

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY092523\  
 Data File : VY015703.D  
 Acq On : 25 Sep 2023 16:50  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 09/26/2023  
 Supervised By :Semsettin Yesilyurt 09/26/2023

Quant Time: Sep 26 04:24:20 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y091923S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 20 01:39:40 2023  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	148526	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.691	114	245438	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	223404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	117555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	76707	46.939	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.880%
35) Dibromofluoromethane	7.722	113	76840	52.307	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.620%
50) Toluene-d8	10.178	98	240421	48.268	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.540%
62) 4-Bromofluorobenzene	12.483	95	97230	49.742	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.480%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.912	85	53891	55.045	ug/l	98
3) Chloromethane	2.119	50	65839	53.306	ug/l	97
4) Vinyl Chloride	2.253	62	78569	55.636	ug/l	98
5) Bromomethane	2.655	94	58328	48.402	ug/l	95
6) Chloroethane	2.796	64	57852	55.270	ug/l	99
7) Trichlorofluoromethane	3.125	101	132571	55.977	ug/l	99
8) Diethyl Ether	3.539	74	54272	53.736	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.905	101	83828	56.531	ug/l	95
10) Methyl Iodide	4.094	142	87765	50.313	ug/l	98
11) Tert butyl alcohol	4.990	59	81207	239.888	ug/l #	82
12) 1,1-Dichloroethene	3.875	96	73214	56.031	ug/l	92
13) Acrolein	3.741	56	55578	222.068	ug/l	98
14) Allyl chloride	4.490	41	129583	54.240	ug/l	93
15) Acrylonitrile	5.173	53	192711	260.105	ug/l	98
16) Acetone	3.966	43	222878	254.848	ug/l	95
17) Carbon Disulfide	4.204	76	136835	53.905	ug/l	97
18) Methyl Acetate	4.490	43	157991	53.843	ug/l	95
19) Methyl tert-butyl Ether	5.228	73	288414	54.194	ug/l	98
20) Methylene Chloride	4.722	84	99035	51.891	ug/l	94
21) trans-1,2-Dichloroethene	5.228	96	83270	55.753	ug/l	95
22) Diisopropyl ether	6.124	45	316532	55.053	ug/l	95
23) Vinyl Acetate	6.069	43	952108	268.288	ug/l	96
24) 1,1-Dichloroethane	6.021	63	169408	54.057	ug/l	97
25) 2-Butanone	6.996	43	300079	242.753	ug/l	94
26) 2,2-Dichloropropane	6.990	77	147623	51.538	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	107616	54.275	ug/l	95
28) Bromochloromethane	7.337	49	41268	48.537	ug/l	99
29) Tetrahydrofuran	7.356	42	179817	257.366	ug/l	94
30) Chloroform	7.514	83	183127	54.566	ug/l	100
31) Cyclohexane	7.789	56	118746	52.453	ug/l	94
32) 1,1,1-Trichloroethane	7.703	97	155022	55.954	ug/l	99
36) 1,1-Dichloropropene	7.923	75	121316	55.852	ug/l	100
37) Ethyl Acetate	7.081	43	114155	52.690	ug/l	96
38) Carbon Tetrachloride	7.904	117	135273	57.374	ug/l	99
39) Methylcyclohexane	9.185	83	133983	55.770	ug/l	94
40) Benzene	8.167	78	367672	55.507	ug/l	100

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 Quant Title : SW846 8260  
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	63183	54.162	ug/l #	82
42) 1,2-Dichloroethane	8.240	62	124130	54.718	ug/l	95
43) Isopropyl Acetate	8.276	43	200103	54.069	ug/l	97
44) Trichloroethene	8.941	130	103850	56.134	ug/l	98
45) 1,2-Dichloropropane	9.215	63	102848	55.678	ug/l	97
46) Dibromomethane	9.307	93	65505	55.437	ug/l	95
47) Bromodichloromethane	9.496	83	148205	56.272	ug/l	99
48) Methyl methacrylate	9.294	41	88013	54.180	ug/l	90
49) 1,4-Dioxane	9.313	88	25310	1084.244	ug/l #	51
51) 4-Methyl-2-Pentanone	10.069	43	618016	269.421	ug/l	93
52) Toluene	10.245	92	240597	56.341	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	159076	56.323	ug/l	100
54) cis-1,3-Dichloropropene	9.928	75	169271	55.678	ug/l	91
55) 1,1,2-Trichloroethane	10.648	97	95849	55.353	ug/l	97
56) Ethyl methacrylate	10.508	69	144616	56.671	ug/l #	88
57) 1,3-Dichloropropane	10.788	76	159108	54.792	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	177016	218.383	ug/l	96
59) 2-Hexanone	10.831	43	471542	267.939	ug/l	91
60) Dibromochloromethane	10.983	129	112974	55.890	ug/l	99
61) 1,2-Dibromoethane	11.093	107	92610	54.669	ug/l	100
64) Tetrachloroethene	10.721	164	110072	57.427	ug/l	98
65) Chlorobenzene	11.514	112	272138	55.806	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	108076	57.056	ug/l	99
67) Ethyl Benzene	11.593	91	482369	56.593	ug/l	99
68) m/p-Xylenes	11.703	106	369324	114.000	ug/l	95
69) o-Xylene	12.032	106	178523	56.197	ug/l	99
70) Styrene	12.044	104	314677	57.870	ug/l	96
71) Bromoform	12.209	173	79018	57.566	ug/l #	100
73) Isopropylbenzene	12.330	105	486123	55.125	ug/l	100
74) N-amyl acetate	12.141	43	178133	53.744	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.580	83	130092	53.006	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	102159m	54.473	ug/l	
77) Bromobenzene	12.611	156	116698	53.910	ug/l	95
78) n-propylbenzene	12.672	91	587544	54.842	ug/l	99
79) 2-Chlorotoluene	12.757	91	330251	54.079	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	406082	55.005	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	45040	54.082	ug/l	95
82) 4-Chlorotoluene	12.855	91	347011	54.432	ug/l	100
83) tert-Butylbenzene	13.074	119	359337	55.573	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	406392	55.015	ug/l	98
85) sec-Butylbenzene	13.251	105	533385	55.121	ug/l	99
86) p-Isopropyltoluene	13.367	119	444720	55.019	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	232365	54.108	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	230776	53.731	ug/l	98
89) n-Butylbenzene	13.696	91	419357	54.789	ug/l	97
90) Hexachloroethane	13.964	117	86559	55.486	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	216879	54.708	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.354	75	24507	50.276	ug/l	86
93) 1,2,4-Trichlorobenzene	15.007	180	133078	53.323	ug/l	98
94) Hexachlorobutadiene	15.110	225	65826	51.504	ug/l	97
95) Naphthalene	15.238	128	351026	53.941	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	121774	52.865	ug/l	97

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 ALS Vial : 12 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_Y  
**ClientSampleId :**  
 VSTDCCC050EC

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 Quant Title : SW846 8260  
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 Response via : Initial Calibration

**Manual Integrations**  
**APPROVED**  
 Reviewed By :Mahesh Dadoda 09/26/2023  
 Supervised By :Semsettin Yesilyurt 09/26/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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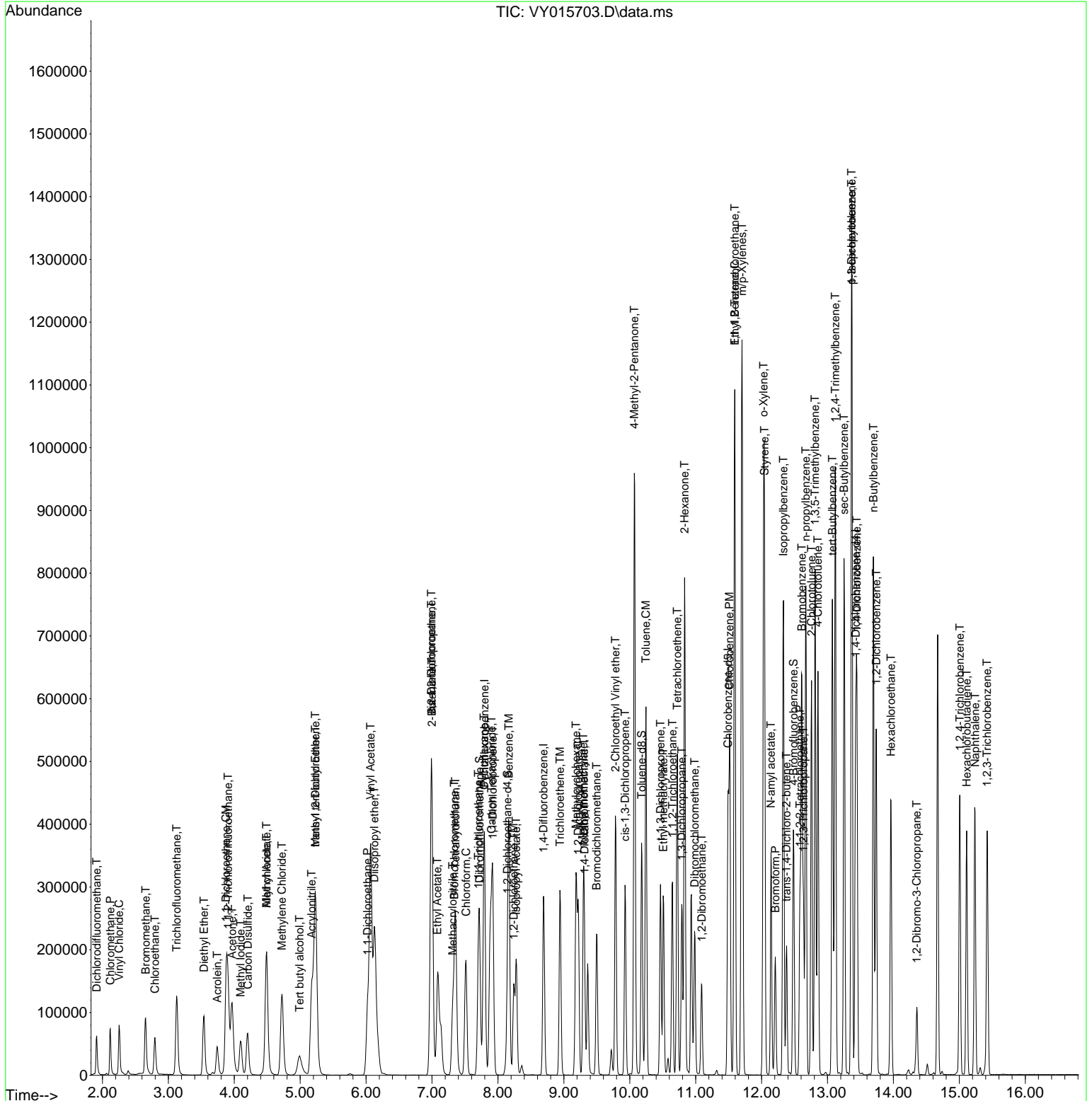
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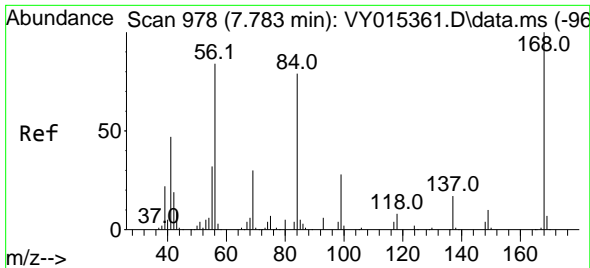
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 Supervised By :Semsettin Yesilyurt 09/26/2023





