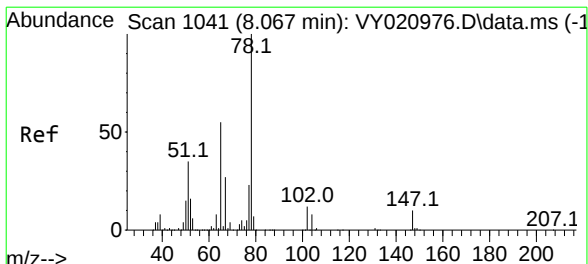
Ion Ratio Lower Upper

97 100

99 65.7 51.4 77.0

61 36.3 31.4 47.0





#33
 1,2-Dichloroethane-d4
 Concen: 50.081 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. -0.006 min
 Lab File: VY021018.D
 Acq: 31 Jan 2025 18:26

Instrument :

MSVOA_Y

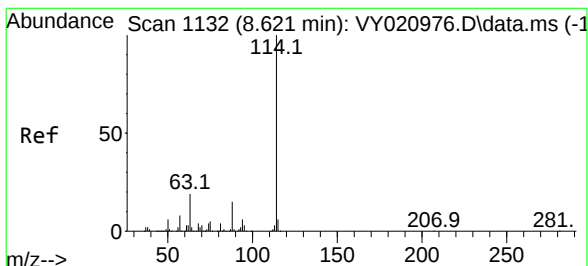
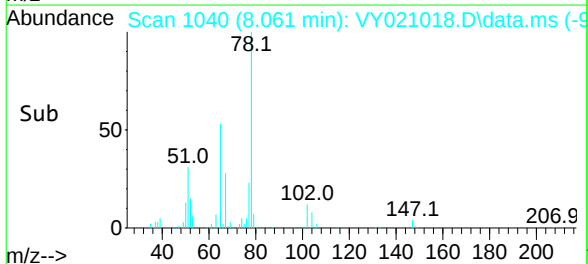
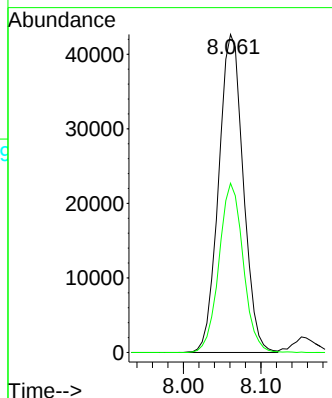
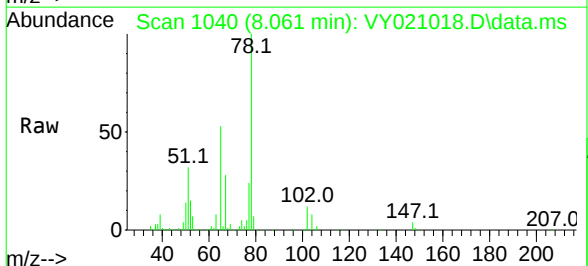
ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 94163
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.4

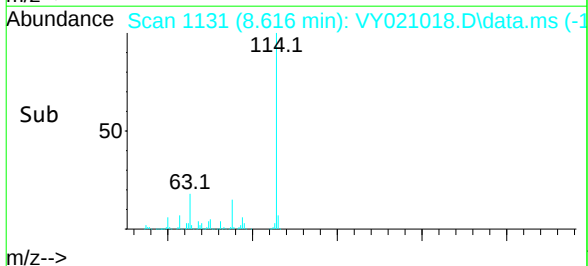
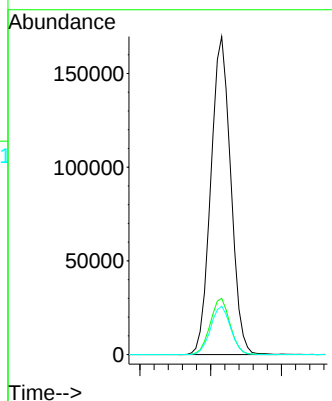
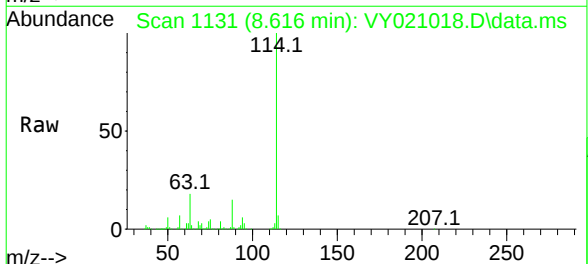
Manual Integrations
 APPROVED

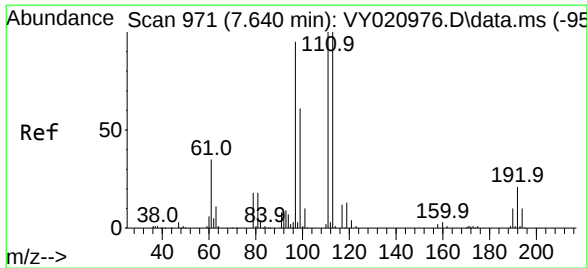
Reviewed By :Mahesh Dadoda 02/03/2025
 Supervised By :Semsettin Yesilyurt 02/03/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. -0.006 min
 Lab File: VY021018.D
 Acq: 31 Jan 2025 18:26

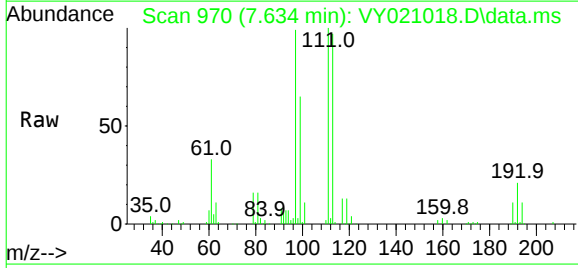
Tgt Ion:114 Resp: 331779
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 37.2
 88 15.2 0.0 29.6





#35
Dibromofluoromethane
Concen: 50.315 ug/l
RT: 7.634 min Scan# 971
Delta R.T. -0.006 min
Lab File: VY021018.D
Acq: 31 Jan 2025 18:26

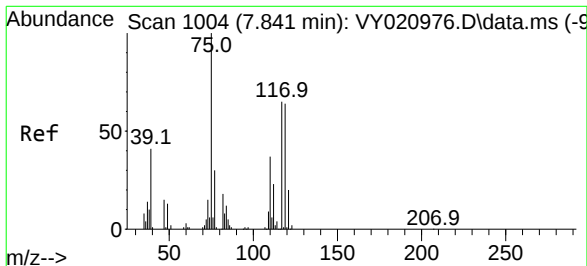
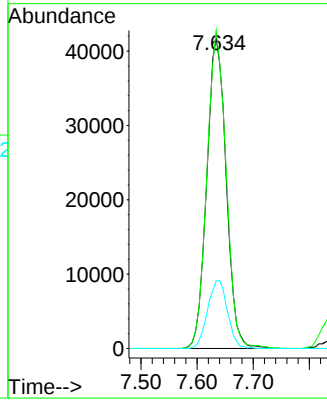
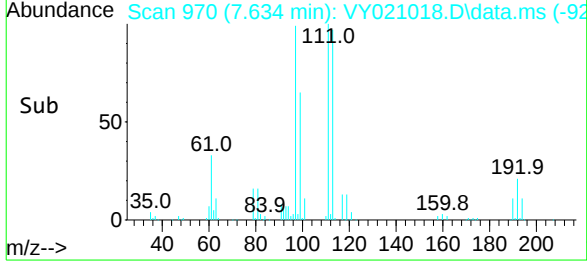
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 100358
Ion Ratio Lower Upper
113 100
111 101.3 82.6 123.8
192 22.4 16.8 25.2

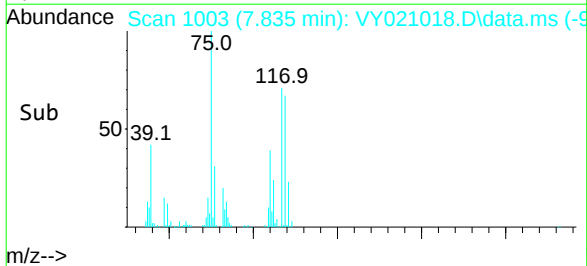
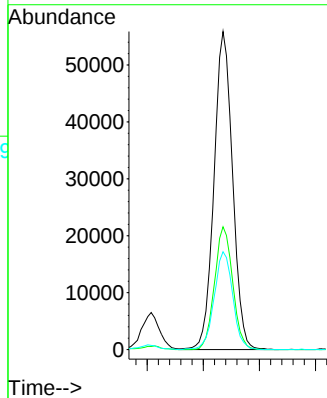
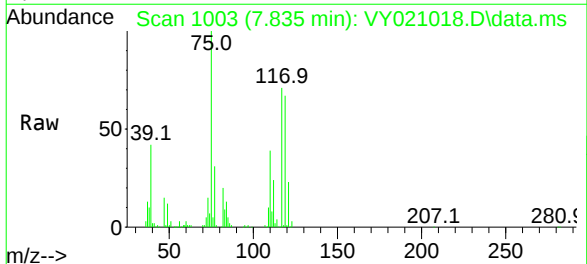
Manual Integrations
APPROVED

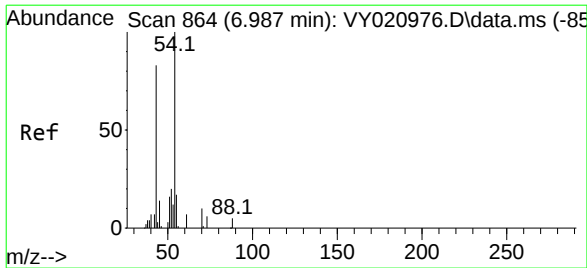
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#36
1,1-Dichloropropene
Concen: 45.197 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY021018.D
Acq: 31 Jan 2025 18:26

Tgt Ion: 75 Resp: 128609
Ion Ratio Lower Upper
75 100
110 37.7 18.4 55.2
77 30.8 24.9 37.3





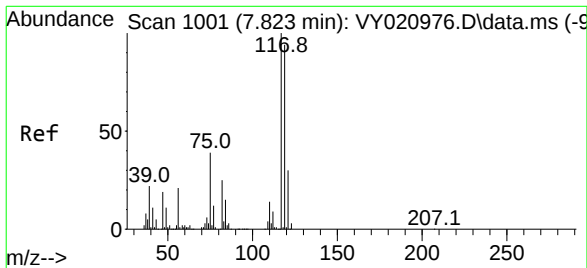
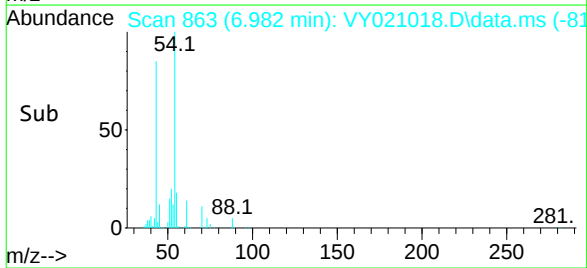
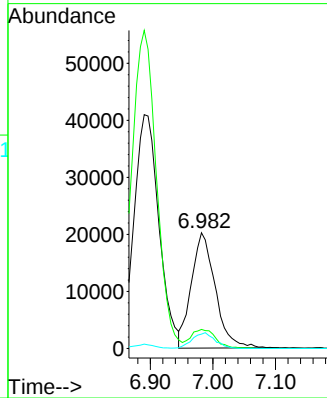
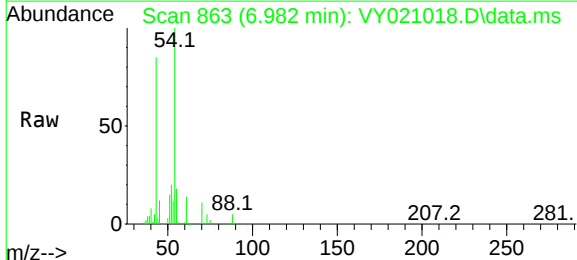
#37
Ethyl Acetate
Concen: 50.547 ug/l
RT: 6.982 min Scan# 864
Delta R.T. -0.006 min
Lab File: VY021018.D
Acq: 31 Jan 2025 18:26

Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050EC

Tgt Ion: 43 Resp: 53623
Ion Ratio Lower Upper
43 100
61 17.4 11.4 17.0#
70 13.1 9.6 14.4

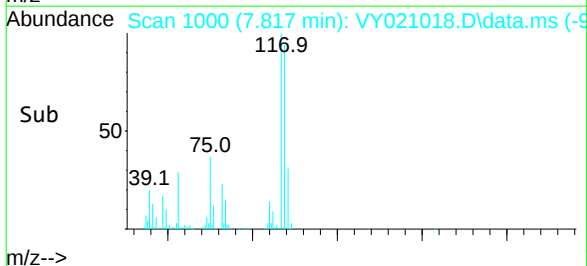
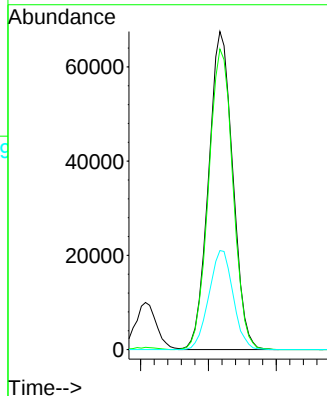
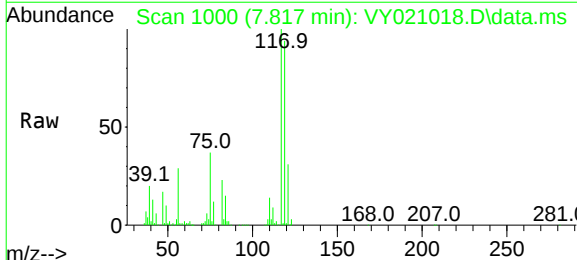
Manual Integrations
APPROVED

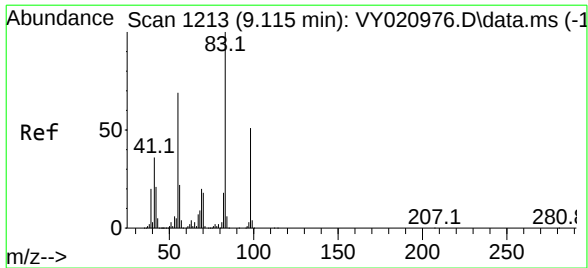
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#38
Carbon Tetrachloride
Concen: 47.604 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY021018.D
Acq: 31 Jan 2025 18:26

Tgt Ion:117 Resp: 167627
Ion Ratio Lower Upper
117 100
119 94.5 75.0 112.6
121 31.1 24.2 36.2





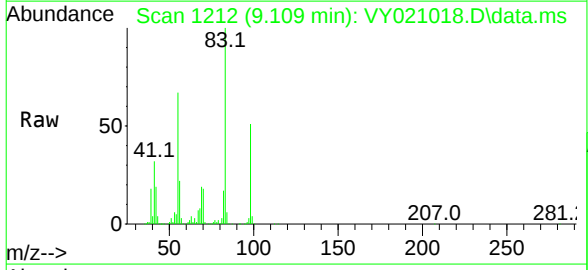
#39
Methylcyclohexane
Concen: 43.695 ug/l
RT: 9.109 min Scan# 1213
Delta R.T. -0.006 min
Lab File: VY021018.D
Acq: 31 Jan 2025 18:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

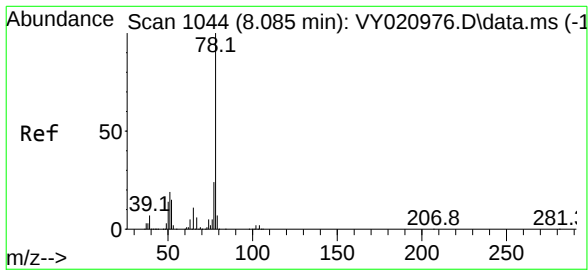
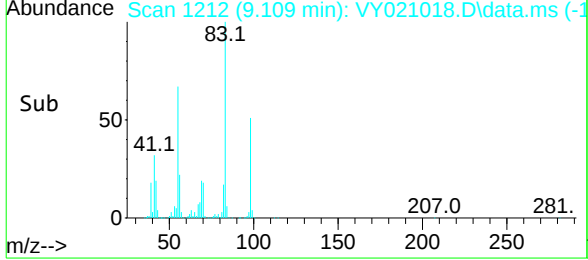
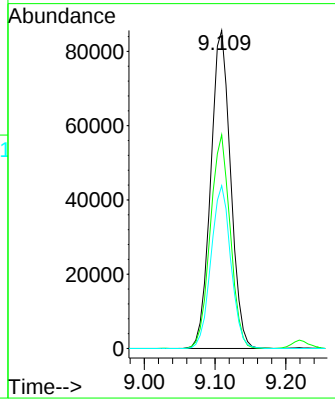


Tgt Ion:	83	Resp:	167028
Ion	Ratio	Lower	Upper
83	100		
55	67.2	54.9	82.3
98	51.2	40.5	60.7

Manual Integrations

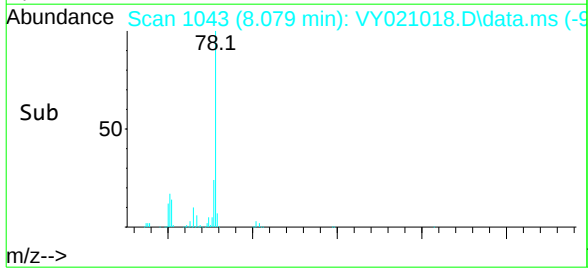
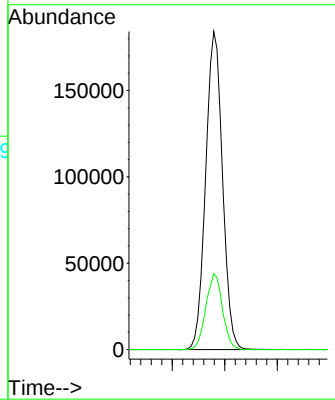
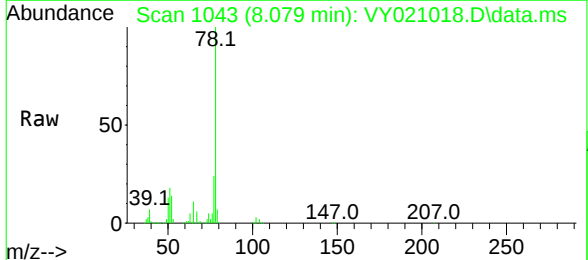
APPROVED

Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025

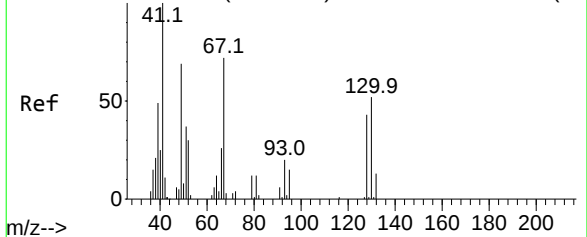


#40
Benzene
Concen: 48.910 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY021018.D
Acq: 31 Jan 2025 18:26

Tgt Ion:	78	Resp:	409507
Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.4	29.2



Abundance Scan 903 (7.225 min): VY020976.D\data.ms (-89



#41

Methacrylonitrile

Concen: 55.094 ug/l

RT: 7.219 min Scan# 90

Delta R.T. -0.006 min

Lab File: VY021018.D

Acq: 31 Jan 2025 18:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 32338

Ion Ratio Lower Upper

41 100

39 49.0 41.6 62.4

67 83.5 63.8 95.6

52 32.3 25.5 38.3

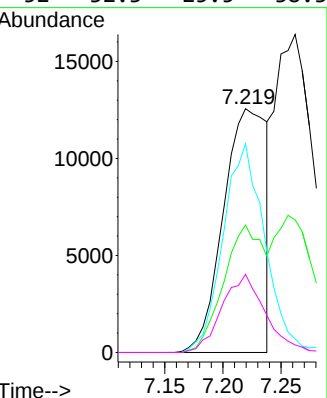
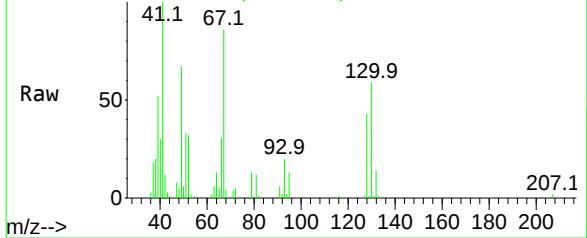
Manual Integrations

APPROVED

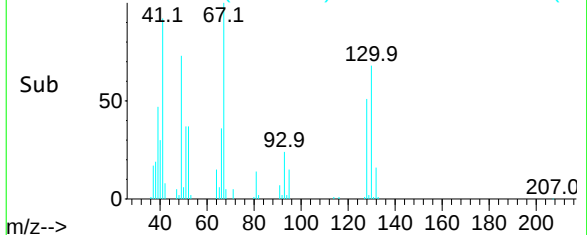
Reviewed By :Mahesh Dadoda 02/03/2025

Supervised By :Semsettin Yesilyurt 02/03/2025

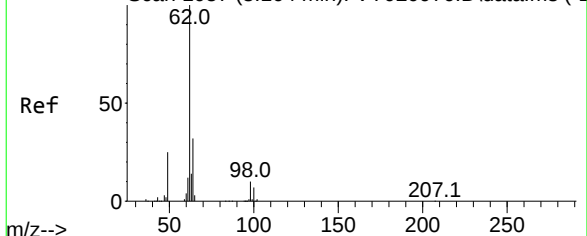
Abundance Scan 902 (7.219 min): VY021018.D\data.ms



Abundance Scan 902 (7.219 min): VY021018.D\data.ms (-85



Abundance Scan 1057 (8.164 min): VY020976.D\data.ms (-1



#42

1,2-Dichloroethane

Concen: 51.413 ug/l

RT: 8.158 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VY021018.D

Acq: 31 Jan 2025 18:26

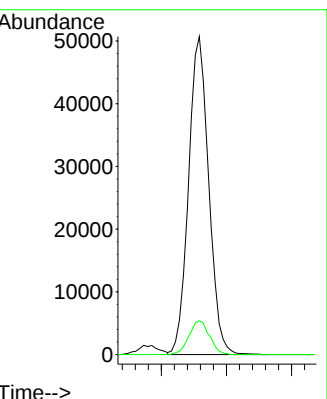
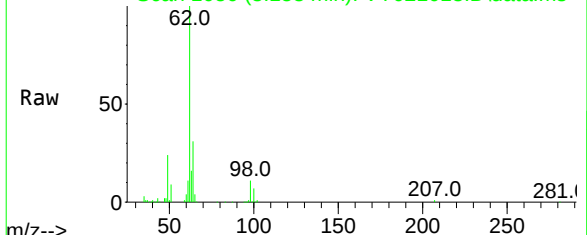
Tgt Ion: 62 Resp: 109169

Ion Ratio Lower Upper

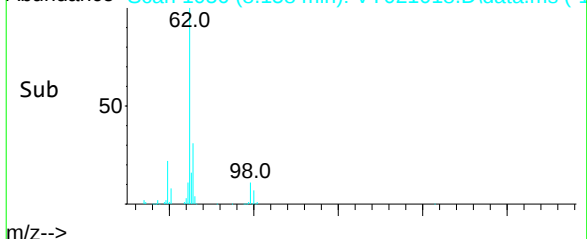
62 100

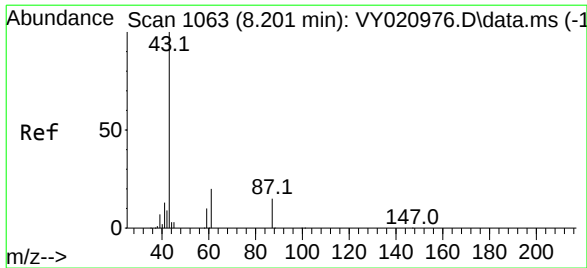
98 10.8 0.0 19.4

Abundance Scan 1056 (8.158 min): VY021018.D\data.ms



Abundance Scan 1056 (8.158 min): VY021018.D\data.ms (-1





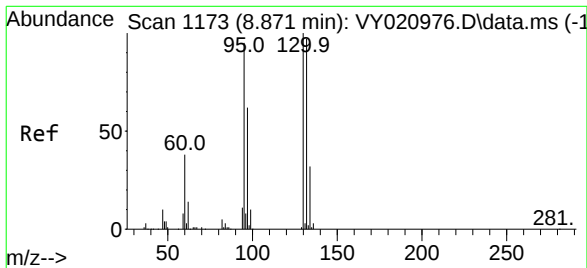
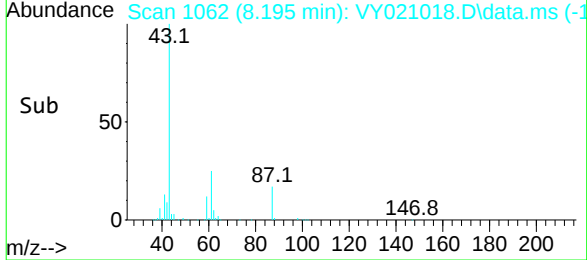
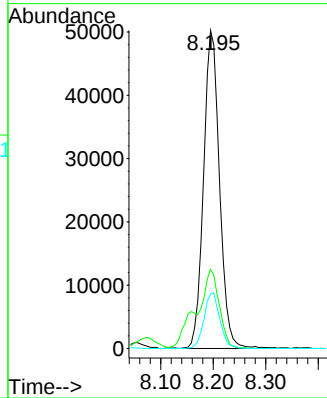
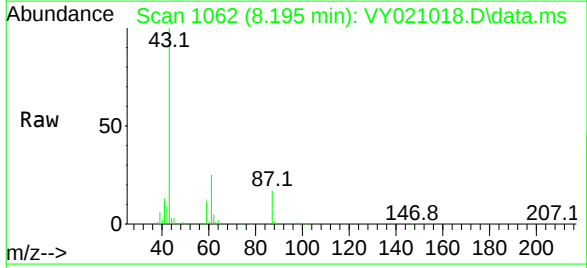
#43
Isopropyl Acetate
Concen: 50.095 ug/l
RT: 8.195 min Scan# 1061
Delta R.T. -0.006 min
Lab File: VY021018.D
Acq: 31 Jan 2025 18:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 106167
Ion Ratio Lower Upper
43 100
61 24.7 15.8 23.6#
87 17.3 12.5 18.7

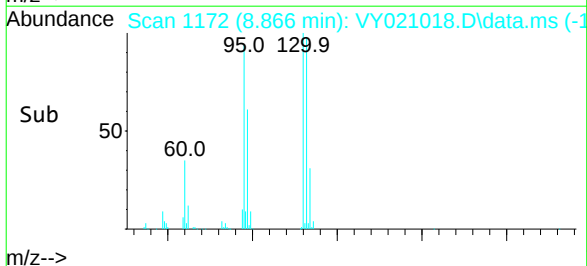
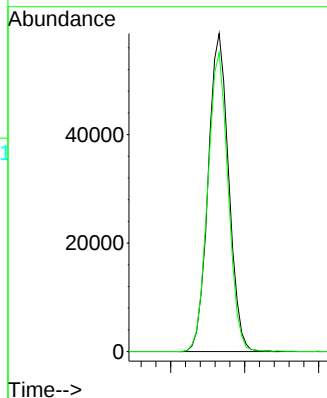
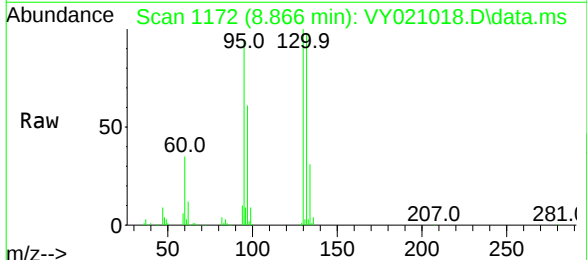
Manual Integrations
APPROVED

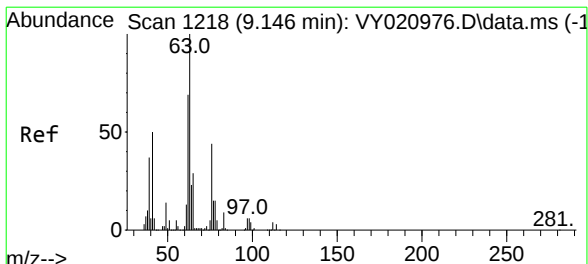
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#44
Trichloroethene
Concen: 48.893 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY021018.D
Acq: 31 Jan 2025 18:26

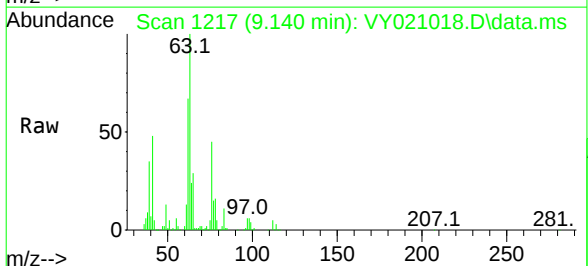
Tgt Ion:130 Resp: 112957
Ion Ratio Lower Upper
130 100
95 94.0 0.0 189.6





#45
 1,2-Dichloropropane
 Concen: 48.302 ug/l
 RT: 9.140 min Scan# 1218
 Delta R.T. -0.006 min
 Lab File: VY021018.D
 Acq: 31 Jan 2025 18:26

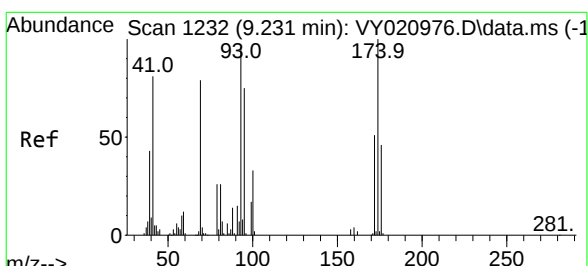
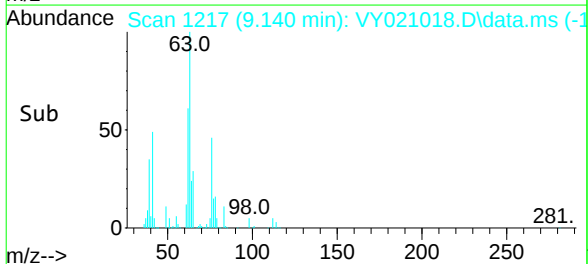
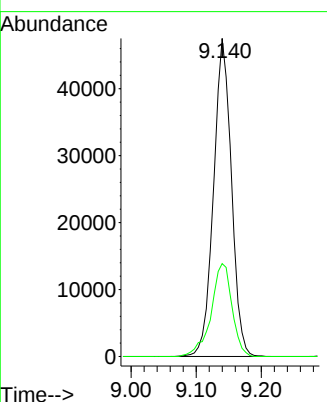
Instrument : MSVOA_Y
 ClientSampleId : VSTDCCC050EC



Tgt Ion: 63 Resp: 90644

Ion	Ratio	Lower	Upper
63	100		
65	29.2	23.6	35.4

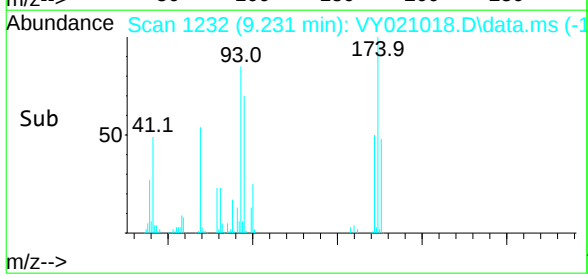
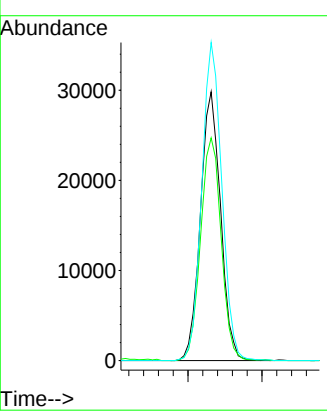
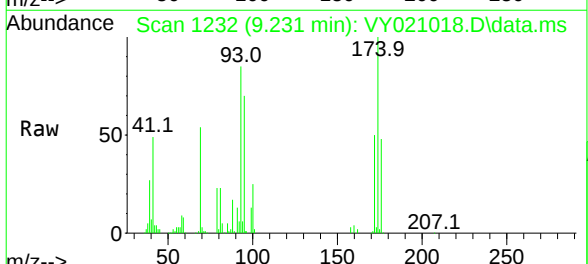
Manual Integrations
APPROVED
 Reviewed By :Mahesh Dadoda 02/03/2025
 Supervised By :Semsettin Yesilyurt 02/03/2025

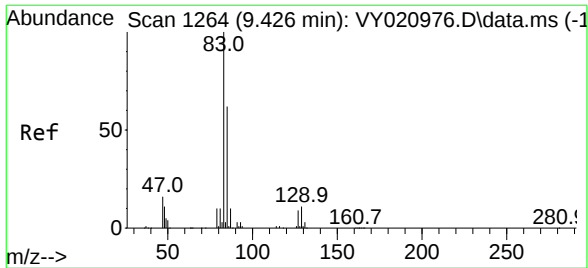


#46
 Dibromomethane
 Concen: 51.683 ug/l
 RT: 9.231 min Scan# 1232
 Delta R.T. 0.000 min
 Lab File: VY021018.D
 Acq: 31 Jan 2025 18:26

Tgt Ion: 93 Resp: 56443

Ion	Ratio	Lower	Upper
93	100		
95	84.6	65.8	98.8
174	117.8	88.1	132.1





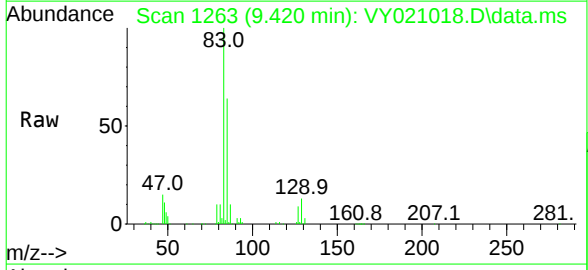
#47
 Bromodichloromethane
 Concen: 50.716 ug/l
 RT: 9.420 min Scan# 1264
 Delta R.T. -0.006 min
 Lab File: VY021018.D
 Acq: 31 Jan 2025 18:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

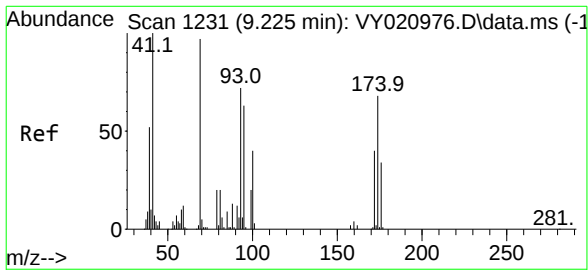
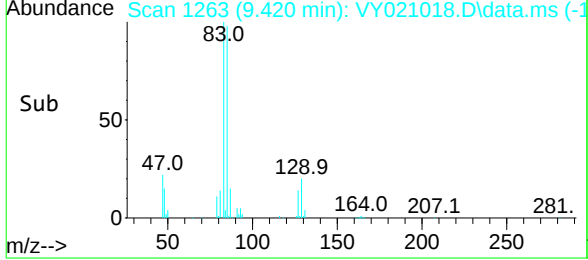
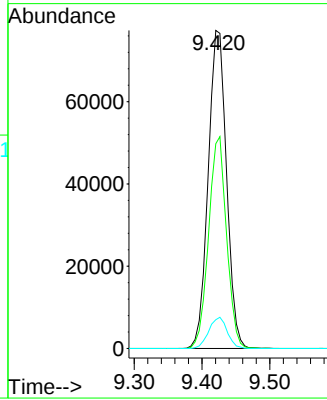


Tgt Ion:	83	Resp:	145452
Ion	Ratio	Lower	Upper
83	100		
85	64.4	49.6	74.4
127	9.0	7.1	10.7

