

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011525\
 Data File : VY020830.D
 Acq On : 15 Jan 2025 11:27
 Operator : SY/MD
 Sample : VY0115SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0115SBSD01

Quant Time: Jan 16 00:57:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.720	168	216032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	319227	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	266523	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	134605	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	93370	50.850	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.700%			
35) Dibromofluoromethane	7.646	113	98344	49.174	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.340%			
50) Toluene-d8	10.115	98	379176	54.387	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.780%			
62) 4-Bromofluorobenzene	12.414	95	126051	48.960	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 97.920%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	28132	17.744	ug/l	94
3) Chloromethane	2.074	50	16655	19.951	ug/l	97
4) Vinyl Chloride	2.214	62	19647	21.171	ug/l	98
5) Bromomethane	2.605	94	12625	19.101	ug/l	100
6) Chloroethane	2.745	64	11827	20.665	ug/l	99
7) Trichlorofluoromethane	3.068	101	53086	18.639	ug/l	96
8) Diethyl Ether	3.470	74	17313	19.438	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.830	101	38081	19.799	ug/l	98
10) Methyl Iodide	4.019	142	38483	18.670	ug/l	95
11) Tert butyl alcohol	4.879	59	14040	101.191	ug/l #	85
12) 1,1-Dichloroethene	3.806	96	32642	19.376	ug/l	94
13) Acrolein	3.665	56	5617	144.156	ug/l	93
14) Allyl chloride	4.403	41	48485	19.949	ug/l	94
15) Acrylonitrile	5.074	53	38642	102.081	ug/l	98
16) Acetone	3.885	43	26635	102.006	ug/l	99
17) Carbon Disulfide	4.117	76	62200	17.019	ug/l	98
18) Methyl Acetate	4.403	43	19222	21.803	ug/l	95
19) Methyl tert-butyl Ether	5.129	73	89644	18.855	ug/l	97
20) Methylene Chloride	4.629	84	34752	19.272	ug/l	99
21) trans-1,2-Dichloroethene	5.135	96	35098	18.918	ug/l	94
22) Diisopropyl ether	6.031	45	109358	21.122	ug/l	95
23) Vinyl Acetate	5.970	43	294103	103.023	ug/l	96
24) 1,1-Dichloroethane	5.927	63	67432	19.740	ug/l	99
25) 2-Butanone	6.909	43	44353	103.406	ug/l	99
26) 2,2-Dichloropropane	6.897	77	67566	19.051	ug/l	99
27) cis-1,2-Dichloroethene	6.903	96	44585	19.047	ug/l	98
28) Bromochloromethane	7.256	49	16037	17.399	ug/l	92
29) Tetrahydrofuran	7.274	42	28828	105.214	ug/l	95
30) Chloroform	7.433	83	75346	19.342	ug/l	98
31) Cyclohexane	7.707	56	51584	19.306	ug/l	94
32) 1,1,1-Trichloroethane	7.628	97	71257	18.753	ug/l	99
36) 1,1-Dichloropropene	7.841	75	49515	19.411	ug/l	99
37) Ethyl Acetate	7.000	43	20878	20.567	ug/l	99
38) Carbon Tetrachloride	7.829	117	65228	18.370	ug/l	99
39) Methylcyclohexane	9.116	83	59955	19.153	ug/l	95
40) Benzene	8.091	78	153377	19.591	ug/l	98

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 Supervised By :Semsettin Yesilyurt 01/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	13119	22.566	ug/l	92
42) 1,2-Dichloroethane	8.165	62	40130	18.770	ug/l	99
43) Isopropyl Acetate	8.207	43	42470	20.569	ug/l	99
44) Trichloroethene	8.872	130	41291	18.919	ug/l	95
45) 1,2-Dichloropropane	9.146	63	35724	20.128	ug/l	98
46) Dibromomethane	9.238	93	20178	19.798	ug/l	98
47) Bromodichloromethane	9.427	83	56928	19.503	ug/l	99
48) Methyl methacrylate	9.225	41	18841	20.354	ug/l	97
49) 1,4-Dioxane	9.238	88	4507	416.500	ug/l	94
51) 4-Methyl-2-Pentanone	10.006	43	109203	105.866	ug/l	99
52) Toluene	10.176	92	100817	19.446	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	50396	19.412	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	59432	19.712	ug/l	98
55) 1,1,2-Trichloroethane	10.579	97	29104	19.988	ug/l	93
56) Ethyl methacrylate	10.445	69	36582	19.894	ug/l	99
57) 1,3-Dichloropropane	10.725	76	48680	20.511	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	69426	95.170	ug/l	98
59) 2-Hexanone	10.768	43	70148	106.001	ug/l	98
60) Dibromochloromethane	10.920	129	41775	19.782	ug/l	99
61) 1,2-Dibromoethane	11.024	107	26181	20.028	ug/l	99
64) Tetrachloroethene	10.652	164	37180	18.974	ug/l	98
65) Chlorobenzene	11.451	112	115268	19.561	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.524	131	44330	19.761	ug/l	100
67) Ethyl Benzene	11.524	91	200122	19.615	ug/l	100
68) m/p-Xylenes	11.633	106	151091	38.465	ug/l	99
69) o-Xylene	11.963	106	72310	19.415	ug/l	99
70) Styrene	11.975	104	122433	19.529	ug/l	100
71) Bromoform	12.139	173	25186	19.749	ug/l #	99
73) Isopropylbenzene	12.261	105	201270	18.848	ug/l	99
74) N-amyl acetate	12.079	43	35270	20.192	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	32884	20.318	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	22831m	19.385	ug/l	
77) Bromobenzene	12.536	156	46728	18.980	ug/l	96
78) n-propylbenzene	12.603	91	236384	19.503	ug/l	99
79) 2-Chlorotoluene	12.688	91	134160	19.221	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	165709	19.148	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	10922	19.553	ug/l	99
82) 4-Chlorotoluene	12.786	91	137666	19.112	ug/l	99
83) tert-Butylbenzene	13.005	119	156457	19.330	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	160972	19.048	ug/l	100
85) sec-Butylbenzene	13.182	105	220576	19.510	ug/l	99
86) p-Isopropyltoluene	13.298	119	185347	19.218	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	92197	19.273	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	91120	19.350	ug/l	99
89) n-Butylbenzene	13.627	91	164425	19.651	ug/l	99
90) Hexachloroethane	13.889	117	36634	18.917	ug/l	100
91) 1,2-Dichlorobenzene	13.664	146	82274	19.670	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	5029	19.217	ug/l	96
93) 1,2,4-Trichlorobenzene	14.932	180	47374	19.681	ug/l	99
94) Hexachlorobutadiene	15.029	225	33697	19.857	ug/l	99
95) Naphthalene	15.151	128	77851	19.651	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	41461	20.559	ug/l	96

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ClientSampleId :
VY0115SBSD01

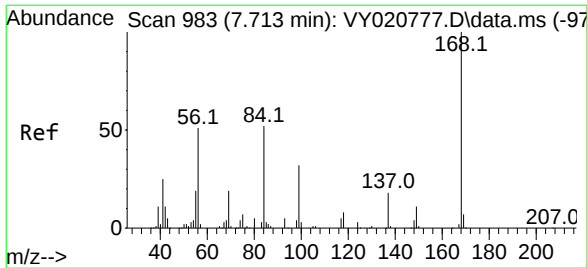
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 01/16/2025

Quant Time: Jan 16 00:57:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
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QLast Update : Tue Jan 07 01:31:46 2025
Response via : Initial Calibration

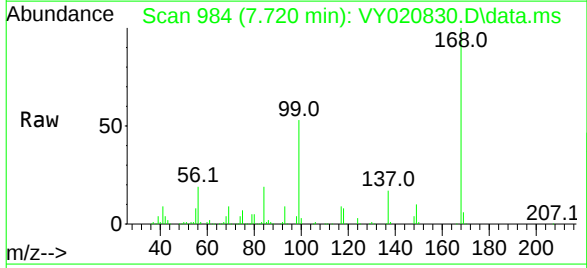
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 98
Delta R.T. 0.007 min
Lab File: VY020830.D
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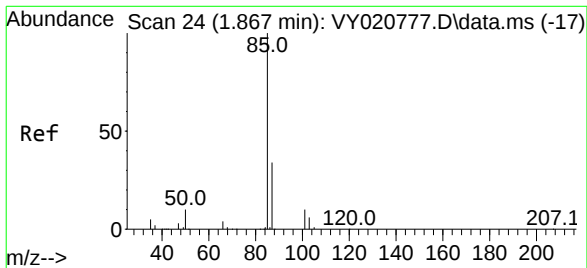
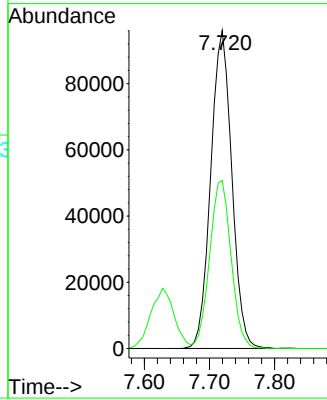
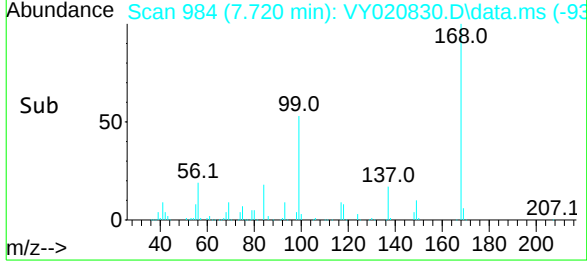
Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBSD01



Tgt Ion:168 Resp: 216032
Ion Ratio Lower Upper
168 100
99 52.8 44.3 66.5

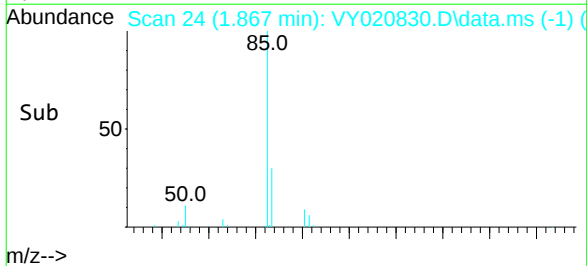
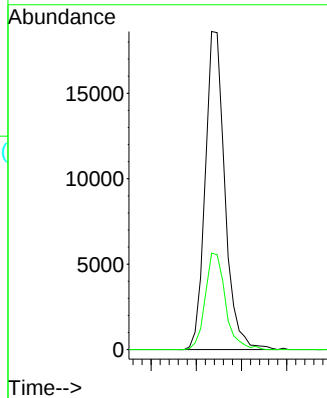
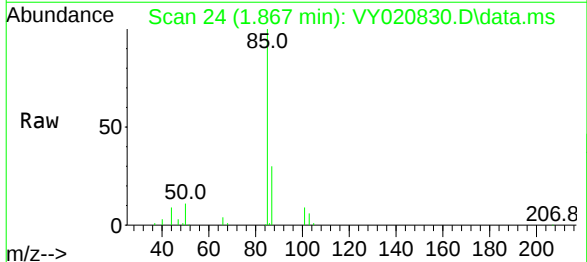
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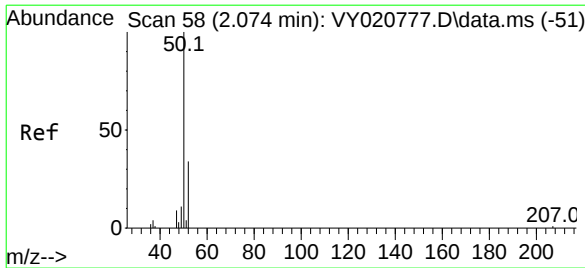
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#2
Dichlorodifluoromethane
Concen: 17.744 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

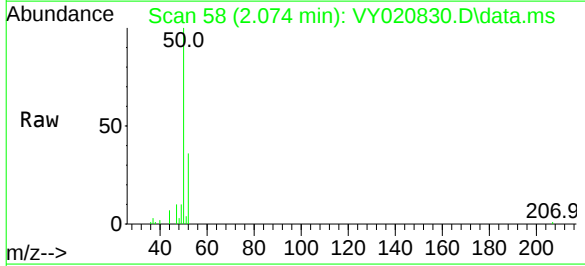
Tgt Ion: 85 Resp: 28132
Ion Ratio Lower Upper
85 100
87 30.3 16.9 50.6





#3
Chloromethane
Concen: 19.951 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.000 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

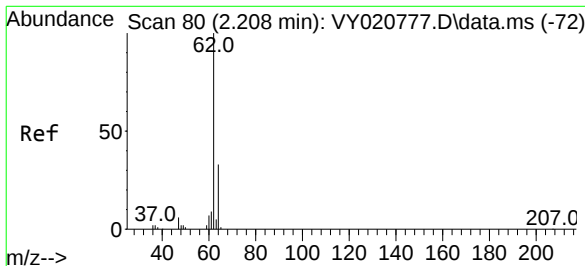
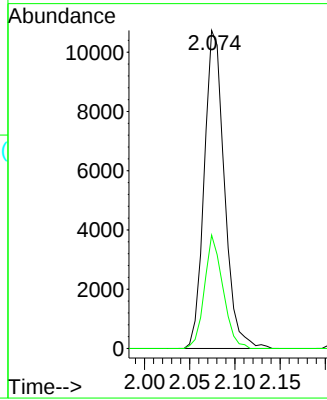
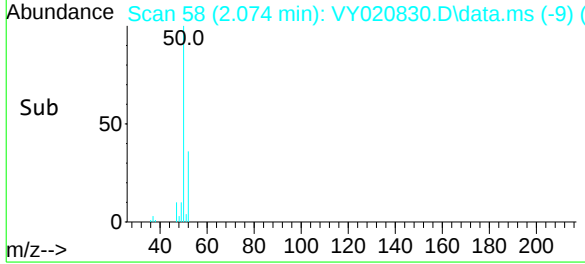
Instrument :
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ClientSampleId :
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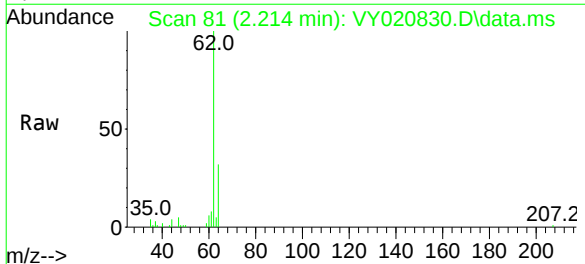
Tgt Ion: 50 Resp: 16655
Ion Ratio Lower Upper
50 100
52 35.7 27.3 40.9

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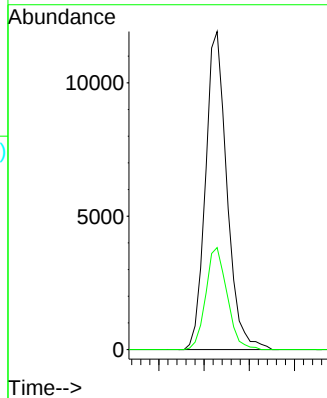
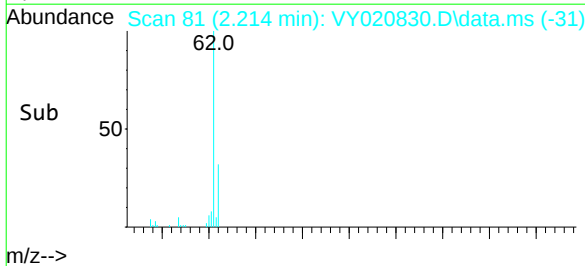
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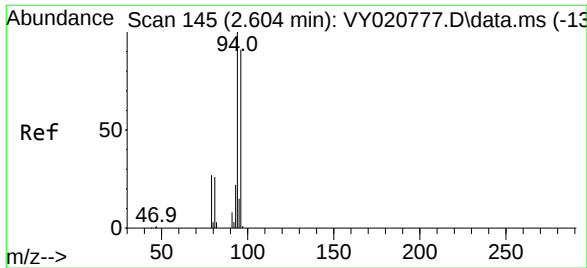


#4
Vinyl Chloride
Concen: 21.171 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27



Tgt Ion: 62 Resp: 19647
Ion Ratio Lower Upper
62 100
64 32.1 26.6 39.8





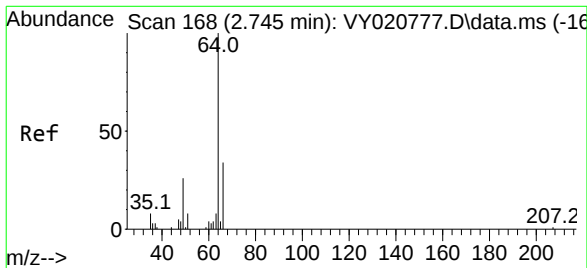
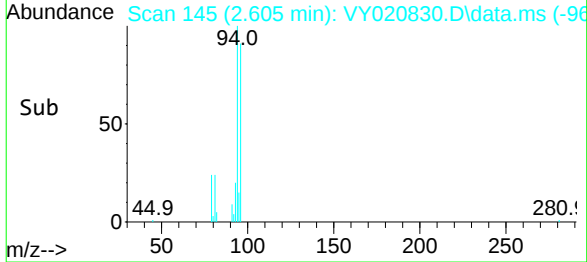
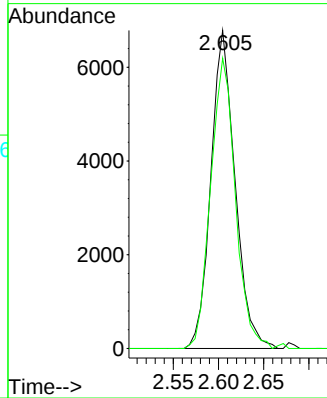
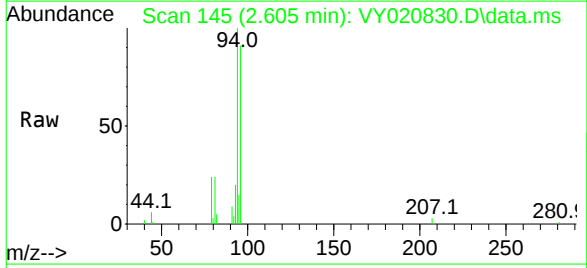
#5
Bromomethane
Concen: 19.101 ug/l
RT: 2.605 min Scan# 145
Delta R.T. 0.000 min
Lab File: VY020830.D
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Tgt Ion: 94 Resp: 12625
Ion Ratio Lower Upper
94 100
96 91.2 72.6 109.0

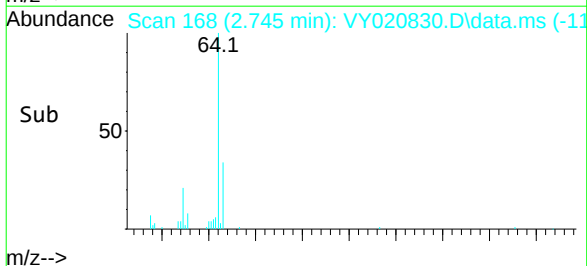
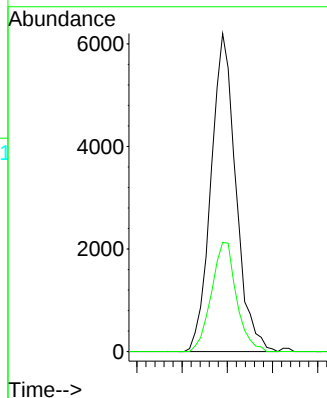
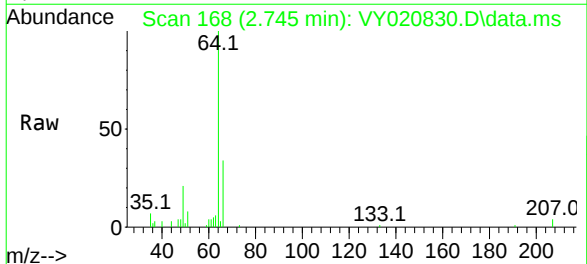
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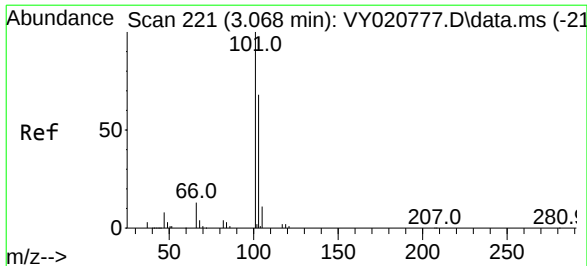
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#6
Chloroethane
Concen: 20.665 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.000 min
Lab File: VY020830.D
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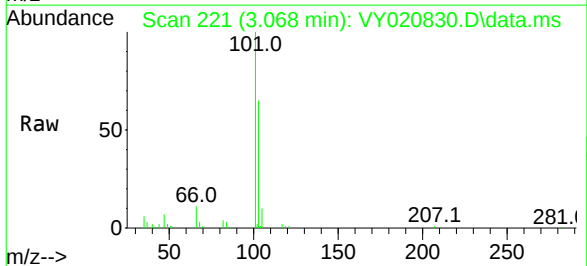
Tgt Ion: 64 Resp: 11827
Ion Ratio Lower Upper
64 100
66 34.3 26.9 40.3





Trichlorofluoromethane
Concen: 18.639 ug/l
RT: 3.068 min Scan# 221
Delta R.T. 0.000 min
Lab File: VY020830.D
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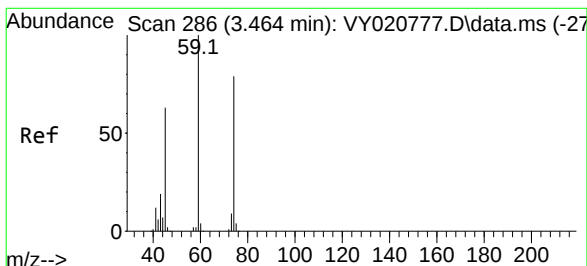
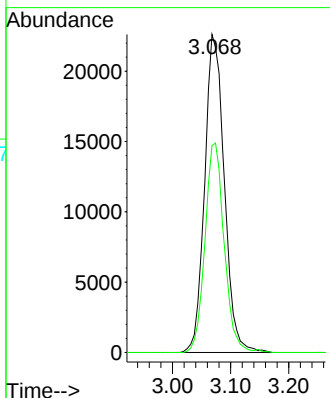
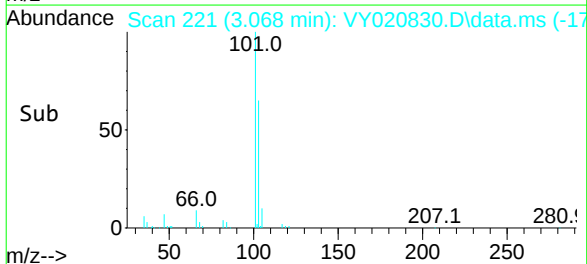
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VY0115SBSD01



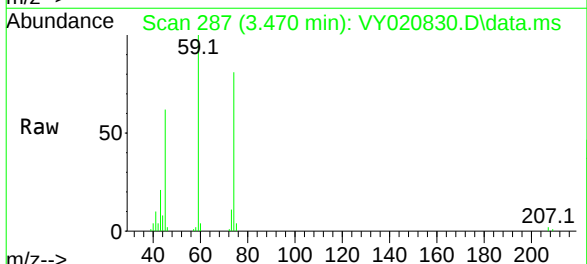
Tgt Ion: 101 Resp: 53086
Ion Ratio Lower Upper
101 100
103 65.1 54.6 82.0

Manual Integrations
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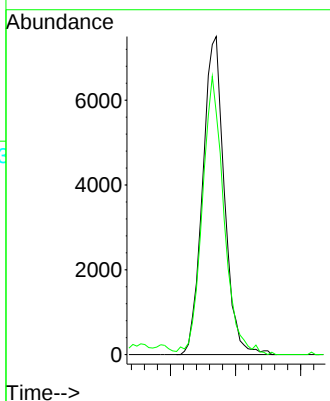
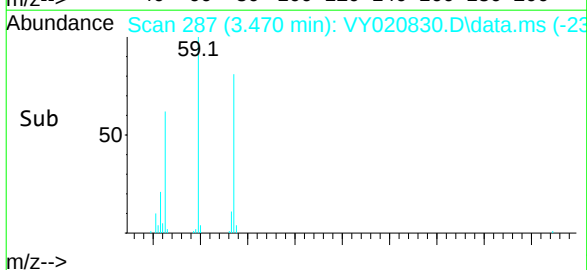
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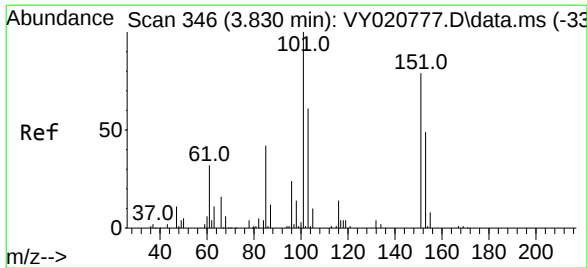


Diethyl Ether
Concen: 19.438 ug/l
RT: 3.470 min Scan# 287
Delta R.T. 0.006 min
Lab File: VY020830.D
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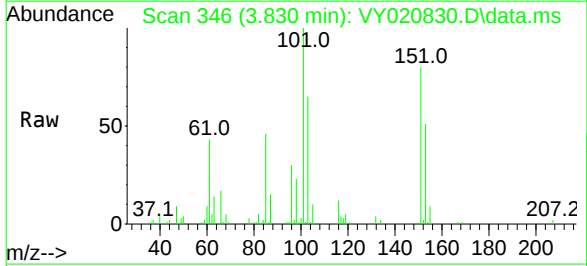
Tgt Ion: 74 Resp: 17313
Ion Ratio Lower Upper
74 100
45 87.6 41.3 124.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.799 ug/l
RT: 3.830 min Scan# 346
Delta R.T. 0.000 min
Lab File: VY020830.D
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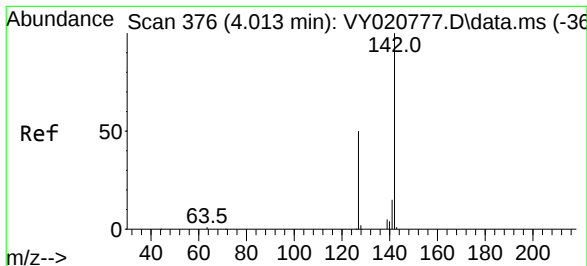
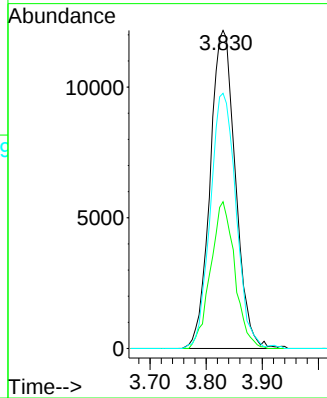
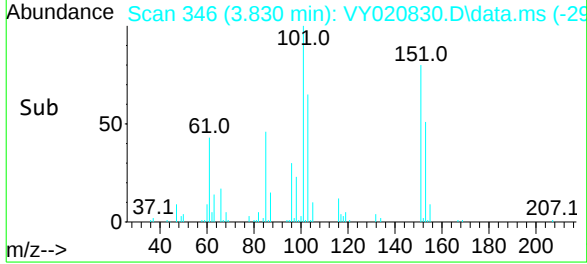
Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBS01



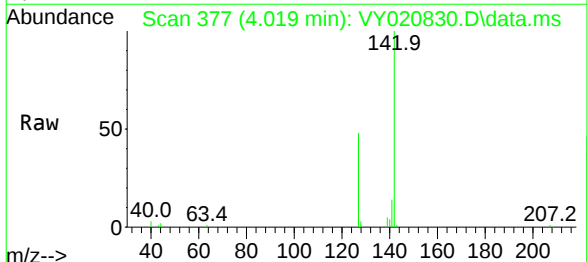
Tgt Ion:101 Resp: 38081
Ion Ratio Lower Upper
101 100
85 44.1 35.9 53.9
151 81.6 66.9 100.3