#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 7.795 min Scan# 91  
 Delta R.T. 0.012 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50

Instrument :

MSVOA\_Y

ClientSampleId :

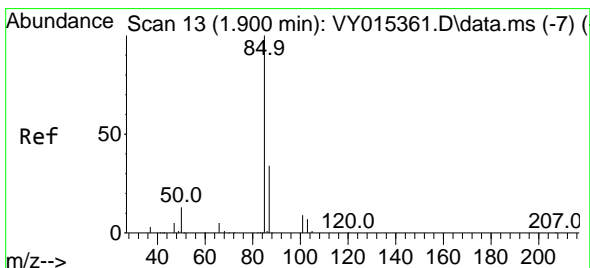
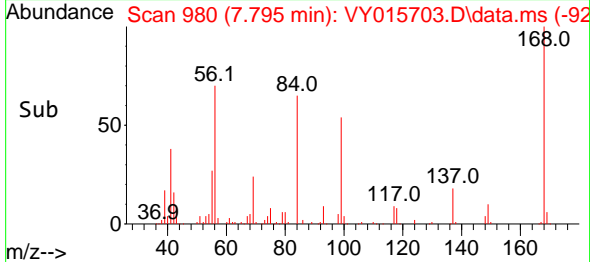
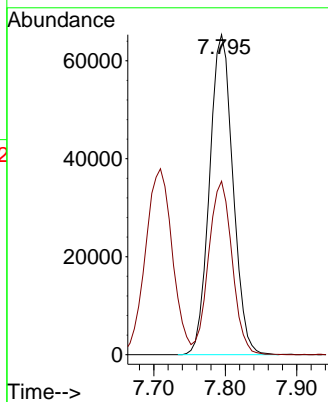
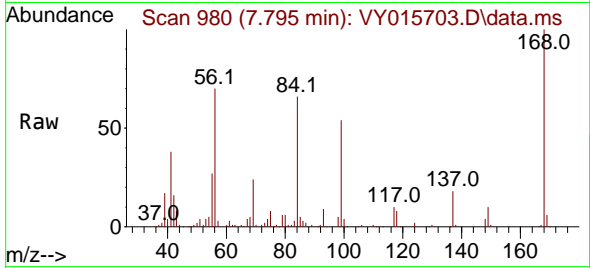
VSTDCCC050EC

Tgt Ion:168 Resp: 148520  
 Ion Ratio Lower Upper  
 168 100  
 99 54.1 43.4 65.0

Manual Integrations

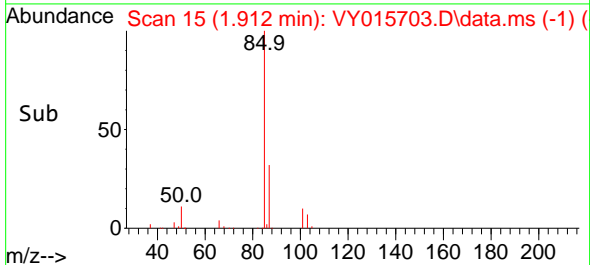
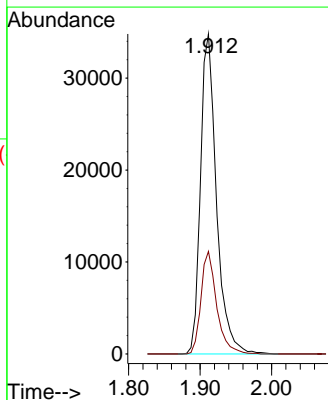
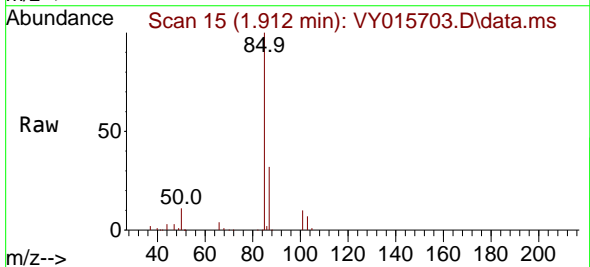
APPROVED

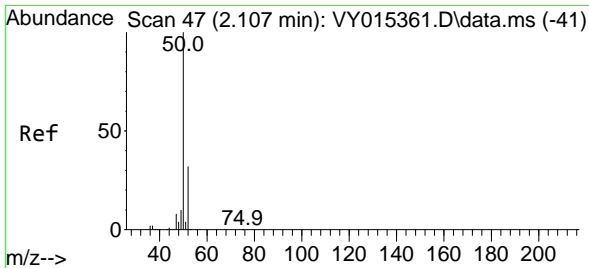
Reviewed By :Mahesh Dadoda 09/26/2023  
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#2  
 Dichlorodifluoromethane  
 Concen: 55.045 ug/l  
 RT: 1.912 min Scan# 15  
 Delta R.T. 0.012 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50

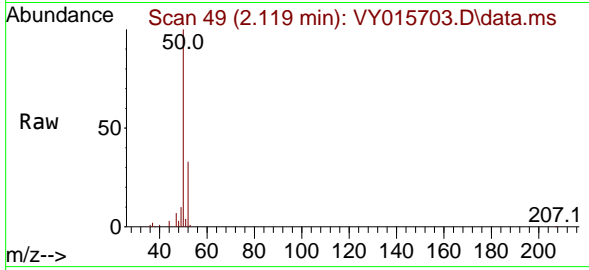
Tgt Ion: 85 Resp: 53891  
 Ion Ratio Lower Upper  
 85 100  
 87 32.1 15.6 46.8





#3  
 Chloromethane  
 Concen: 53.306 ug/l  
 RT: 2.119 min Scan# 49  
 Delta R.T. 0.012 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50

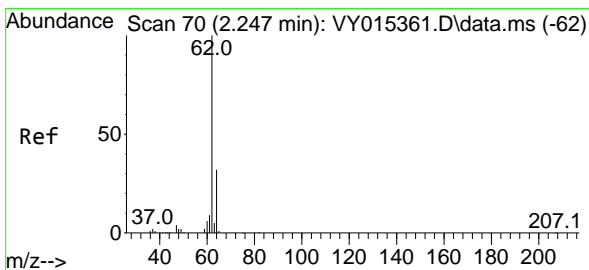
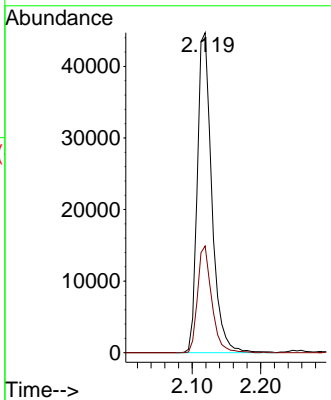
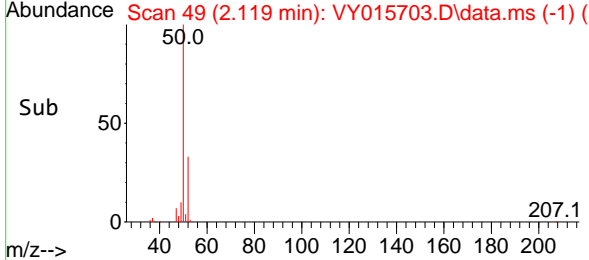
Instrument : MSVOA\_Y  
 Client Sample Id : VSTDCCC050EC