Manual Integrations

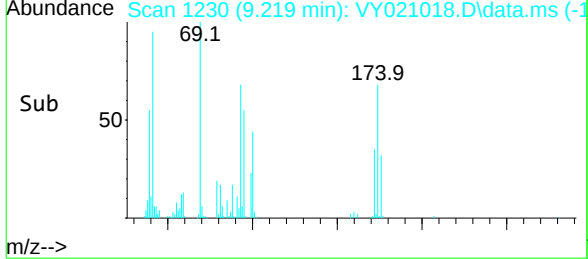
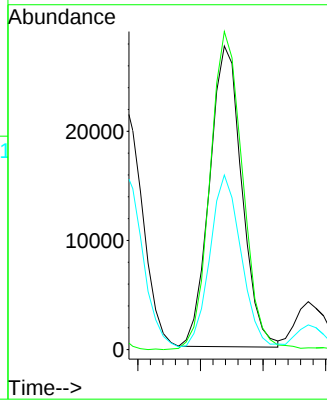
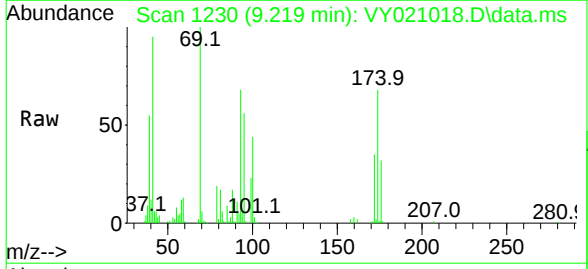
APPROVED

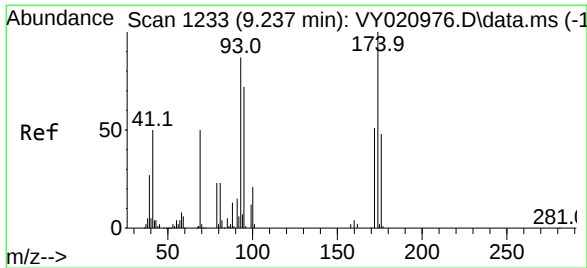
Reviewed By :Mahesh Dadoda 02/03/2025
 Supervised By :Semsettin Yesilyurt 02/03/2025



#48
 Methyl methacrylate
 Concen: 48.864 ug/l
 RT: 9.219 min Scan# 1230
 Delta R.T. -0.006 min
 Lab File: VY021018.D
 Acq: 31 Jan 2025 18:26

Tgt Ion:	41	Resp:	49304
Ion	Ratio	Lower	Upper
41	100		
69	106.8	75.6	113.4
39	55.5	41.3	61.9





#49

1,4-Dioxane

Concen: 1126.099 ug/l

RT: 9.231 min Scan# 12

Delta R.T. -0.006 min

Lab File: VY021018.D

Acq: 31 Jan 2025 18:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 13068

Ion Ratio Lower Upper

88 100

43 28.9 24.2 36.4

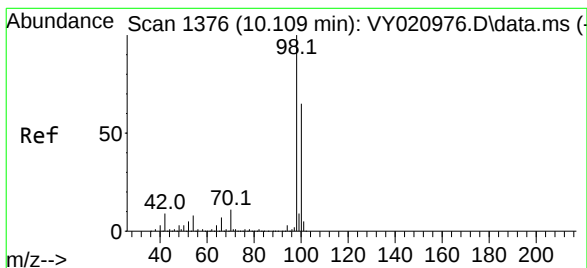
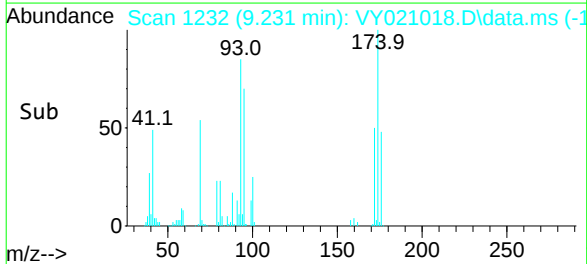
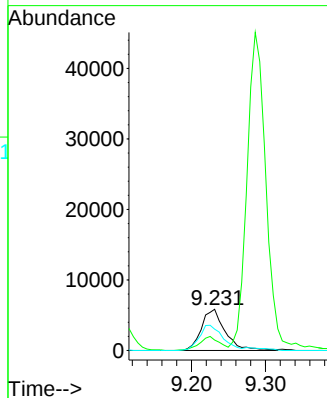
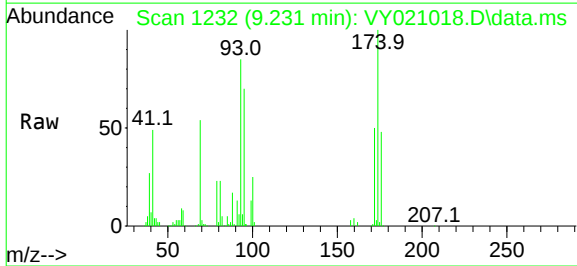
58 60.2 57.3 85.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/03/2025

Supervised By :Semsettin Yesilyurt 02/03/2025



#50

Toluene-d8

Concen: 47.467 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021018.D

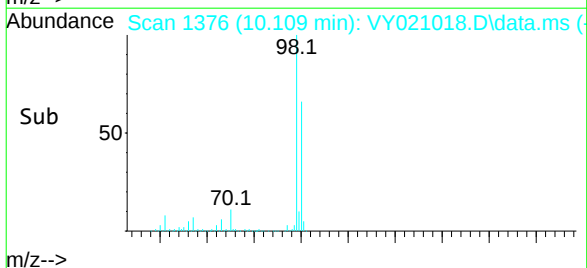
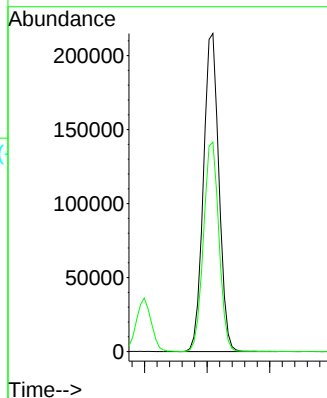
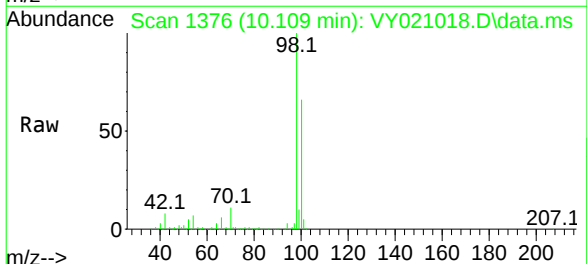
Acq: 31 Jan 2025 18:26

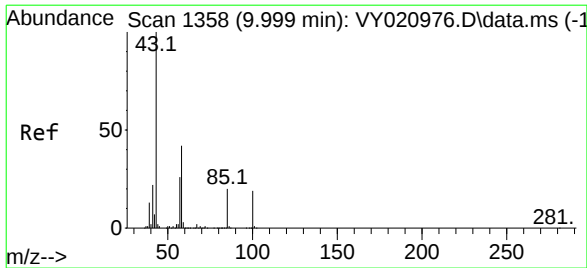
Tgt Ion: 98 Resp: 369536

Ion Ratio Lower Upper

98 100

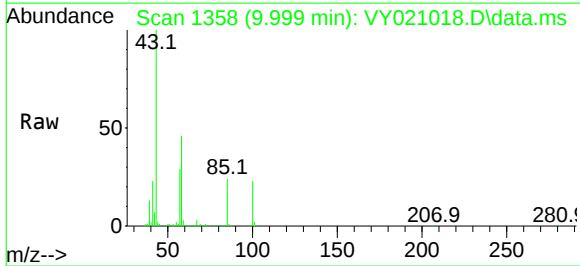
100 65.7 52.6 79.0





#51
4-Methyl-2-Pentanone
Concen: 252.977 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021018.D
Acq: 31 Jan 2025 18:26

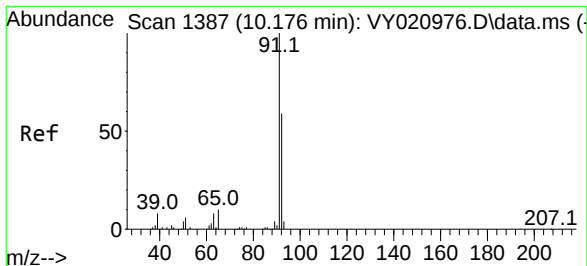
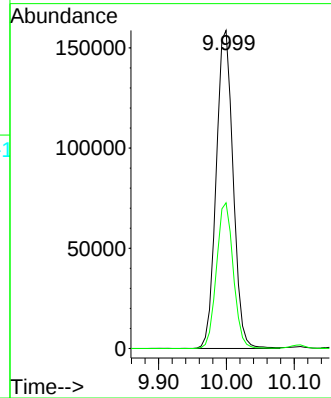
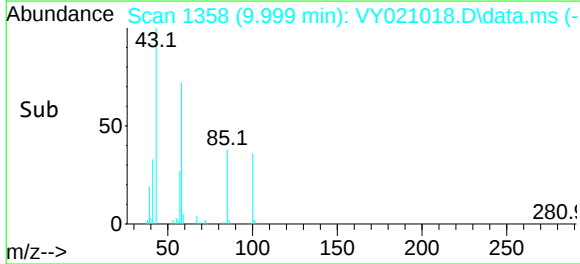
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 275491
Ion Ratio Lower Upper
43 100
58 45.3 33.8 50.8

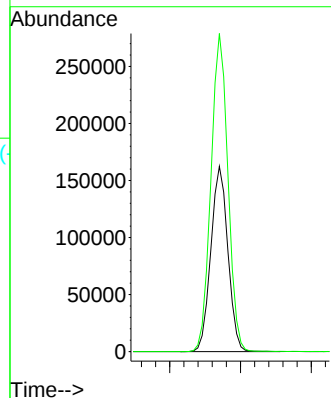
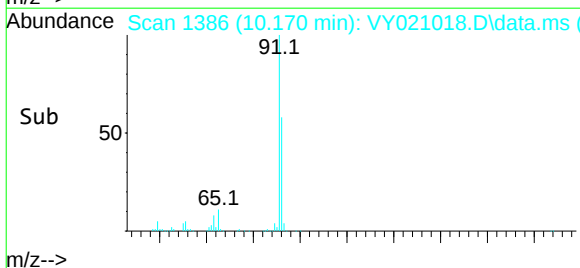
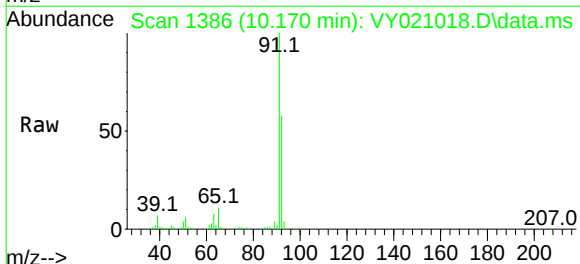
Manual Integrations
APPROVED

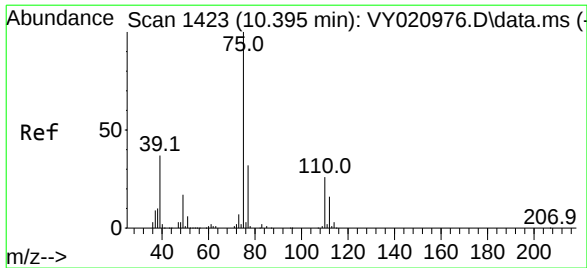
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#52
Toluene
Concen: 49.914 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021018.D
Acq: 31 Jan 2025 18:26

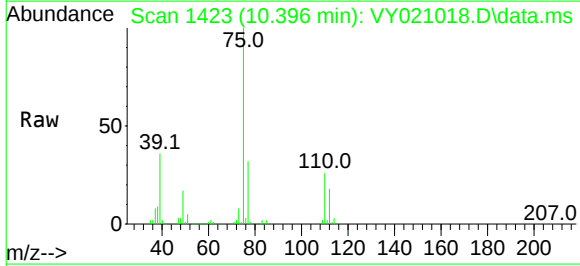
Tgt Ion: 92 Resp: 271273
Ion Ratio Lower Upper
92 100
91 171.3 135.8 203.8





#53
t-1,3-Dichloropropene
Concen: 52.087 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY021018.D
Acq: 31 Jan 2025 18:26

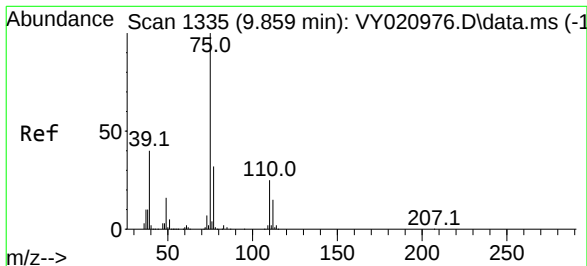
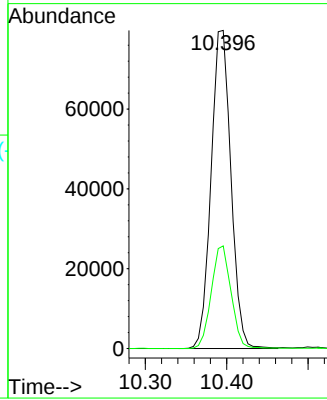
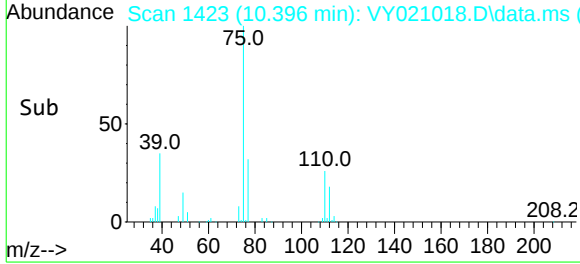
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 135182
Ion Ratio Lower Upper
75 100
77 32.3 25.9 38.9

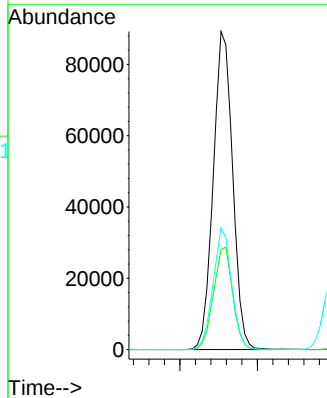
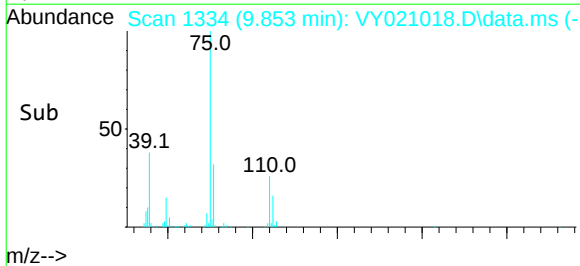
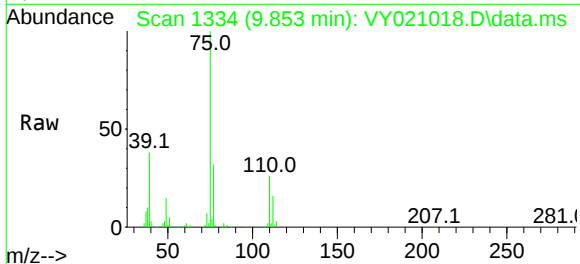
Manual Integrations
APPROVED

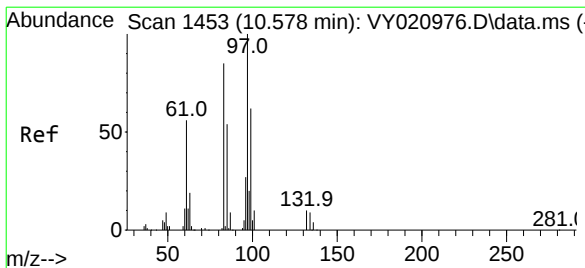
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#54
cis-1,3-Dichloropropene
Concen: 50.023 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY021018.D
Acq: 31 Jan 2025 18:26

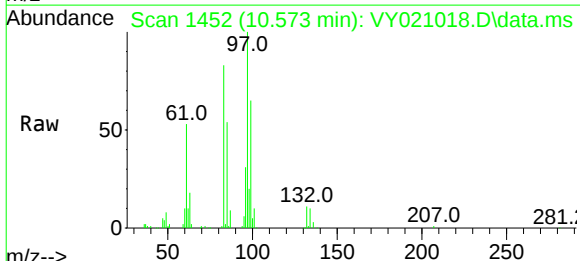
Tgt Ion: 75 Resp: 155165
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0
39 38.3 32.2 48.2





#55
1,1,2-Trichloroethane
Concen: 52.634 ug/l
RT: 10.573 min Scan# 1453
Delta R.T. -0.006 min
Lab File: VY021018.D
Acq: 31 Jan 2025 18:26

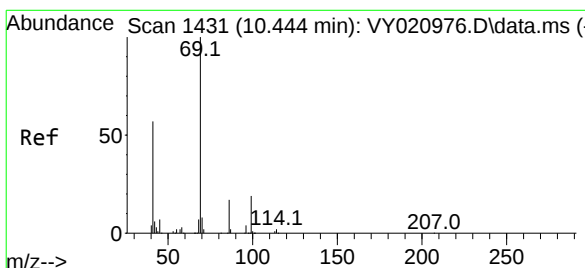
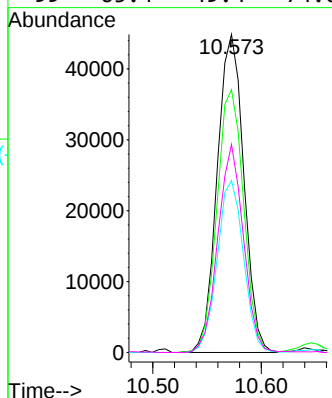
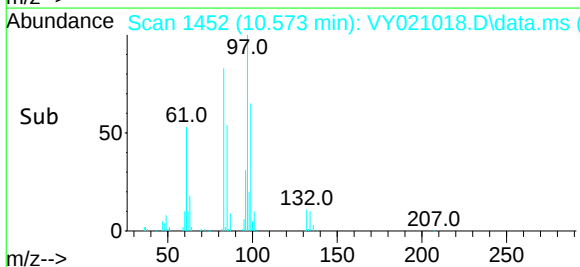
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 76443
Ion Ratio Lower Upper
97 100
83 82.6 67.7 101.5
85 54.1 43.4 65.2
99 65.4 49.4 74.0