Manual Integrations
APPROVED

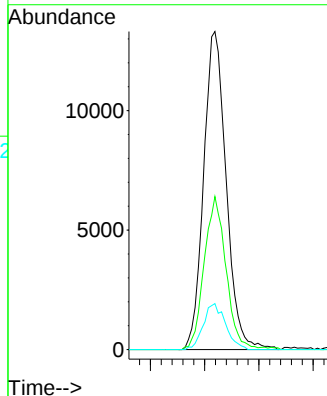
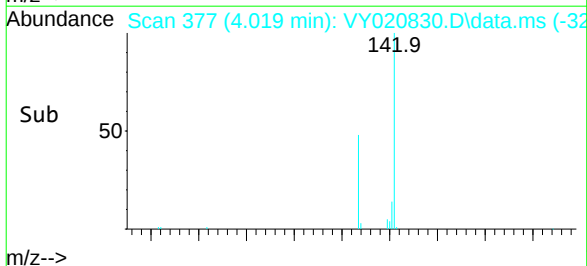
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#10
Methyl Iodide
Concen: 18.670 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27



Tgt Ion:142 Resp: 38483
Ion Ratio Lower Upper
142 100
127 46.5 41.0 61.6
141 14.2 11.6 17.4





#11

Tert butyl alcohol

Concen: 101.191 ug/l

RT: 4.879 min Scan# 517

Delta R.T. 0.006 min

Lab File: VY020830.D

Acq: 15 Jan 2025 11:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0115SBS01

Tgt Ion: 59 Resp: 14040

Ion Ratio Lower Upper

59 100

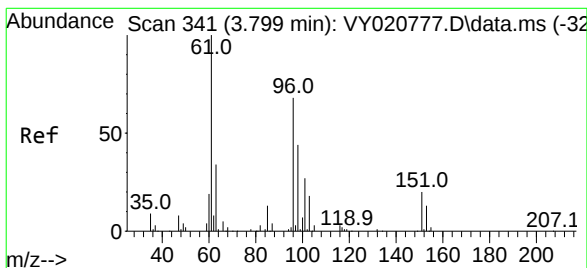
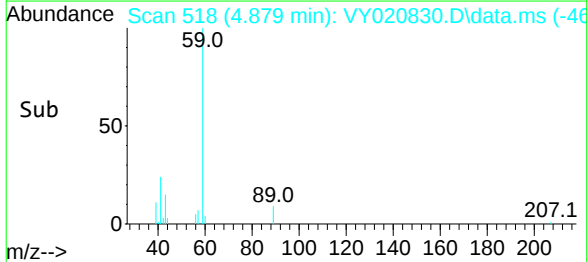
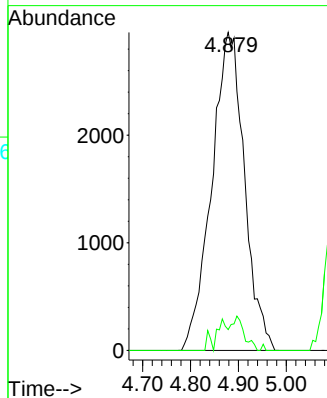
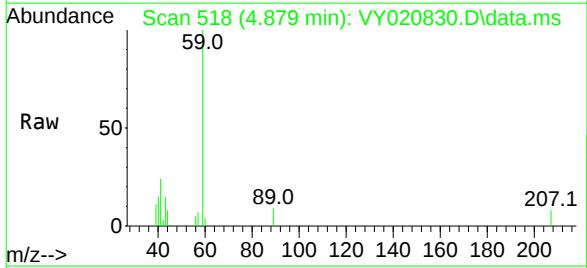
57 4.2 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/16/2025

Supervised By :Semsettin Yesilyurt 01/16/2025



#12

1,1-Dichloroethene

Concen: 19.376 ug/l

RT: 3.806 min Scan# 342

Delta R.T. 0.006 min

Lab File: VY020830.D

Acq: 15 Jan 2025 11:27

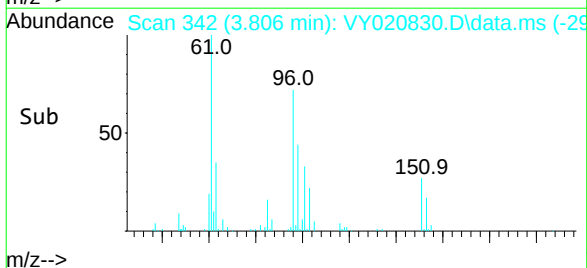
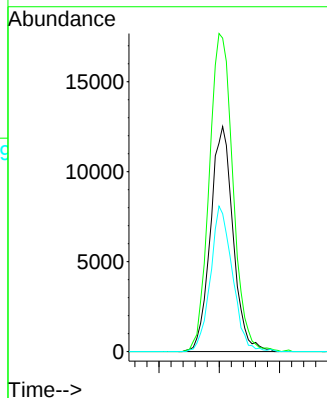
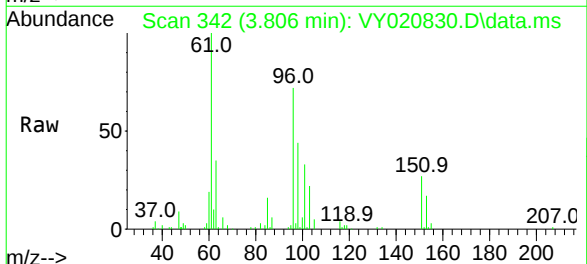
Tgt Ion: 96 Resp: 32642

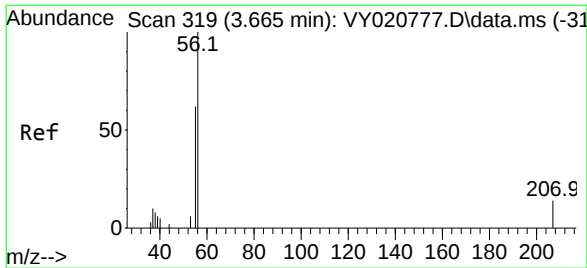
Ion Ratio Lower Upper

96 100

61 139.3 117.8 176.8

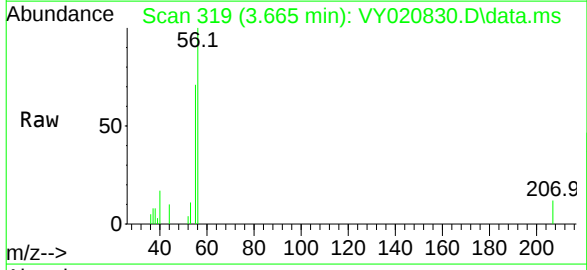
98 61.3 51.9 77.9





#13
Acrolein
Concen: 144.156 ug/l
RT: 3.665 min Scan# 319
Delta R.T. 0.000 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

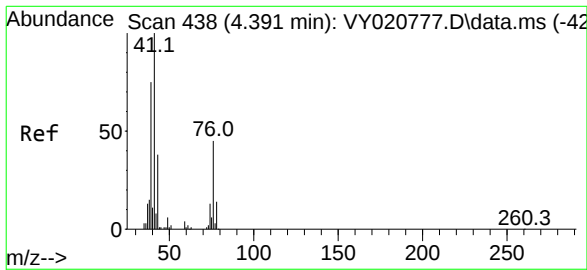
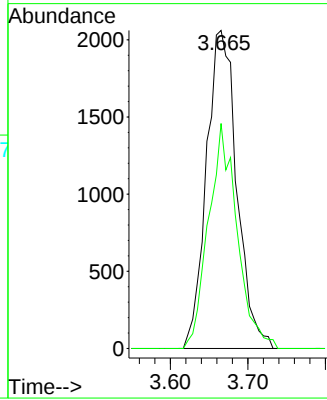
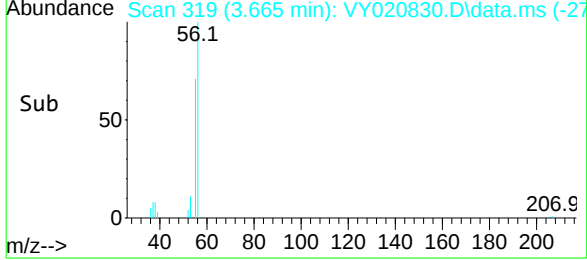
Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBS01



Tgt Ion: 56 Resp: 5617
Ion Ratio Lower Upper
56 100
55 66.4 58.1 87.1

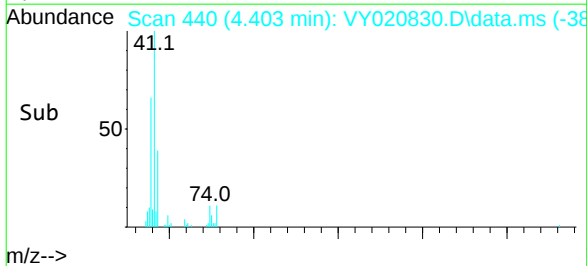
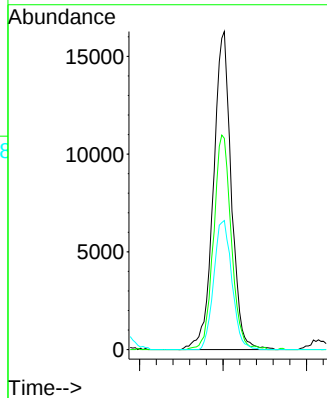
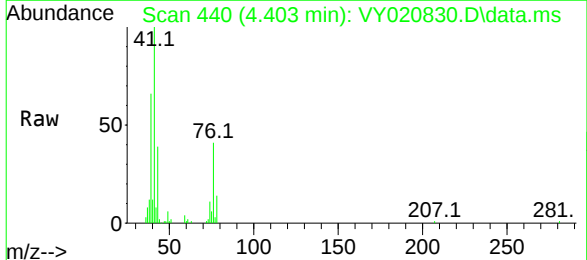
Manual Integrations
APPROVED

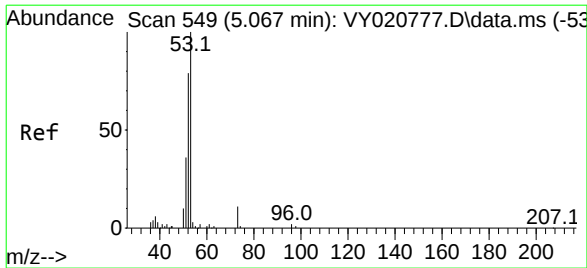
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#14
Allyl chloride
Concen: 19.949 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.012 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

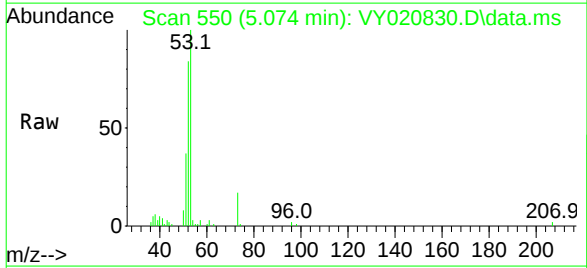
Tgt Ion: 41 Resp: 48485
Ion Ratio Lower Upper
41 100
39 66.8 57.5 86.3
76 41.0 35.6 53.4





#15
Acrylonitrile
Concen: 102.081 ug/l
RT: 5.074 min Scan# 551
Delta R.T. 0.006 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

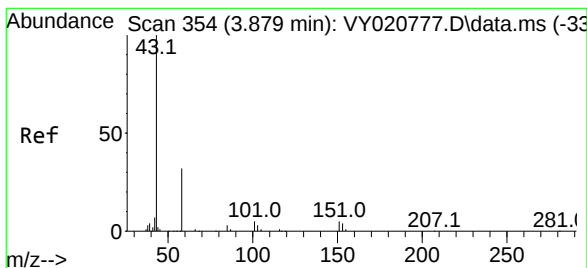
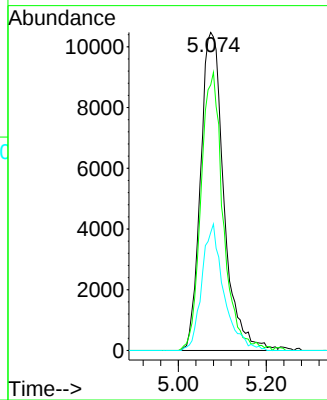
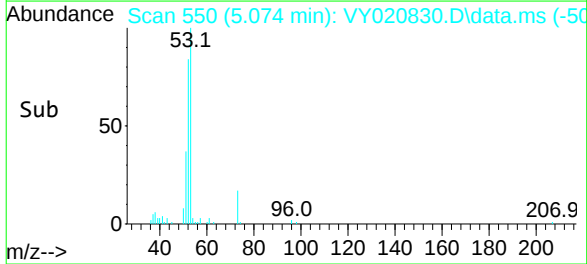
Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBS01



Tgt Ion: 53 Resp: 38642
Ion Ratio Lower Upper
53 100
52 83.0 64.3 96.5
51 37.4 29.3 43.9

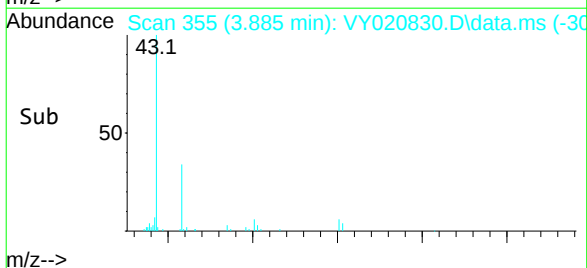
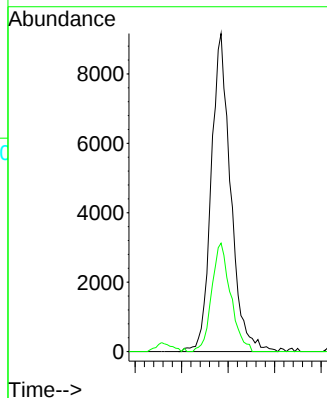
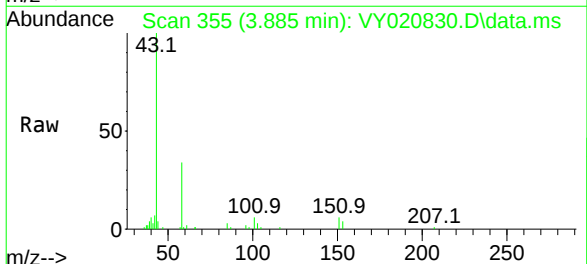
Manual Integrations
APPROVED

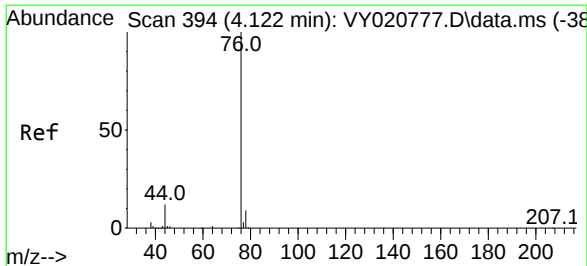
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#16
Acetone
Concen: 102.006 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

Tgt Ion: 43 Resp: 26635
Ion Ratio Lower Upper
43 100
58 34.1 26.7 40.1





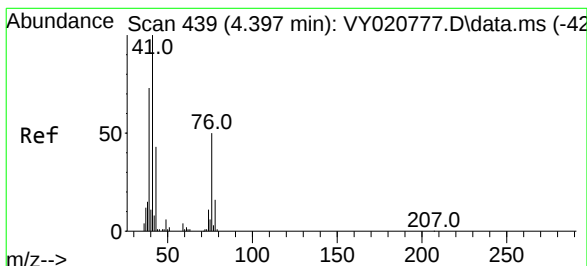
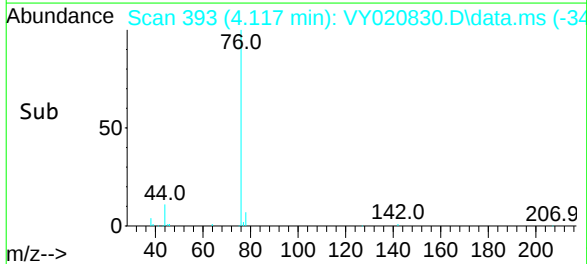
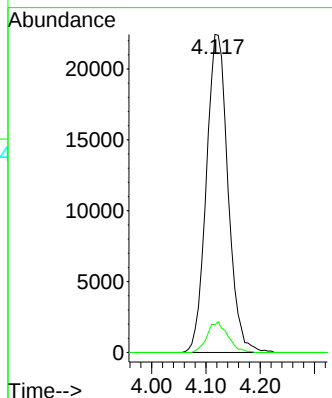
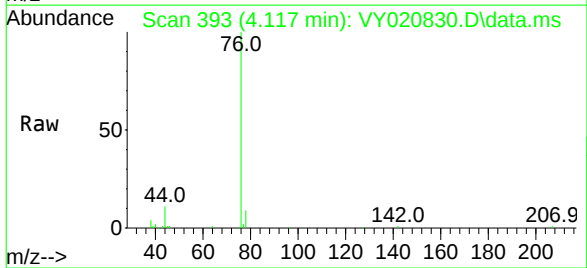
#17
Carbon Disulfide
Concen: 17.019 ug/l
RT: 4.117 min Scan# 39
Delta R.T. -0.006 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBSD01

Tgt Ion: 76 Resp: 62200
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2

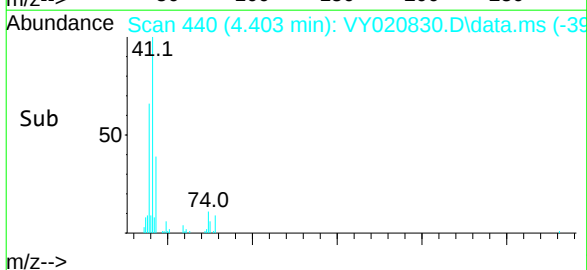
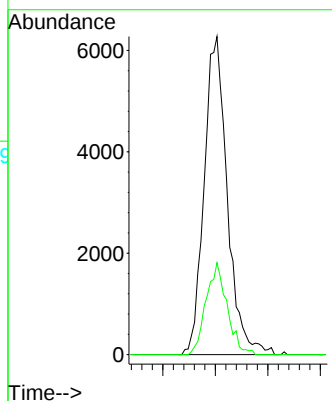
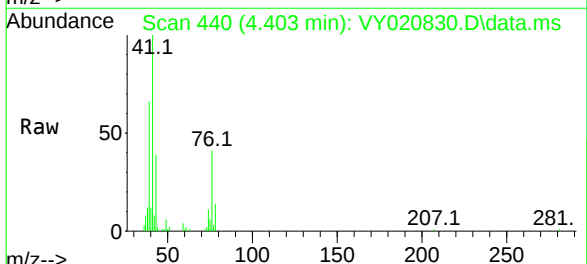
Manual Integrations
APPROVED

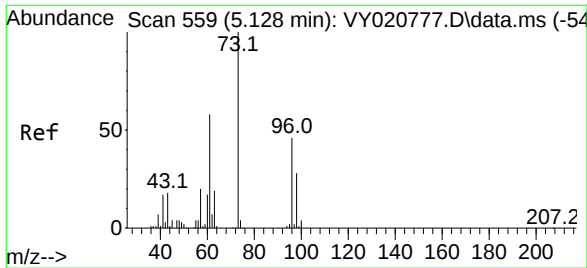
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#18
Methyl Acetate
Concen: 21.803 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

Tgt Ion: 43 Resp: 19222
Ion Ratio Lower Upper
43 100
74 26.2 23.0 34.6





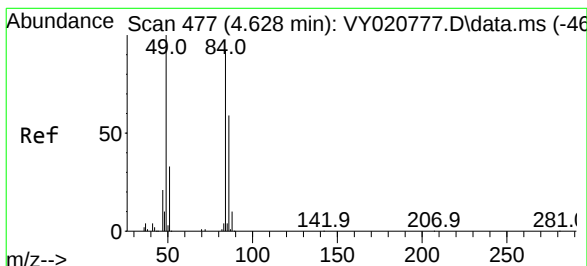
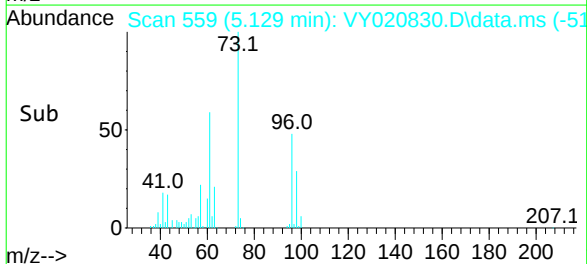
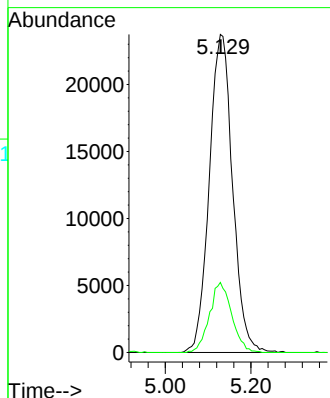
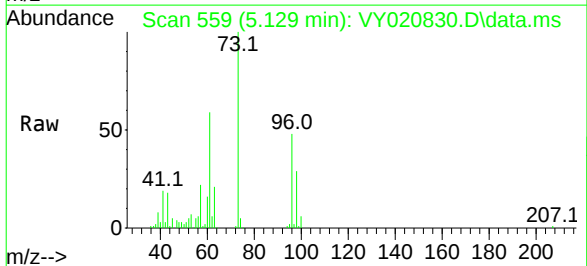
#19
Methyl tert-butyl Ether
Concen: 18.855 ug/l
RT: 5.129 min Scan# 559
Delta R.T. 0.000 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBSD01

Tgt Ion: 73 Resp: 89644
Ion Ratio Lower Upper
73 100
57 22.0 16.4 24.6

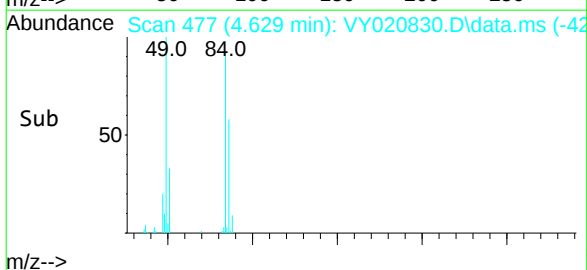
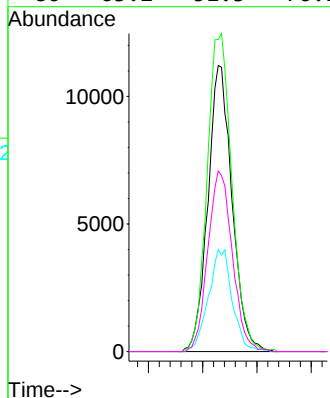
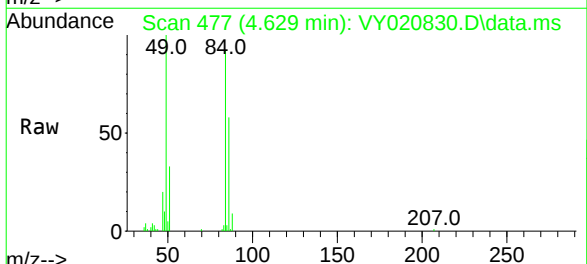
Manual Integrations
APPROVED

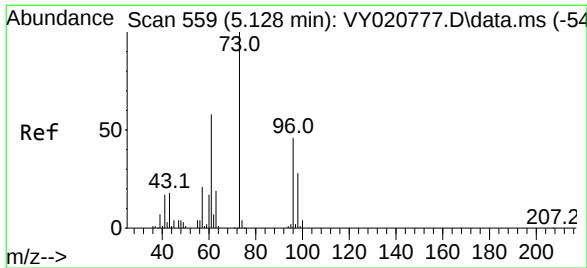
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#20
Methylene Chloride
Concen: 19.272 ug/l
RT: 4.629 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

Tgt Ion: 84 Resp: 34752
Ion Ratio Lower Upper
84 100
49 109.1 86.7 130.1
51 35.7 28.4 42.6
86 63.2 51.3 76.9





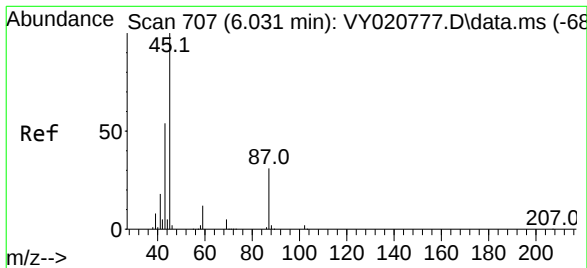
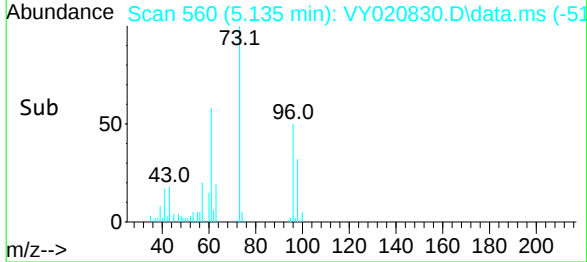
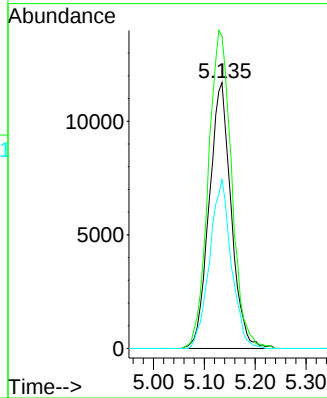
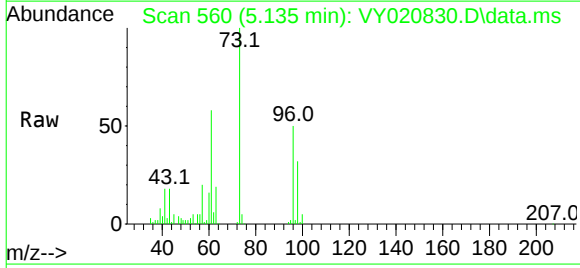
#21
trans-1,2-Dichloroethene
Concen: 18.918 ug/l
RT: 5.135 min Scan# 561
Delta R.T. 0.006 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBS01

Tgt Ion: 96 Resp: 35098
Ion Ratio Lower Upper
96 100
61 117.5 101.6 152.4
98 63.5 49.4 74.2

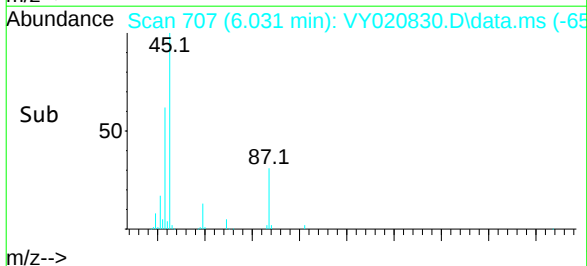
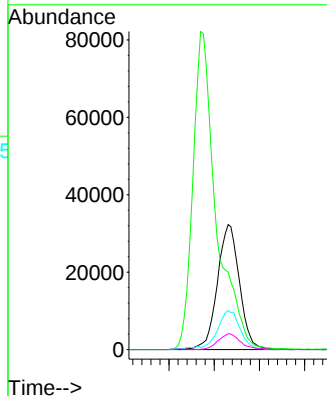
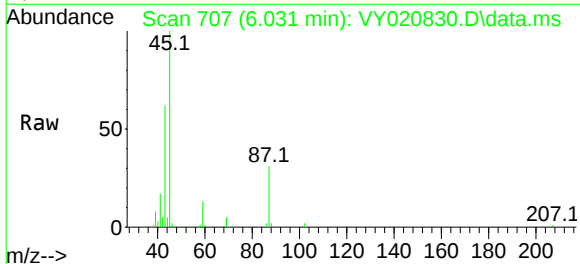
Manual Integrations
APPROVED