Tgt Ion: 50 Resp: 65839  
 Ion Ratio Lower Upper  
 50 100  
 52 33.3 25.4 38.2

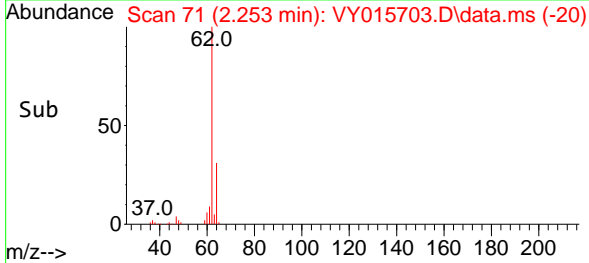
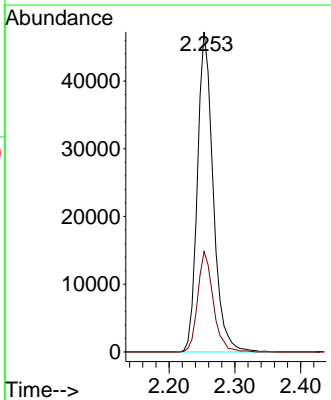
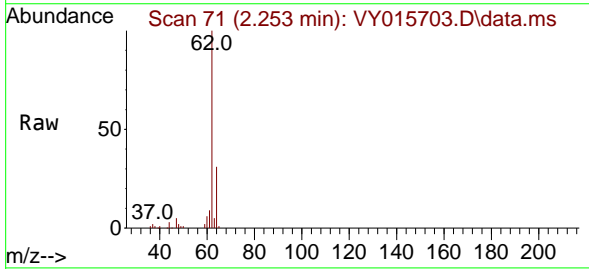
Manual Integrations  
**APPROVED**

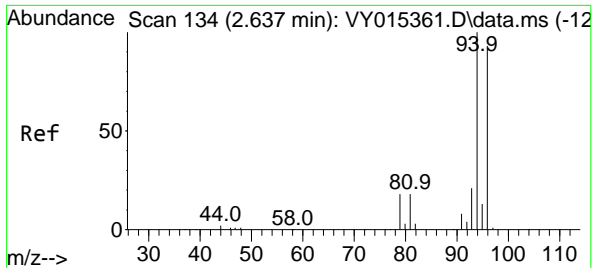
Reviewed By :Mahesh Dadoda 09/26/2023  
 Supervised By :Semsettin Yesilyurt 09/26/2023



#4  
 Vinyl Chloride  
 Concen: 55.636 ug/l  
 RT: 2.253 min Scan# 71  
 Delta R.T. 0.012 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50

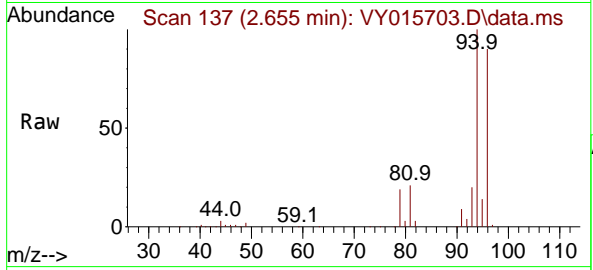
Tgt Ion: 62 Resp: 78569  
 Ion Ratio Lower Upper  
 62 100  
 64 31.4 24.3 36.5





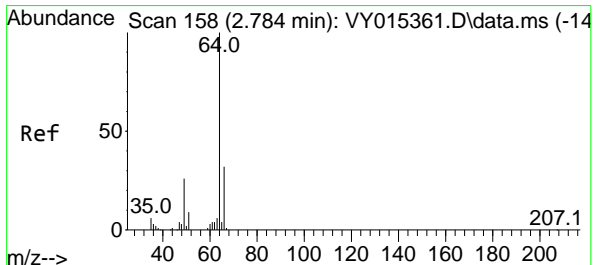
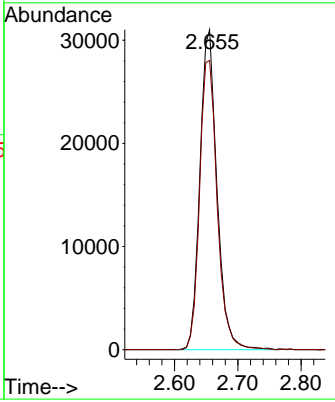
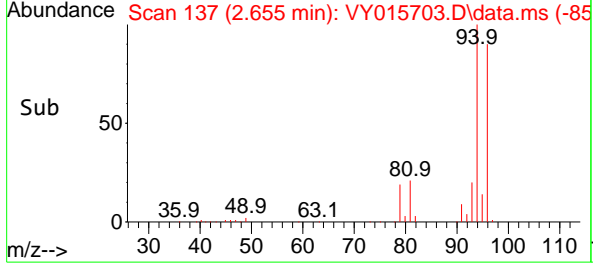
#5  
 Bromomethane  
 Concen: 48.402 ug/l  
 RT: 2.655 min Scan# 11  
 Delta R.T. 0.018 min  
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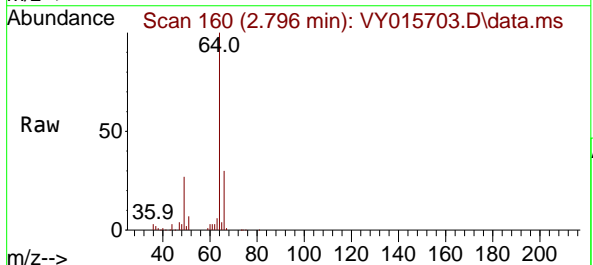


Tgt Ion: 94 Resp: 58328  
 Ion Ratio Lower Upper  
 94 100  
 96 90.3 75.8 113.6

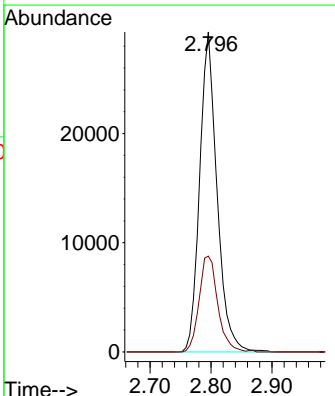
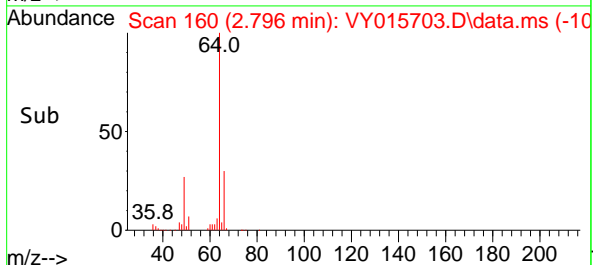
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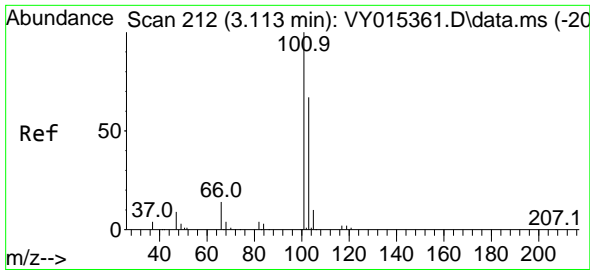


#6  
 Chloroethane  
 Concen: 55.270 ug/l  
 RT: 2.796 min Scan# 160  
 Delta R.T. 0.012 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50



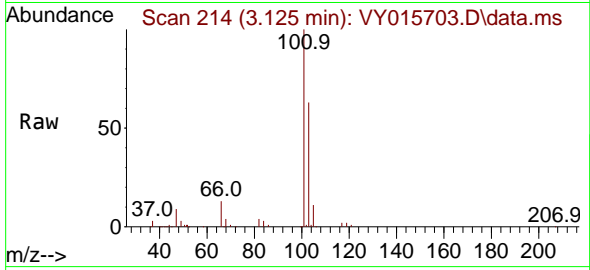
Tgt Ion: 64 Resp: 57852  
 Ion Ratio Lower Upper  
 64 100  
 66 29.9 24.4 36.6





#7  
 Trichlorofluoromethane  
 Concen: 55.977 ug/l  
 RT: 3.125 min Scan# 211  
 Delta R.T. 0.012 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50

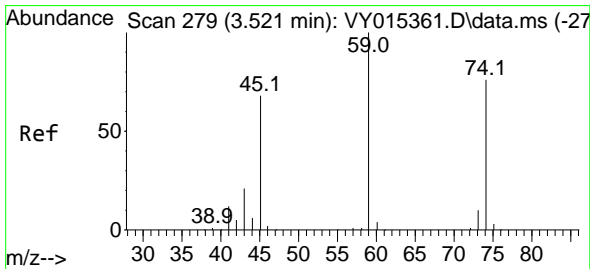
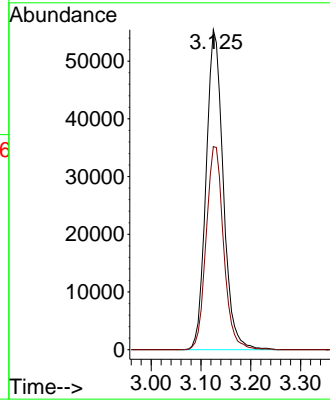
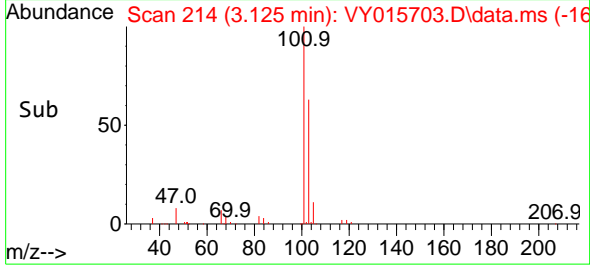
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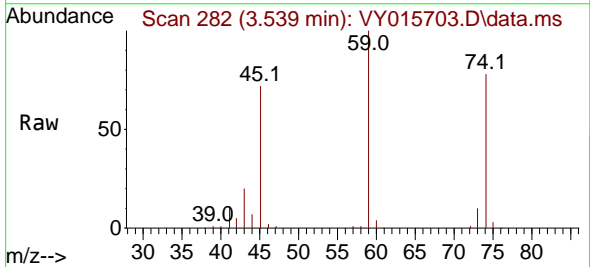
Tgt Ion: 101 Resp: 13257  
 Ion Ratio Lower Upper  
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 103 63.4 51.4 77.0