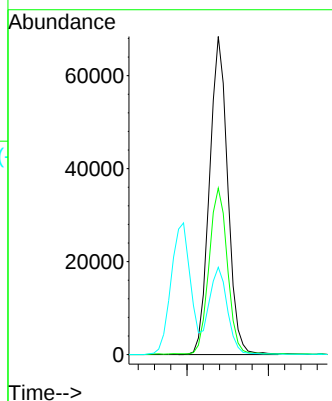
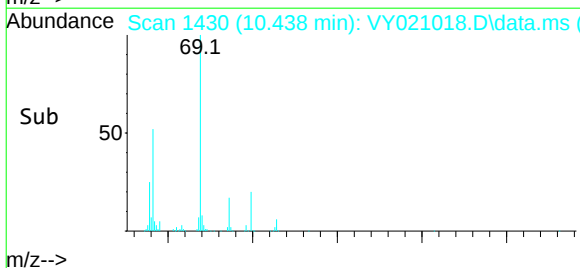
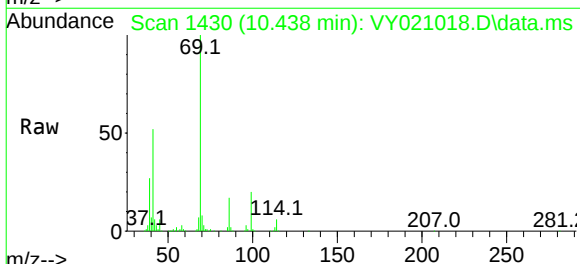
Manual Integrations
APPROVED

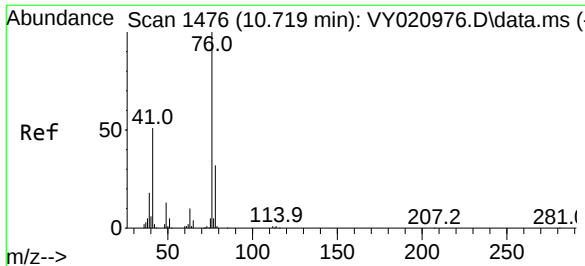
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#56
Ethyl methacrylate
Concen: 56.129 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY021018.D
Acq: 31 Jan 2025 18:26

Tgt Ion: 69 Resp: 106557
Ion Ratio Lower Upper
69 100
41 52.4 46.3 69.5
39 28.1 24.5 36.7





#57

1,3-Dichloropropane

Concen: 51.803 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021018.D

Acq: 31 Jan 2025 18:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 127520

Ion Ratio Lower Upper

76 100

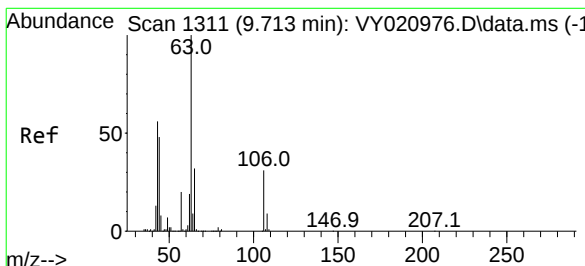
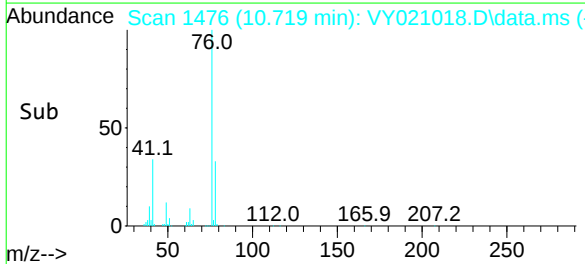
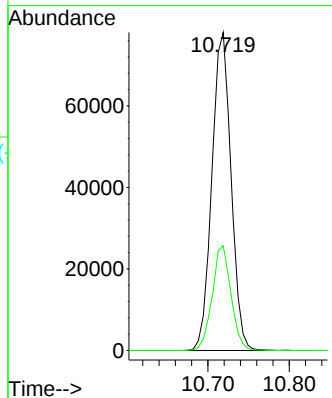
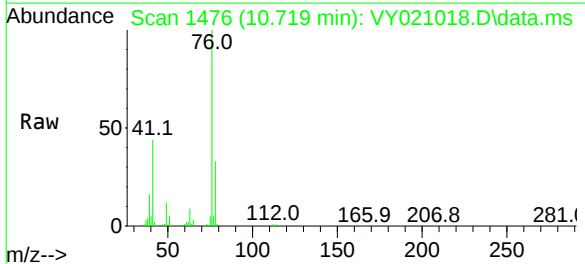
78 32.3 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/03/2025

Supervised By :Semsettin Yesilyurt 02/03/2025



#58

2-Chloroethyl Vinyl ether

Concen: 294.811 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021018.D

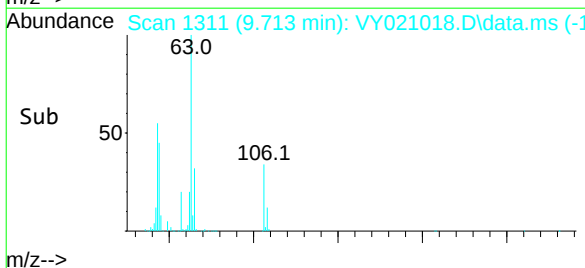
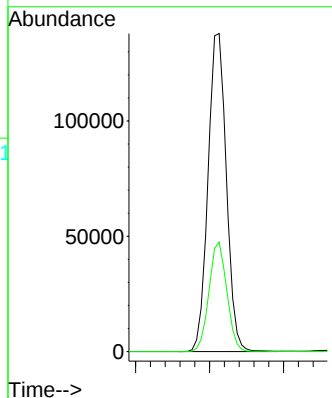
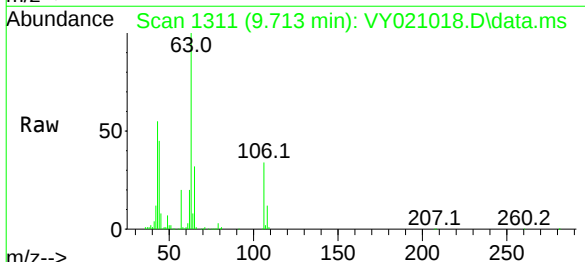
Acq: 31 Jan 2025 18:26

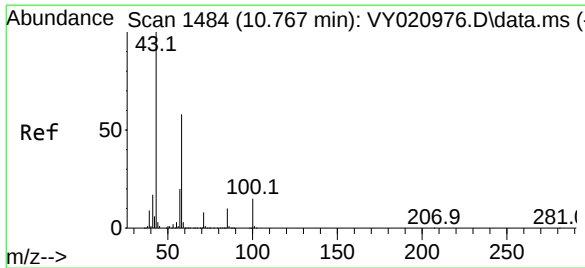
Tgt Ion: 63 Resp: 237547

Ion Ratio Lower Upper

63 100

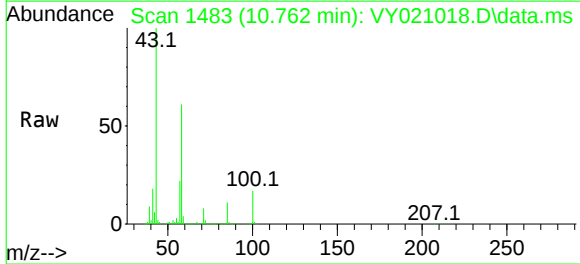
106 33.5 24.7 37.1





#59
2-Hexanone
Concen: 260.218 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.006 min
Lab File: VY021018.D
Acq: 31 Jan 2025 18:26

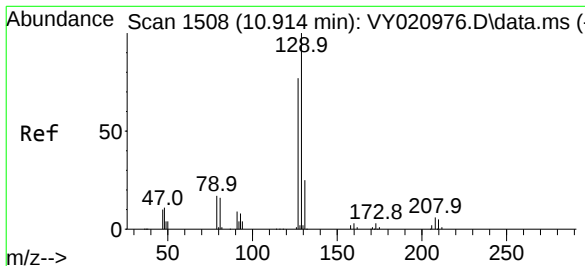
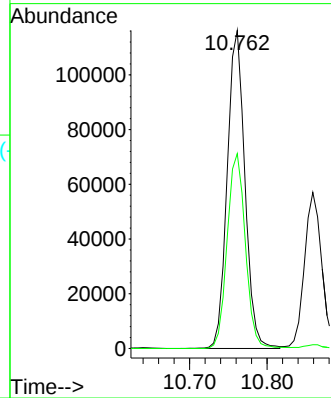
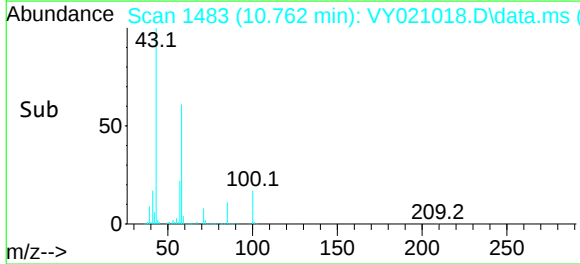
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 184194
Ion Ratio Lower Upper
43 100
58 63.0 29.8 89.3

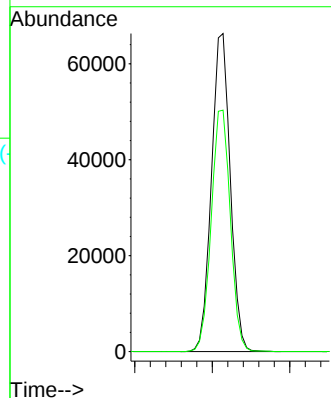
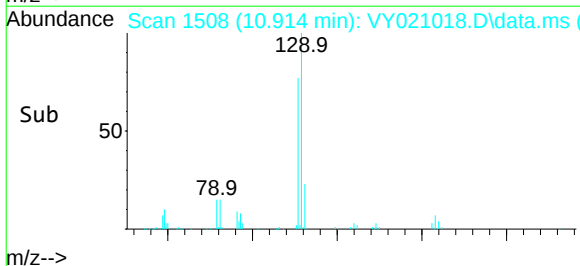
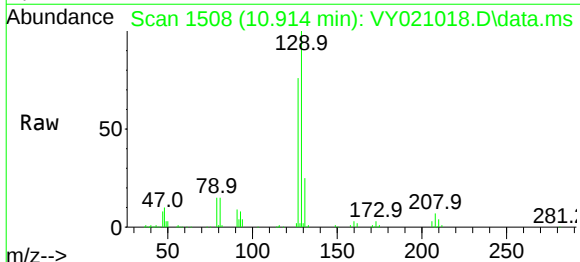
Manual Integrations
APPROVED

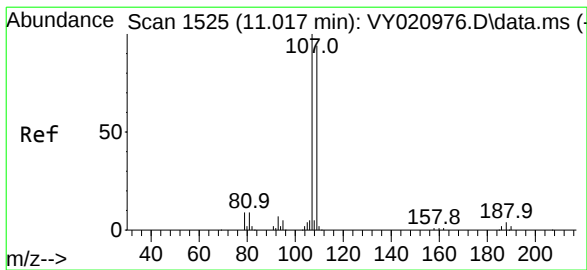
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#60
Dibromochloromethane
Concen: 54.049 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY021018.D
Acq: 31 Jan 2025 18:26

Tgt Ion:129 Resp: 111924
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.3





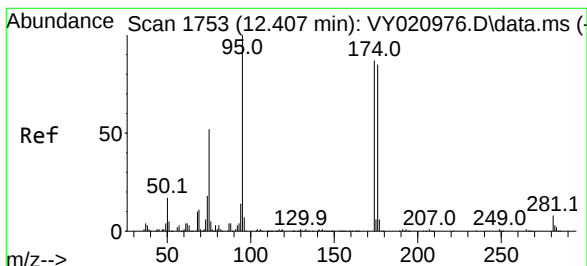
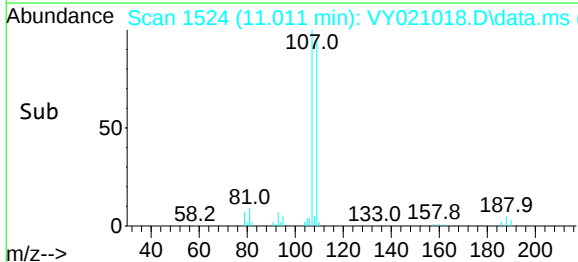
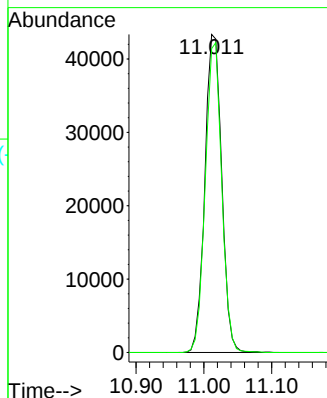
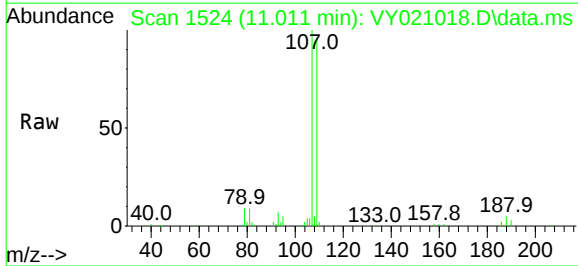
#61
1,2-Dibromoethane
Concen: 53.804 ug/l
RT: 11.011 min Scan# 1525
Delta R.T. -0.006 min
Lab File: VY021018.D
Acq: 31 Jan 2025 18:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 107 Resp: 74638
Ion Ratio Lower Upper
107 100
109 95.1 76.6 114.8

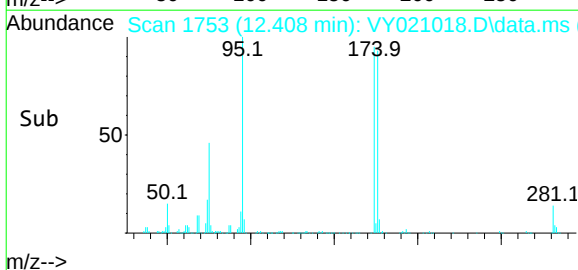
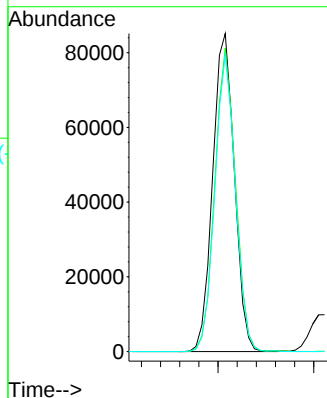
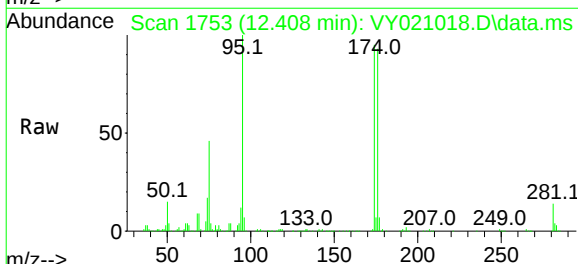
Manual Integrations
APPROVED

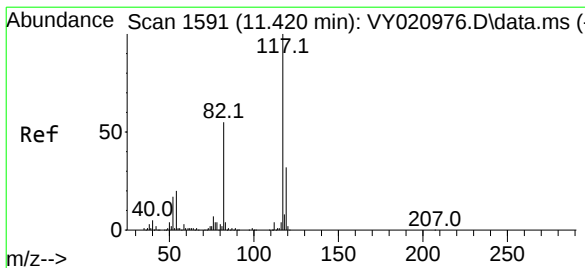
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#62
4-Bromofluorobenzene
Concen: 51.228 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021018.D
Acq: 31 Jan 2025 18:26

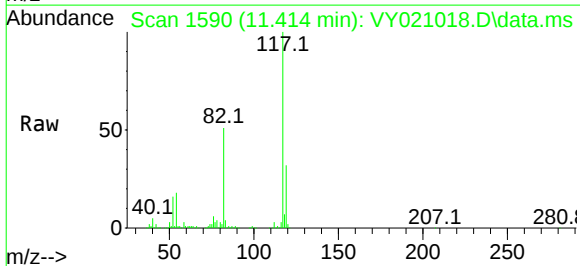
Tgt Ion: 95 Resp: 133822
Ion Ratio Lower Upper
95 100
174 91.2 0.0 181.2
176 88.4 0.0 175.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1591
Delta R.T. -0.006 min
Lab File: VY021018.D
Acq: 31 Jan 2025 18:26

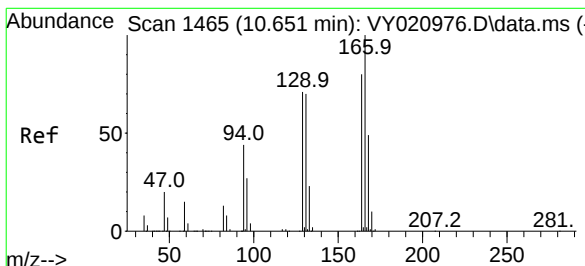
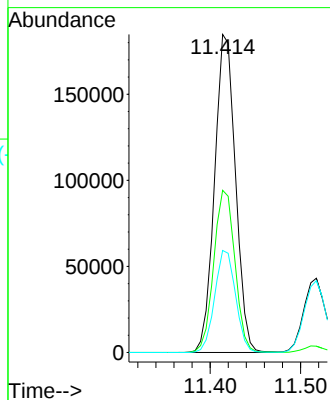
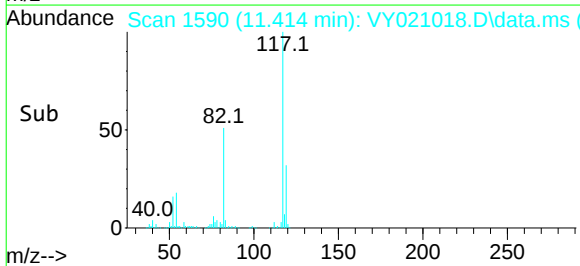
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 297319
Ion Ratio Lower Upper
117 100
82 51.0 44.2 66.2
119 32.1 25.9 38.9

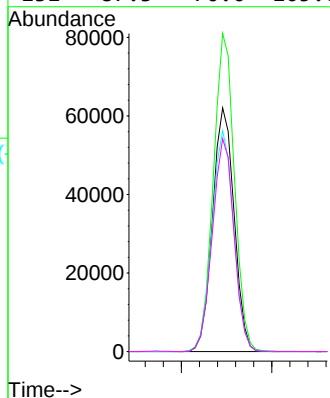
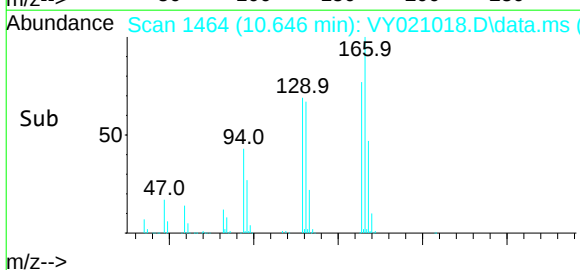
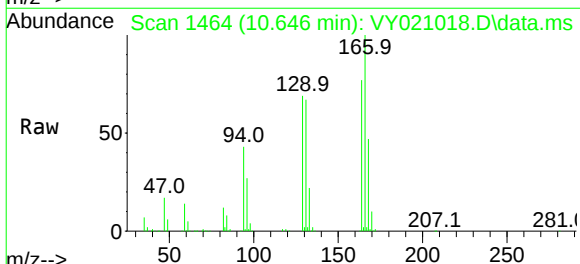
Manual Integrations
APPROVED