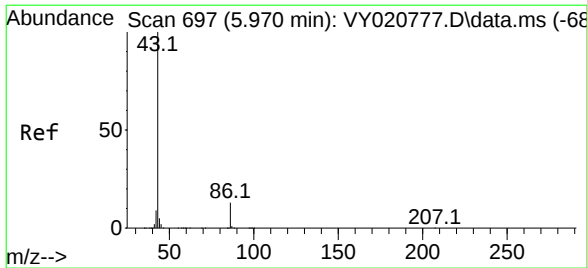
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#22
Diisopropyl ether
Concen: 21.122 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.000 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

Tgt Ion: 45 Resp: 109358
Ion Ratio Lower Upper
45 100
43 61.5 43.9 65.9
87 31.2 25.3 37.9
59 12.7 10.0 15.0





#23

Vinyl Acetate

Concen: 103.023 ug/l

RT: 5.970 min Scan# 69

Delta R.T. 0.000 min

Lab File: VY020830.D

Acq: 15 Jan 2025 11:27

Instrument :

MSVOA_Y

ClientSampleId :

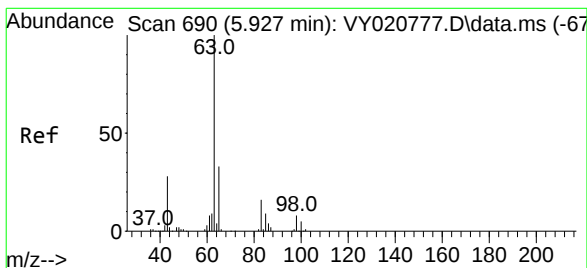
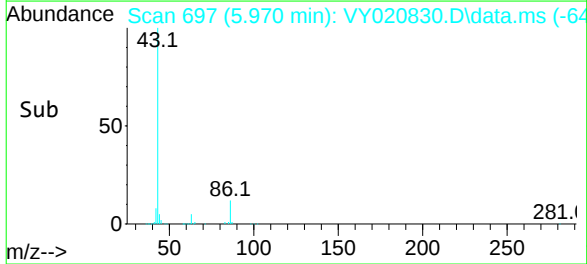
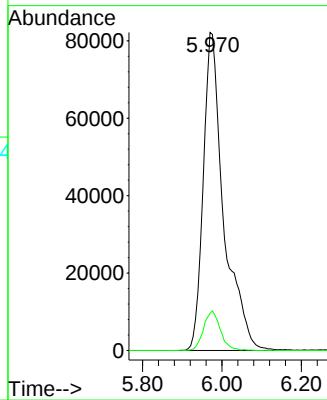
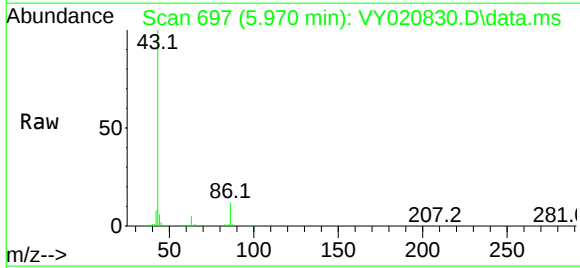
VY0115SBS01

Tgt Ion:	43	Resp:	294103
Ion	Ratio	Lower	Upper
43	100		
86	11.7	10.5	15.7

Manual Integrations

APPROVED

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



#24

1,1-Dichloroethane

Concen: 19.740 ug/l

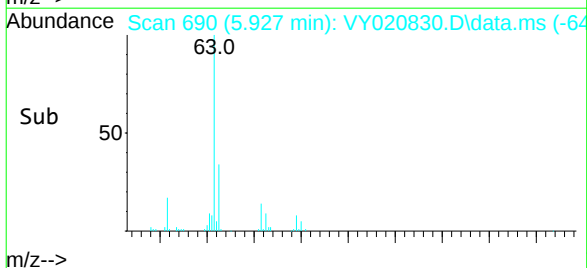
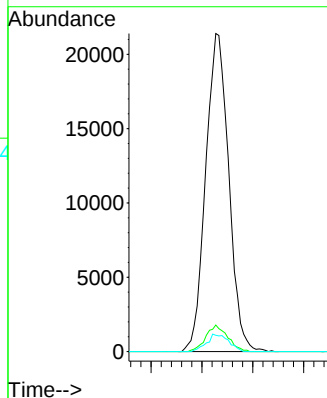
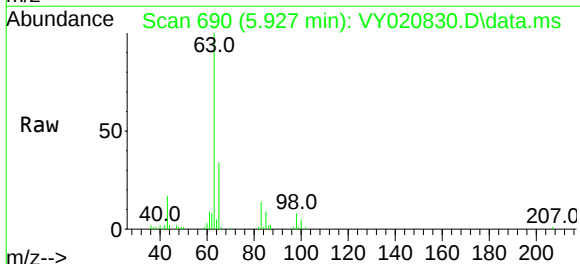
RT: 5.927 min Scan# 690

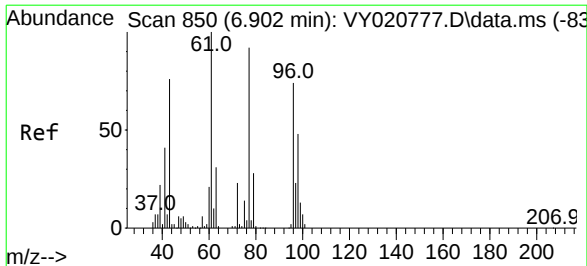
Delta R.T. 0.000 min

Lab File: VY020830.D

Acq: 15 Jan 2025 11:27

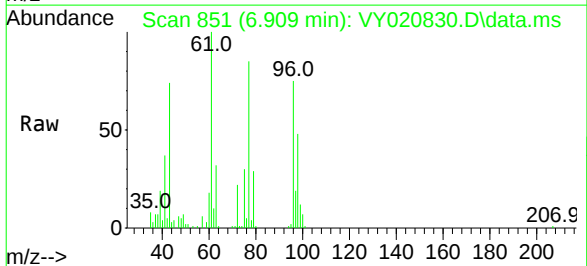
Tgt Ion:	63	Resp:	67432
Ion	Ratio	Lower	Upper
63	100		
98	8.3	3.9	11.7
100	5.1	2.4	7.2





#25
2-Butanone
Concen: 103.406 ug/l
RT: 6.909 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

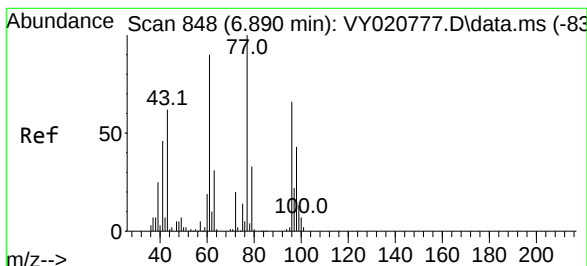
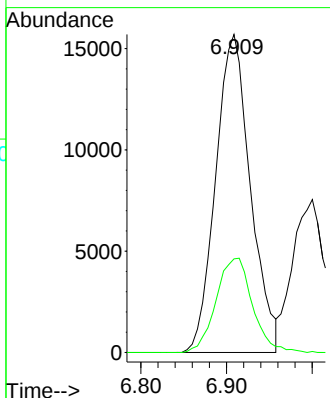
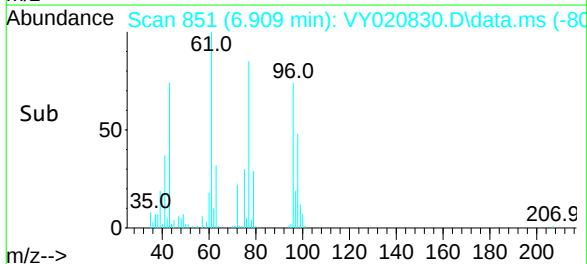
Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBSD01



Tgt Ion: 43 Resp: 44353
Ion Ratio Lower Upper
43 100
72 29.4 24.0 36.0

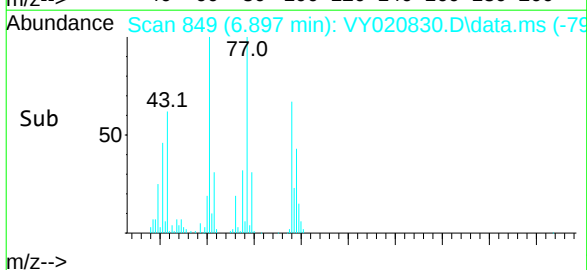
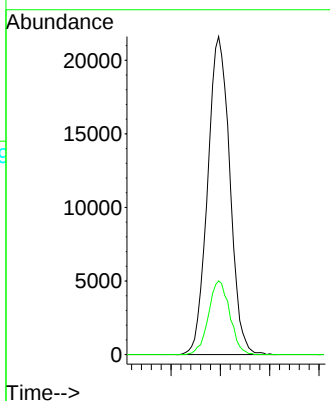
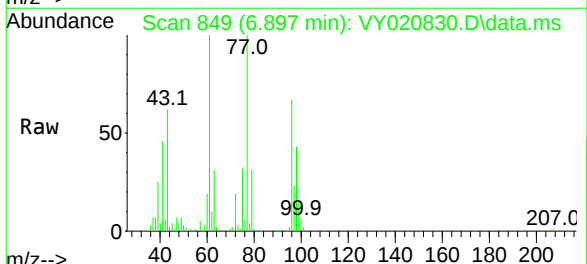
Manual Integrations
APPROVED

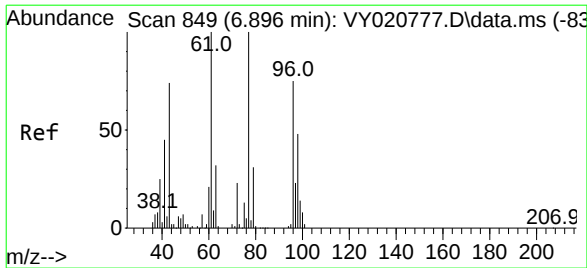
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#26
2,2-Dichloropropane
Concen: 19.051 ug/l
RT: 6.897 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

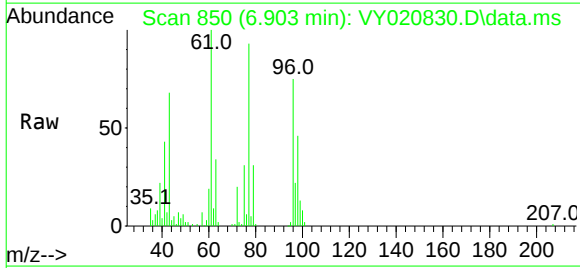
Tgt Ion: 77 Resp: 67566
Ion Ratio Lower Upper
77 100
97 22.2 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 19.047 ug/l
 RT: 6.903 min Scan# 85
 Delta R.T. 0.006 min
 Lab File: VY020830.D
 Acq: 15 Jan 2025 11:27

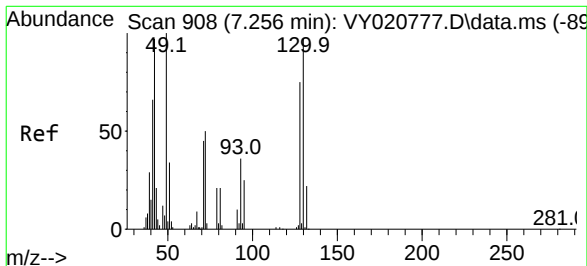
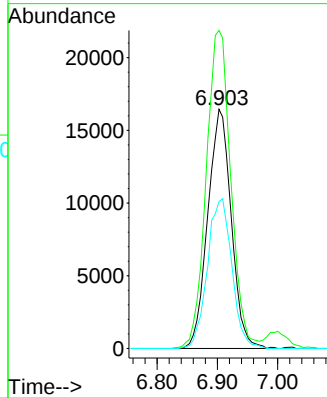
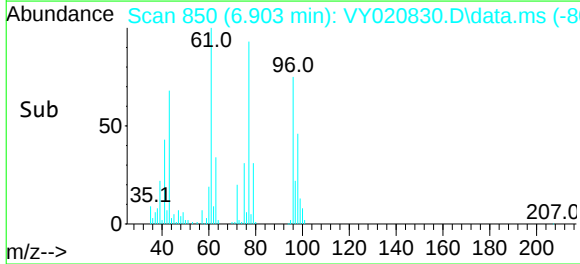
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0115SBSD01



Tgt Ion: 96 Resp: 44585
 Ion Ratio Lower Upper
 96 100
 61 139.1 0.0 271.4
 98 65.1 0.0 129.0

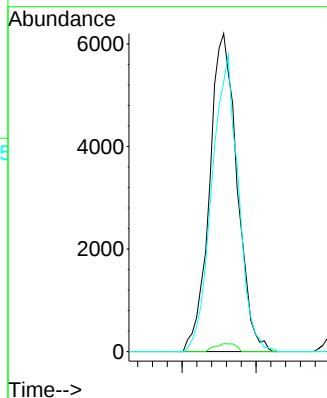
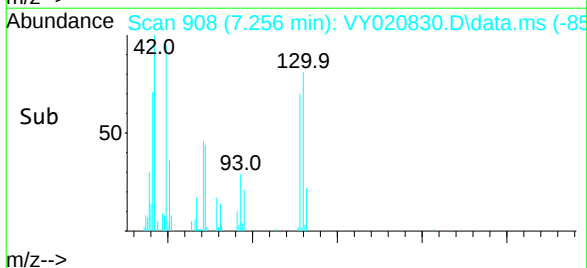
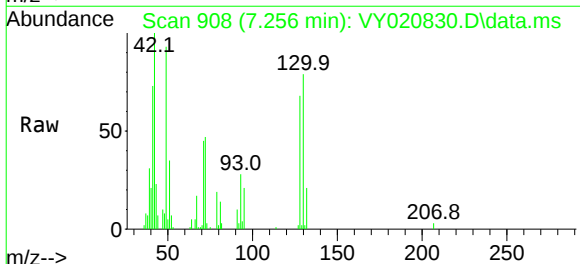
Manual Integrations
 APPROVED

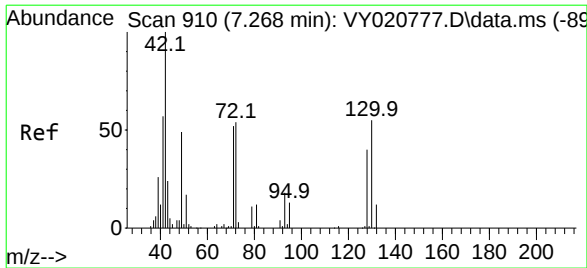
Reviewed By :Mahesh Dadoda 01/16/2025
 Supervised By :Semsettin Yesilyurt 01/16/2025



#28
 Bromochloromethane
 Concen: 17.399 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. 0.000 min
 Lab File: VY020830.D
 Acq: 15 Jan 2025 11:27

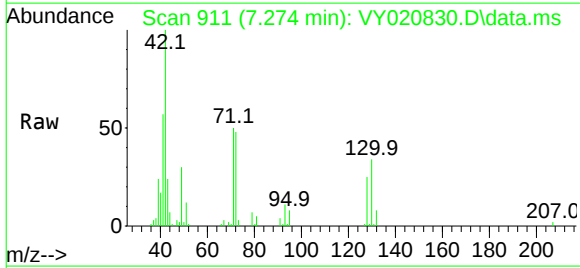
Tgt Ion: 49 Resp: 16037
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 5.2
 130 89.3 77.8 116.6





#29
Tetrahydrofuran
Concen: 105.214 ug/l
RT: 7.274 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

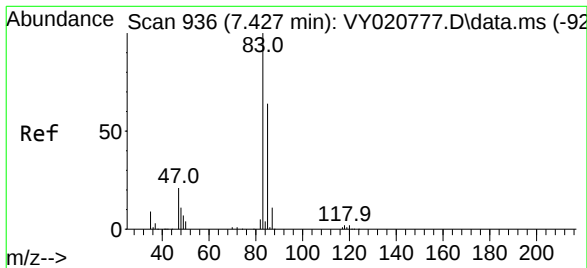
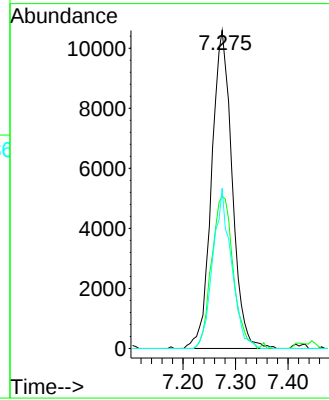
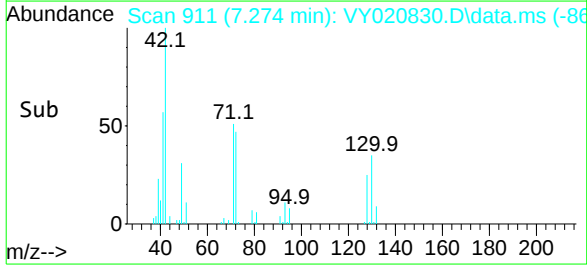
Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBSD01



Tgt Ion: 42 Resp: 28828
Ion Ratio Lower Upper
42 100
72 50.1 41.8 62.6
71 45.6 39.8 59.8

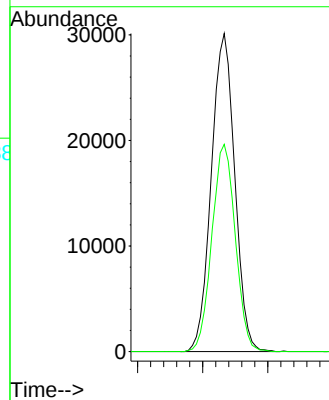
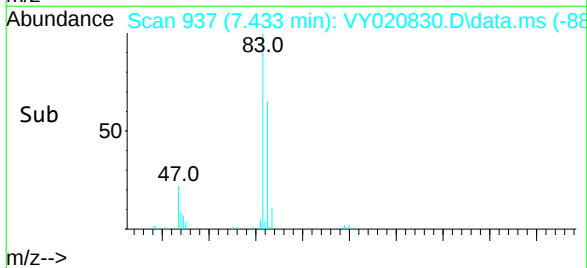
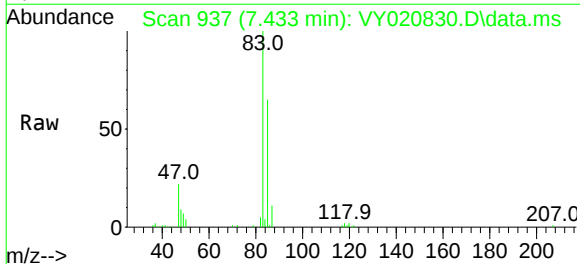
Manual Integrations
APPROVED

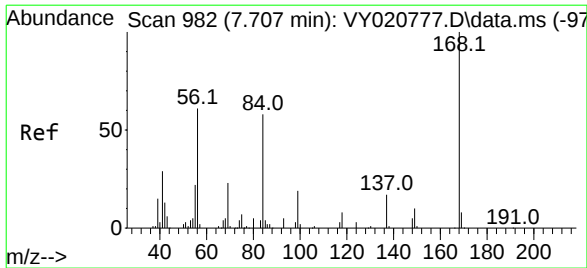
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#30
Chloroform
Concen: 19.342 ug/l
RT: 7.433 min Scan# 937
Delta R.T. 0.006 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

Tgt Ion: 83 Resp: 75346
Ion Ratio Lower Upper
83 100
85 65.2 51.1 76.7





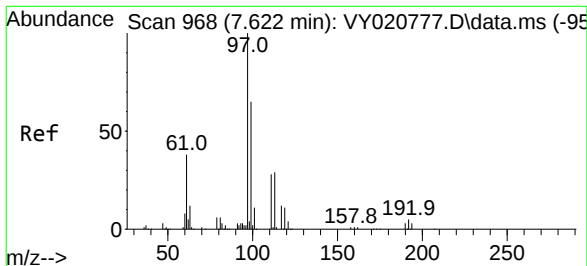
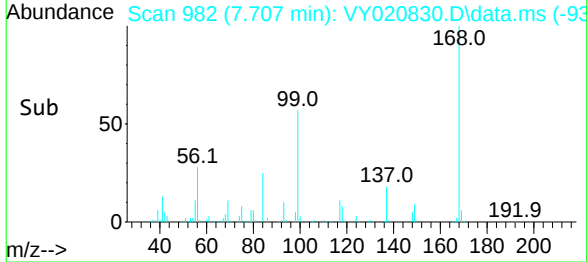
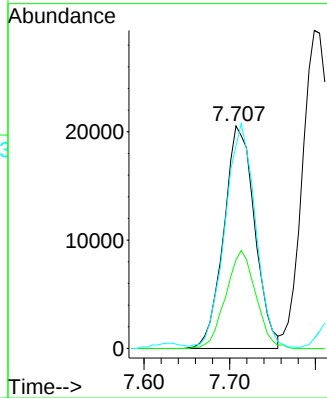
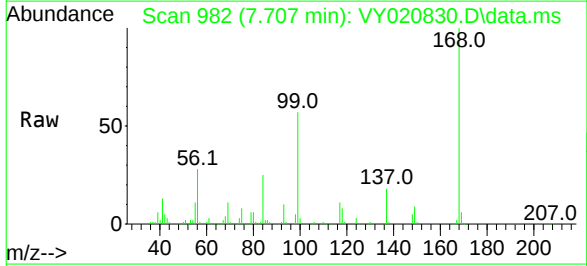
#31
Cyclohexane
Concen: 19.306 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBS01

Tgt Ion: 56 Resp: 51584
Ion Ratio Lower Upper
56 100
69 39.8 30.5 45.7
84 89.4 76.6 115.0

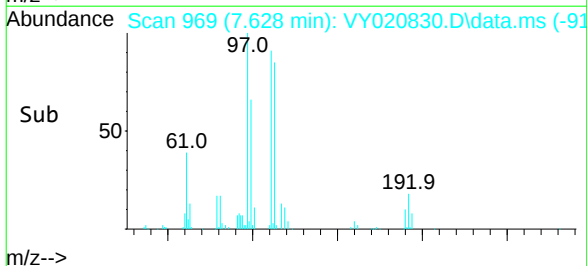
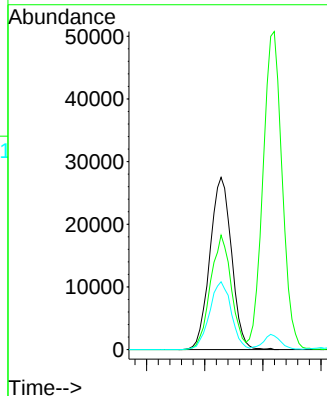
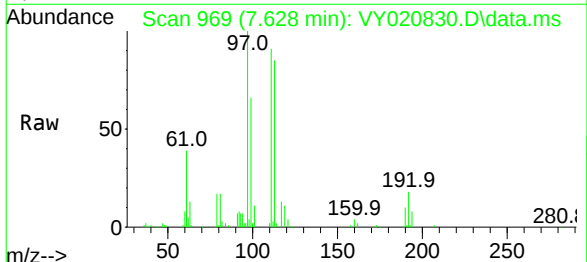
Manual Integrations
APPROVED

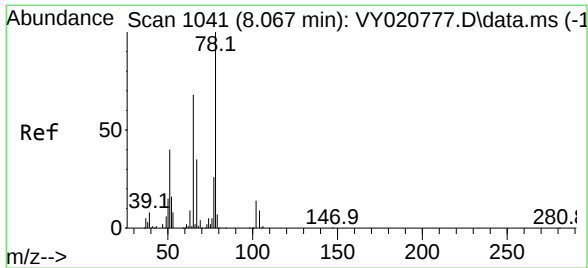
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#32
1,1,1-Trichloroethane
Concen: 18.753 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

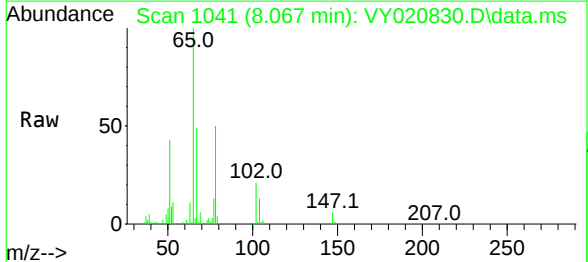
Tgt Ion: 97 Resp: 71257
Ion Ratio Lower Upper
97 100
99 64.0 51.4 77.2
61 39.4 30.5 45.7





#33
1,2-Dichloroethane-d4
Concen: 50.850 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

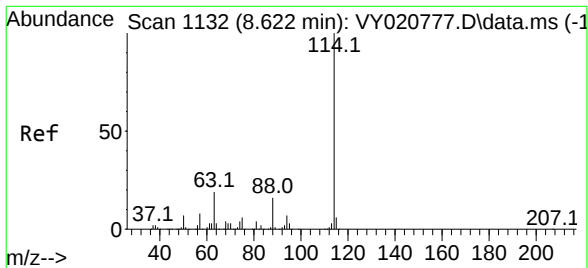
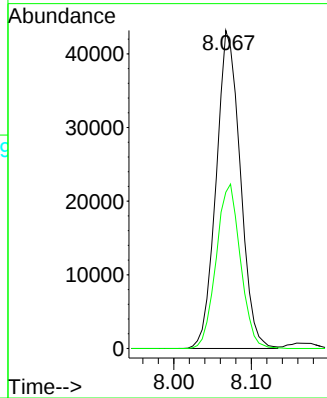
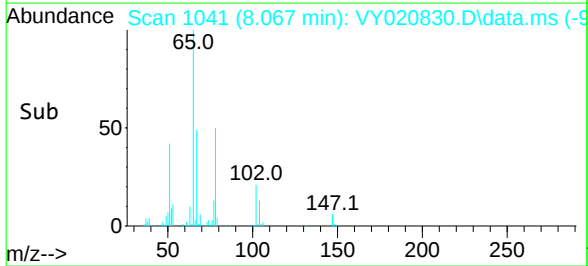
Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBS01



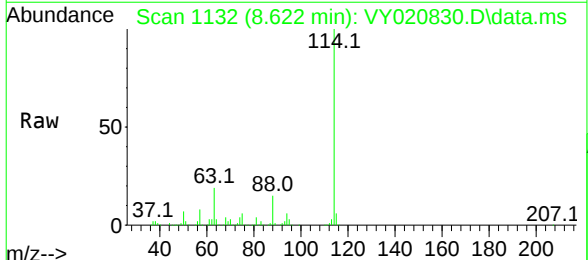
Tgt Ion: 65 Resp: 93370
Ion Ratio Lower Upper
65 100
67 52.0 0.0 102.8

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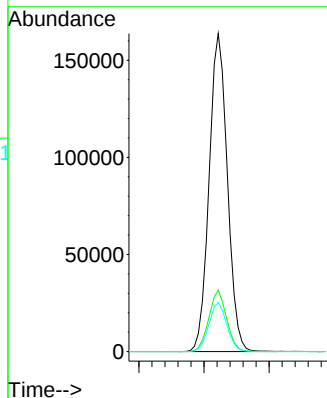
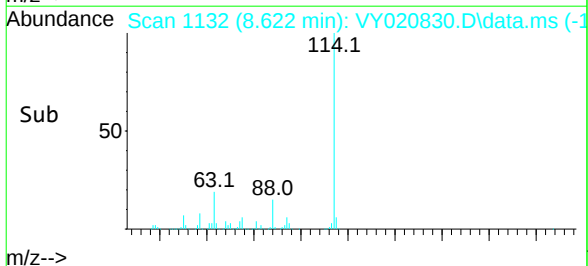
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