Manual Integrations  
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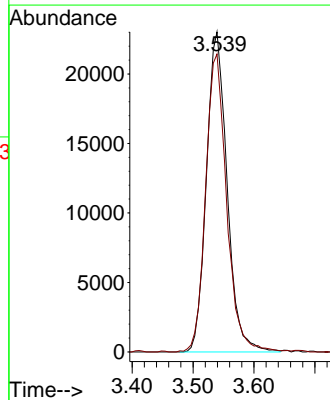
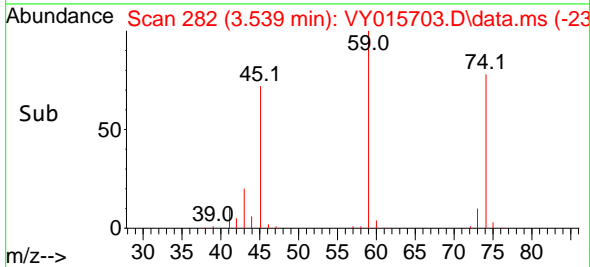
Reviewed By :Mahesh Dadoda 09/26/2023  
 Supervised By :Semsettin Yesilyurt 09/26/2023



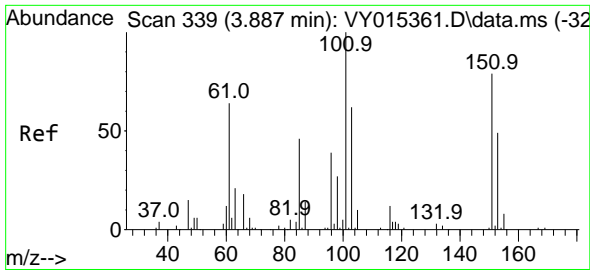
#8  
 Diethyl Ether  
 Concen: 53.736 ug/l  
 RT: 3.539 min Scan# 282  
 Delta R.T. 0.018 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50



Tgt Ion: 74 Resp: 54272  
 Ion Ratio Lower Upper  
 74 100  
 45 94.7 51.5 154.5







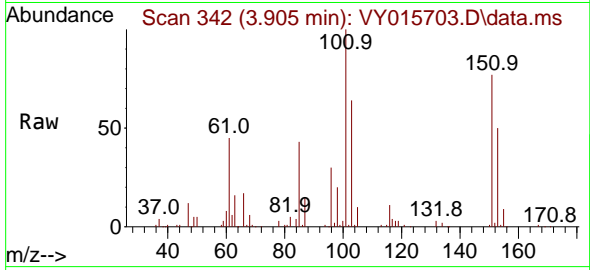
#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 56.531 ug/l  
 RT: 3.905 min Scan# 342  
 Delta R.T. 0.012 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

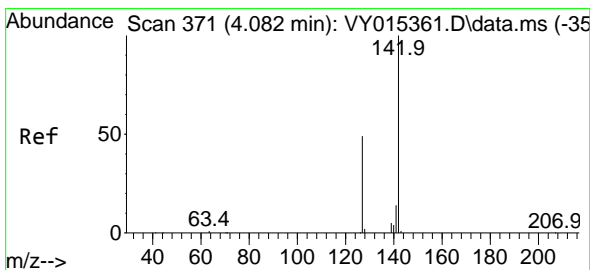
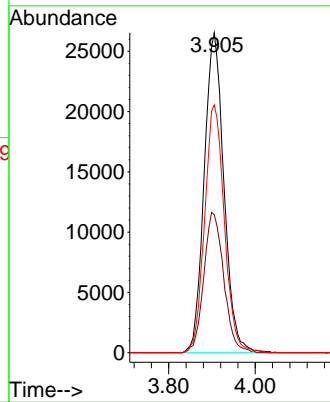
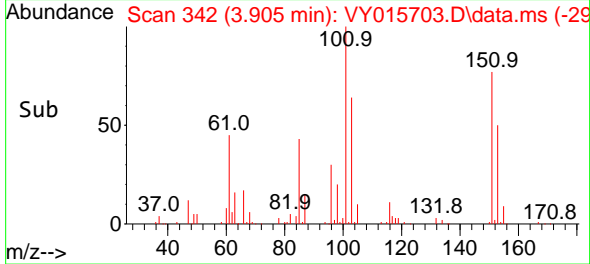


Tgt Ion:101 Resp: 83828  
 Ion Ratio Lower Upper  
 101 100  
 85 44.4 36.6 55.0  
 151 77.7 67.0 100.6

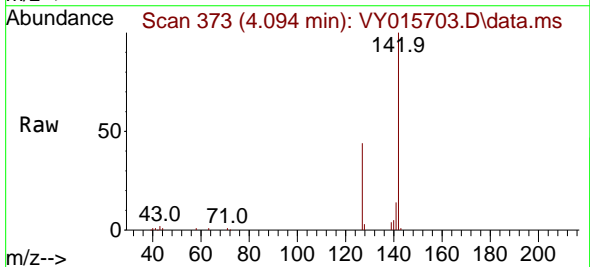
Manual Integrations

APPROVED

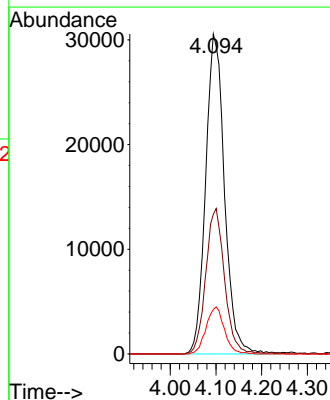
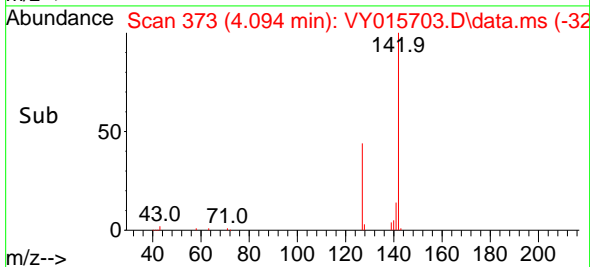
Reviewed By :Mahesh Dadoda 09/26/2023  
 Supervised By :Semsettin Yesilyurt 09/26/2023

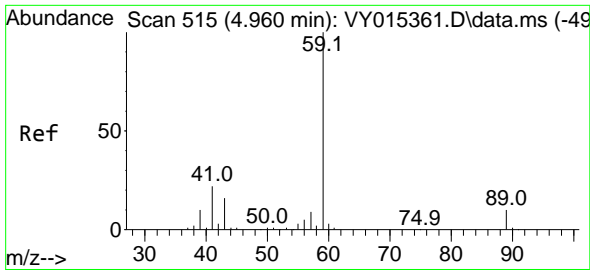


#10  
 Methyl Iodide  
 Concen: 50.313 ug/l  
 RT: 4.094 min Scan# 373  
 Delta R.T. 0.012 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50



Tgt Ion:142 Resp: 87765  
 Ion Ratio Lower Upper  
 142 100  
 127 45.2 37.6 56.4  
 141 14.2 11.8 17.8





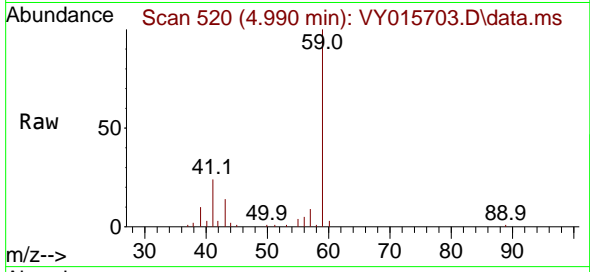
#11  
 Tert butyl alcohol  
 Concen: 239.888 ug/l  
 RT: 4.990 min Scan# 515  
 Delta R.T. 0.036 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

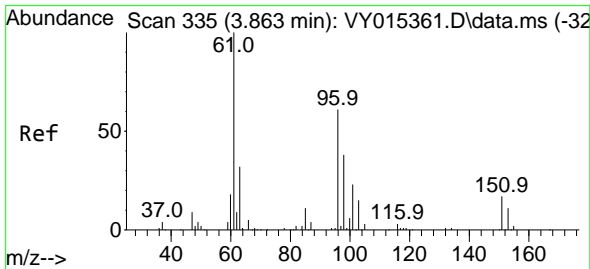
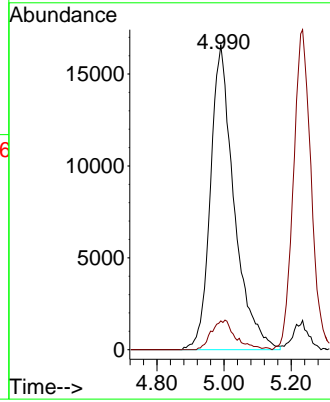
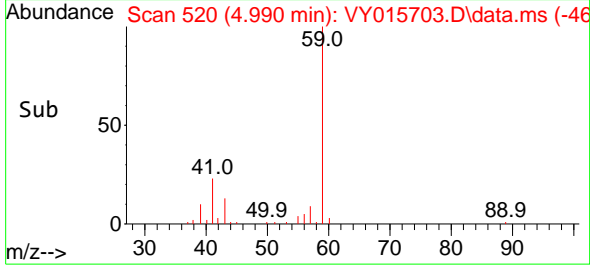