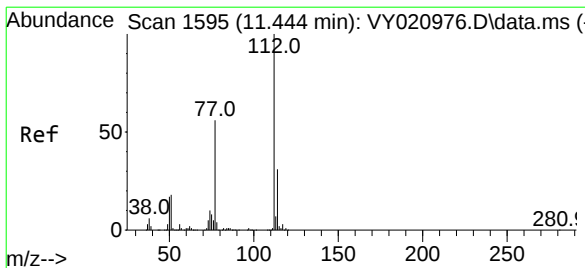
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#64
Tetrachloroethene
Concen: 45.794 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021018.D
Acq: 31 Jan 2025 18:26

Tgt Ion:164 Resp: 102706
Ion Ratio Lower Upper
164 100
166 130.5 100.4 150.6
129 90.6 70.8 106.2
131 87.3 70.0 105.0





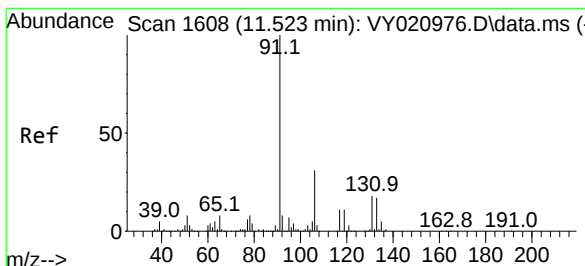
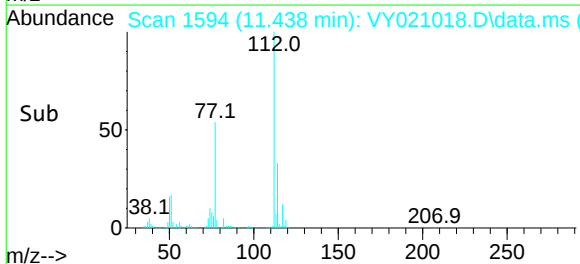
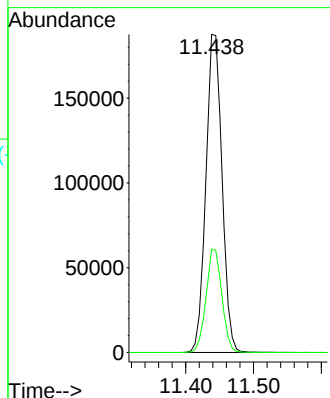
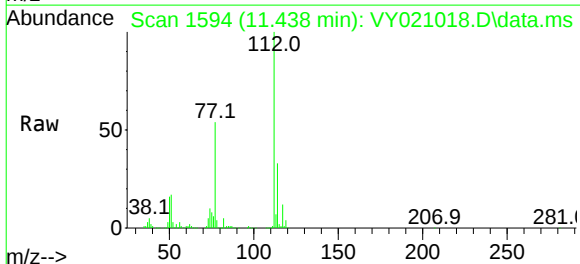
#65
Chlorobenzene
Concen: 49.465 ug/l
RT: 11.438 min Scan# 1595
Delta R.T. -0.006 min
Lab File: VY021018.D
Acq: 31 Jan 2025 18:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 309855
Ion Ratio Lower Upper
112 100
114 32.5 24.6 37.0

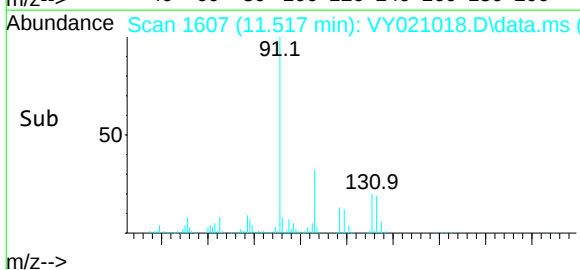
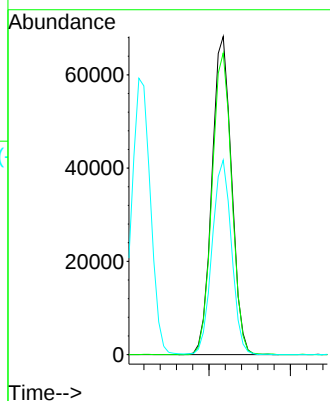
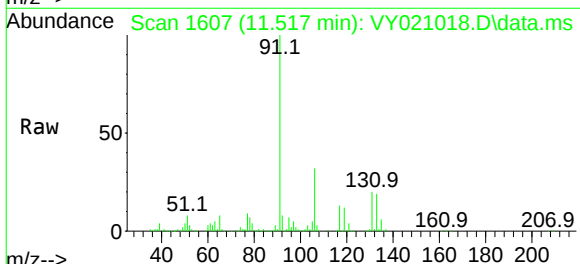
Manual Integrations
APPROVED

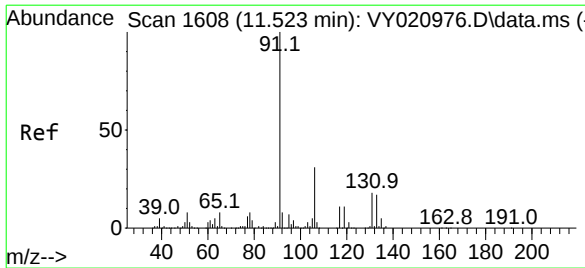
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 51.331 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY021018.D
Acq: 31 Jan 2025 18:26

Tgt Ion:131 Resp: 114120
Ion Ratio Lower Upper
131 100
133 95.2 48.7 146.1
119 60.5 31.4 94.3





#67

Ethyl Benzene

Concen: 47.509 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY021018.D

Acq: 31 Jan 2025 18:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 515281

Ion Ratio Lower Upper

91 100

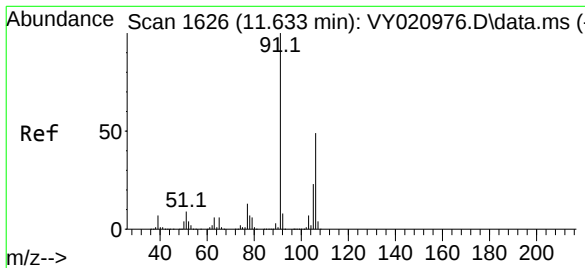
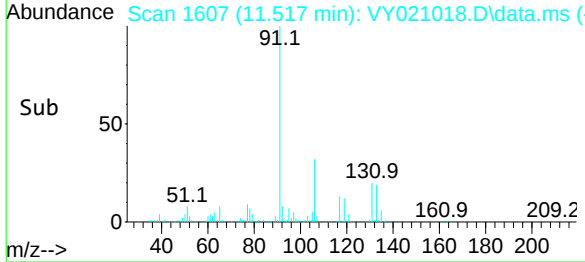
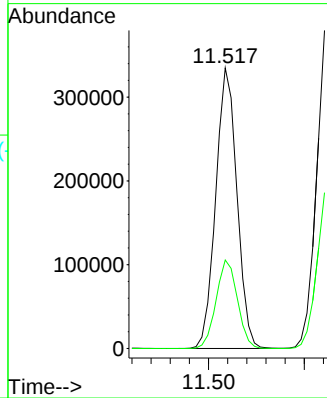
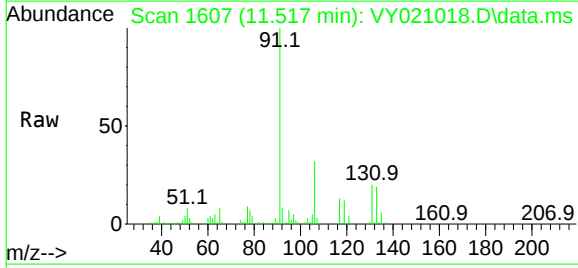
106 31.5 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/03/2025

Supervised By :Semsettin Yesilyurt 02/03/2025



#68

m/p-Xylenes

Concen: 95.875 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021018.D

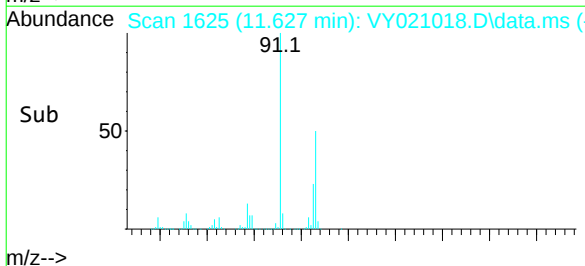
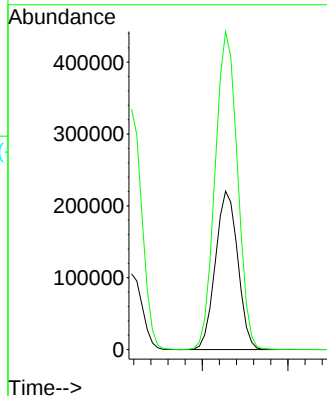
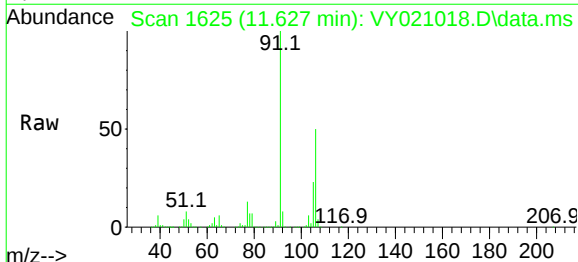
Acq: 31 Jan 2025 18:26

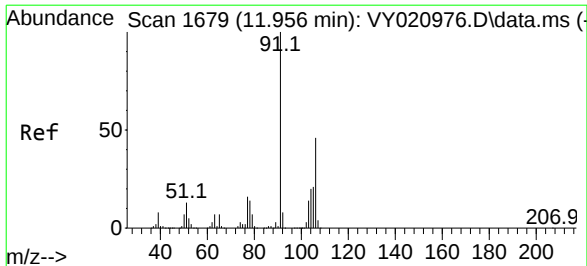
Tgt Ion:106 Resp: 399519

Ion Ratio Lower Upper

106 100

91 201.0 160.0 240.0





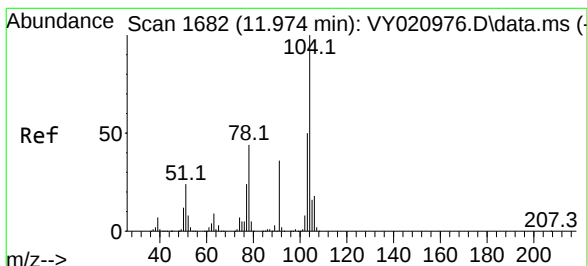
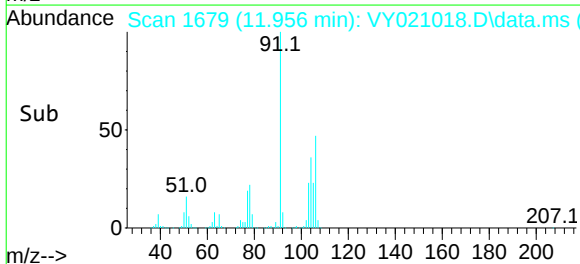
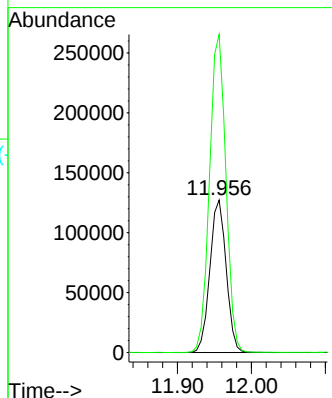
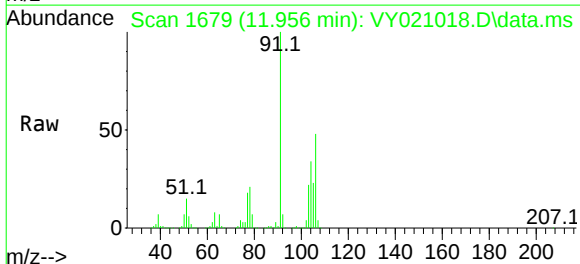
#69
o-Xylene
Concen: 50.135 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021018.D
Acq: 31 Jan 2025 18:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 194216
Ion Ratio Lower Upper
106 100
91 210.0 105.8 317.6

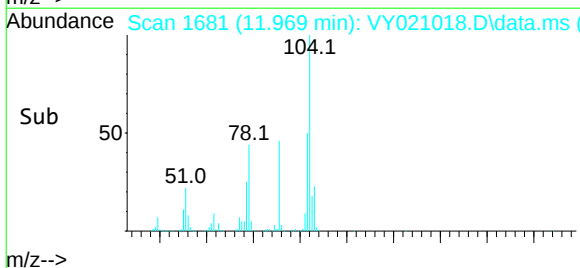
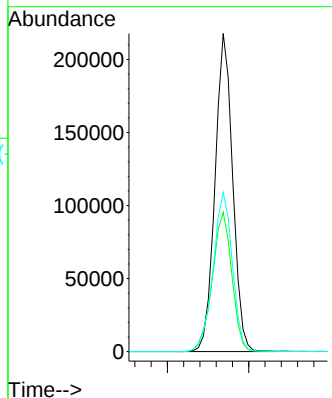
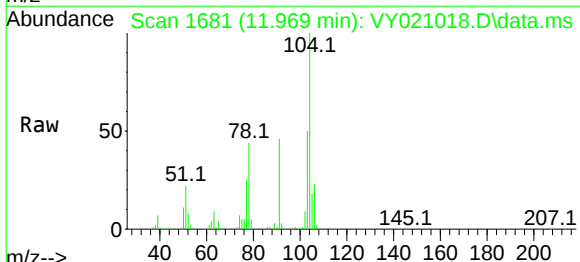
Manual Integrations
APPROVED

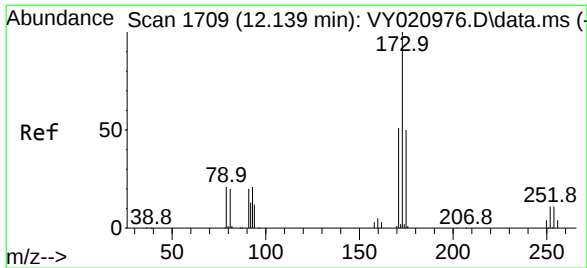
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#70
Styrene
Concen: 51.124 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VY021018.D
Acq: 31 Jan 2025 18:26

Tgt Ion:104 Resp: 328811
Ion Ratio Lower Upper
104 100
78 48.4 39.0 58.4
103 54.6 43.7 65.5





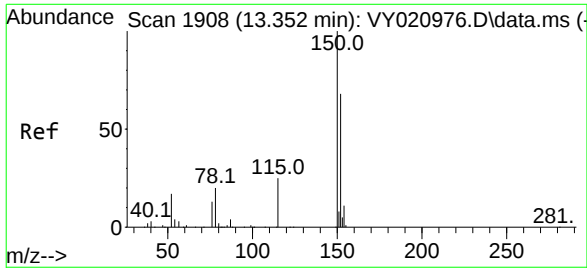
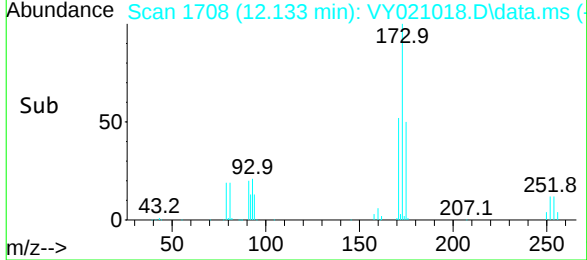
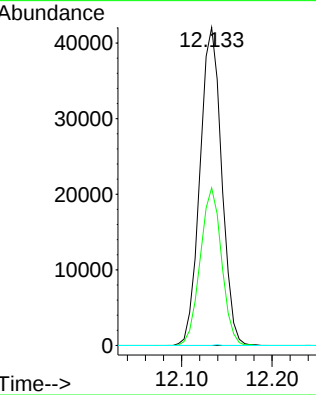
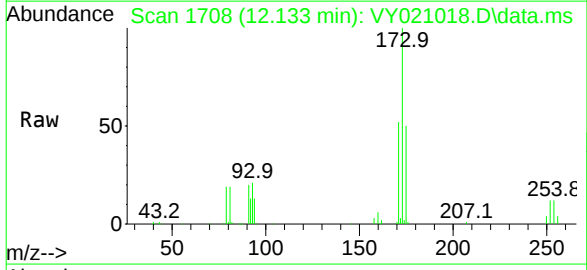
#71
Bromoform
Concen: 53.433 ug/l
RT: 12.133 min Scan# 1709
Delta R.T. -0.006 min
Lab File: VY021018.D
Acq: 31 Jan 2025 18:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.1	72.2
254	0.0	0.0	0.0

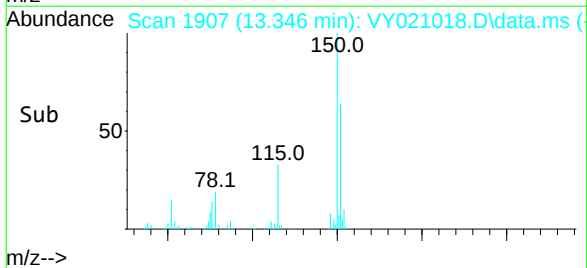
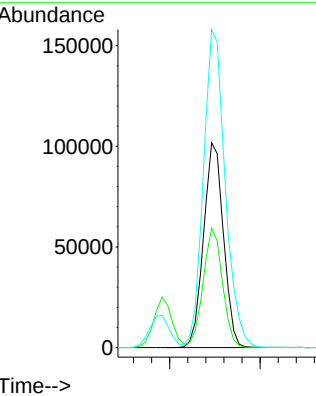
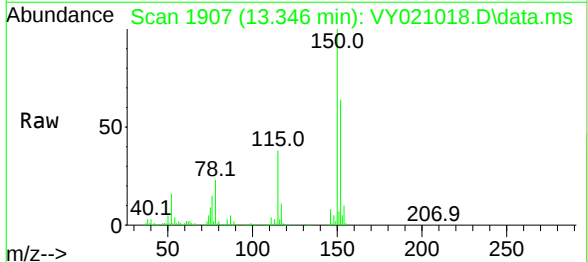
Manual Integrations
APPROVED