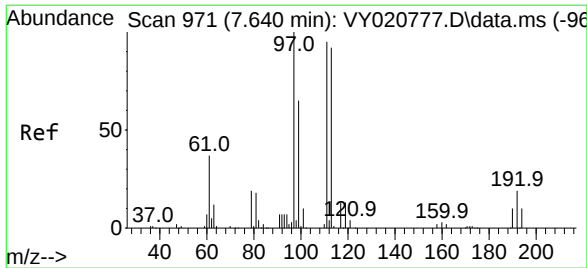


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27



Tgt Ion:114 Resp: 319227
Ion Ratio Lower Upper
114 100
63 19.3 0.0 38.4
88 15.5 0.0 31.2





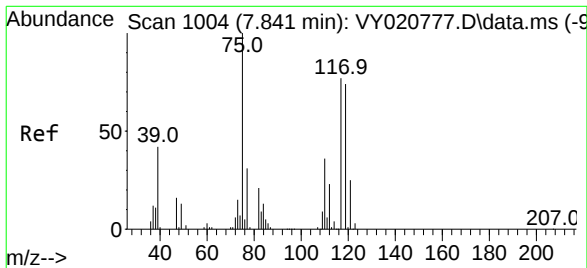
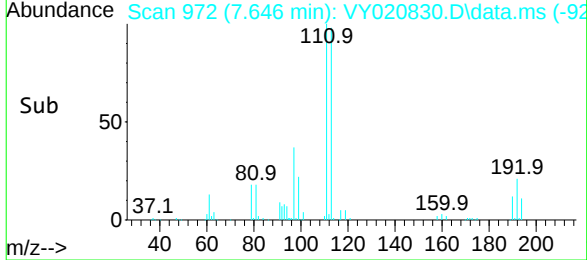
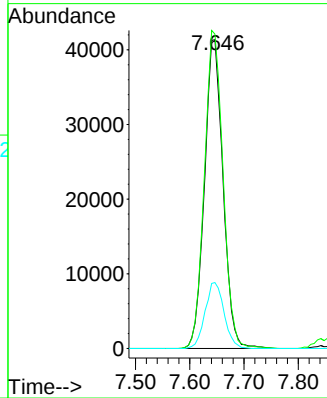
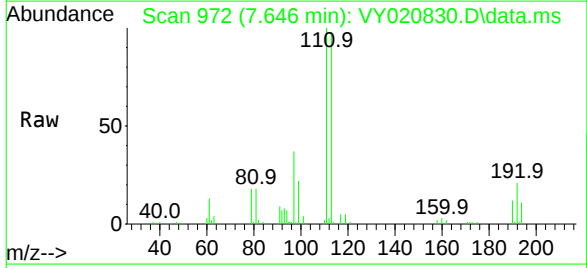
#35
Dibromofluoromethane
Concen: 49.174 ug/l
RT: 7.646 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBS01

Tgt Ion:113 Resp: 98344
Ion Ratio Lower Upper
113 100
111 104.0 81.7 122.5
192 21.9 16.7 25.1

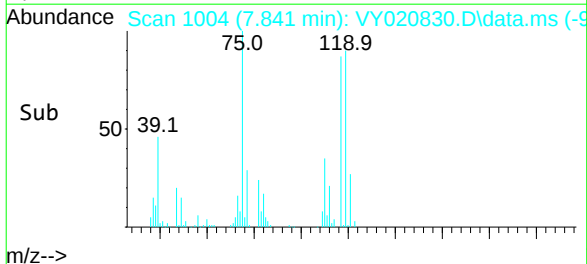
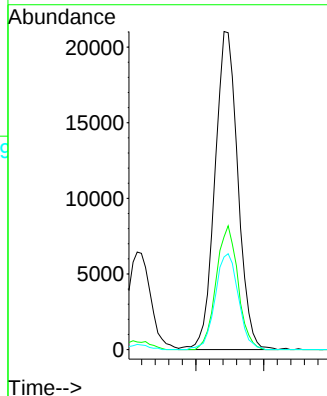
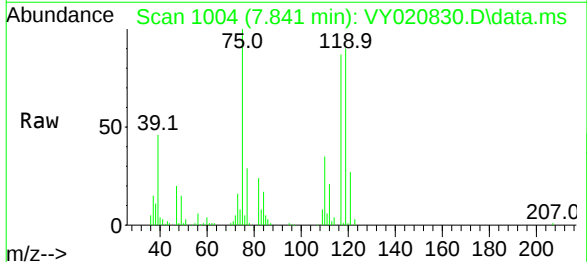
Manual Integrations
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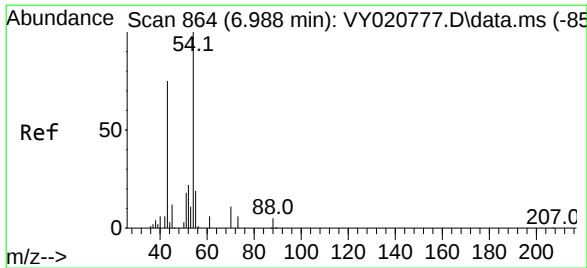
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#36
1,1-Dichloropropene
Concen: 19.411 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

Tgt Ion: 75 Resp: 49515
Ion Ratio Lower Upper
75 100
110 37.0 18.5 55.5
77 30.5 25.0 37.4





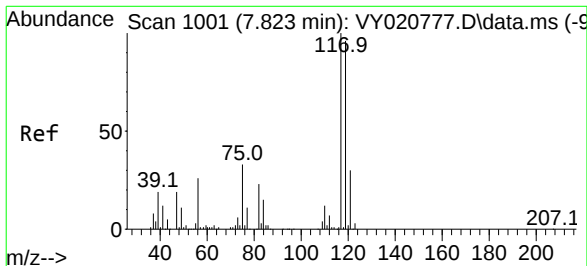
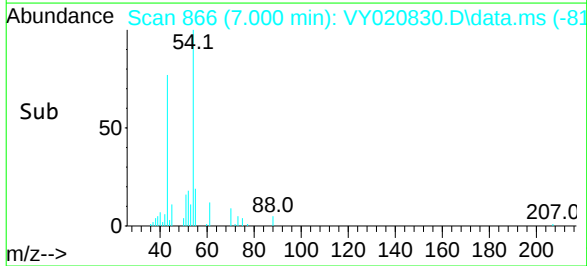
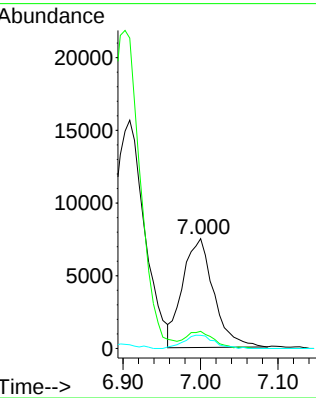
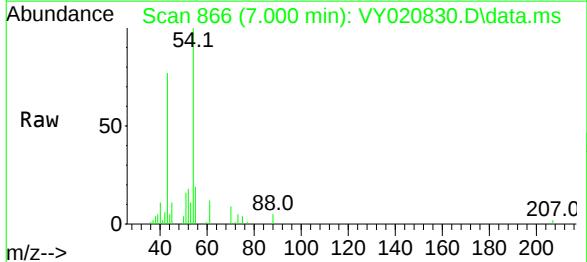
#37
Ethyl Acetate
Concen: 20.567 ug/l
RT: 7.000 min Scan# 864
Delta R.T. 0.012 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBS01

Tgt Ion: 43 Resp: 20878
Ion Ratio Lower Upper
43 100
61 14.4 11.8 17.6
70 12.0 9.8 14.8

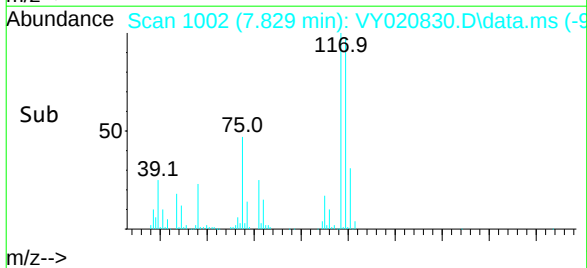
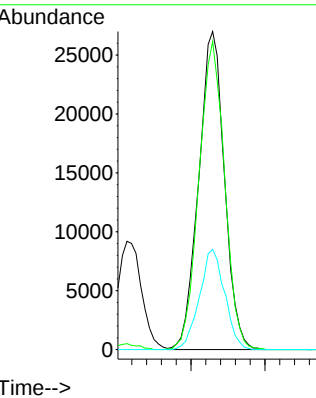
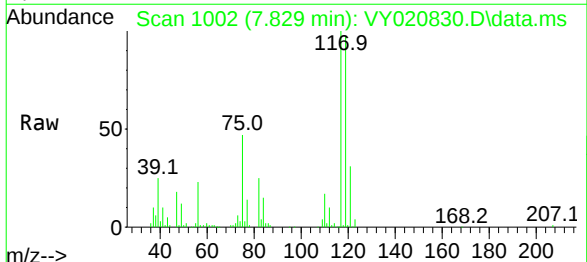
Manual Integrations
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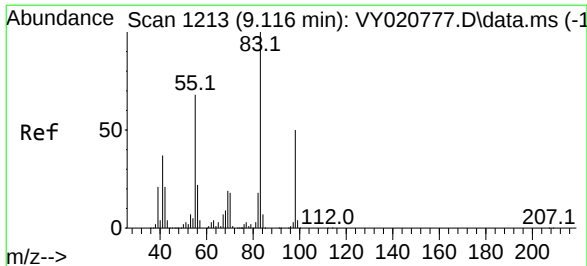
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#38
Carbon Tetrachloride
Concen: 18.370 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

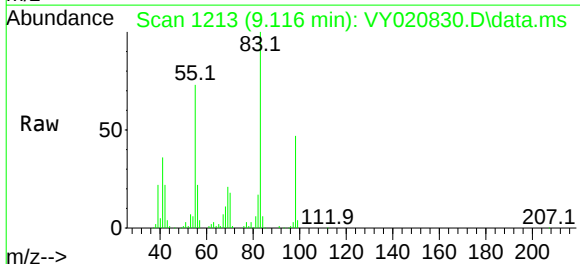
Tgt Ion:117 Resp: 65228
Ion Ratio Lower Upper
117 100
119 96.9 76.5 114.7
121 31.5 24.3 36.5





#39
Methylcyclohexane
Concen: 19.153 ug/l
RT: 9.116 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

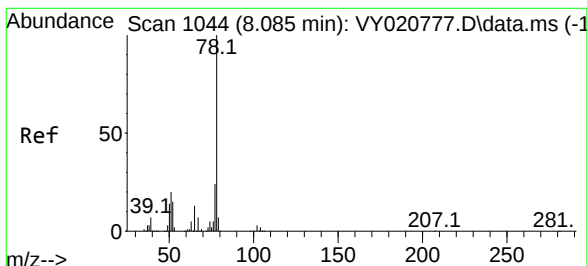
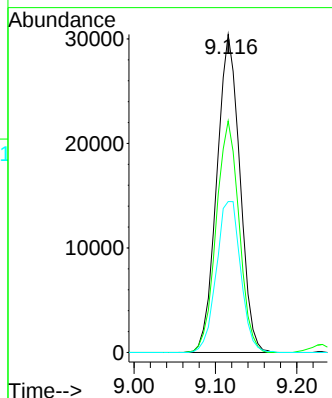
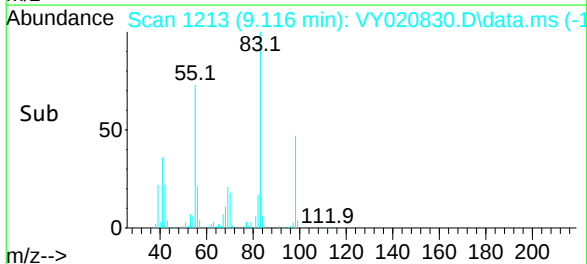
Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBSD01



Tgt Ion	Ratio	Lower	Upper
83	100		
55	72.8	54.8	82.2
98	47.5	40.0	60.0

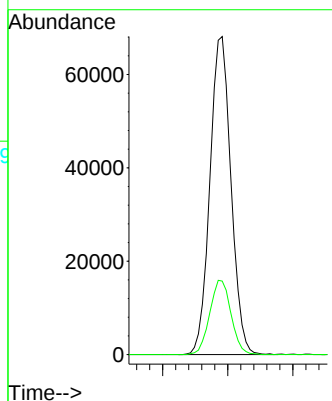
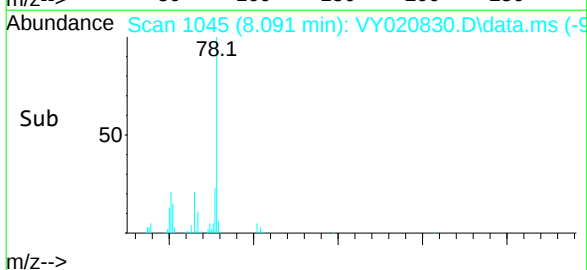
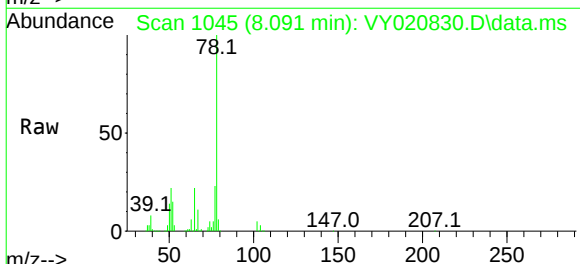
Manual Integrations
APPROVED

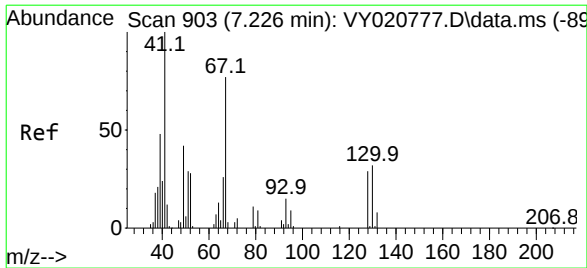
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#40
Benzene
Concen: 19.591 ug/l
RT: 8.091 min Scan# 1045
Delta R.T. 0.006 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

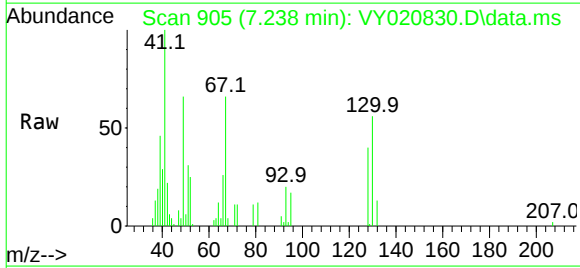
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.4	29.2





#41
Methacrylonitrile
Concen: 22.566 ug/l
RT: 7.238 min Scan# 903
Delta R.T. 0.012 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

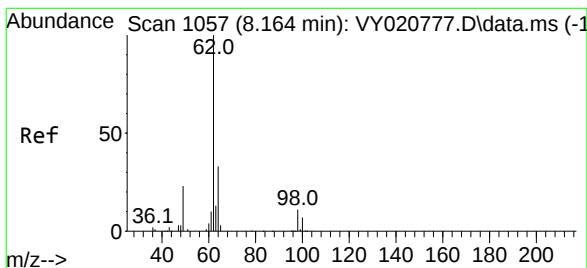
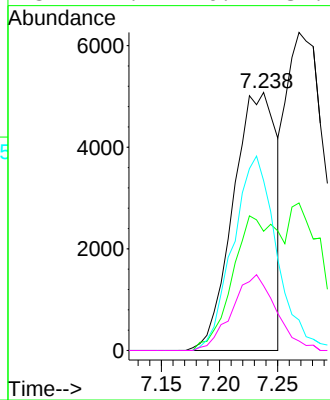
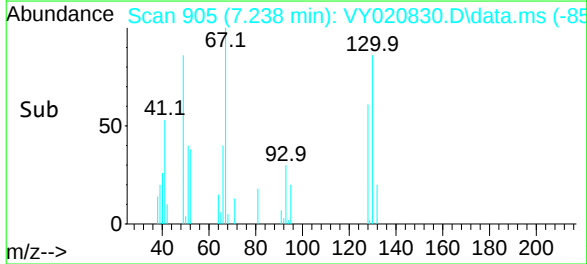
Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBS01



Tgt Ion: 41 Resp: 13119
Ion Ratio Lower Upper
41 100
39 58.2 42.4 63.6
67 76.6 67.8 101.8
52 29.9 26.2 39.4

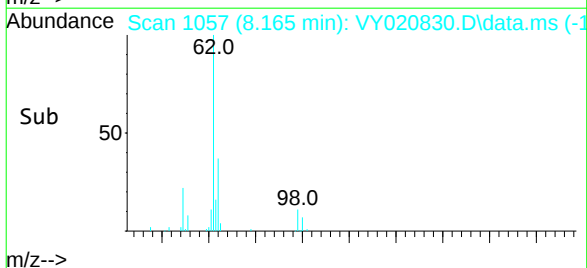
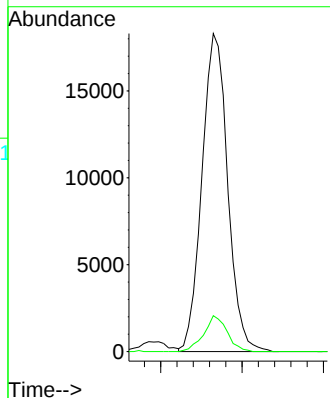
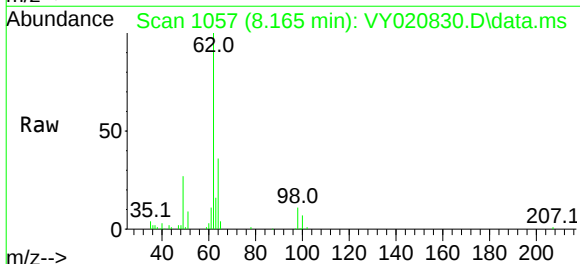
Manual Integrations
APPROVED

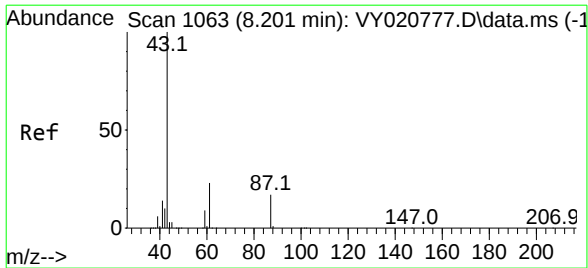
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#42
1,2-Dichloroethane
Concen: 18.770 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

Tgt Ion: 62 Resp: 40130
Ion Ratio Lower Upper
62 100
98 10.2 0.0 19.6





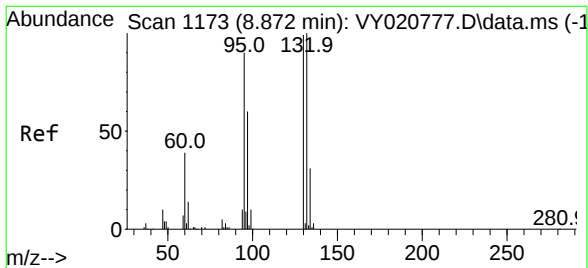
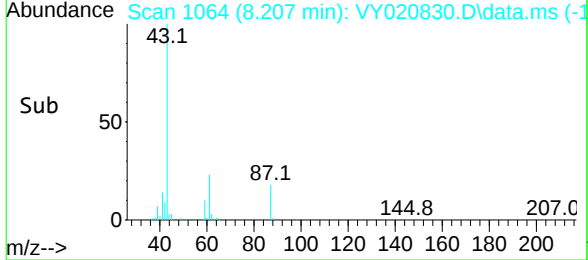
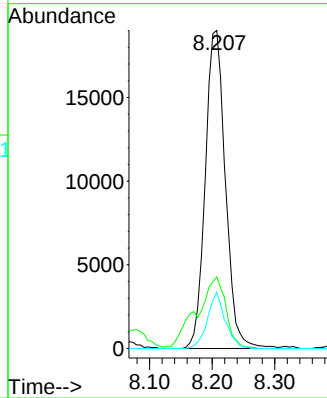
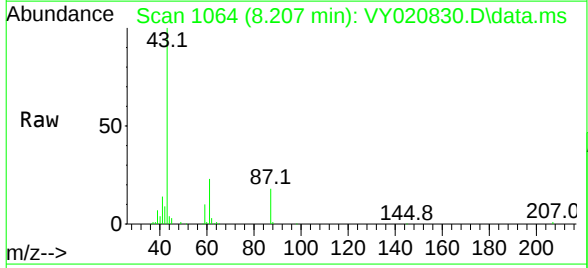
#43
Isopropyl Acetate
Concen: 20.569 ug/l
RT: 8.207 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBS01

Tgt Ion: 43 Resp: 42476
Ion Ratio Lower Upper
43 100
61 32.7 26.5 39.7
87 15.6 13.4 20.0

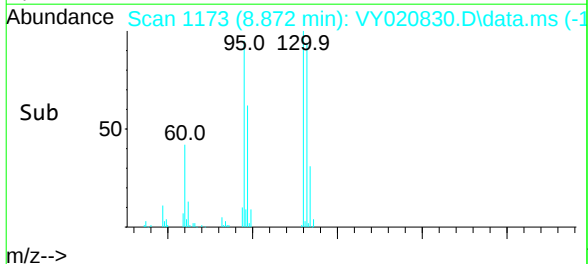
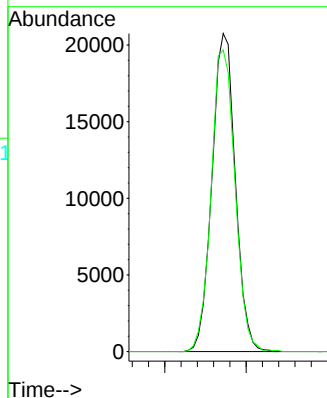
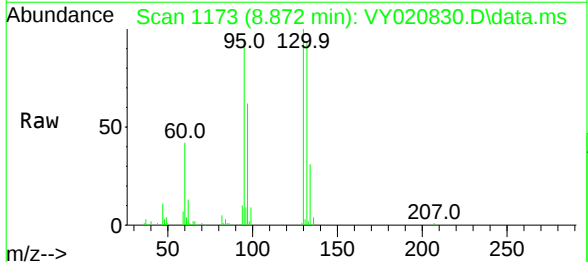
Manual Integrations
APPROVED

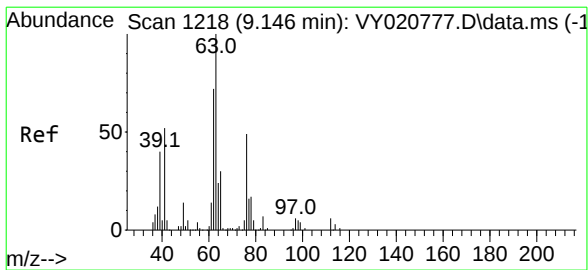
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#44
Trichloroethene
Concen: 18.919 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

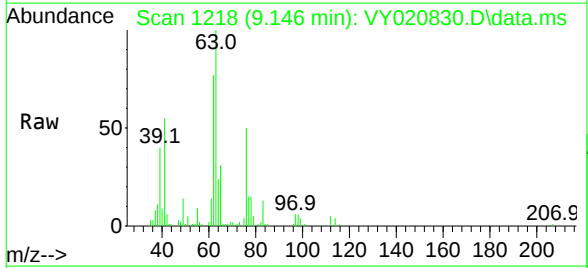
Tgt Ion:130 Resp: 41291
Ion Ratio Lower Upper
130 100
95 94.8 0.0 181.0





#45
1,2-Dichloropropane
Concen: 20.128 ug/l
RT: 9.146 min Scan# 1218
Delta R.T. 0.000 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

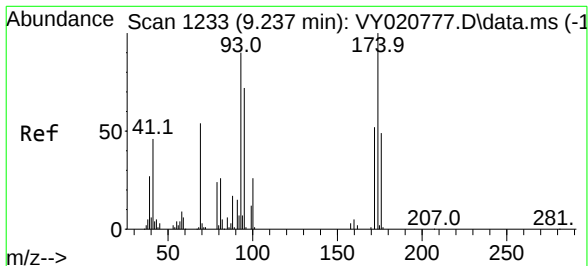
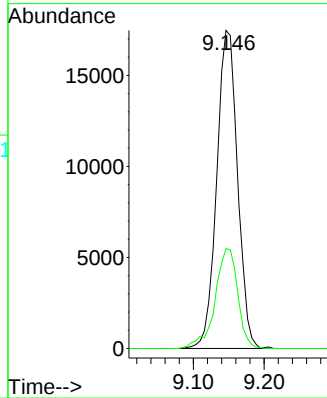
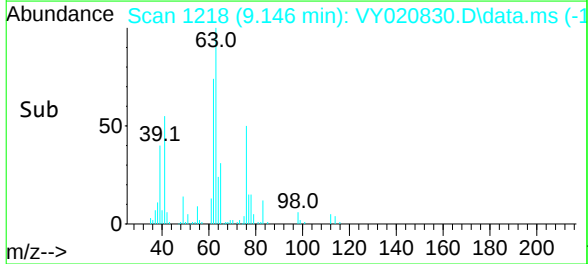
Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBS01



Tgt Ion: 63 Resp: 35724
Ion Ratio Lower Upper
63 100
65 31.4 24.2 36.4

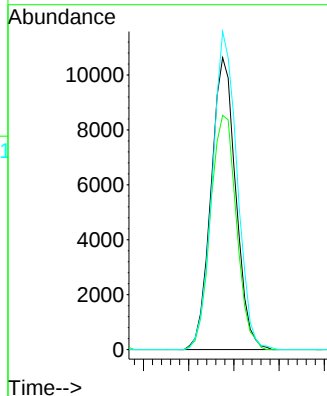
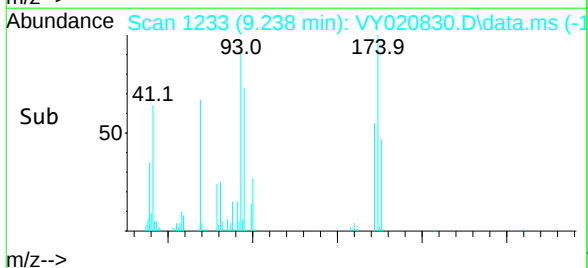
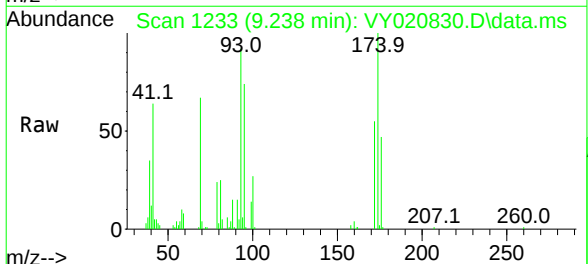
Manual Integrations
APPROVED

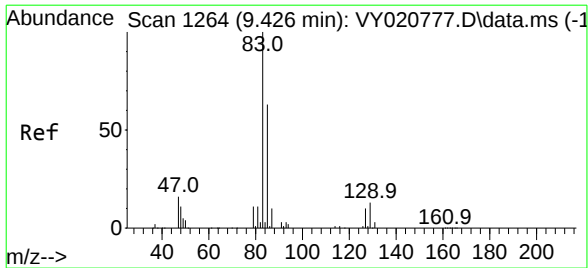
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#46
Dibromomethane
Concen: 19.798 ug/l
RT: 9.238 min Scan# 1233
Delta R.T. 0.000 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