Tgt Ion: 59 Resp: 8120  
 Ion Ratio Lower Upper  
 59 100  
 57 9.7 3.0 4.4

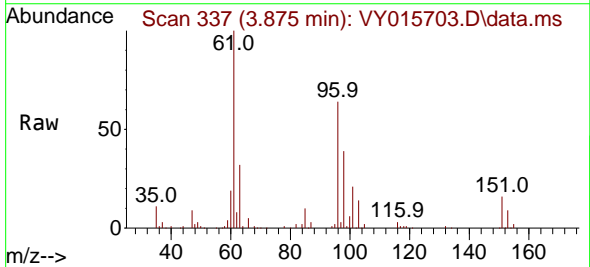
Manual Integrations

APPROVED

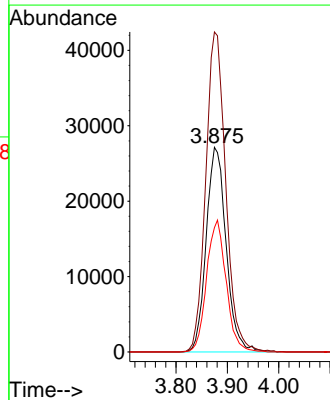
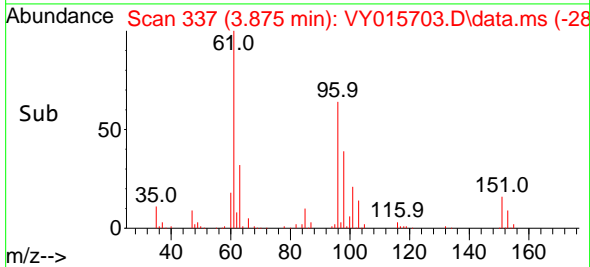
Reviewed By :Mahesh Dadoda 09/26/2023  
 Supervised By :Semsettin Yesilyurt 09/26/2023

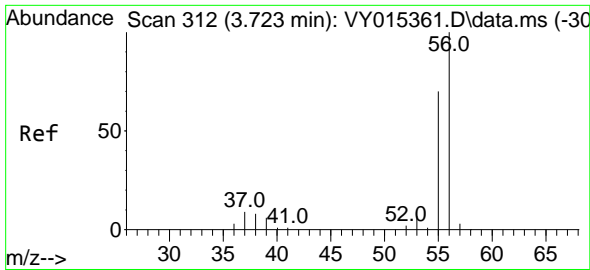


#12  
 1,1-Dichloroethene  
 Concen: 56.031 ug/l  
 RT: 3.875 min Scan# 337  
 Delta R.T. 0.012 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50



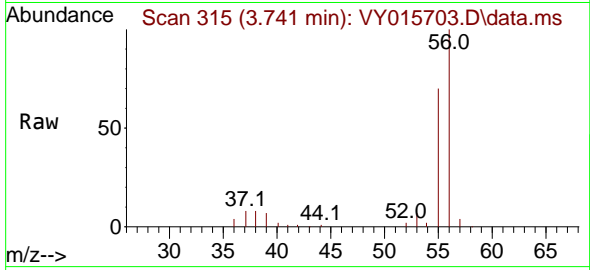
Tgt Ion: 96 Resp: 73214  
 Ion Ratio Lower Upper  
 96 100  
 61 156.4 136.4 204.6  
 98 60.8 49.4 74.2





#13  
 Acrolein  
 Concen: 222.068 ug/l  
 RT: 3.741 min Scan# 312  
 Delta R.T. 0.018 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50

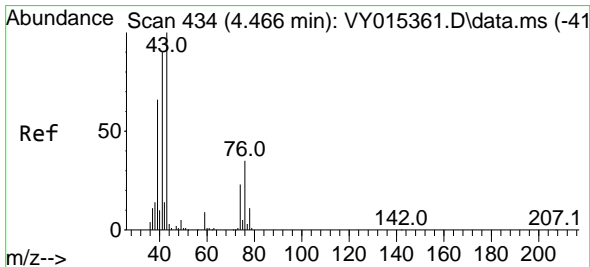
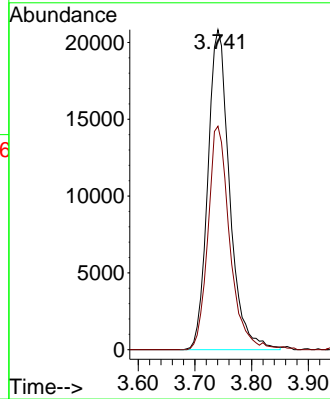
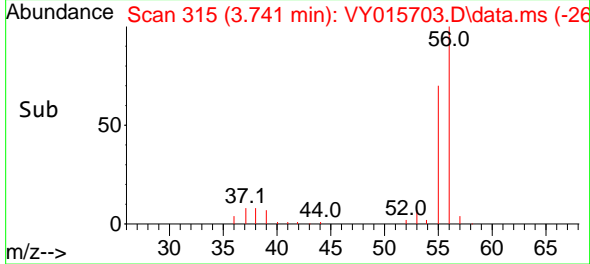
Instrument : MSVOA\_Y  
 ClientSampleId : VSTDCCC050EC



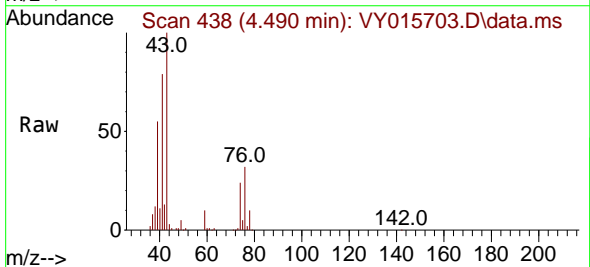
Tgt Ion: 56 Resp: 55578  
 Ion Ratio Lower Upper  
 56 100  
 55 69.7 57.0 85.4

Manual Integrations  
 APPROVED

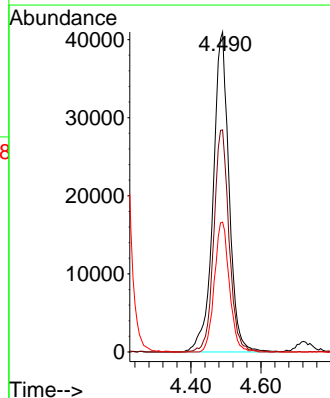
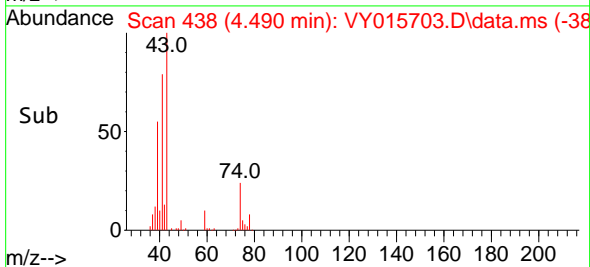
Reviewed By :Mahesh Dadoda 09/26/2023  
 Supervised By :Semsettin Yesilyurt 09/26/2023

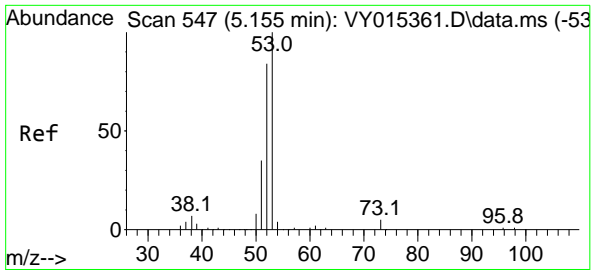


#14  
 Allyl chloride  
 Concen: 54.240 ug/l  
 RT: 4.490 min Scan# 438  
 Delta R.T. 0.018 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50



Tgt Ion: 41 Resp: 129583  
 Ion Ratio Lower Upper  
 41 100  
 39 66.7 58.0 87.0  
 76 37.9 27.4 41.2





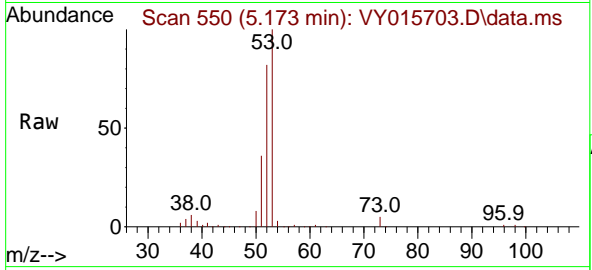
#15  
 Acrylonitrile  
 Concen: 260.105 ug/l  
 RT: 5.173 min Scan# 51  
 Delta R.T. 0.012 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC



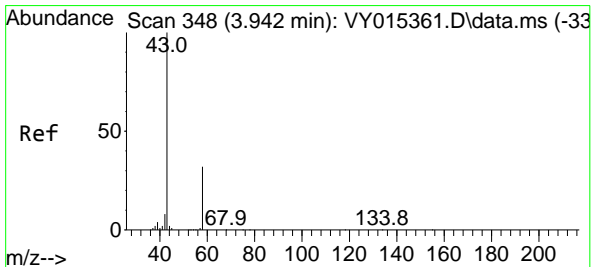
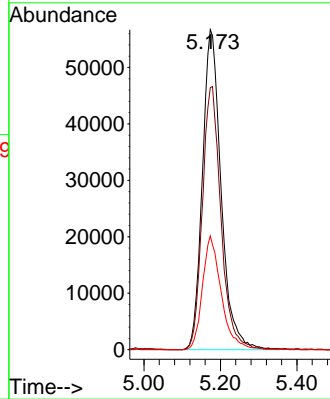
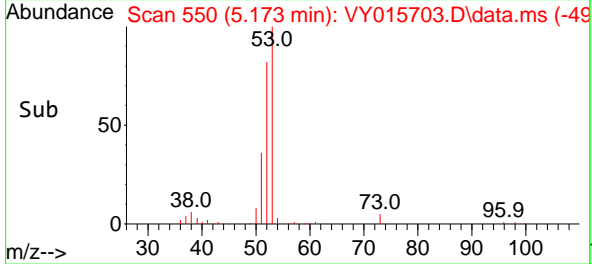
Tgt Ion: 53 Resp: 19271  
 Ion Ratio Lower Upper  
 53 100  
 52 82.0 66.9 100.3  
 51 35.7 29.8 44.6