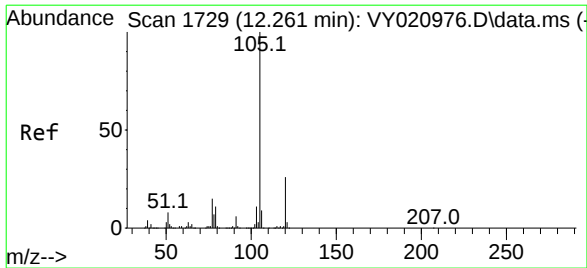
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021018.D
Acq: 31 Jan 2025 18:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.7	28.4	85.2
150	170.3	0.0	342.8





#73

Isopropylbenzene

Concen: 45.460 ug/l

RT: 12.255 min Scan# 1729

Delta R.T. -0.006 min

Lab File: VY021018.D

Acq: 31 Jan 2025 18:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 496436

Ion Ratio Lower Upper

105 100

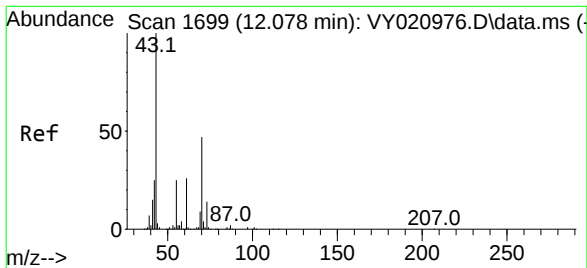
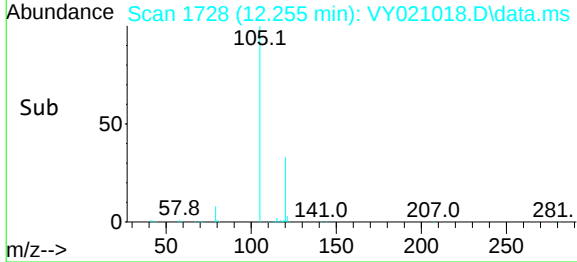
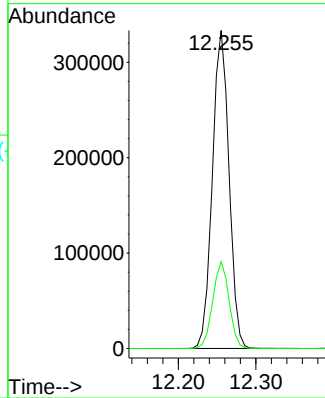
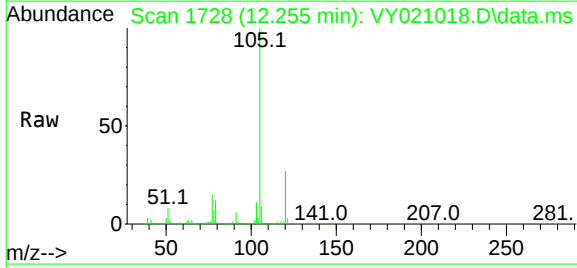
120 26.8 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/03/2025

Supervised By :Semsettin Yesilyurt 02/03/2025



#74

N-ethyl acetate

Concen: 48.584 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. -0.006 min

Lab File: VY021018.D

Acq: 31 Jan 2025 18:26

Tgt Ion: 43 Resp: 96609

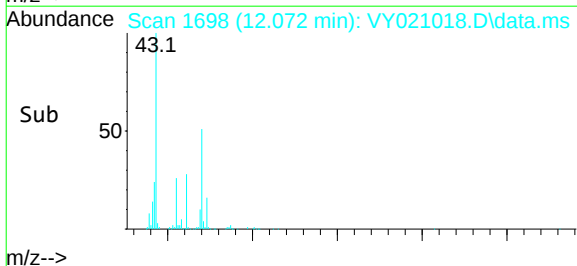
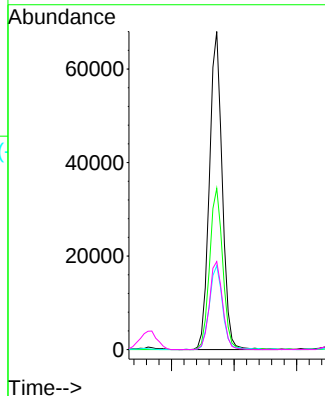
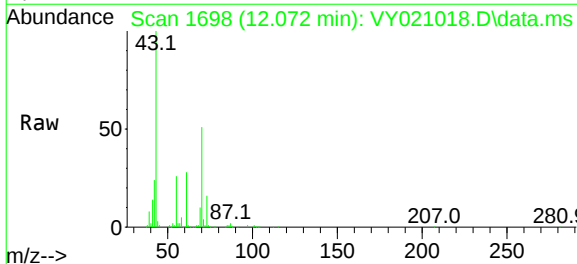
Ion Ratio Lower Upper

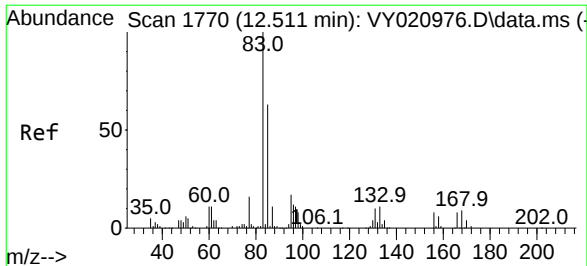
43 100

70 51.6 39.3 58.9

55 27.2 22.3 33.5

61 28.2 21.5 32.3





#75

1,1,2,2-Tetrachloroethane

Concen: 47.729 ug/l

RT: 12.505 min Scan# 1770

Delta R.T. -0.006 min

Lab File: VY021018.D

Acq: 31 Jan 2025 18:26

Instrument :

MSVOA_Y

ClientSampleId :

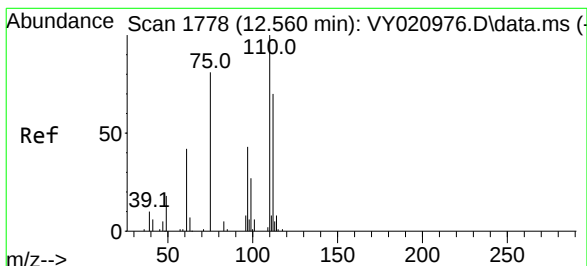
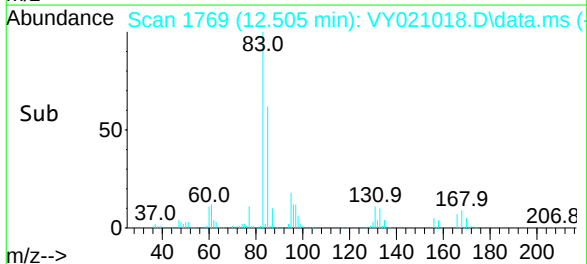
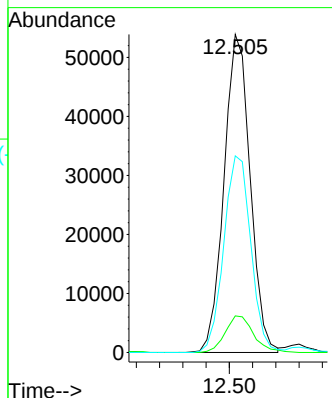
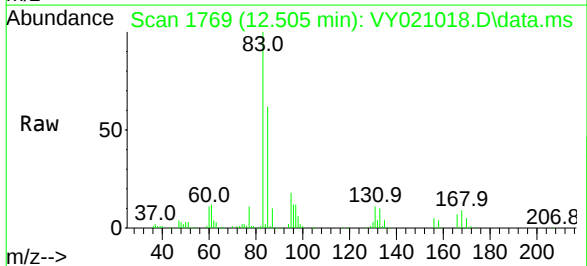
VSTDCCC050EC

Tgt Ion: 83	Resp: 84134
Ion Ratio	Lower Upper
83 100	
131 12.5	5.7 17.1
85 64.0	31.9 95.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#76

1,2,3-Trichloropropane

Concen: 50.883 ug/l m

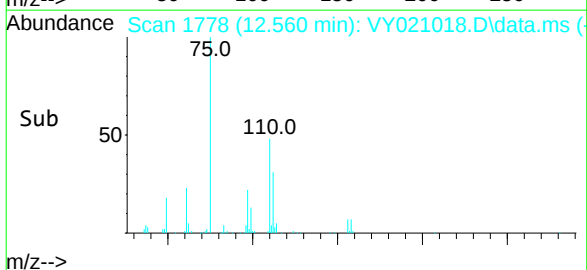
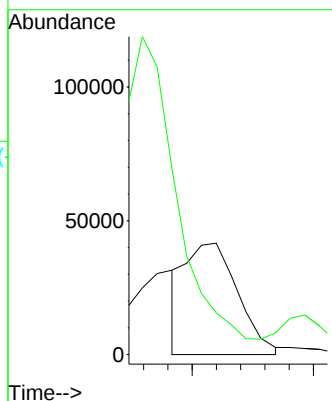
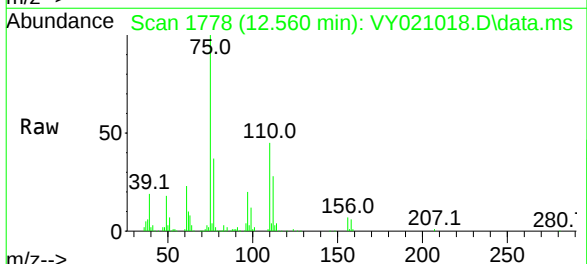
RT: 12.560 min Scan# 1778

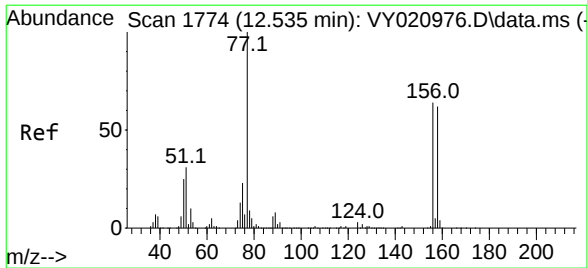
Delta R.T. 0.000 min

Lab File: VY021018.D

Acq: 31 Jan 2025 18:26

Tgt Ion: 75	Resp: 62631
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0





#77

Bromobenzene

Concen: 50.080 ug/l

RT: 12.529 min Scan# 1774

Delta R.T. -0.006 min

Lab File: VY021018.D

Acq: 31 Jan 2025 18:26

Instrument :

MSVOA_Y

ClientSampleId :

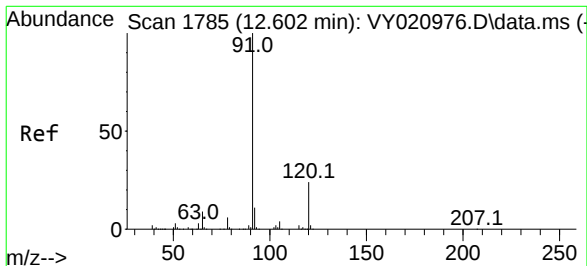
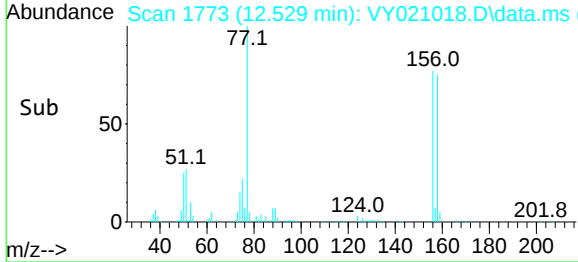
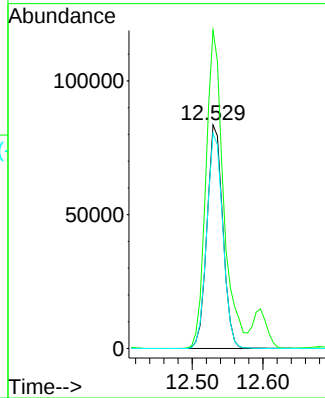
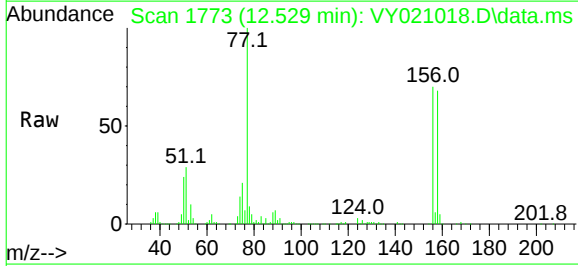
VSTDCCC050EC

Tgt	Ion:156	Resp:	129661
Ion	Ratio	Lower	Upper
156	100		
77	158.8	83.3	249.9
158	97.7	48.3	144.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#78

n-propylbenzene

Concen: 43.837 ug/l

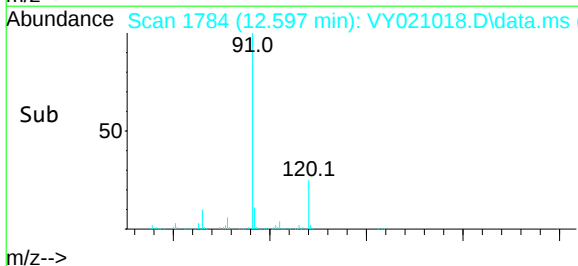
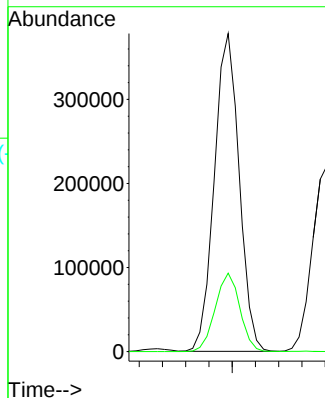
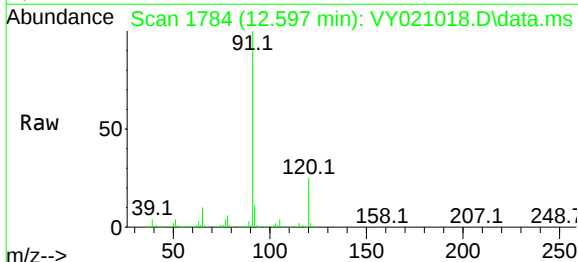
RT: 12.597 min Scan# 1784

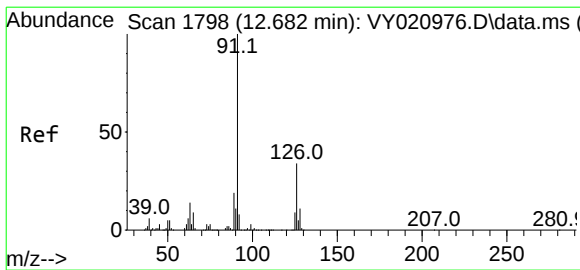
Delta R.T. -0.006 min

Lab File: VY021018.D

Acq: 31 Jan 2025 18:26

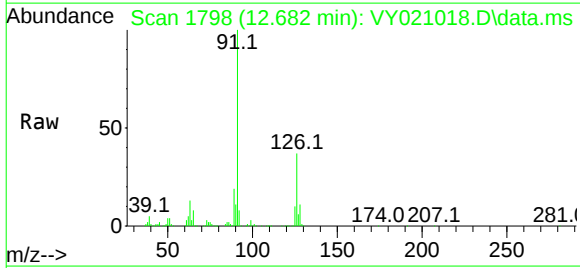
Tgt	Ion: 91	Resp:	561047
Ion	Ratio	Lower	Upper
91	100		
120	24.5	11.8	35.4





#79
 2-Chlorotoluene
 Concen: 46.641 ug/l
 RT: 12.682 min Scan# 1798
 Delta R.T. 0.000 min
 Lab File: VY021018.D
 Acq: 31 Jan 2025 18:26

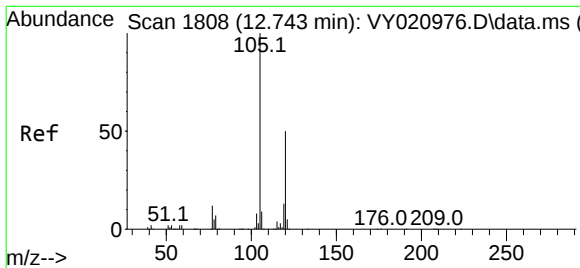
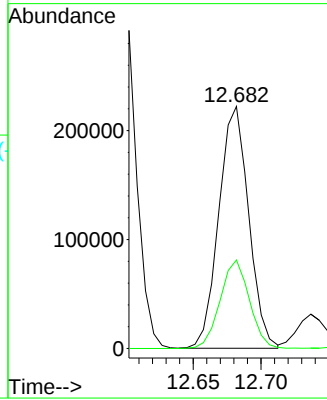
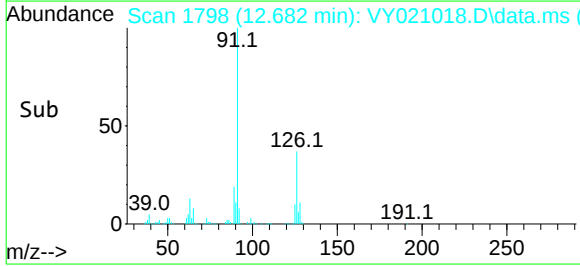
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



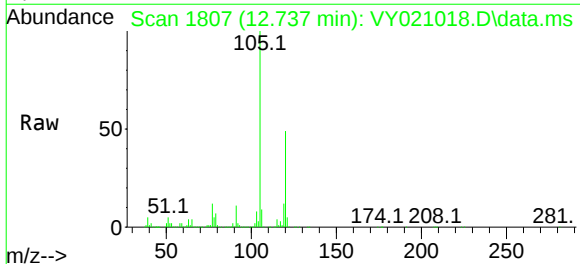
Tgt Ion: 91 Resp: 340104
 Ion Ratio Lower Upper
 91 100
 126 35.8 17.3 51.9