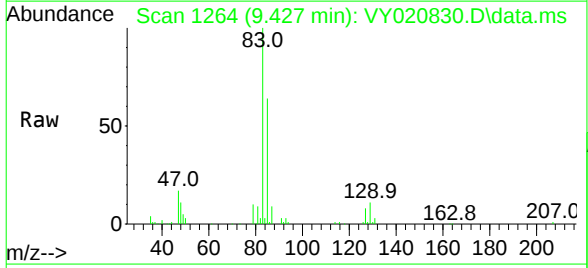
Tgt Ion: 93 Resp: 20178
Ion Ratio Lower Upper
93 100
95 84.2 68.2 102.4
174 108.9 89.0 133.6





#47
Bromodichloromethane
Concen: 19.503 ug/l
RT: 9.427 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

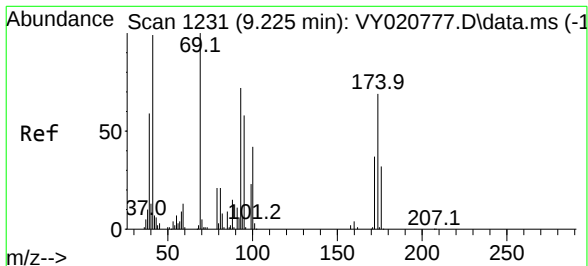
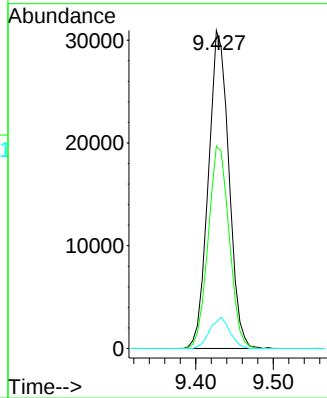
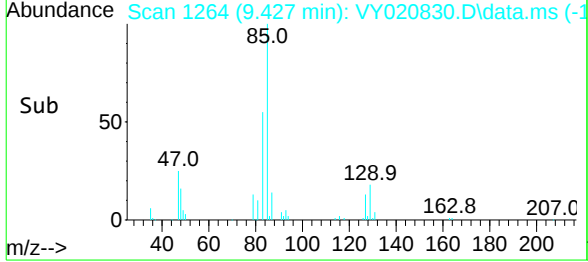
Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBS01



Tgt Ion: 83 Resp: 56928
Ion Ratio Lower Upper
83 100
85 63.6 50.7 76.1
127 8.3 7.9 11.9

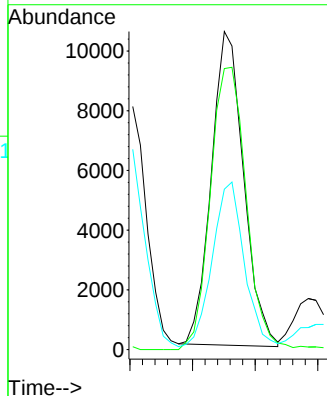
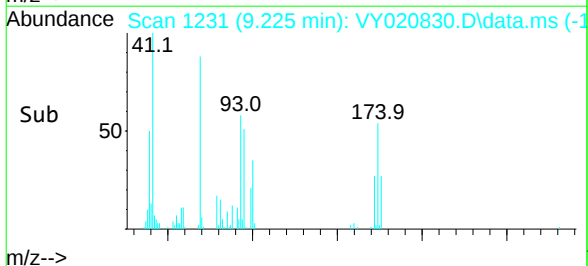
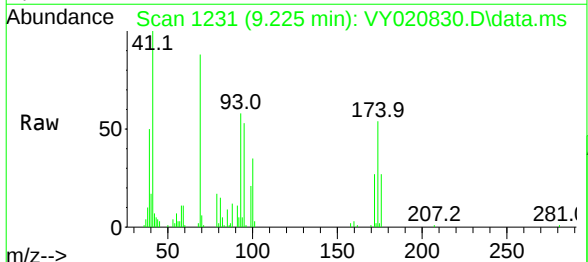
Manual Integrations
APPROVED

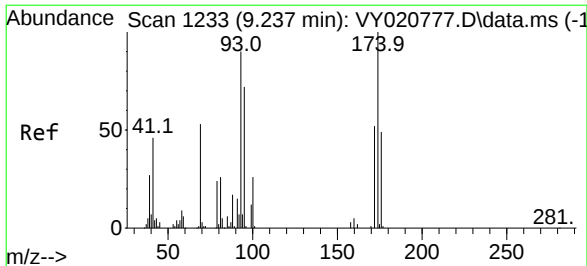
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#48
Methyl methacrylate
Concen: 20.354 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

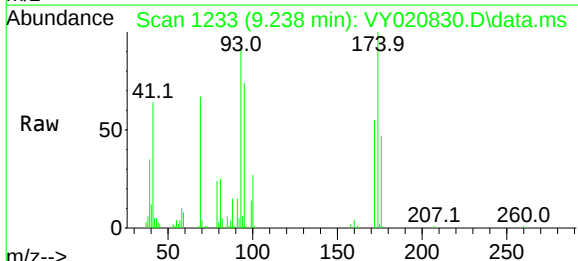
Tgt Ion: 41 Resp: 18841
Ion Ratio Lower Upper
41 100
69 100.1 78.9 118.3
39 52.1 44.6 67.0





#49
1,4-Dioxane
Concen: 416.500 ug/l
RT: 9.238 min Scan# 1233
Delta R.T. 0.000 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

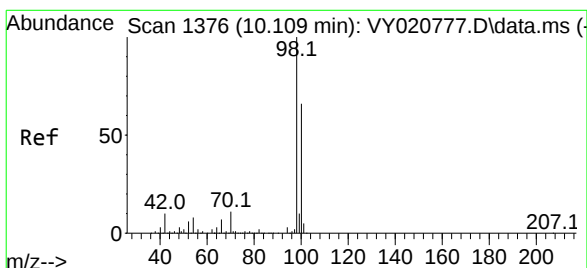
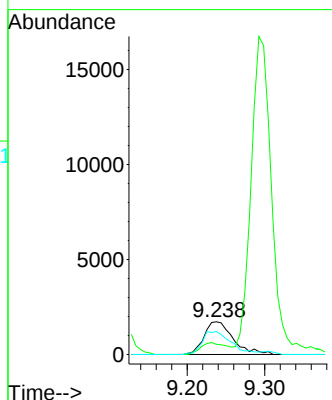
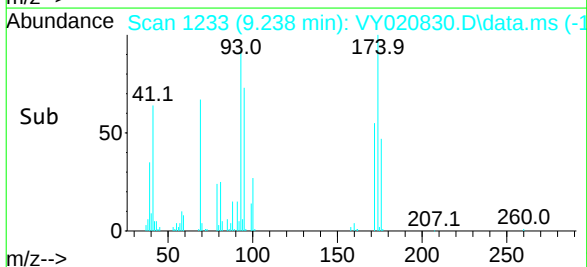
Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBSD01



Tgt Ion: 88 Resp: 4507
Ion Ratio Lower Upper
88 100
43 31.5 24.4 36.6
58 70.6 51.0 76.6

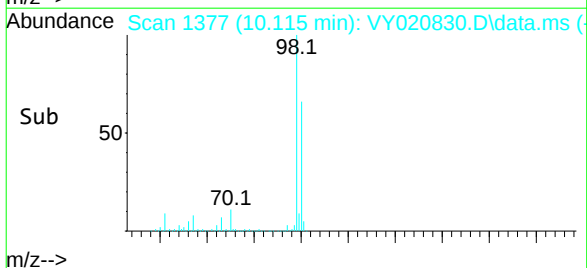
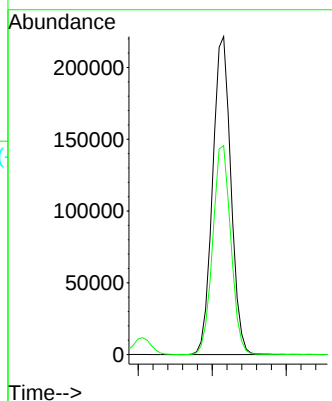
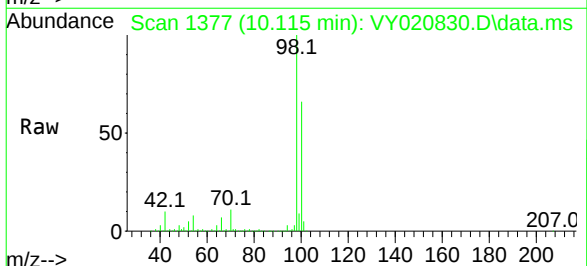
Manual Integrations
APPROVED

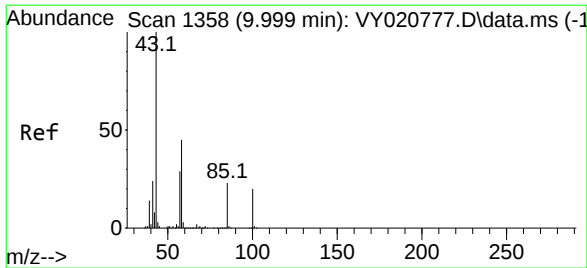
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#50
Toluene-d8
Concen: 54.387 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

Tgt Ion: 98 Resp: 379176
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7





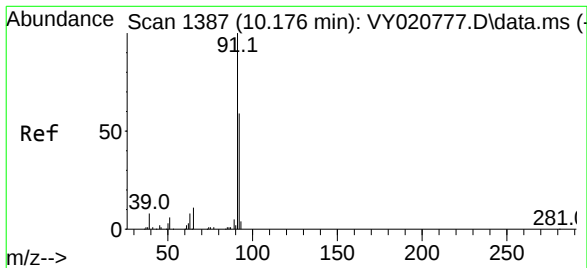
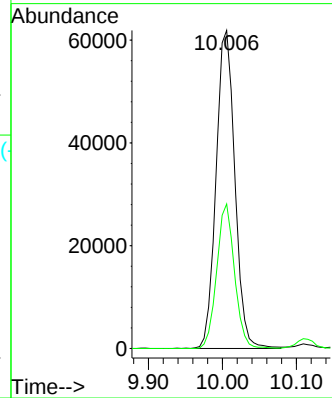
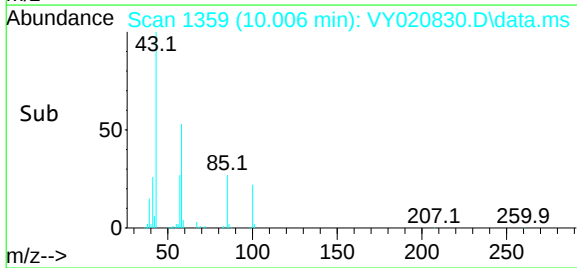
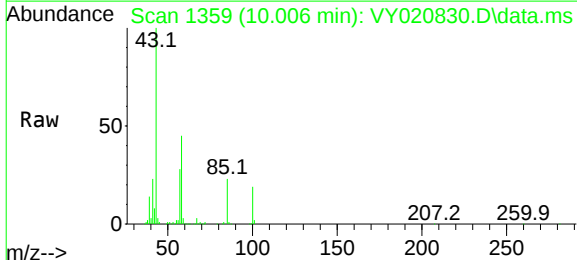
#51
4-Methyl-2-Pentanone
Concen: 105.866 ug/l
RT: 10.006 min Scan# 1358
Delta R.T. 0.006 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBS01

Tgt Ion: 43 Resp: 109203
Ion Ratio Lower Upper
43 100
58 43.0 34.8 52.2

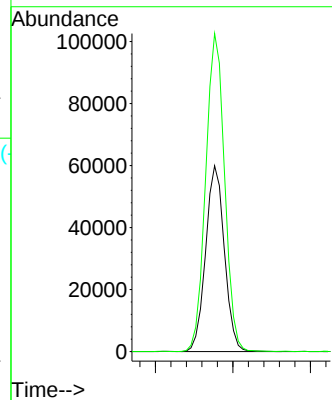
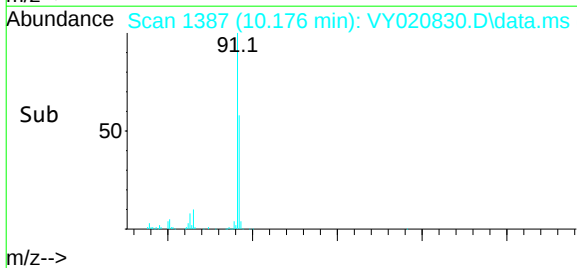
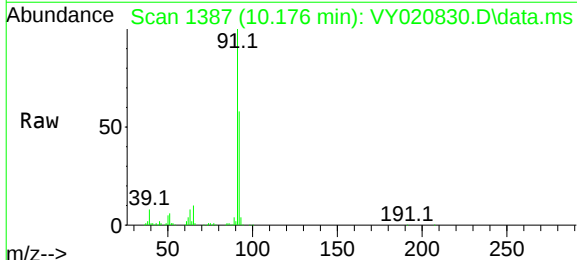
Manual Integrations
APPROVED

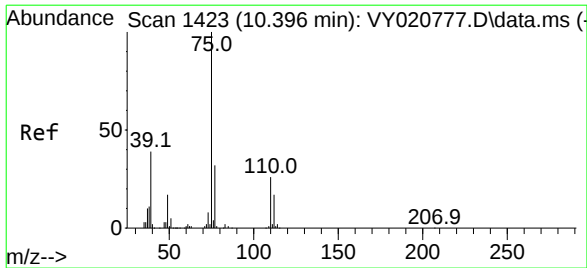
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#52
Toluene
Concen: 19.446 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

Tgt Ion: 92 Resp: 100817
Ion Ratio Lower Upper
92 100
91 172.3 136.6 204.8





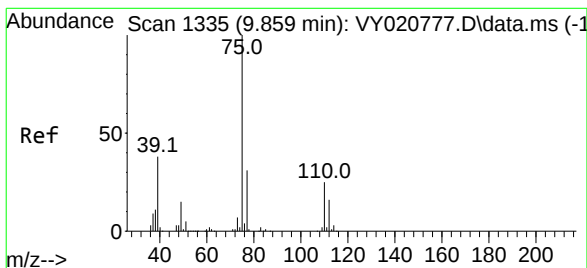
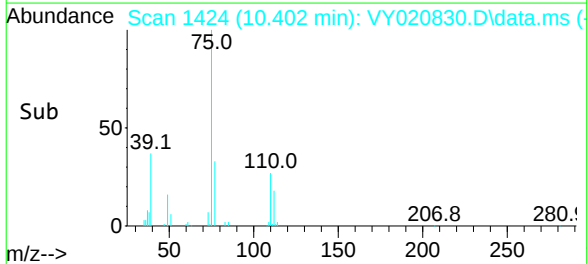
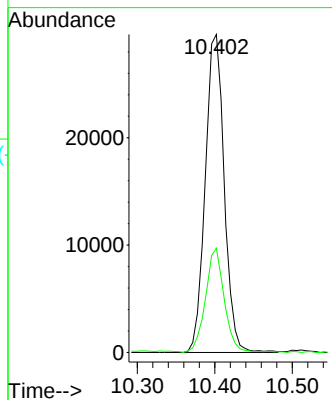
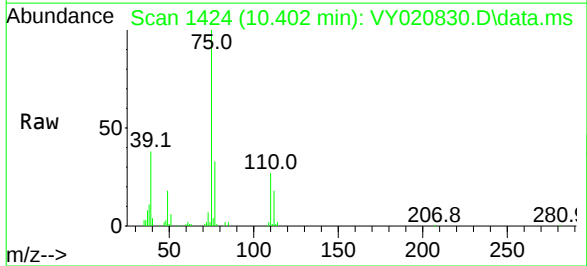
#53
t-1,3-Dichloropropene
Concen: 19.412 ug/l
RT: 10.402 min Scan# 1423
Delta R.T. 0.006 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBSD01

Tgt Ion: 75 Resp: 50396
Ion Ratio Lower Upper
75 100
77 32.6 25.2 37.8

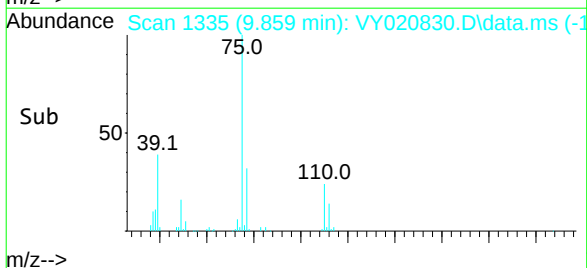
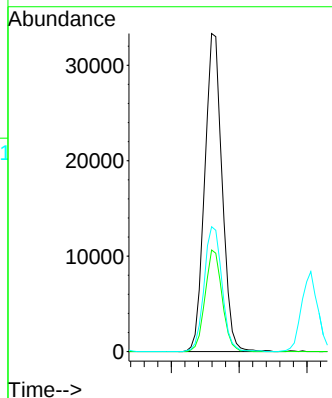
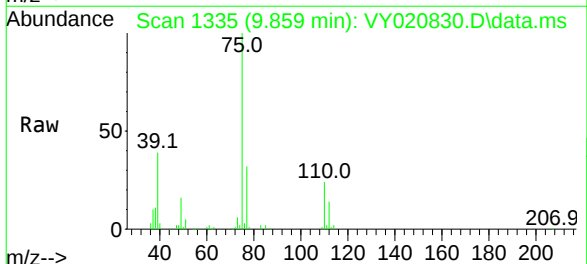
Manual Integrations
APPROVED

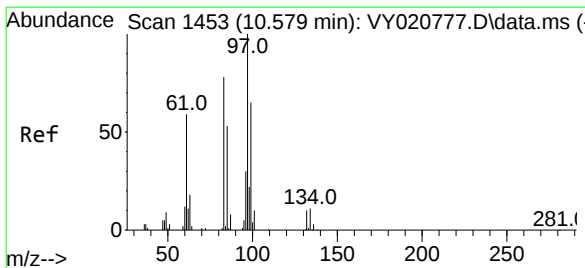
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#54
cis-1,3-Dichloropropene
Concen: 19.712 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

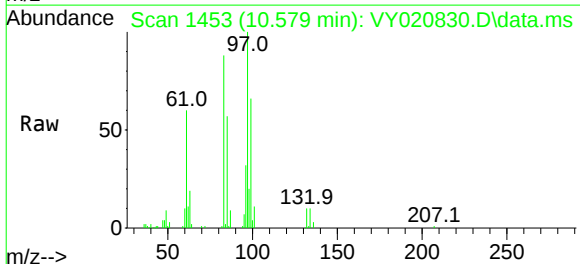
Tgt Ion: 75 Resp: 59432
Ion Ratio Lower Upper
75 100
77 31.9 24.5 36.7
39 39.3 30.7 46.1





#55
1,1,2-Trichloroethane
Concen: 19.988 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. 0.000 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

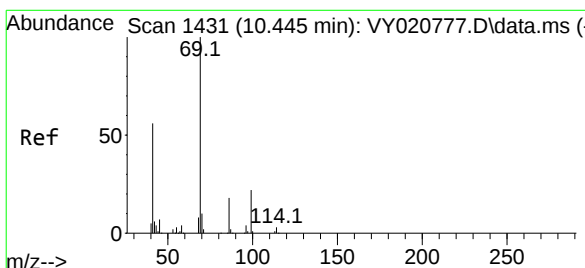
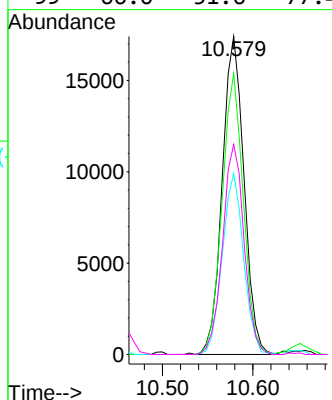
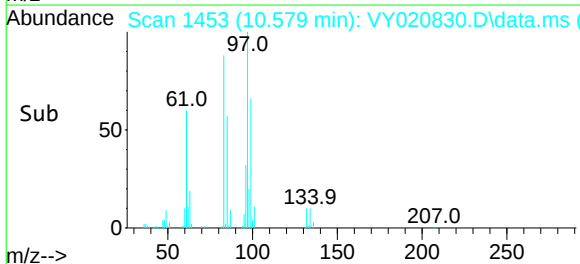
Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBS01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.3	62.8	94.2
85	56.9	42.4	63.6
99	66.0	51.6	77.4

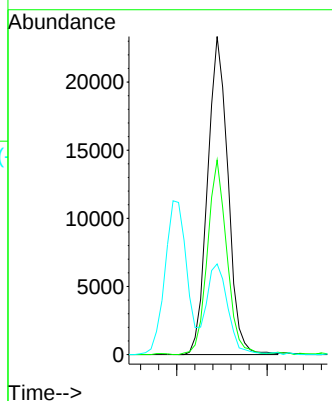
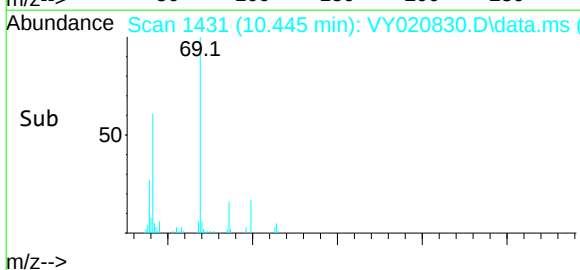
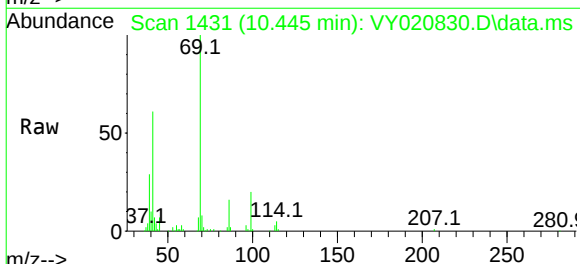
Manual Integrations
APPROVED

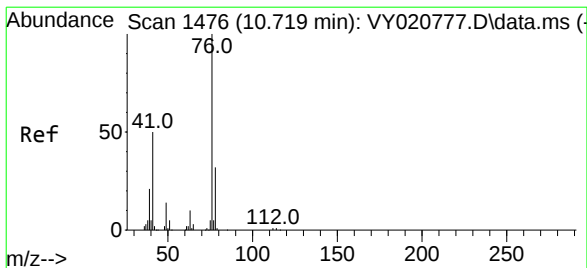
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#56
Ethyl methacrylate
Concen: 19.894 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

Tgt Ion	Ratio	Lower	Upper
69	100		
41	58.2	46.6	69.8
39	30.8	25.7	38.5





#57

1,3-Dichloropropane

Concen: 20.511 ug/l

RT: 10.725 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VY020830.D

Acq: 15 Jan 2025 11:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0115SBS01

Tgt Ion: 76 Resp: 48680

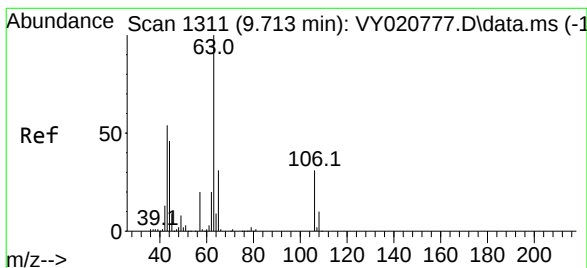
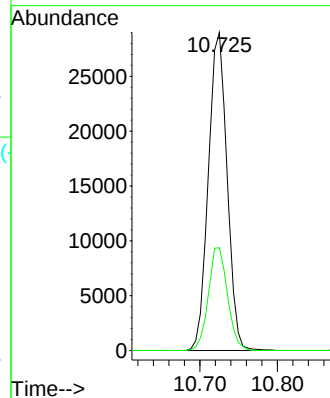
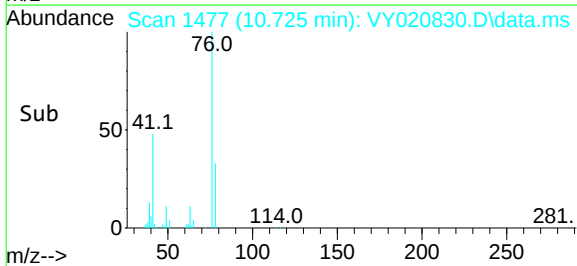
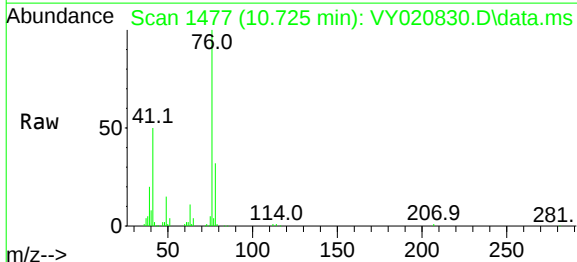
Ion Ratio Lower Upper

76 100

78 33.1 26.1 39.1

Manual Integrations

APPROVED

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

#58

2-Chloroethyl Vinyl ether

Concen: 95.170 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY020830.D

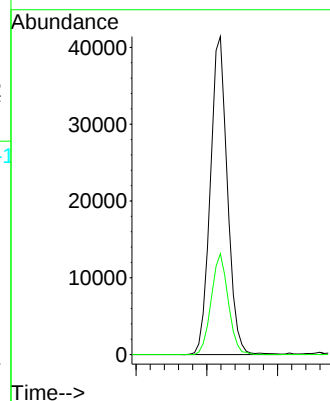
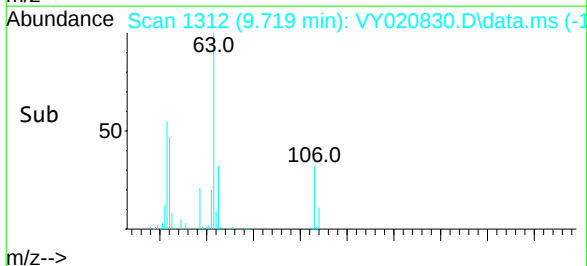
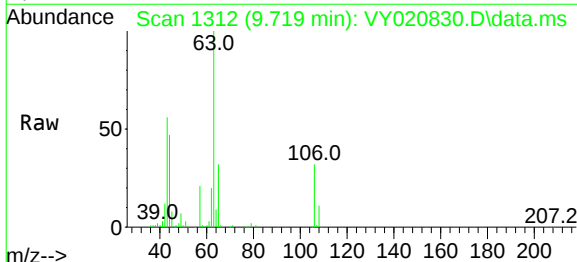
Acq: 15 Jan 2025 11:27

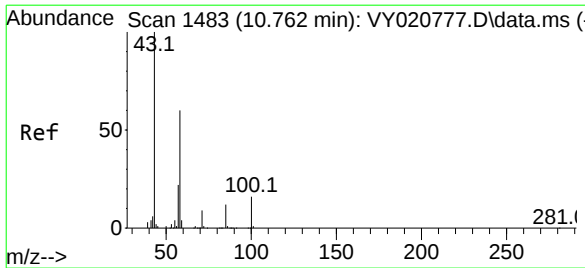
Tgt Ion: 63 Resp: 69426

Ion Ratio Lower Upper

63 100

106 31.4 25.9 38.9





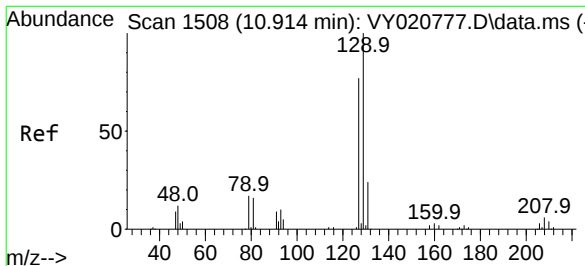
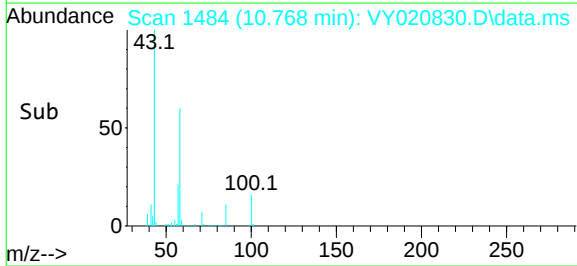
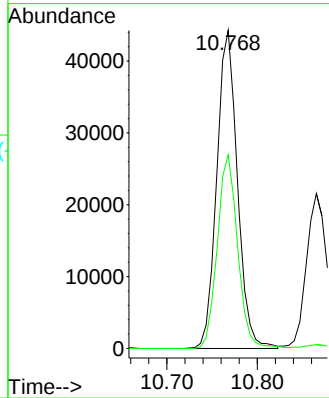
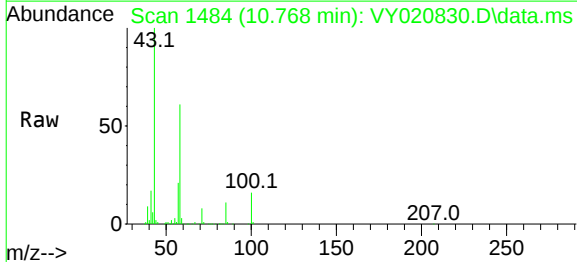
#59
2-Hexanone
Concen: 106.001 ug/l
RT: 10.768 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBS01