Manual Integrations

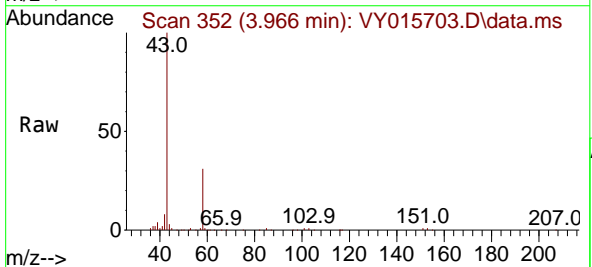
APPROVED

Reviewed By :Mahesh Dadoda 09/26/2023

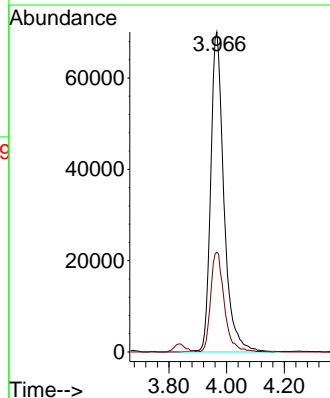
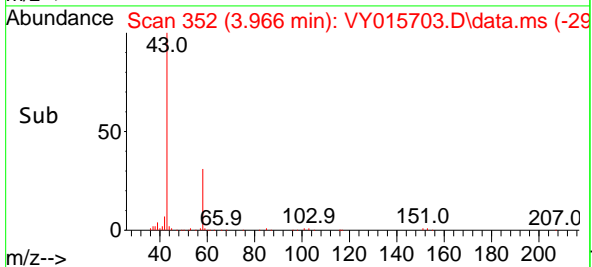
Supervised By :Semsettin Yesilyurt 09/26/2023

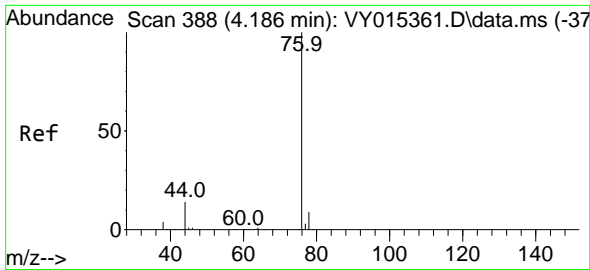


#16  
 Acetone  
 Concen: 254.848 ug/l  
 RT: 3.966 min Scan# 352  
 Delta R.T. 0.024 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50



Tgt Ion: 43 Resp: 222878  
 Ion Ratio Lower Upper  
 43 100  
 58 31.1 22.7 34.1





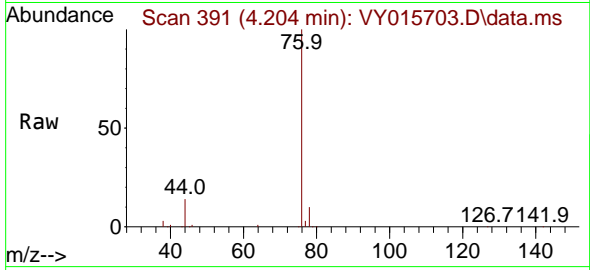
#17  
 Carbon Disulfide  
 Concen: 53.905 ug/l  
 RT: 4.204 min Scan# 391  
 Delta R.T. 0.018 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50

Instrument :

MSVOA\_Y

Client Sample Id :

VSTDCCC050EC

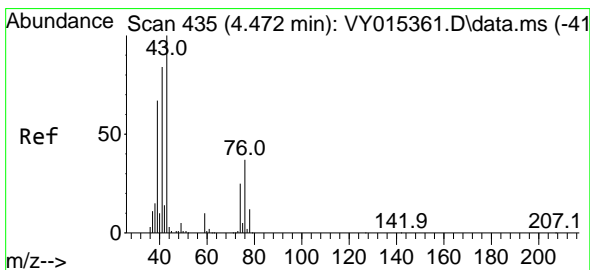
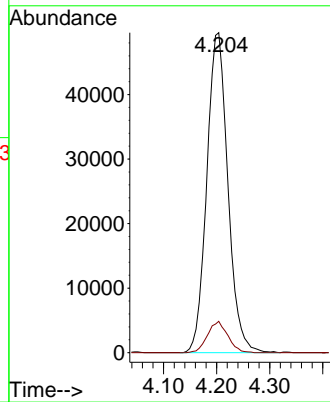
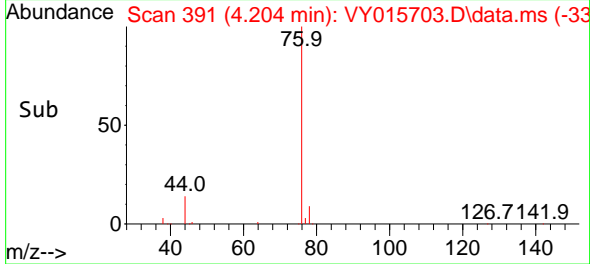


Tgt Ion: 76 Resp: 13683  
 Ion Ratio Lower Upper  
 76 100  
 78 9.8 7.0 10.4

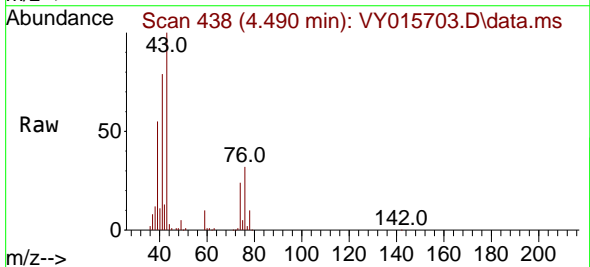
Manual Integrations

APPROVED

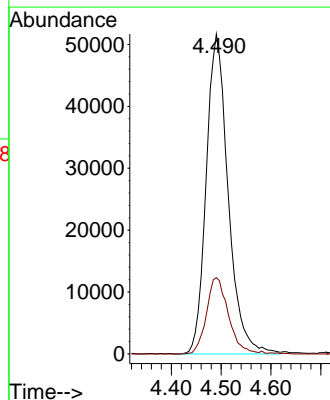
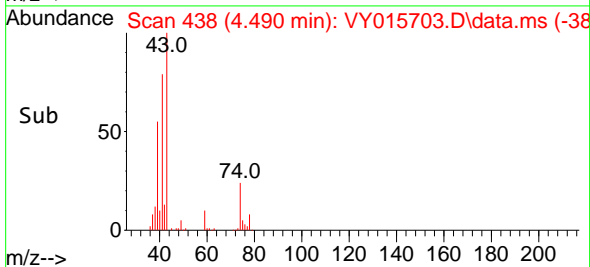
Reviewed By :Mahesh Dadoda 09/26/2023  
 Supervised By :Semsettin Yesilyurt 09/26/2023

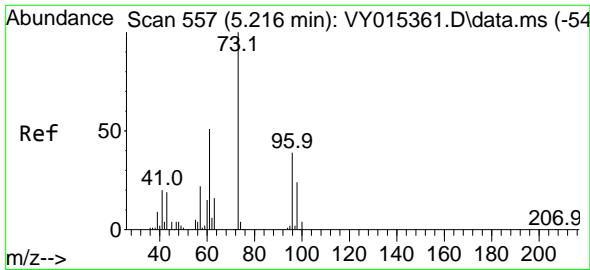


#18  
 Methyl Acetate  
 Concen: 53.843 ug/l  
 RT: 4.490 min Scan# 438  
 Delta R.T. 0.018 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50



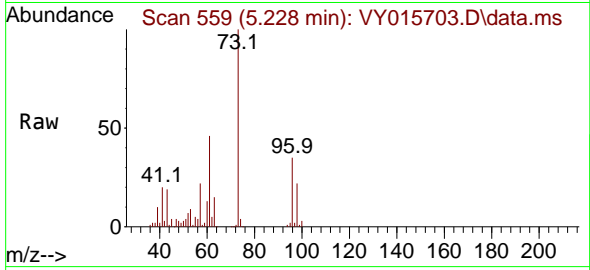
Tgt Ion: 43 Resp: 157991  
 Ion Ratio Lower Upper  
 43 100  
 74 23.9 17.4 26.0





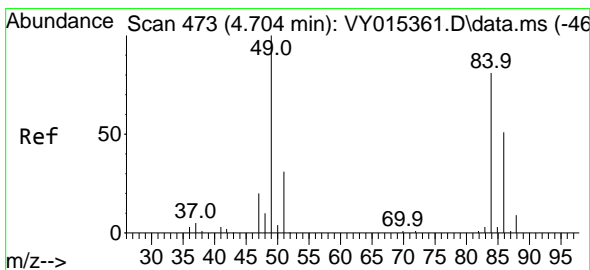
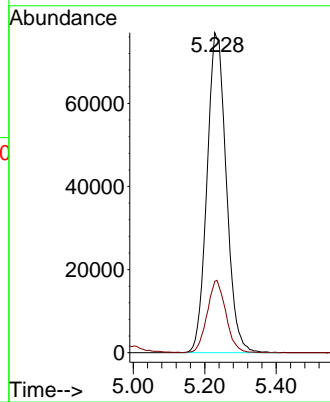
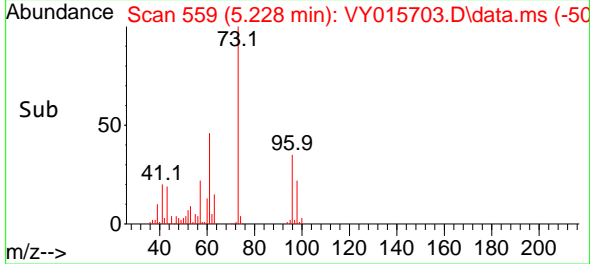
#19  
 Methyl tert-butyl Ether  
 Concen: 54.194 ug/l  
 RT: 5.228 min Scan# 51  
 Delta R.T. 0.018 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50