Manual Integrations
 APPROVED

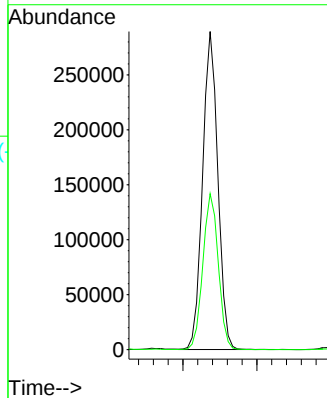
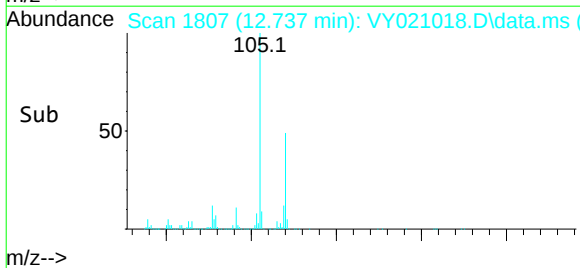
Reviewed By :Mahesh Dadoda 02/03/2025
 Supervised By :Semsettin Yesilyurt 02/03/2025

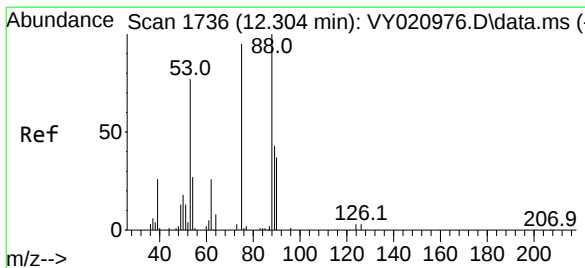


#80
 1,3,5-Trimethylbenzene
 Concen: 46.266 ug/l
 RT: 12.737 min Scan# 1807
 Delta R.T. -0.006 min
 Lab File: VY021018.D
 Acq: 31 Jan 2025 18:26



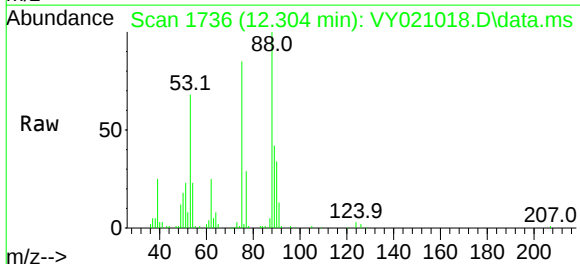
Tgt Ion:105 Resp: 413927
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 46.973 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021018.D
Acq: 31 Jan 2025 18:26

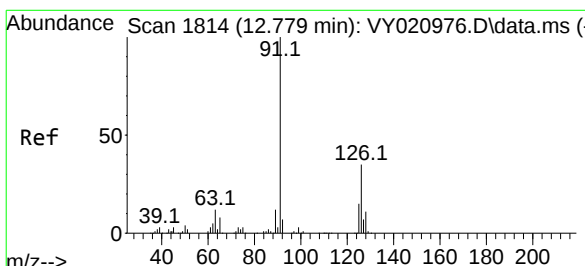
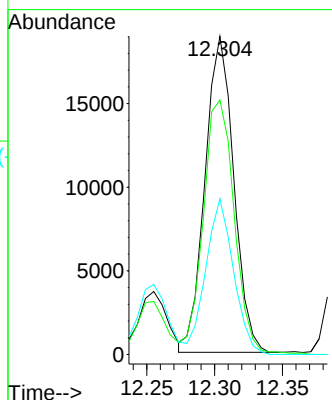
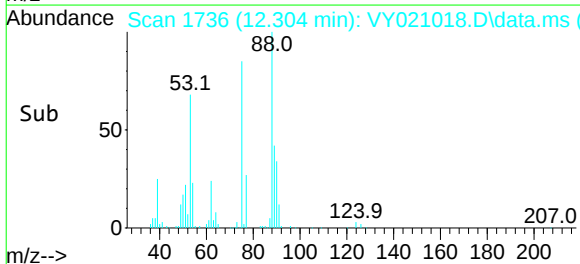
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 27853
Ion Ratio Lower Upper
75 100
53 87.1 68.6 103.0
89 47.3 38.1 57.1

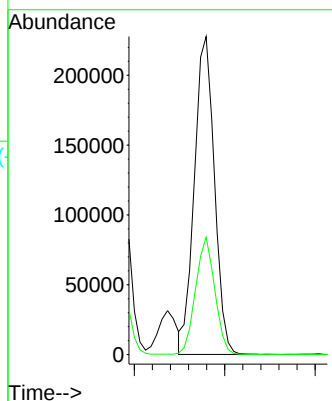
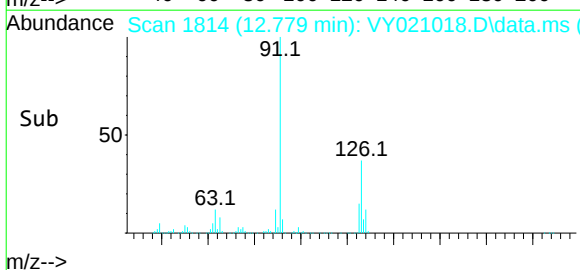
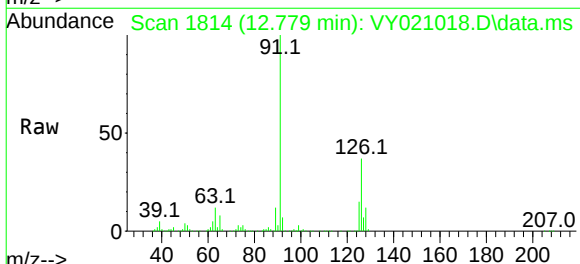
Manual Integrations
APPROVED

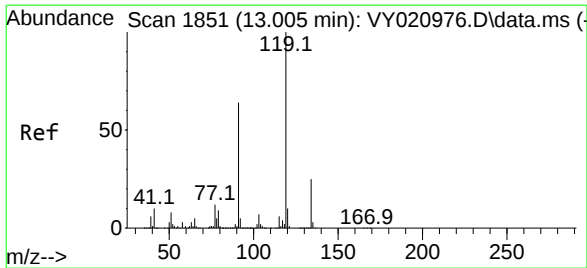
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#82
4-Chlorotoluene
Concen: 46.922 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021018.D
Acq: 31 Jan 2025 18:26

Tgt Ion: 91 Resp: 350176
Ion Ratio Lower Upper
91 100
126 35.4 17.3 52.0





#83

tert-Butylbenzene

Concen: 45.312 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.006 min

Lab File: VY021018.D

Acq: 31 Jan 2025 18:26

Instrument :

MSVOA_Y

ClientSampleId :

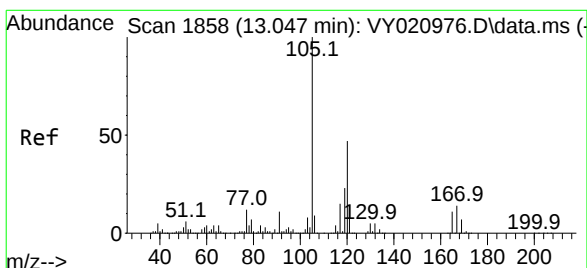
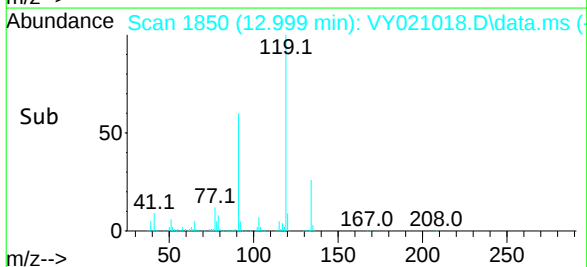
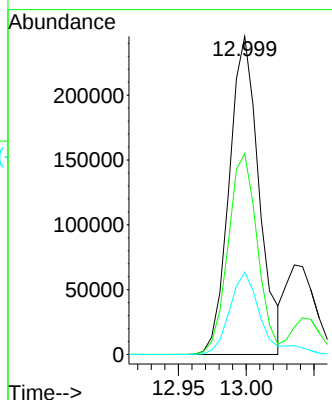
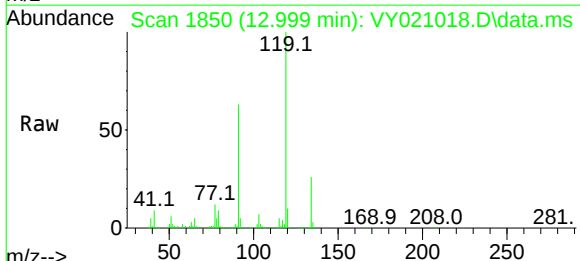
VSTDCCC050EC

Tgt Ion:	119	Resp:	375987
Ion Ratio	Lower	Upper	
119	100		
91	61.8	31.4	94.0
134	27.2	13.1	39.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#84

1,2,4-Trimethylbenzene

Concen: 47.957 ug/l

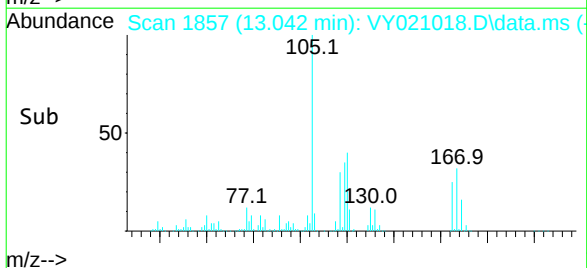
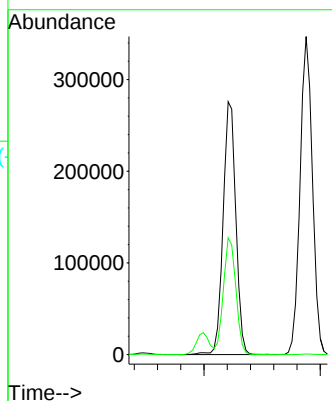
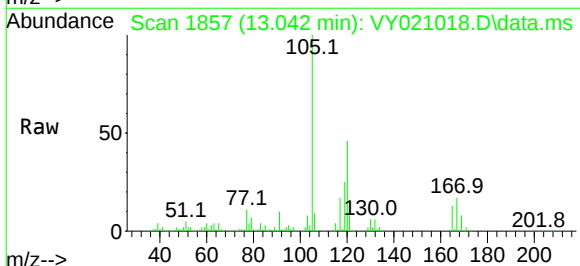
RT: 13.042 min Scan# 1857

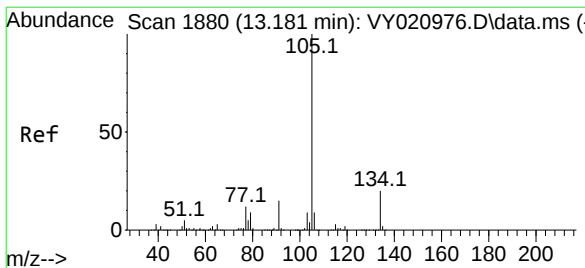
Delta R.T. -0.006 min

Lab File: VY021018.D

Acq: 31 Jan 2025 18:26

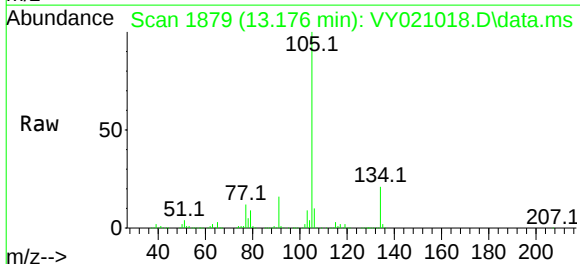
Tgt Ion:	105	Resp:	419113
Ion Ratio	Lower	Upper	
105	100		
120	45.4	22.7	68.0





#85
sec-Butylbenzene
Concen: 43.512 ug/l
RT: 13.176 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VY021018.D
Acq: 31 Jan 2025 18:26

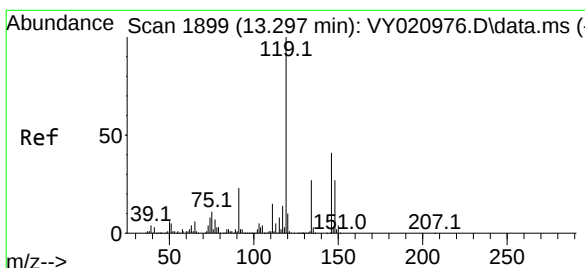
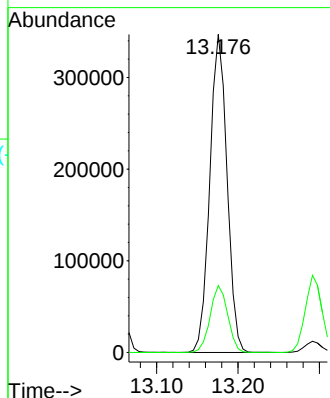
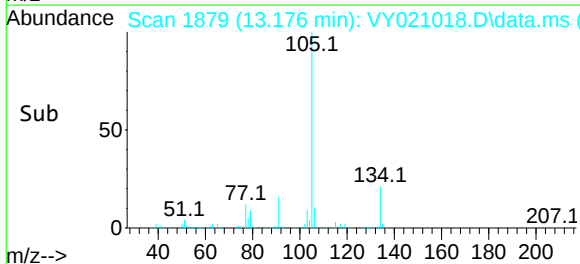
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 511160
Ion Ratio Lower Upper
105 100
134 21.4 10.3 30.8

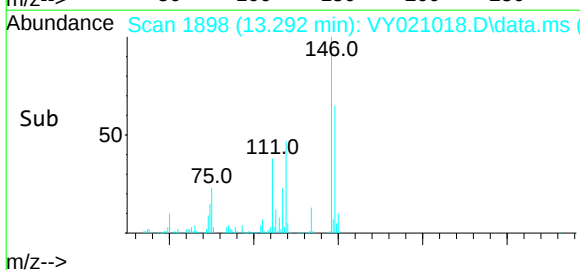
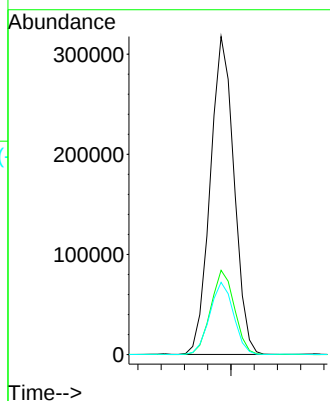
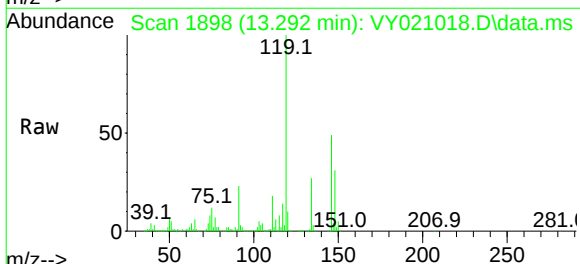
Manual Integrations
APPROVED

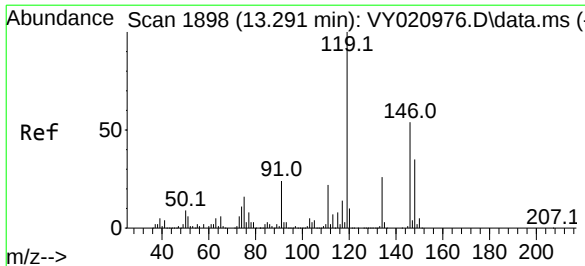
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#86
p-Isopropyltoluene
Concen: 45.659 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. -0.006 min
Lab File: VY021018.D
Acq: 31 Jan 2025 18:26

Tgt Ion:119 Resp: 450759
Ion Ratio Lower Upper
119 100
134 26.4 13.1 39.3
91 22.7 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 47.993 ug/l

RT: 13.285 min Scan# 1898

Delta R.T. -0.006 min

Lab File: VY021018.D

Acq: 31 Jan 2025 18:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 242280

Ion Ratio Lower Upper

146 100

111 38.2 19.7 59.1

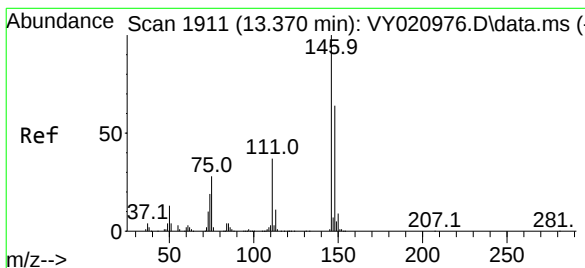
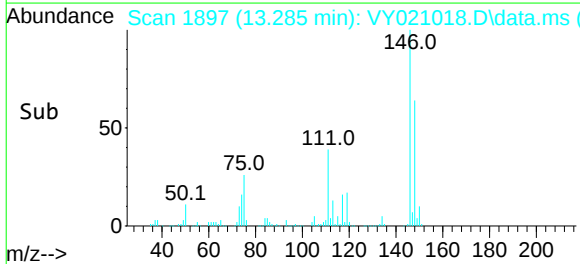
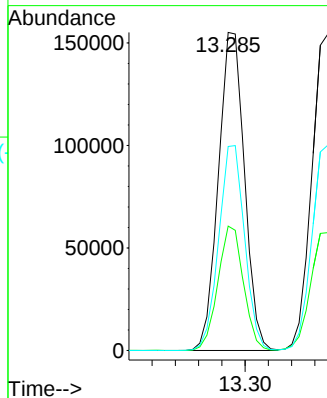
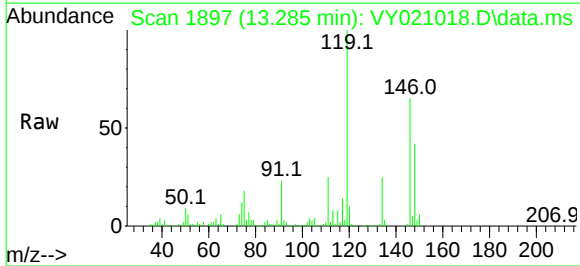
148 64.0 32.1 96.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/03/2025