Tgt Ion: 43 Resp: 70148
Ion Ratio Lower Upper
43 100
58 59.9 30.6 92.0

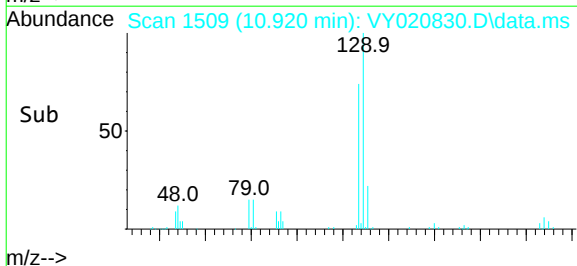
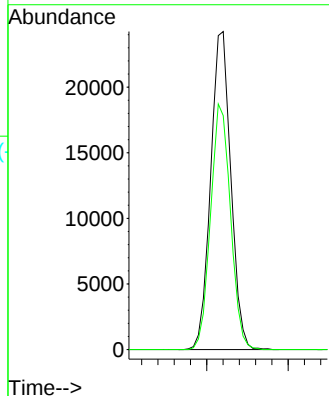
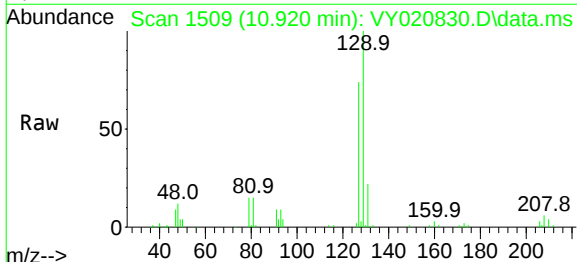
Manual Integrations
APPROVED

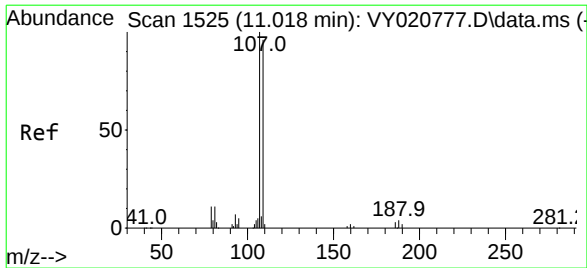
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#60
Dibromochloromethane
Concen: 19.782 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

Tgt Ion:129 Resp: 41775
Ion Ratio Lower Upper
129 100
127 76.1 38.3 114.9





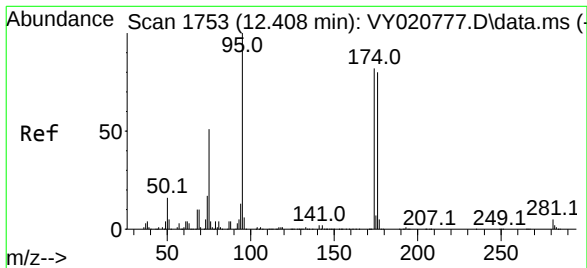
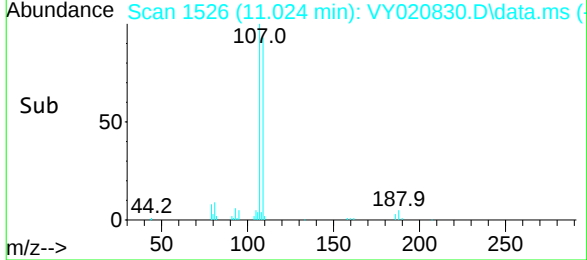
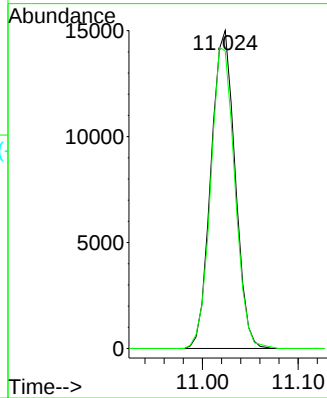
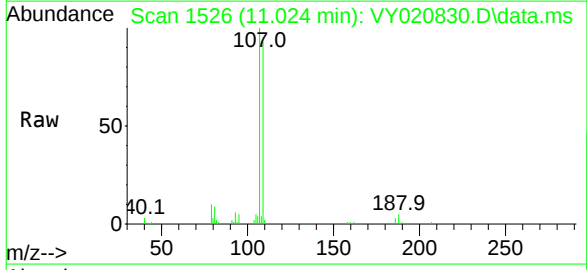
#61
1,2-Dibromoethane
Concen: 20.028 ug/l
RT: 11.024 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0115BSD01

Tgt Ion: 107 Resp: 26181
Ion Ratio Lower Upper
107 100
109 95.3 75.5 113.3

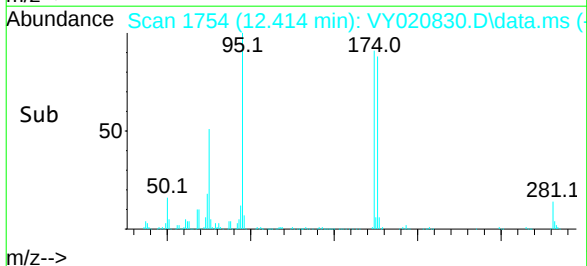
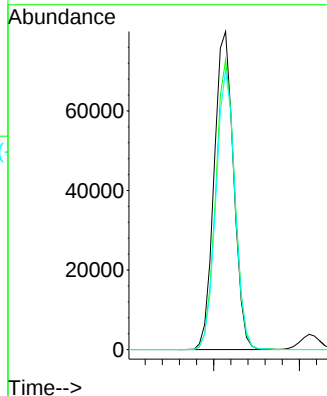
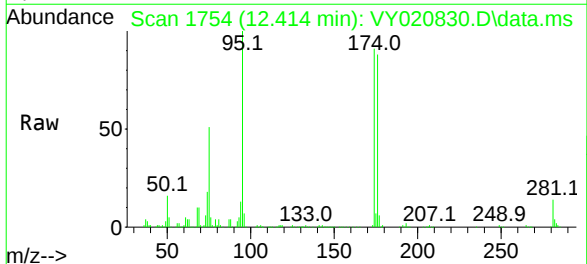
Manual Integrations
APPROVED

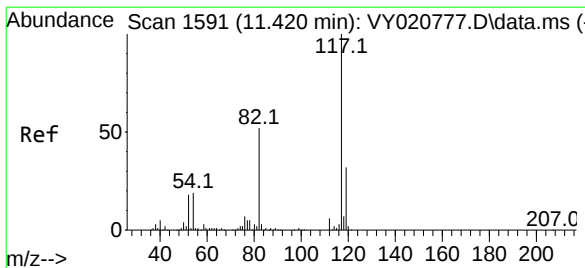
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#62
4-Bromofluorobenzene
Concen: 48.960 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

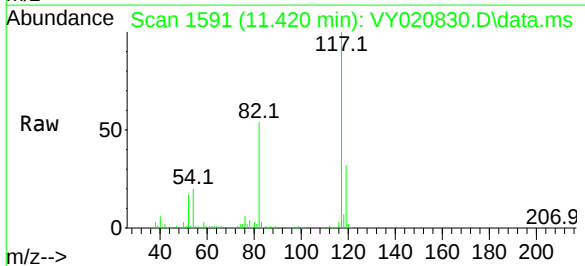
Tgt Ion: 95 Resp: 126051
Ion Ratio Lower Upper
95 100
174 89.4 0.0 178.0
176 85.9 0.0 172.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

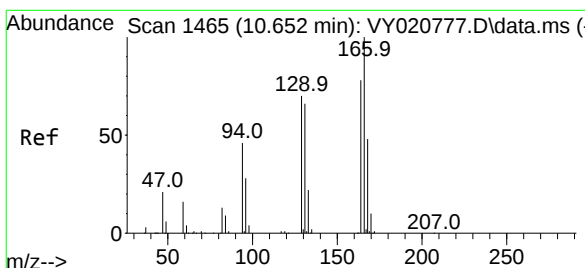
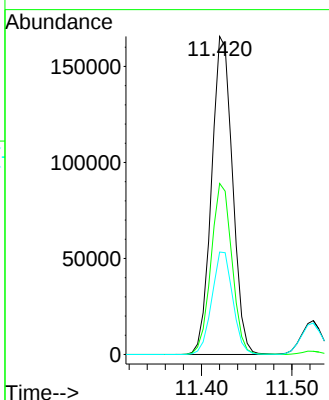
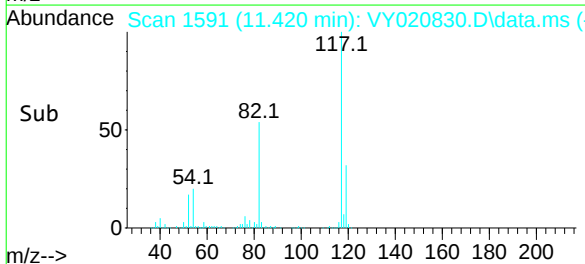
Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBS01



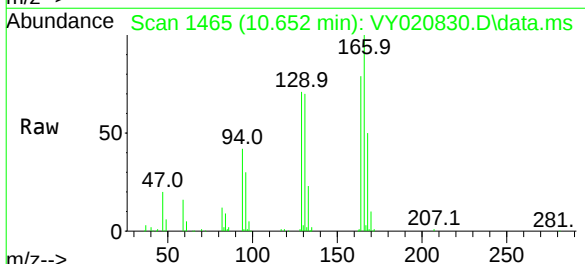
Tgt Ion:117 Resp: 266523
Ion Ratio Lower Upper
117 100
82 53.8 41.8 62.6
119 32.2 25.8 38.8

Manual Integrations
APPROVED

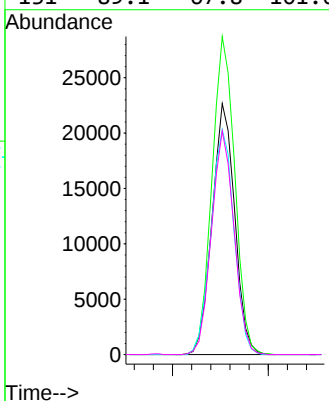
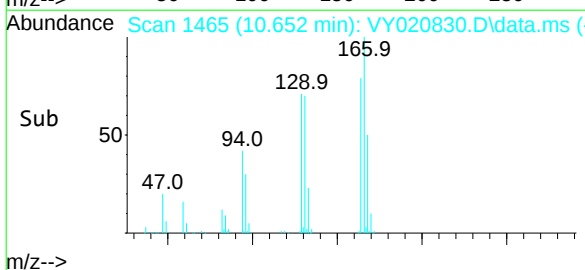
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

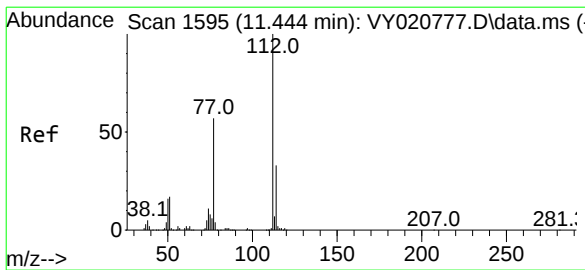


#64
Tetrachloroethene
Concen: 18.974 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27



Tgt Ion:164 Resp: 37180
Ion Ratio Lower Upper
164 100
166 126.7 102.0 153.0
129 89.7 71.4 107.2
131 89.1 67.8 101.6





#65

Chlorobenzene

Concen: 19.561 ug/l

RT: 11.451 min Scan# 1595

Delta R.T. 0.006 min

Lab File: VY020830.D

Acq: 15 Jan 2025 11:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0115BSD01

Tgt Ion:112 Resp: 115268

Ion Ratio Lower Upper

112 100

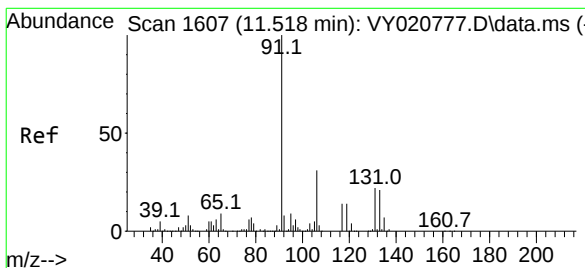
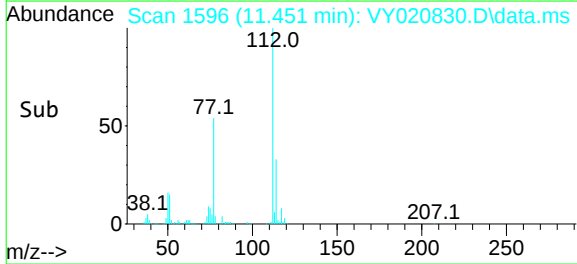
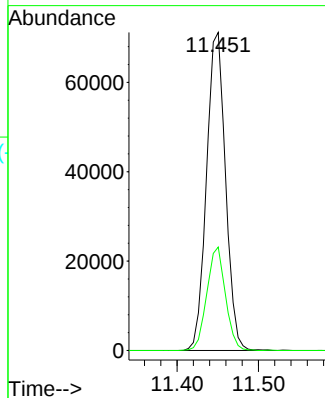
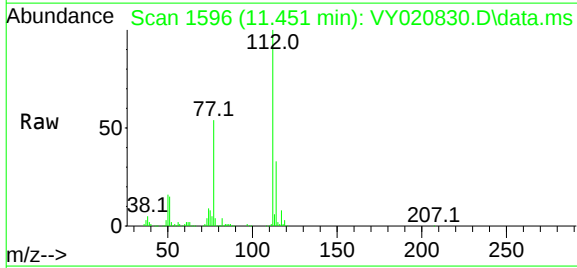
114 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/16/2025

Supervised By :Semsettin Yesilyurt 01/16/2025



#66

1,1,1,2-Tetrachloroethane

Concen: 19.761 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY020830.D

Acq: 15 Jan 2025 11:27

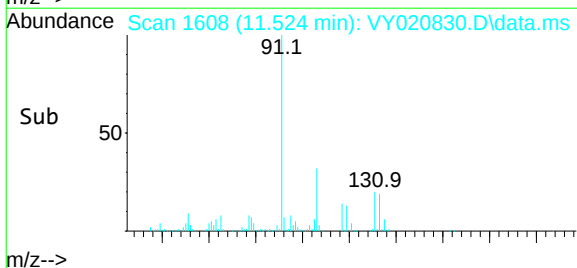
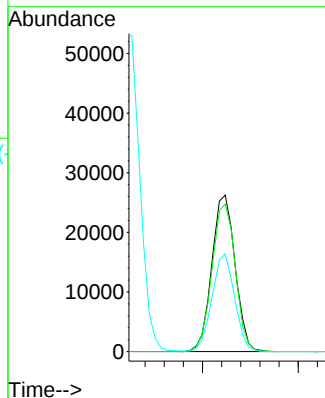
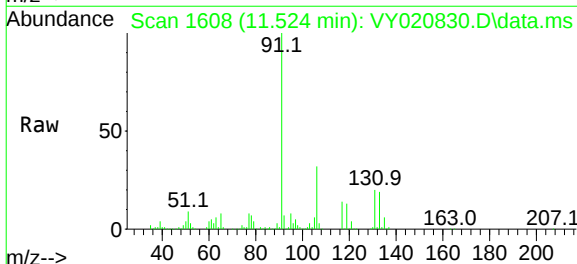
Tgt Ion:131 Resp: 44330

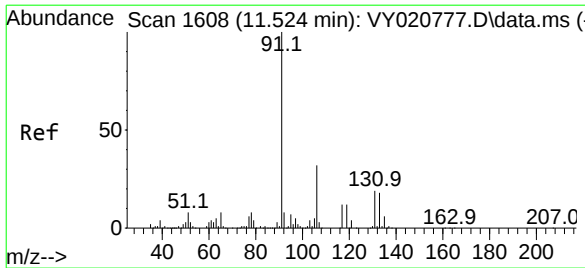
Ion Ratio Lower Upper

131 100

133 94.4 46.9 140.8

119 60.7 30.2 90.6





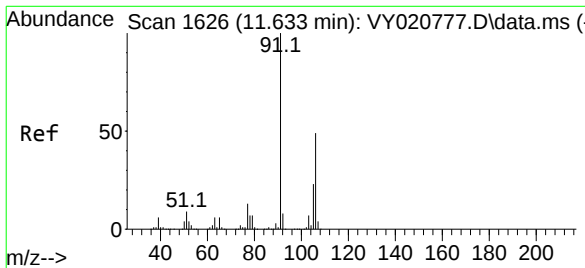
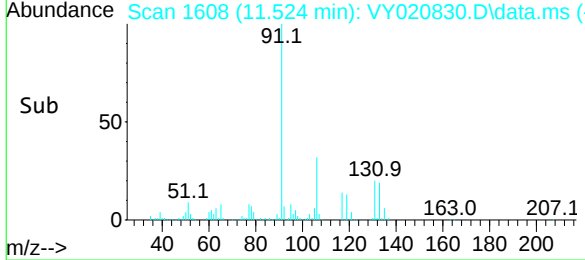
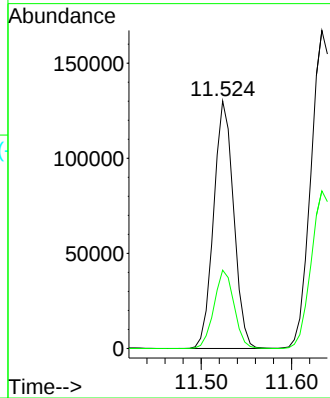
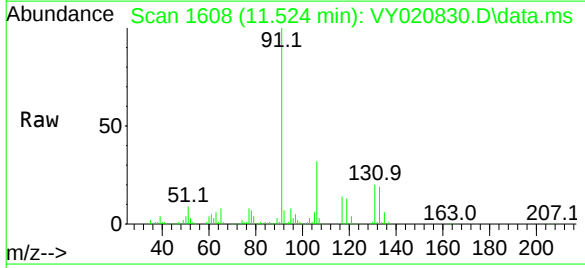
#67
Ethyl Benzene
Concen: 19.615 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.000 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBS01

Tgt Ion: 91 Resp: 200122
Ion Ratio Lower Upper
91 100
106 31.6 25.5 38.3

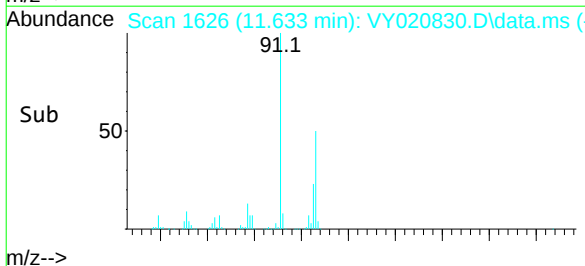
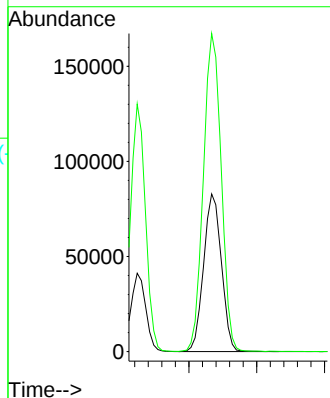
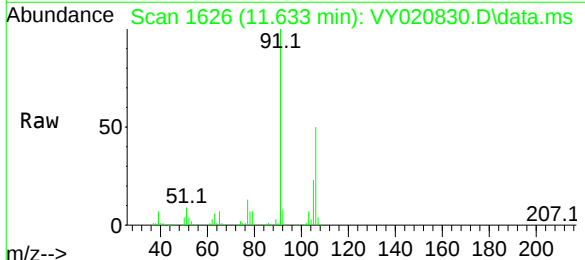
Manual Integrations
APPROVED

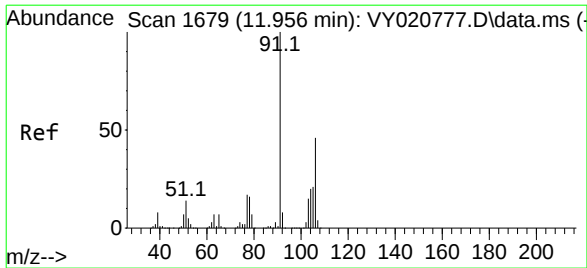
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#68
m/p-Xylenes
Concen: 38.465 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

Tgt Ion:106 Resp: 151091
Ion Ratio Lower Upper
106 100
91 202.2 162.6 243.8





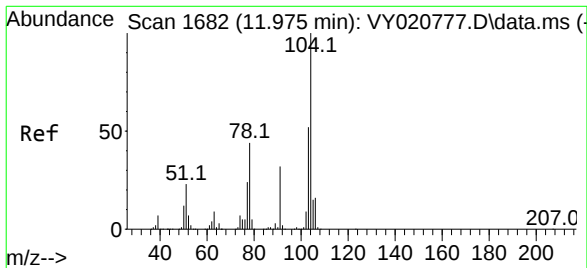
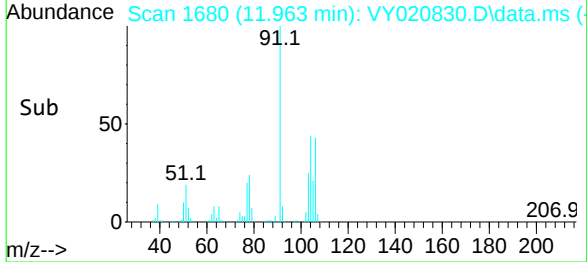
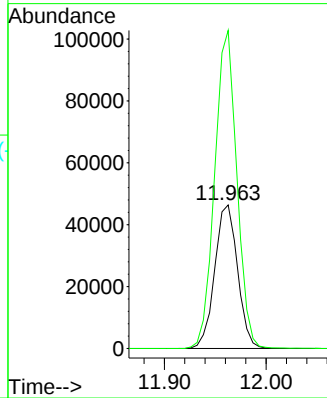
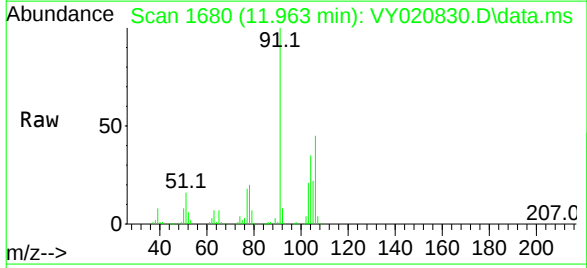
#69
o-Xylene
Concen: 19.415 ug/l
RT: 11.963 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBSD01

Tgt Ion:106 Resp: 72310
Ion Ratio Lower Upper
106 100
91 215.1 108.2 324.6

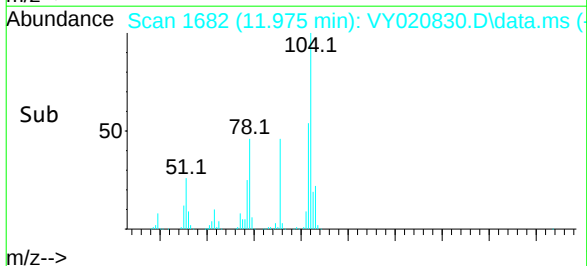
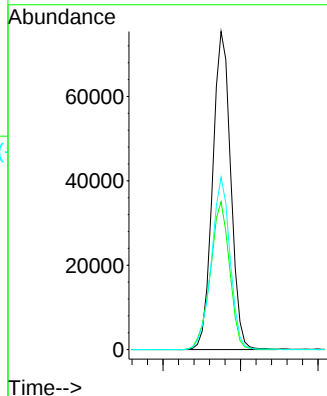
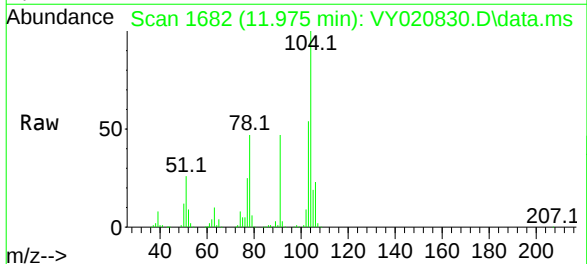
Manual Integrations
APPROVED

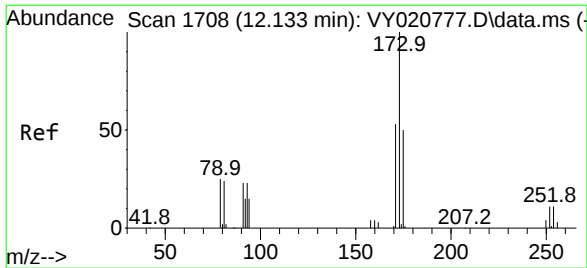
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#70
Styrene
Concen: 19.529 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

Tgt Ion:104 Resp: 122433
Ion Ratio Lower Upper
104 100
78 49.2 39.4 59.2
103 55.6 44.0 66.0





#71

Bromoform

Concen: 19.749 ug/l

RT: 12.139 min Scan# 1708

Delta R.T. 0.006 min

Lab File: VY020830.D

Acq: 15 Jan 2025 11:27

Instrument :

MSVOA_Y

ClientSampleId :

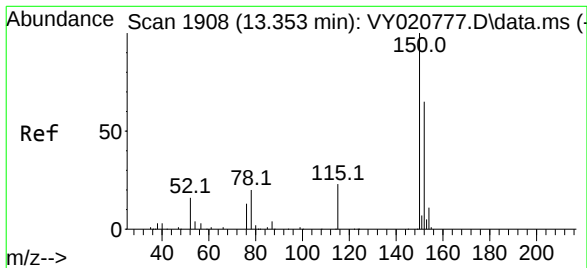
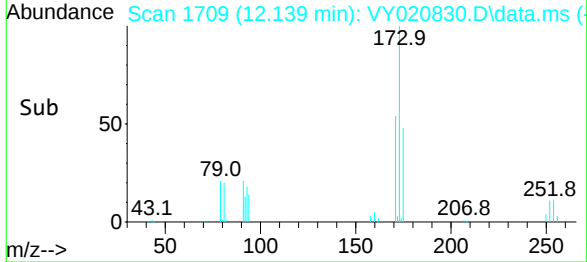
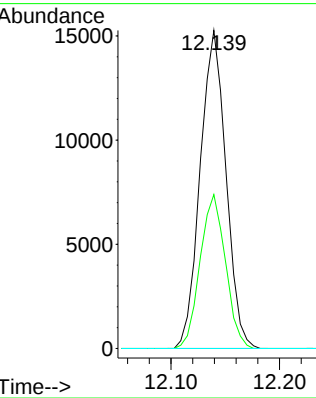
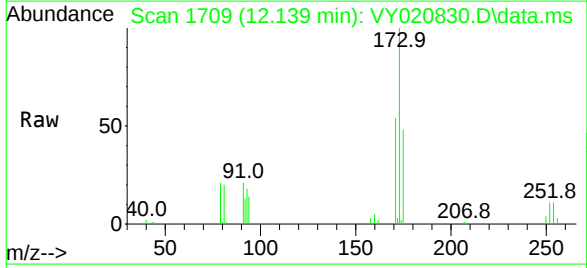
VY0115SBS01