Instrument : MSVOA\_Y  
 ClientSampleId : VSTDCCC050EC

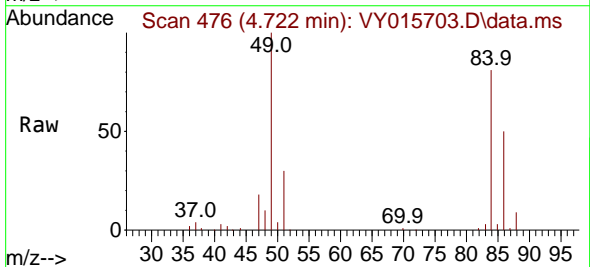


Tgt Ion: 73 Resp: 28841  
 Ion Ratio Lower Upper  
 73 100  
 57 22.3 17.3 25.9

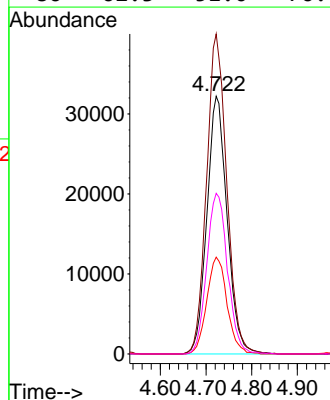
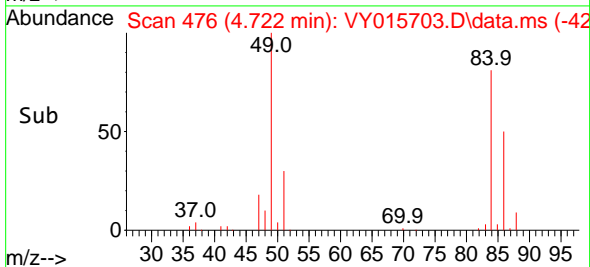
Manual Integrations  
**APPROVED**  
 Reviewed By :Mahesh Dadoda 09/26/2023  
 Supervised By :Semsettin Yesilyurt 09/26/2023

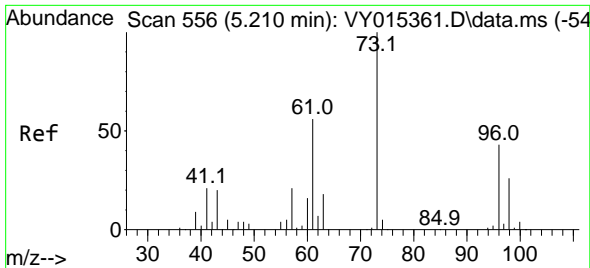


#20  
 Methylene Chloride  
 Concen: 51.891 ug/l  
 RT: 4.722 min Scan# 476  
 Delta R.T. 0.018 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50



Tgt Ion: 84 Resp: 99035  
 Ion Ratio Lower Upper  
 84 100  
 49 124.1 106.9 160.3  
 51 37.5 33.2 49.8  
 86 62.3 51.0 76.6





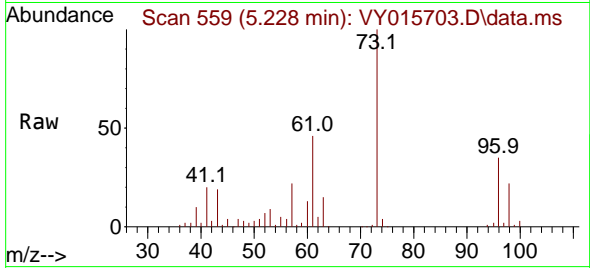
#21  
 trans-1,2-Dichloroethene  
 Concen: 55.753 ug/l  
 RT: 5.228 min Scan# 511  
 Delta R.T. 0.018 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

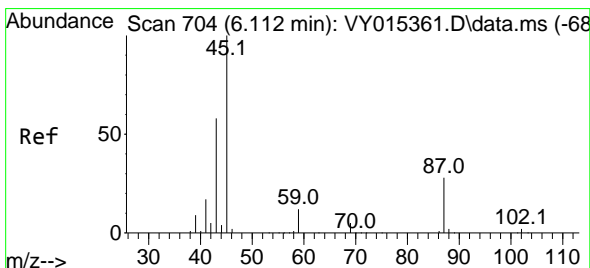
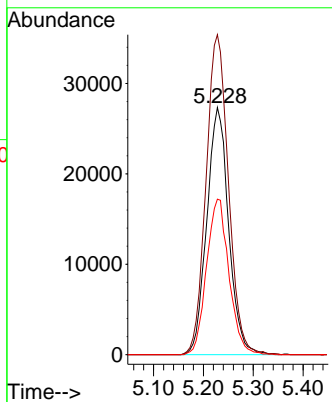
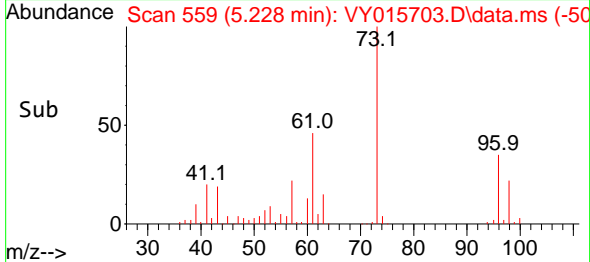


Tgt Ion: 96 Resp: 83270  
 Ion Ratio Lower Upper  
 96 100  
 61 129.5 110.2 165.4  
 98 62.9 51.8 77.6

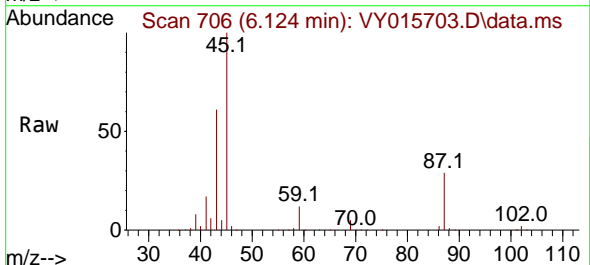
Manual Integrations

APPROVED

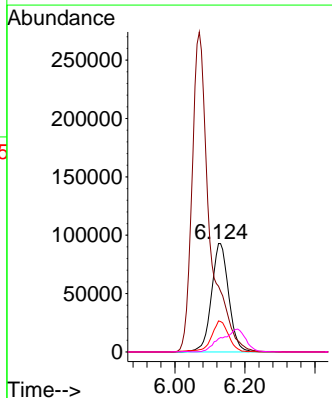
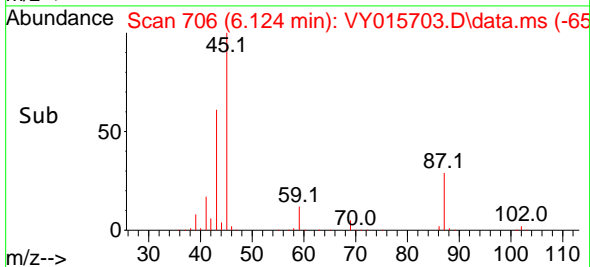
Reviewed By :Mahesh Dadoda 09/26/2023  
 Supervised By :Semsettin Yesilyurt 09/26/2023

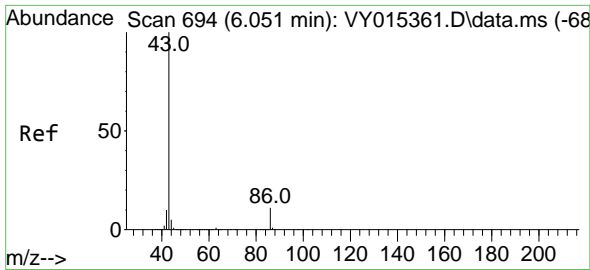


#22  
 Diisopropyl ether  
 Concen: 55.053 ug/l  
 RT: 6.124 min Scan# 706  
 Delta R.T. 0.012 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50



Tgt Ion: 45 Resp: 316532  
 Ion Ratio Lower Upper  
 45 100  
 43 60.3 52.2 78.4  
 87 28.7 21.0 31.6  
 59 12.1 8.9 13.3





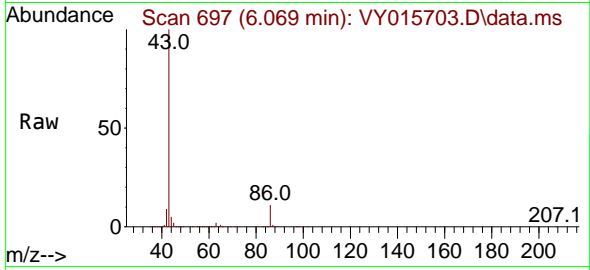
#23  
 Vinyl Acetate  
 Concen: 268.288 ug/l  
 RT: 6.069 min Scan# 694  
 Delta R.T. 0.018 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50

Instrument :

MSVOA\_Y

Client Sample Id :