Supervised By :Semsettin Yesilyurt 02/03/2025



#88

1,4-Dichlorobenzene

Concen: 47.009 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY021018.D

Acq: 31 Jan 2025 18:26

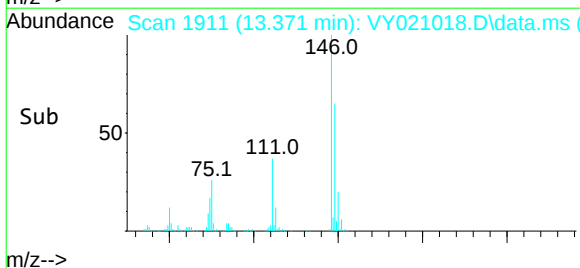
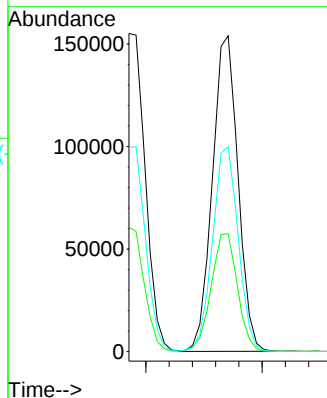
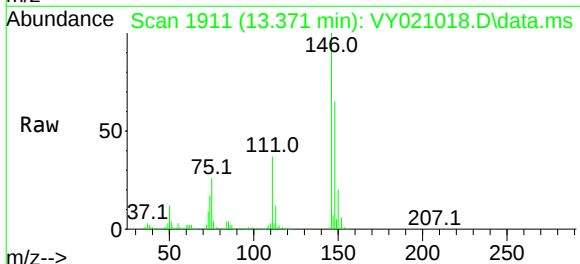
Tgt Ion:146 Resp: 235656

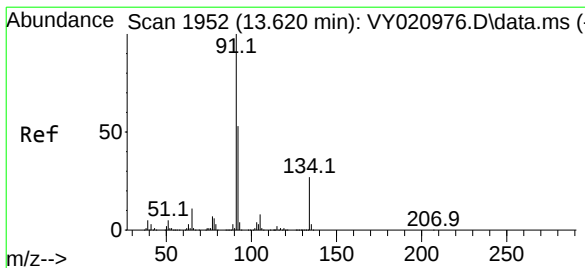
Ion Ratio Lower Upper

146 100

111 38.6 19.0 57.0

148 65.2 31.6 95.0





#89

n-Butylbenzene

Concen: 42.497 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY021018.D

Acq: 31 Jan 2025 18:26

Instrument :

MSVOA_Y

ClientSampleId :

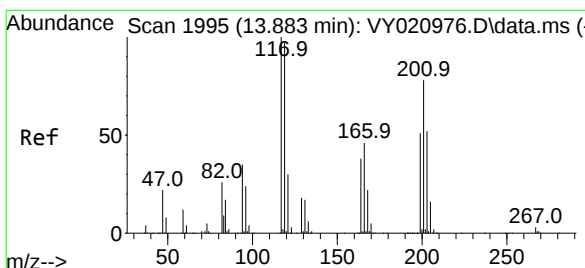
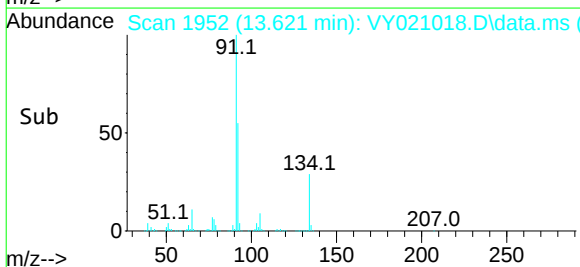
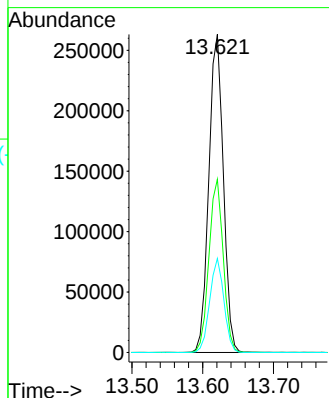
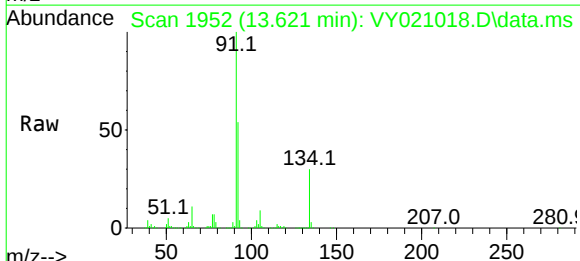
VSTDCCC050EC

Tgt Ion:	91	Resp:	375782
Ion Ratio	Lower	Upper	
91	100		
92	53.7	26.7	80.1
134	28.8	13.7	41.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#90

Hexachloroethane

Concen: 43.994 ug/l

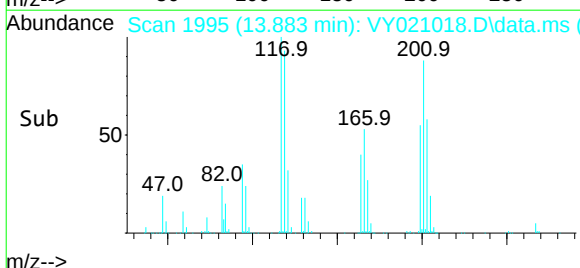
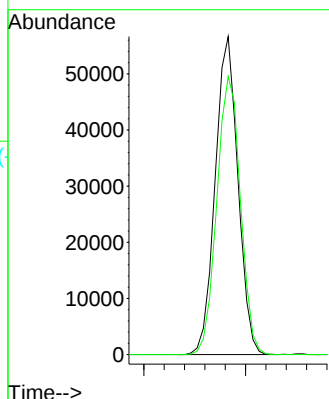
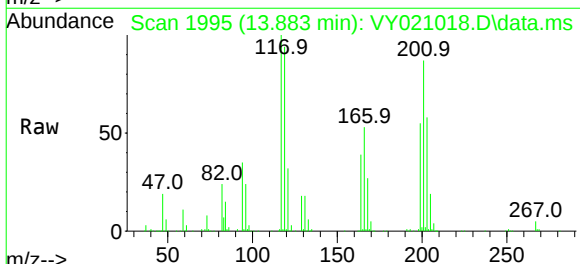
RT: 13.883 min Scan# 1995

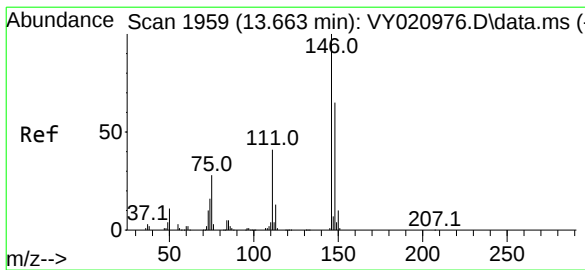
Delta R.T. 0.000 min

Lab File: VY021018.D

Acq: 31 Jan 2025 18:26

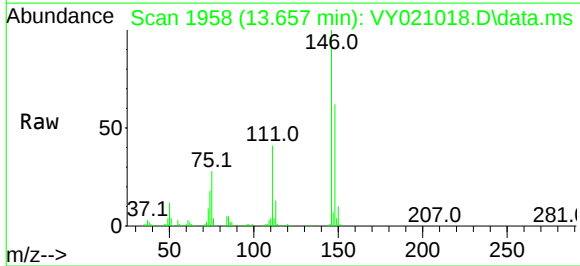
Tgt Ion:	117	Resp:	87867
Ion Ratio	Lower	Upper	
117	100		
201	90.7	42.5	127.5





#91
1,2-Dichlorobenzene
Concen: 48.832 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.006 min
Lab File: VY021018.D
Acq: 31 Jan 2025 18:26

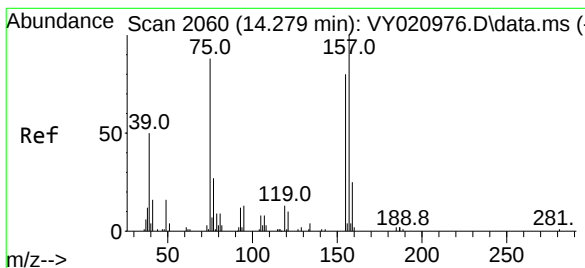
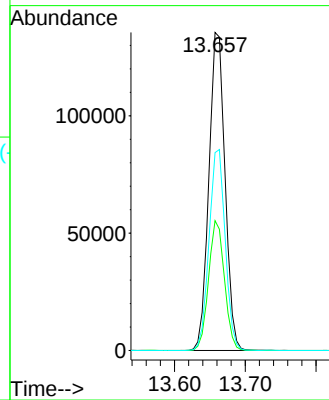
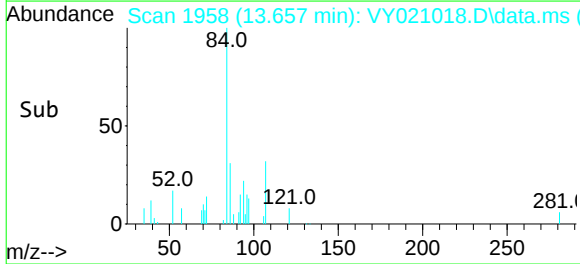
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 146 Resp: 214972
Ion Ratio Lower Upper
146 100
111 40.2 20.3 60.8
148 63.3 32.2 96.6

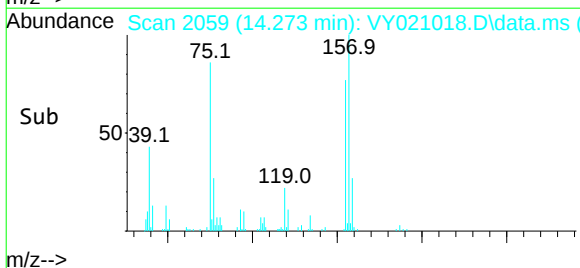
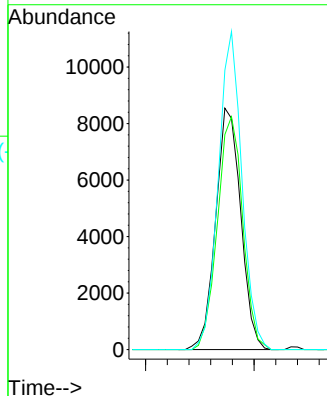
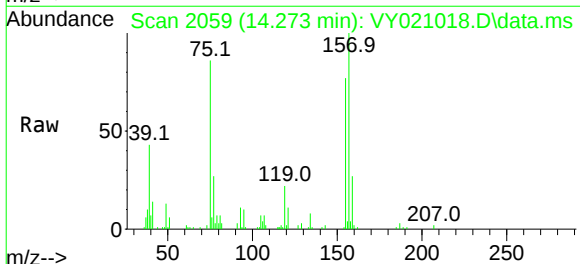
Manual Integrations
APPROVED

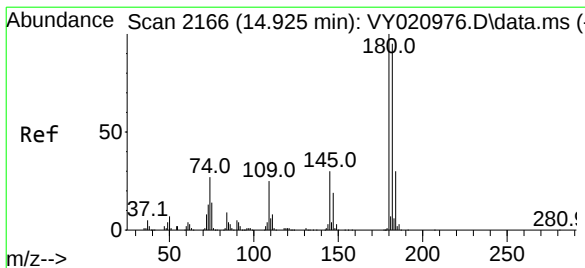
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.430 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VY021018.D
Acq: 31 Jan 2025 18:26

Tgt Ion: 75 Resp: 13686
Ion Ratio Lower Upper
75 100
155 97.5 45.9 137.6
157 124.0 59.3 177.9





#93

1,2,4-Trichlorobenzene

Concen: 49.829 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY021018.D

Acq: 31 Jan 2025 18:26

Instrument :

MSVOA_Y

ClientSampleId :

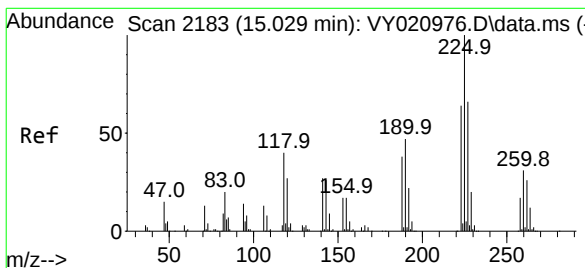
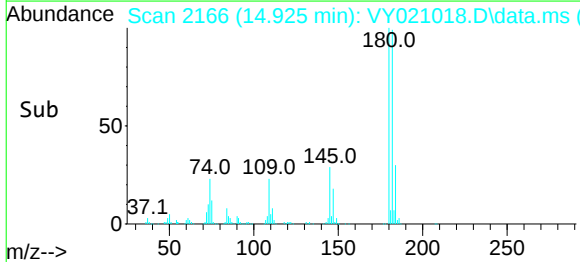
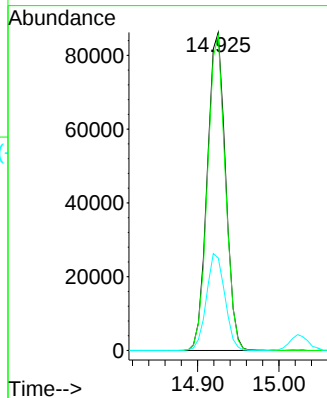
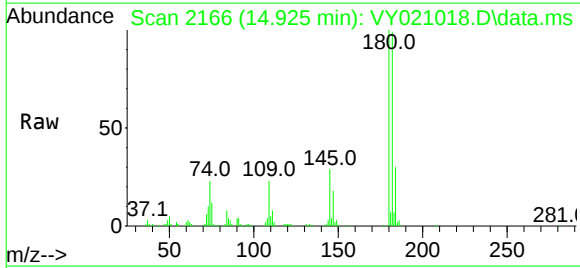
VSTDCCC050EC

Tgt Ion:	180	Resp:	134312
Ion Ratio	Lower	Upper	
180	100		
182	96.8	48.3	144.8
145	30.8	15.3	45.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#94

Hexachlorobutadiene

Concen: 44.325 ug/l

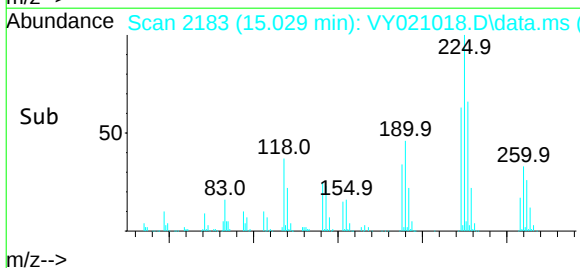
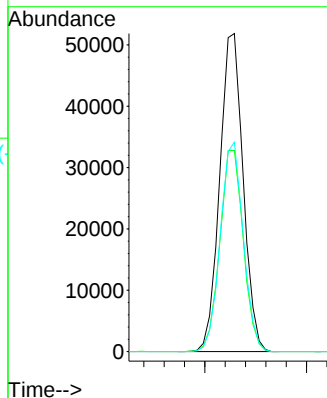
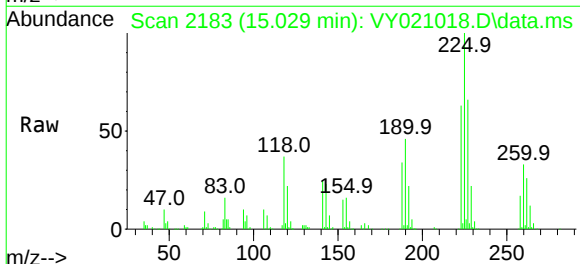
RT: 15.029 min Scan# 2183

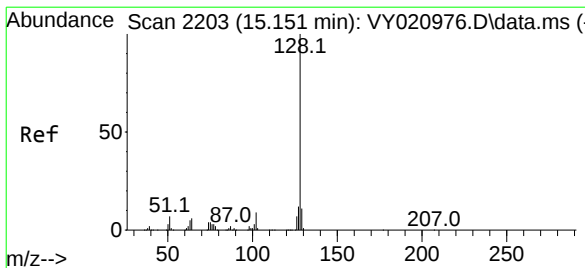
Delta R.T. 0.000 min

Lab File: VY021018.D

Acq: 31 Jan 2025 18:26

Tgt Ion:	225	Resp:	82749
Ion Ratio	Lower	Upper	
225	100		
223	63.5	31.4	94.2
227	64.8	31.8	95.3





#95

Naphthalene

Concen: 48.923 ug/l

RT: 15.145 min Scan# 2203

Delta R.T. -0.006 min

Lab File: VY021018.D

Acq: 31 Jan 2025 18:26

Instrument :

MSVOA_Y

ClientSampleId :

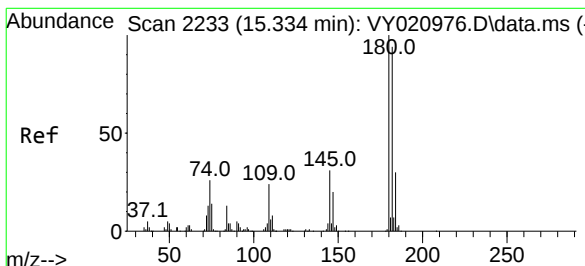
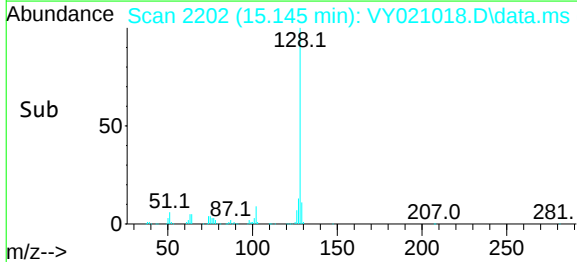
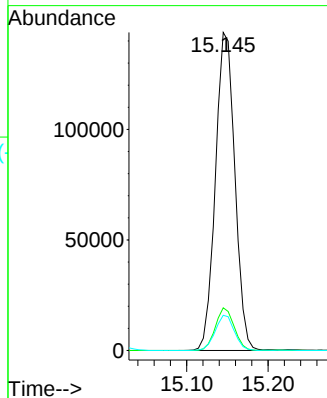
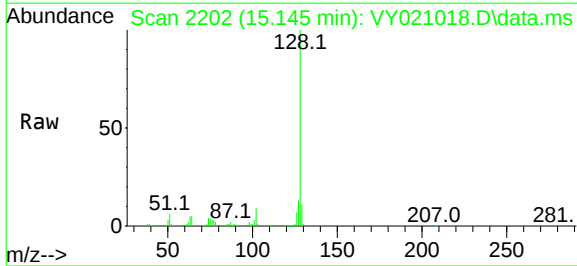
VSTDCCC050EC

Tgt Ion:	128	Resp:	238961
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.2	15.4
129	11.0	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#96

1,2,3-Trichlorobenzene

Concen: 45.768 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY021018.D

Acq: 31 Jan 2025 18:26

Tgt Ion:	180	Resp:	118061
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.7	143.1
145	31.7	15.6	46.7