Tgt Ion:	173	Resp:	25186
Ion Ratio	Lower	Upper	
173	100		
175	47.6	24.2	72.6
254	0.0	0.0	0.0

Manual Integrations

APPROVED

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

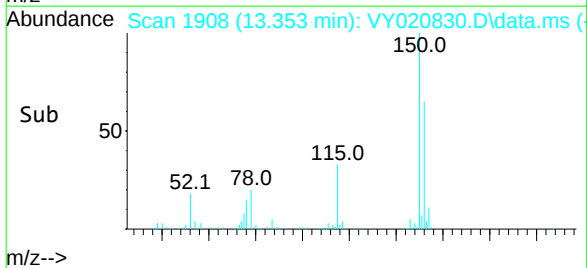
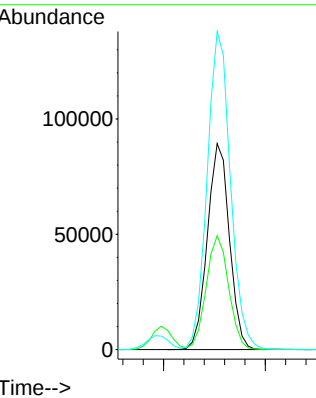
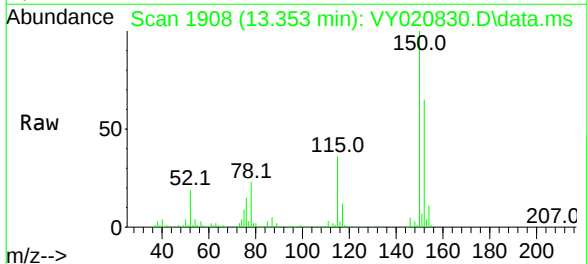
RT: 13.353 min Scan# 1908

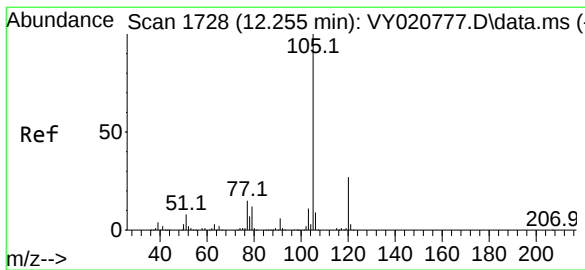
Delta R.T. 0.000 min

Lab File: VY020830.D

Acq: 15 Jan 2025 11:27

Tgt Ion:	152	Resp:	134605
Ion Ratio	Lower	Upper	
152	100		
115	56.1	29.0	87.0
150	162.8	0.0	347.4





#73

Isopropylbenzene

Concen: 18.848 ug/l

RT: 12.261 min Scan# 1728

Delta R.T. 0.006 min

Lab File: VY020830.D

Acq: 15 Jan 2025 11:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0115SBS01

Tgt Ion:105 Resp: 201270

Ion Ratio Lower Upper

105 100

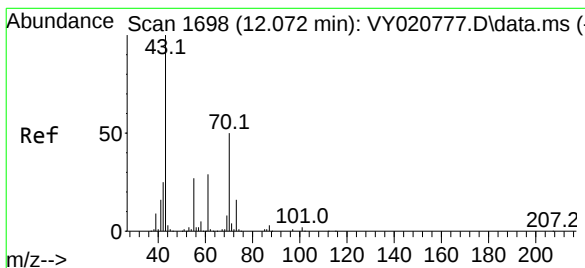
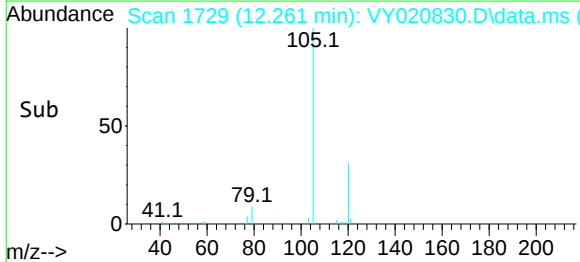
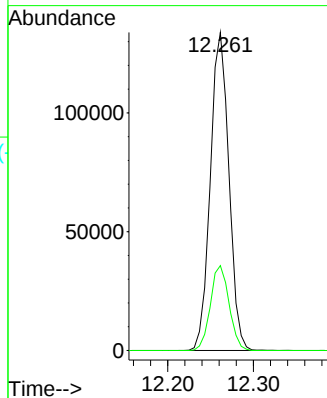
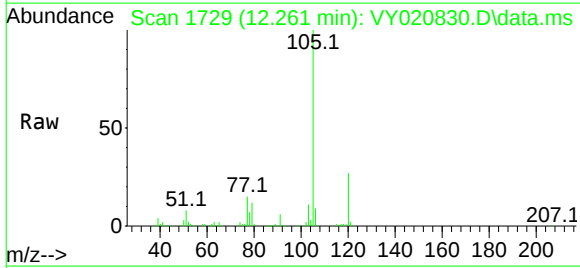
120 26.9 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/16/2025

Supervised By :Semsettin Yesilyurt 01/16/2025



#74

N-ethyl acetate

Concen: 20.192 ug/l

RT: 12.079 min Scan# 1699

Delta R.T. 0.006 min

Lab File: VY020830.D

Acq: 15 Jan 2025 11:27

Tgt Ion: 43 Resp: 35270

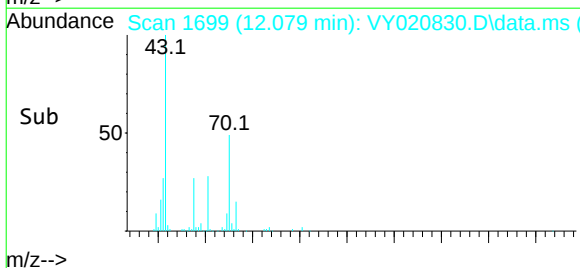
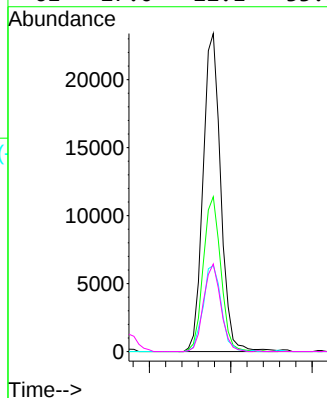
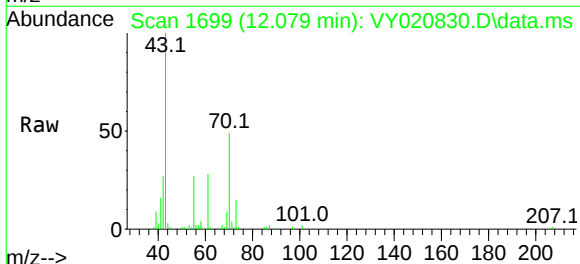
Ion Ratio Lower Upper

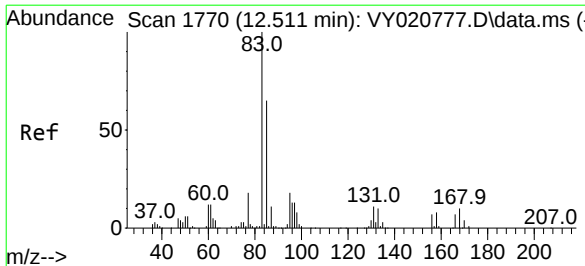
43 100

70 48.4 40.2 60.4

55 27.9 21.2 31.8

61 27.0 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.318 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY020830.D

Acq: 15 Jan 2025 11:27

Instrument :

MSVOA_Y

ClientSampleId :

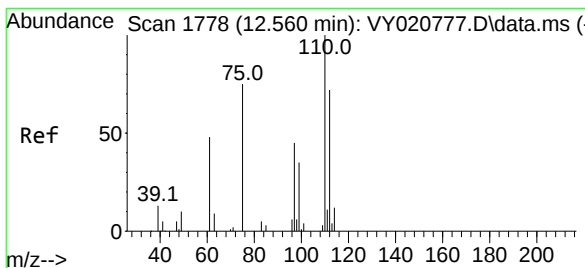
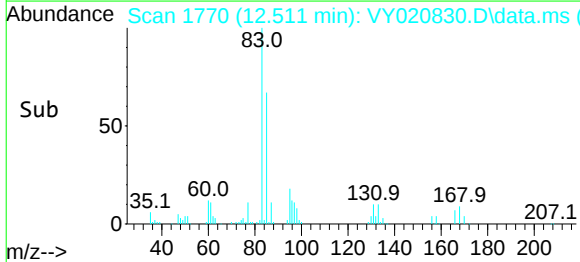
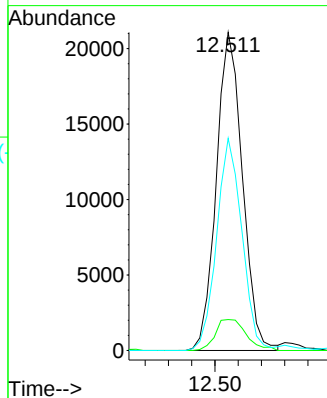
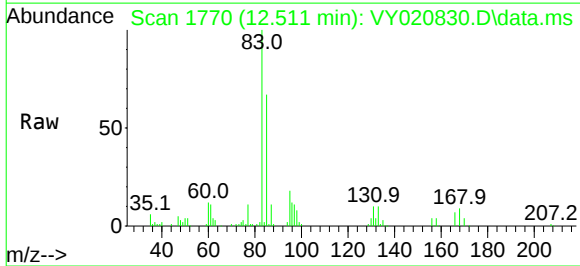
VY0115SBS01

Tgt Ion:	83	Resp:	32884
Ion Ratio	Lower	Upper	
83	100		
131	11.5	6.0	18.0
85	64.4	32.0	96.2

Manual Integrations

APPROVED

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



#76

1,2,3-Trichloropropane

Concen: 19.385 ug/l m

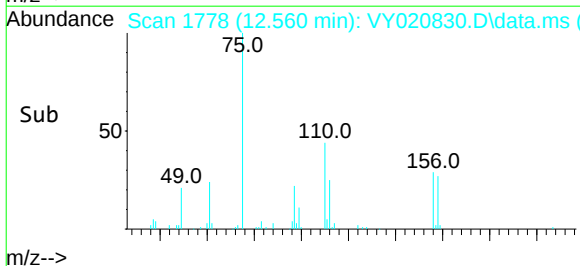
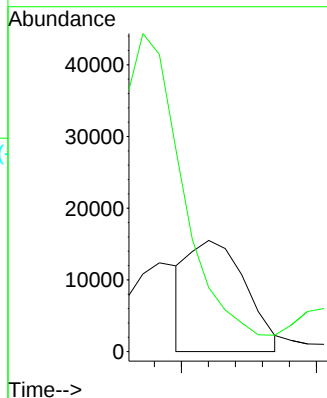
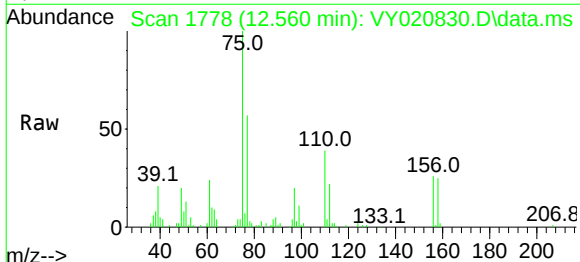
RT: 12.560 min Scan# 1778

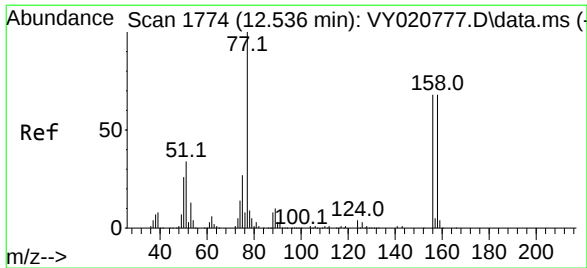
Delta R.T. 0.000 min

Lab File: VY020830.D

Acq: 15 Jan 2025 11:27

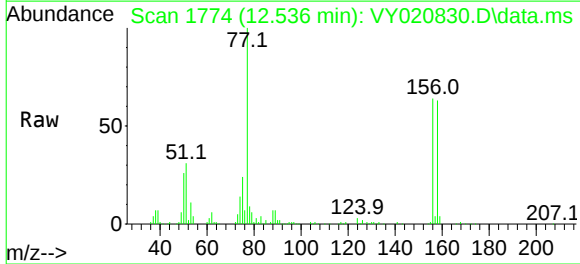
Tgt Ion:	75	Resp:	22831
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77
Bromobenzene
Concen: 18.980 ug/l
RT: 12.536 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

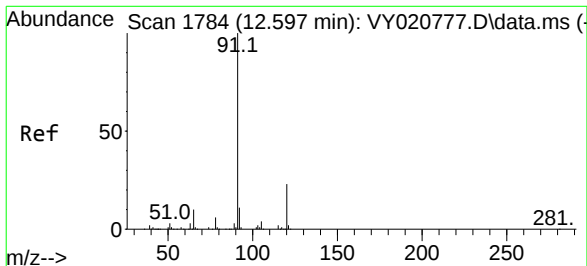
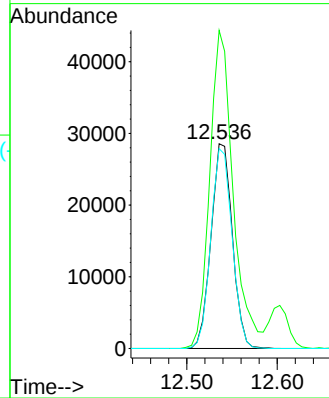
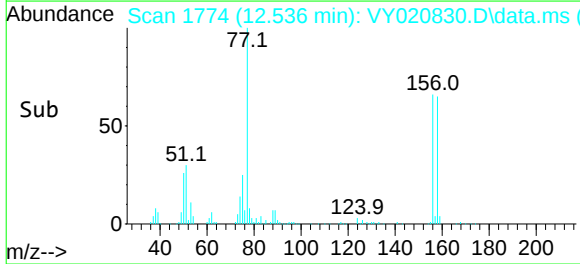
Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBS01



Tgt Ion: 156 Resp: 46728
Ion Ratio Lower Upper
156 100
77 170.9 82.3 247.0
158 97.7 48.0 144.0

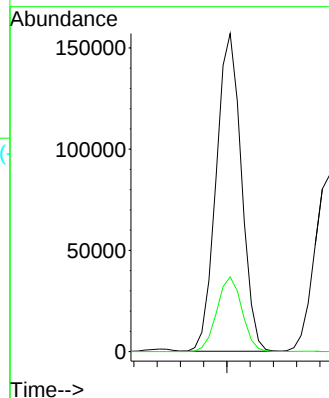
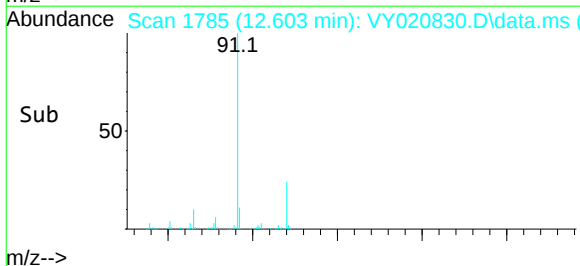
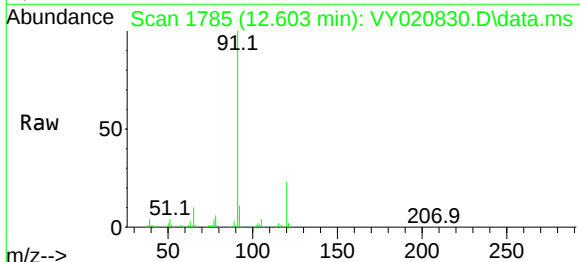
Manual Integrations
APPROVED

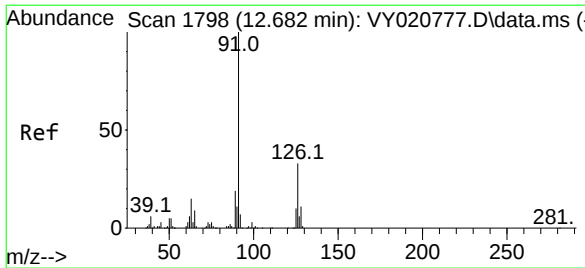
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#78
n-propylbenzene
Concen: 19.503 ug/l
RT: 12.603 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

Tgt Ion: 91 Resp: 236384
Ion Ratio Lower Upper
91 100
120 23.4 12.0 36.1





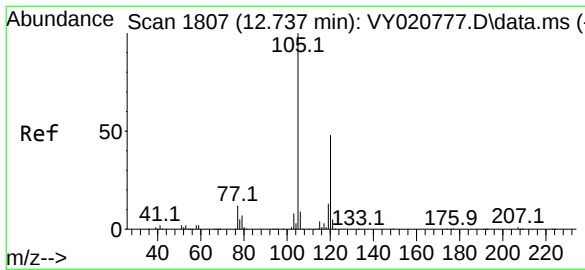
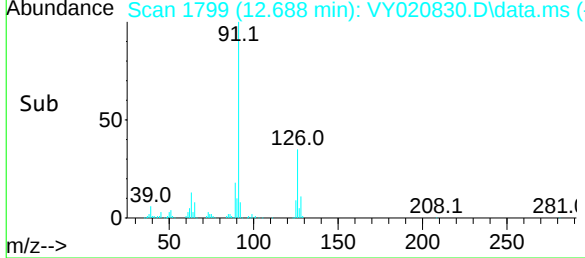
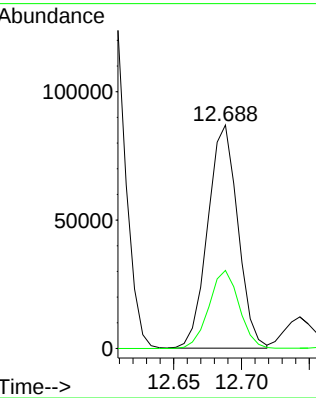
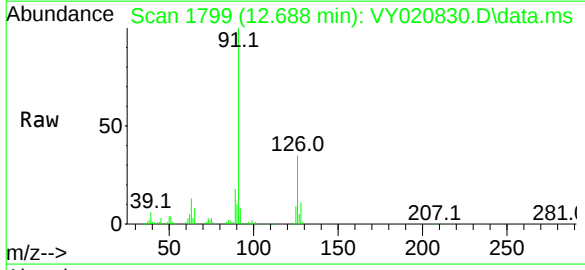
#79
2-Chlorotoluene
Concen: 19.221 ug/l
RT: 12.688 min Scan# 1799
Delta R.T. 0.006 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBSD01

Tgt Ion: 91 Resp: 134160
Ion Ratio Lower Upper
91 100
126 35.1 17.5 52.6

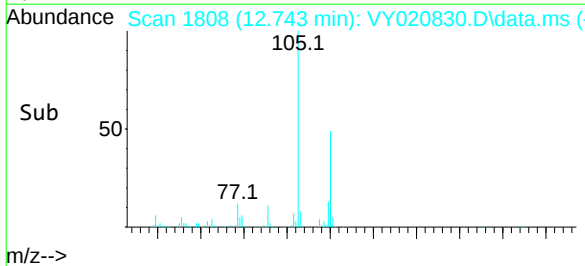
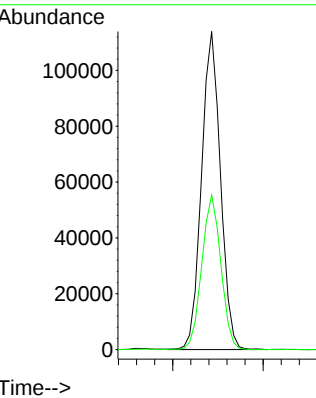
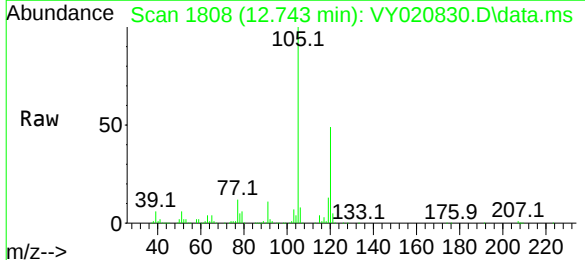
Manual Integrations
APPROVED

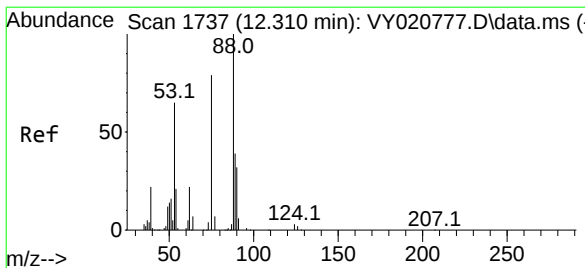
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.148 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

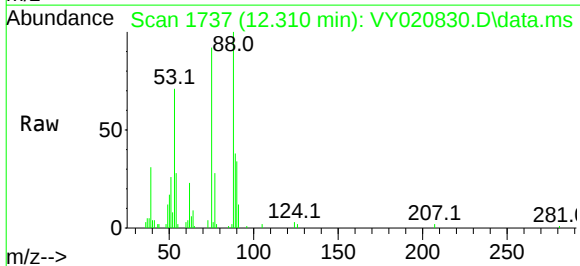
Tgt Ion:105 Resp: 165709
Ion Ratio Lower Upper
105 100
120 48.9 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 19.553 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. 0.000 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

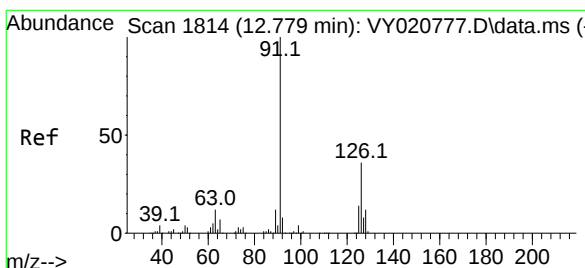
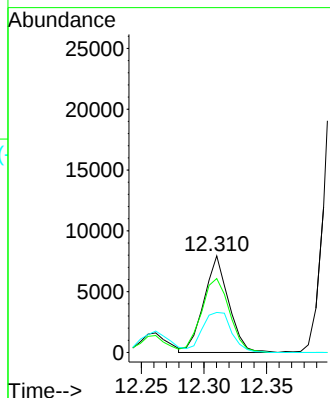
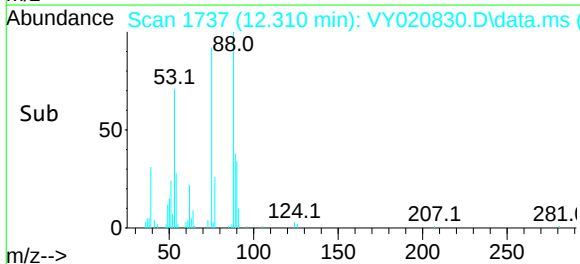
Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBSD01



Tgt Ion	Ratio	Lower	Upper
75	100		
53	87.0	69.4	104.0
89	48.9	39.6	59.4

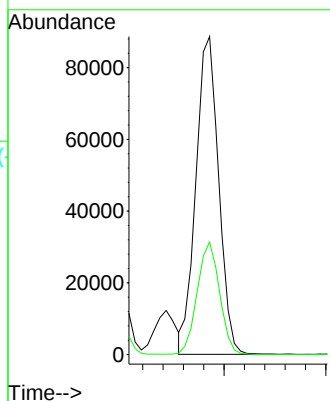
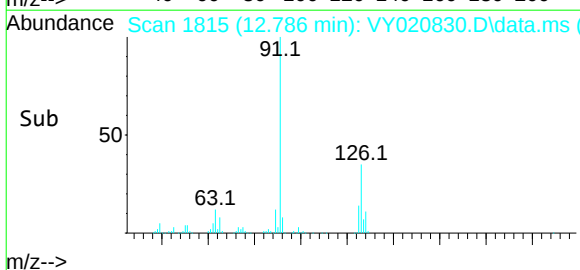
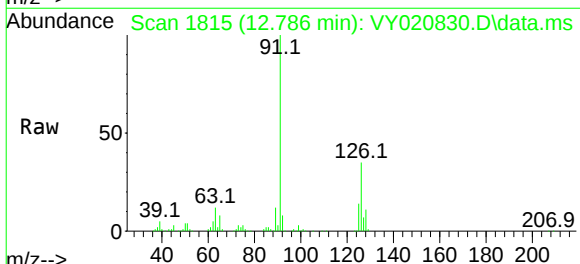
Manual Integrations
APPROVED

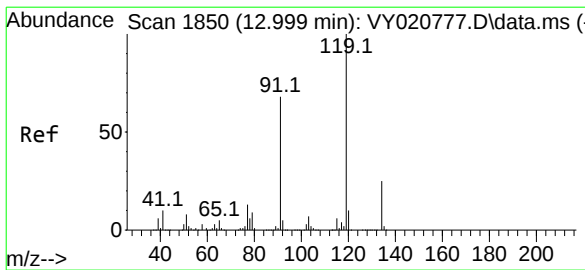
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#82
4-Chlorotoluene
Concen: 19.112 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.8	17.3	51.7





#83

tert-Butylbenzene

Concen: 19.330 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. 0.006 min

Lab File: VY020830.D

Acq: 15 Jan 2025 11:27

Instrument :

MSVOA_Y

ClientSampleId :

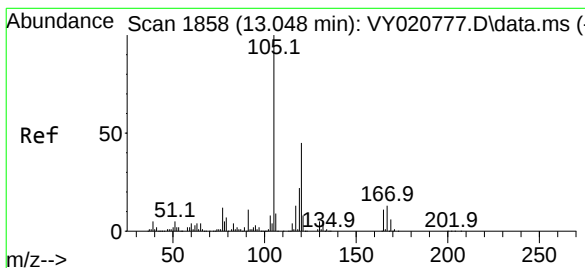
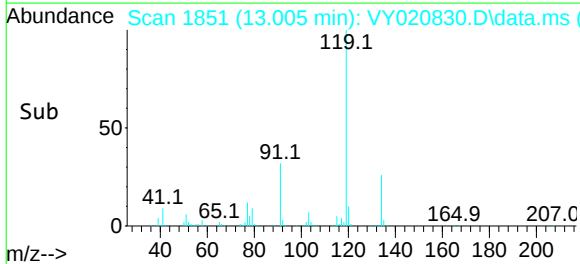
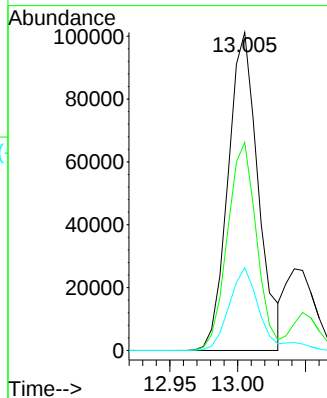
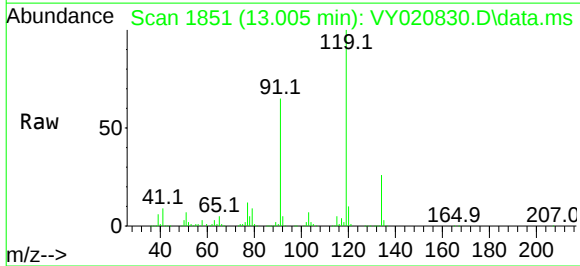
VY0115SBS01

Tgt Ion:	119	Resp:	156457
Ion Ratio	Lower	Upper	
119	100		
91	63.0	33.0	98.9
134	26.8	13.7	41.1

Manual Integrations

APPROVED

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



#84

1,2,4-Trimethylbenzene

Concen: 19.048 ug/l

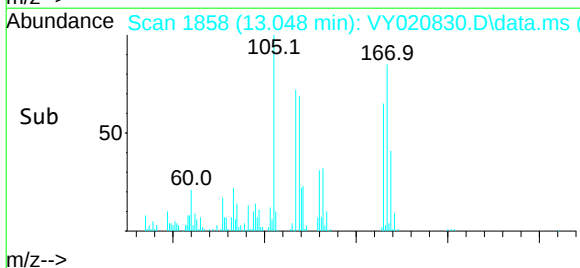
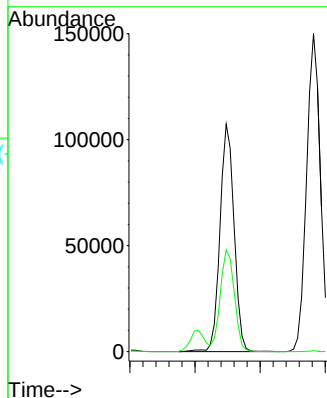
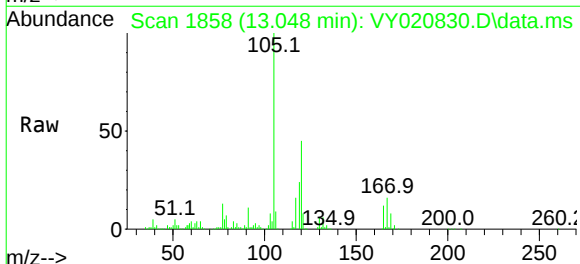
RT: 13.048 min Scan# 1858

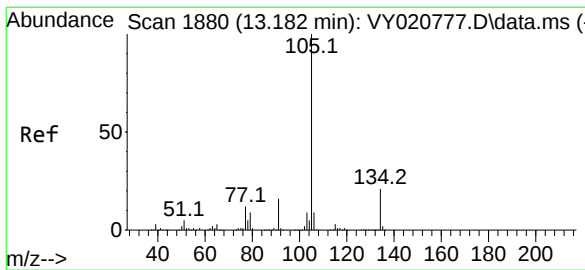
Delta R.T. 0.000 min

Lab File: VY020830.D

Acq: 15 Jan 2025 11:27

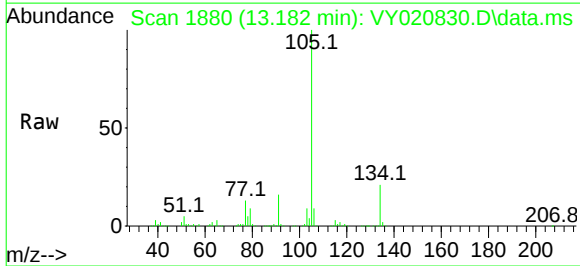
Tgt Ion:	105	Resp:	160972
Ion Ratio	Lower	Upper	
105	100		
120	44.9	22.4	67.2





#85
sec-Butylbenzene
Concen: 19.510 ug/l
RT: 13.182 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

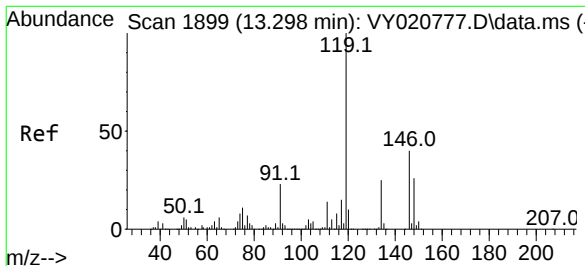
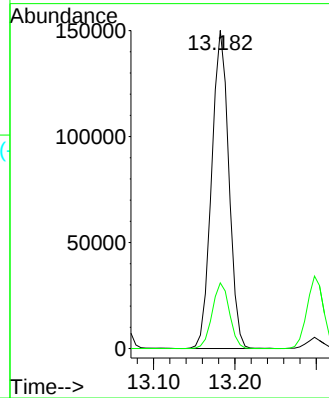
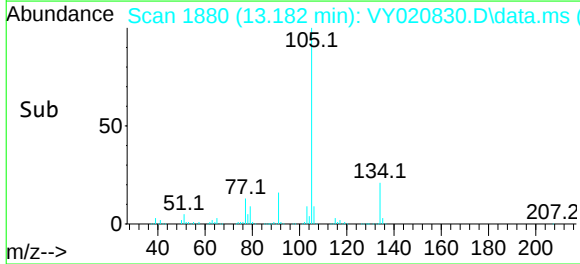
Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBSD01



Tgt Ion:105 Resp: 220576
Ion Ratio Lower Upper
105 100
134 20.7 10.5 31.5

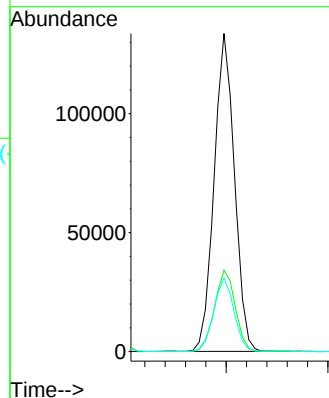
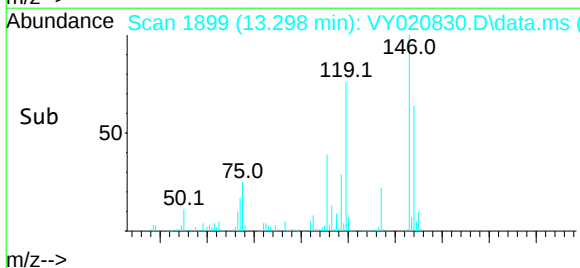
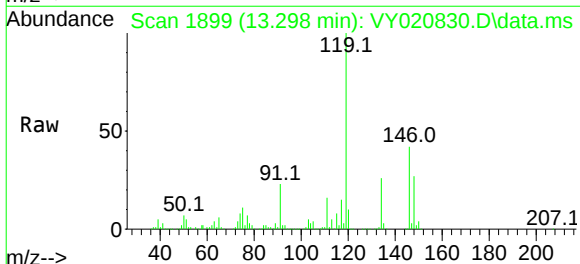
Manual Integrations
APPROVED

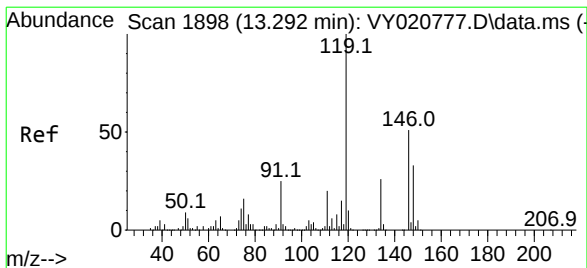
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#86
p-Isopropyltoluene
Concen: 19.218 ug/l
RT: 13.298 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

Tgt Ion:119 Resp: 185347
Ion Ratio Lower Upper
119 100
134 26.1 13.0 38.9
91 23.2 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 19.273 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY020830.D

Acq: 15 Jan 2025 11:27

Instrument :

MSVOA_Y

ClientSampleId :

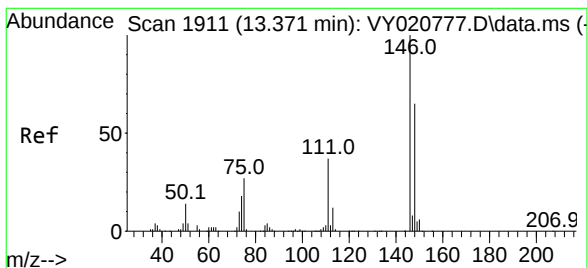
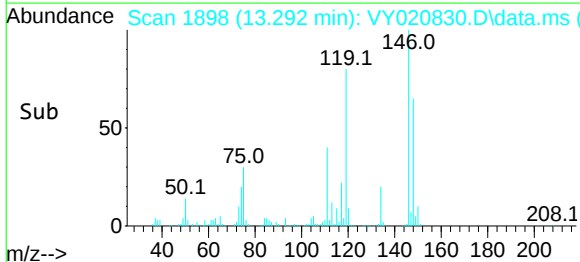
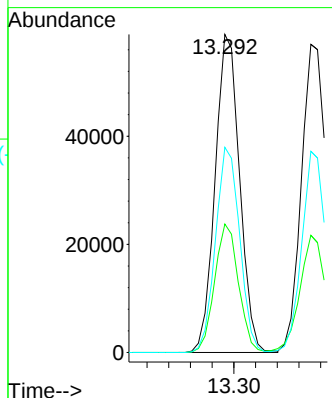
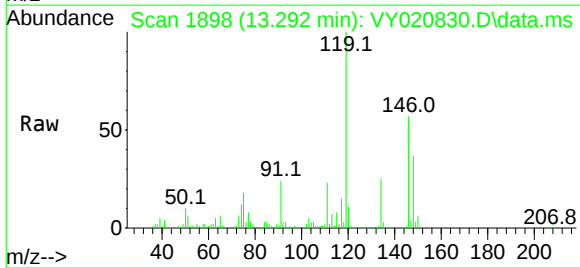
VY0115SBS01

Tgt Ion:	146	Resp:	92197
Ion Ratio	Lower	Upper	
146	100		
111	39.4	19.5	58.5
148	63.7	31.8	95.4

Manual Integrations

APPROVED

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



#88

1,4-Dichlorobenzene

Concen: 19.350 ug/l

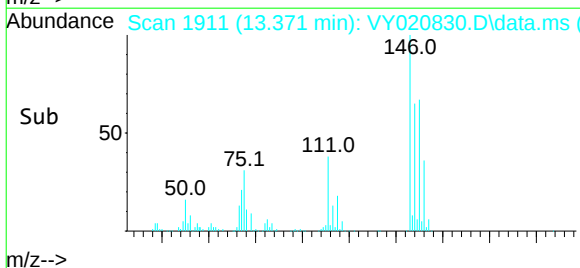
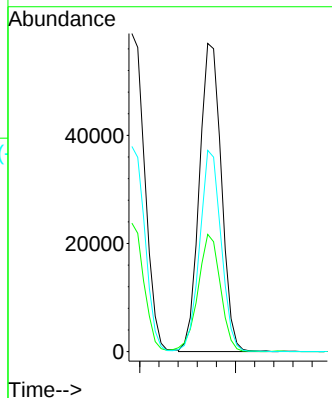
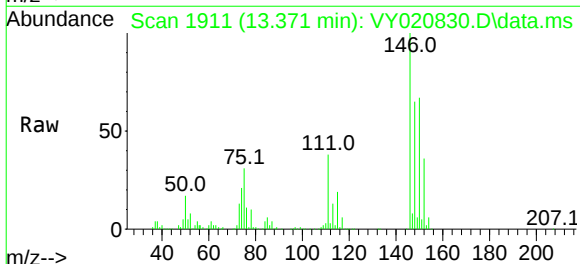
RT: 13.371 min Scan# 1911

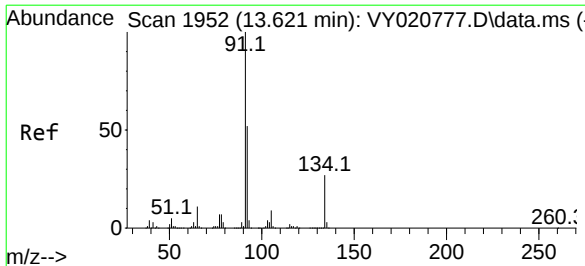
Delta R.T. 0.000 min

Lab File: VY020830.D

Acq: 15 Jan 2025 11:27

Tgt Ion:	146	Resp:	91120
Ion Ratio	Lower	Upper	
146	100		
111	38.8	19.1	57.3
148	63.6	32.1	96.5





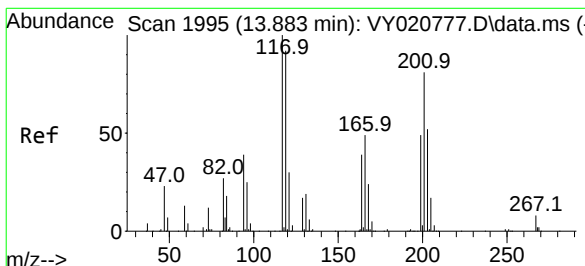
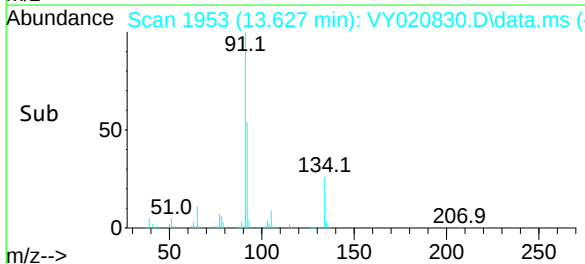
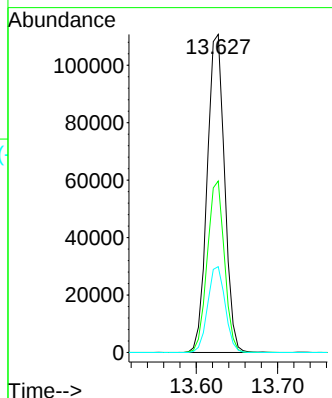
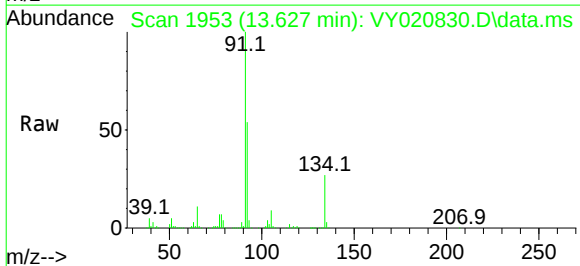
#89
n-Butylbenzene
Concen: 19.651 ug/l
RT: 13.627 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBSD01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.5	79.4
134	27.1	13.8	41.4

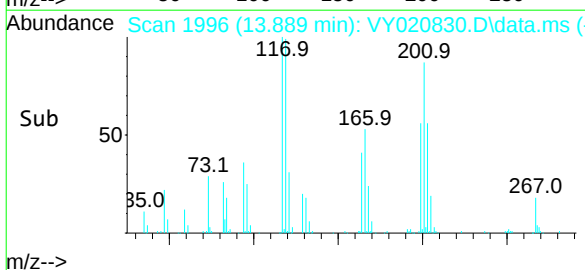
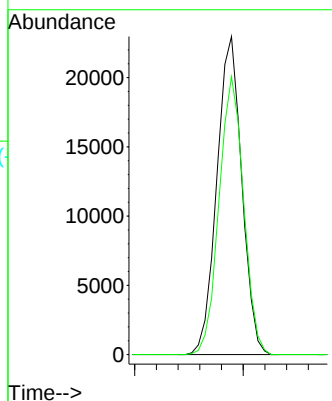
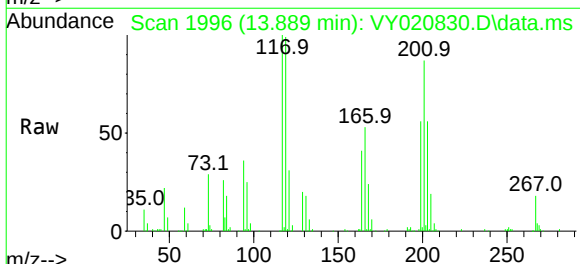
Manual Integrations
APPROVED

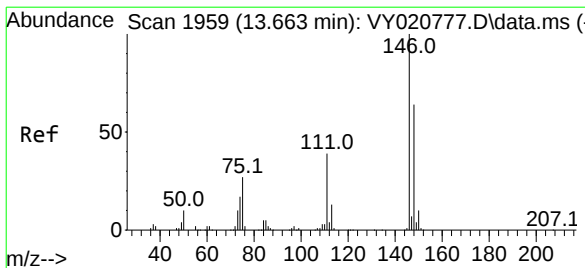
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#90
Hexachloroethane
Concen: 18.917 ug/l
RT: 13.889 min Scan# 1996
Delta R.T. 0.006 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.9	42.9	128.7





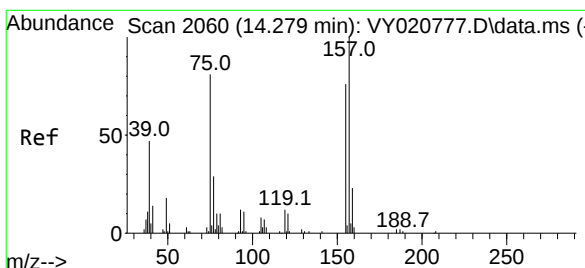
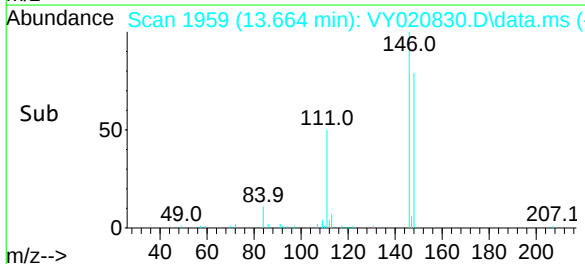
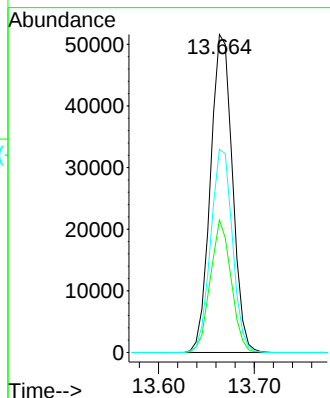
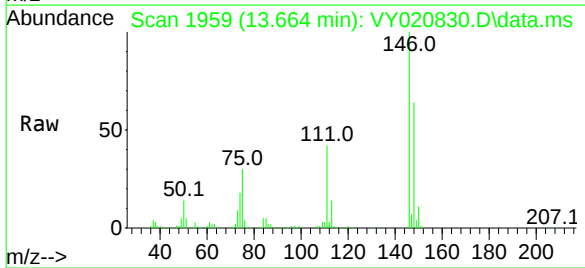
#91
1,2-Dichlorobenzene
Concen: 19.670 ug/l
RT: 13.664 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.0	60.0
148	63.4	32.0	96.2

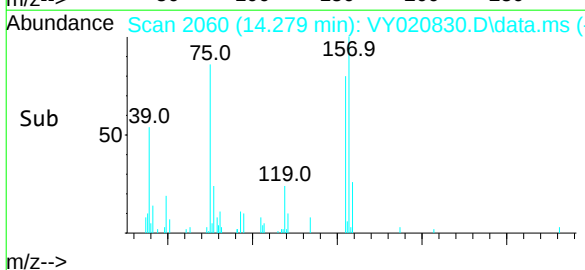
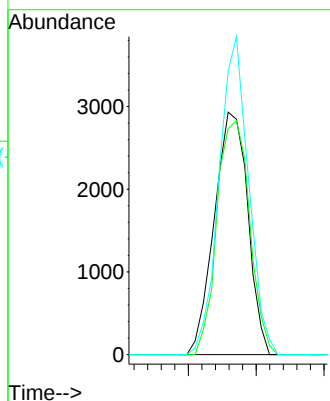
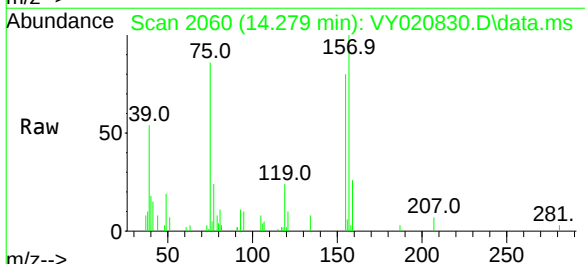
Manual Integrations
APPROVED

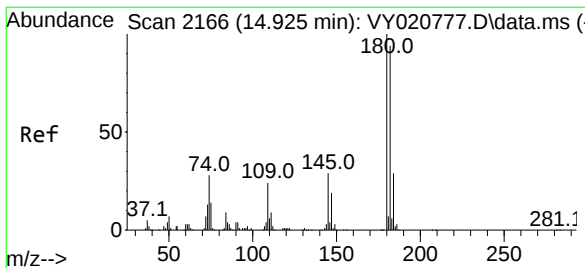
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.217 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VY020830.D
Acq: 15 Jan 2025 11:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.3	45.5	136.5
157	115.4	59.7	179.0





#93

1,2,4-Trichlorobenzene

Concen: 19.681 ug/l

RT: 14.932 min Scan# 2167

Delta R.T. 0.006 min

Lab File: VY020830.D

Acq: 15 Jan 2025 11:27

Instrument :

MSVOA_Y

ClientSampleId :

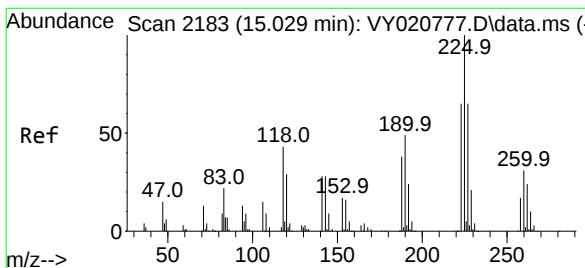
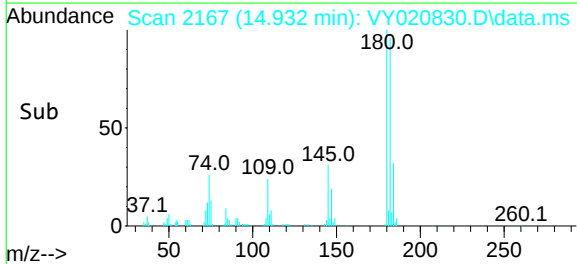
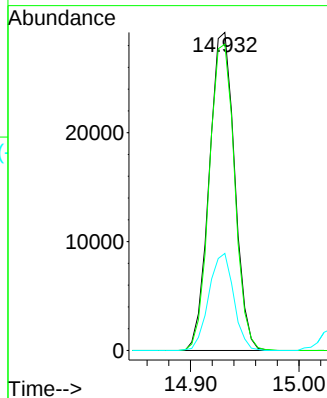
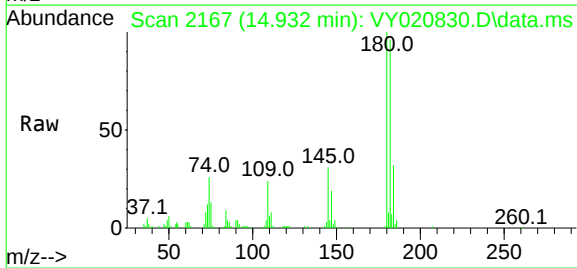
VY0115SBS01

Tgt Ion:	180	Resp:	47374
Ion Ratio	Lower	Upper	
180	100		
182	96.2	47.6	142.9
145	29.9	15.0	45.1

Manual Integrations

APPROVED

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



#94

Hexachlorobutadiene

Concen: 19.857 ug/l

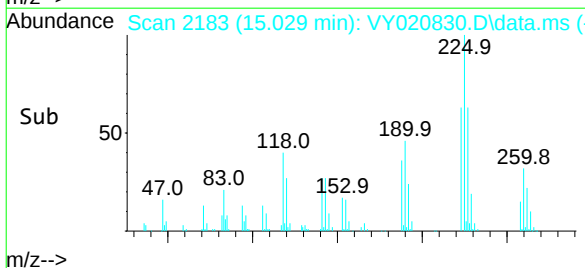
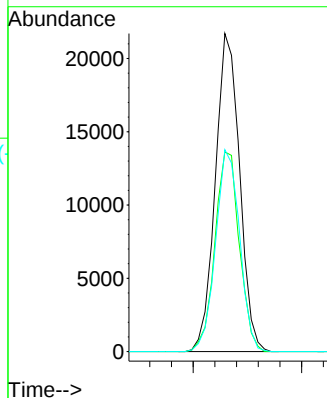
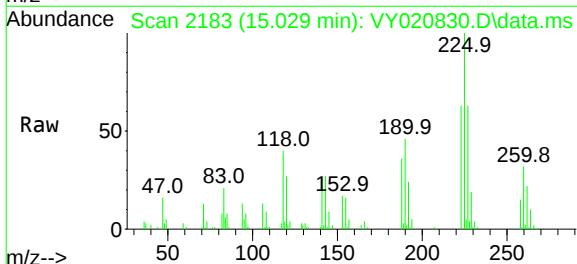
RT: 15.029 min Scan# 2183

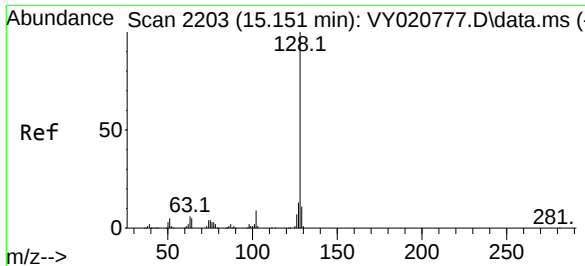
Delta R.T. 0.000 min

Lab File: VY020830.D

Acq: 15 Jan 2025 11:27

Tgt Ion:	225	Resp:	33697
Ion Ratio	Lower	Upper	
225	100		
223	63.3	31.6	94.8
227	62.8	32.2	96.6





#95

Naphthalene

Concen: 19.651 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.000 min

Lab File: VY020830.D

Acq: 15 Jan 2025 11:27

Instrument :

MSVOA_Y

ClientSampleId :

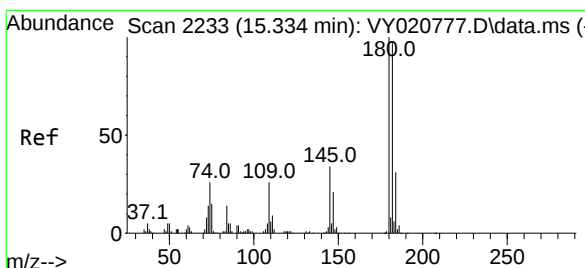
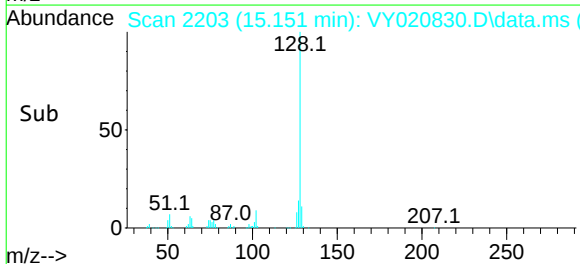
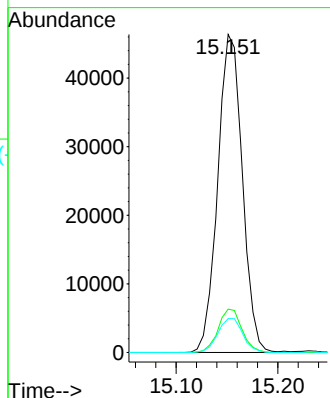
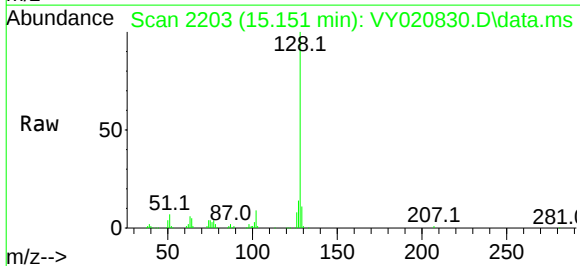
VY0115SBSD01

Tgt Ion:	128	Resp:	77851
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.5	15.7
129	10.8	8.6	12.8

Manual Integrations

APPROVED

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



#96

1,2,3-Trichlorobenzene

Concen: 20.559 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY020830.D

Acq: 15 Jan 2025 11:27

Tgt Ion:	180	Resp:	41461
Ion Ratio	Lower	Upper	
180	100		
182	91.5	48.1	144.3
145	31.7	16.1	48.2