VSTDCCC050EC

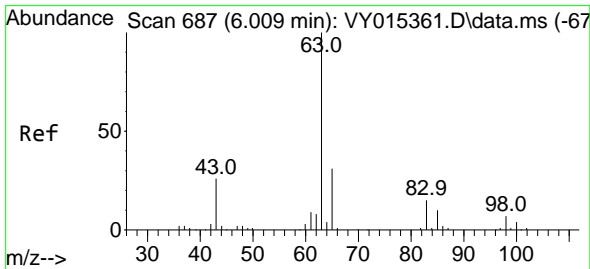
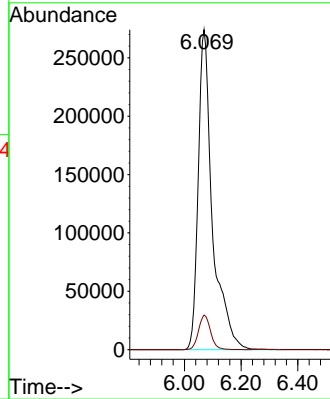
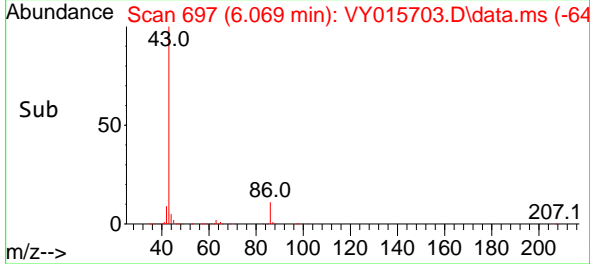


Tgt Ion: 43 Resp: 952108  
 Ion Ratio Lower Upper  
 43 100  
 86 10.8 7.5 11.3

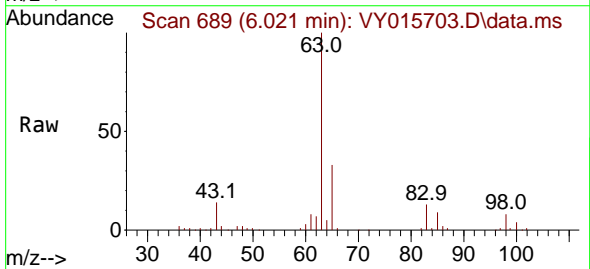
Manual Integrations

APPROVED

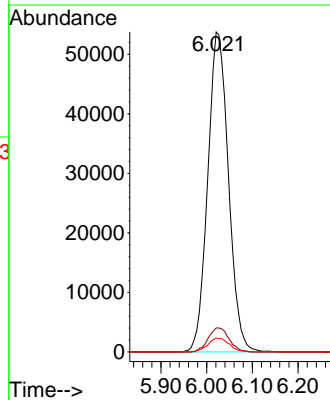
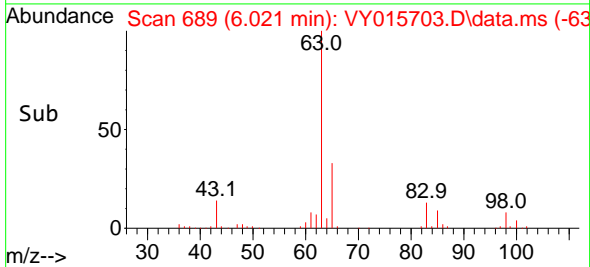
Reviewed By :Mahesh Dadoda 09/26/2023  
 Supervised By :Semsettin Yesilyurt 09/26/2023



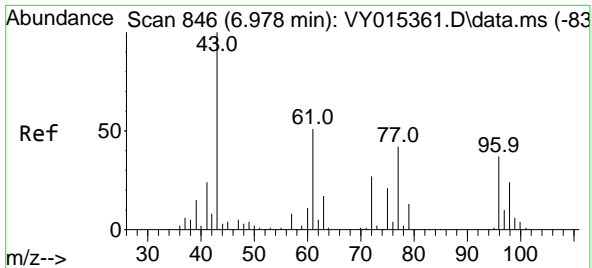
#24  
 1,1-Dichloroethane  
 Concen: 54.057 ug/l  
 RT: 6.021 min Scan# 689  
 Delta R.T. 0.018 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50



Tgt Ion: 63 Resp: 169408  
 Ion Ratio Lower Upper  
 63 100  
 98 7.5 3.1 9.4  
 100 4.3 1.8 5.5

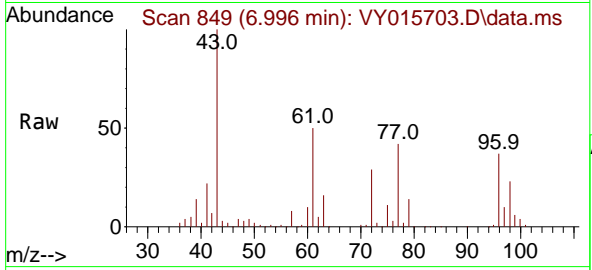






#25  
 2-Butanone  
 Concen: 242.753 ug/l  
 RT: 6.996 min Scan# 848  
 Delta R.T. 0.018 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50

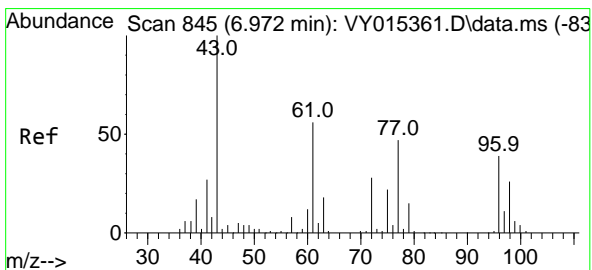
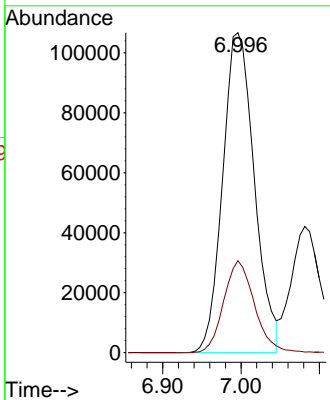
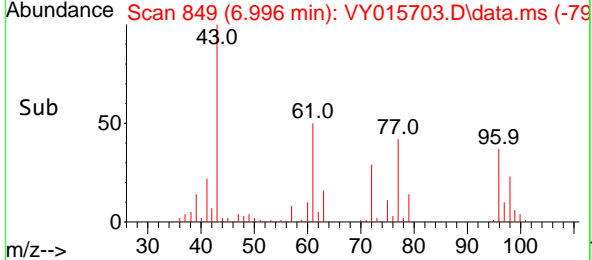
Instrument : MSVOA\_Y  
 ClientSampleId : VSTDCCC050EC



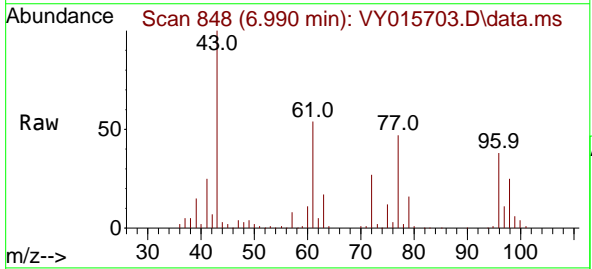
Tgt Ion: 43 Resp: 300079  
 Ion Ratio Lower Upper  
 43 100  
 72 28.8 20.5 30.7

Manual Integrations  
**APPROVED**

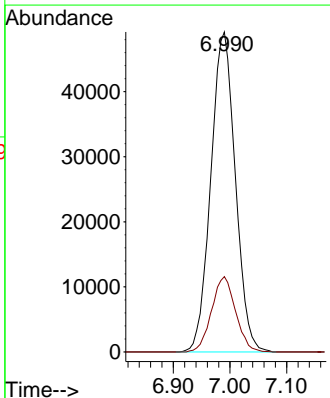
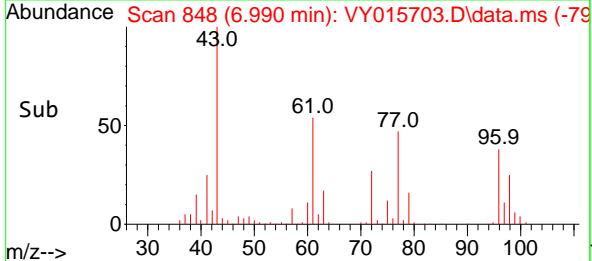
Reviewed By :Mahesh Dadoda 09/26/2023  
 Supervised By :Semsettin Yesilyurt 09/26/2023

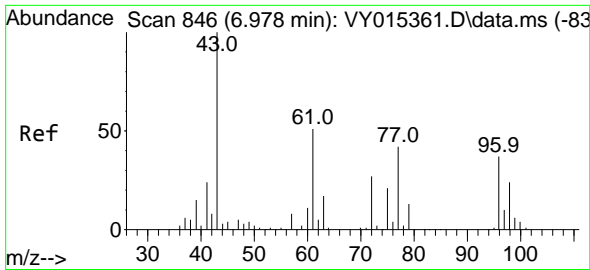


#26  
 2,2-Dichloropropane  
 Concen: 51.538 ug/l  
 RT: 6.990 min Scan# 848  
 Delta R.T. 0.018 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50



Tgt Ion: 77 Resp: 147623  
 Ion Ratio Lower Upper  
 77 100  
 97 23.1 10.9 32.9





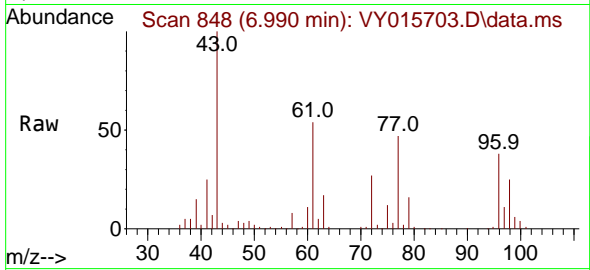
#27  
 cis-1,2-Dichloroethene  
 Concen: 54.275 ug/l  
 RT: 6.990 min Scan# 846  
 Delta R.T. 0.012 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

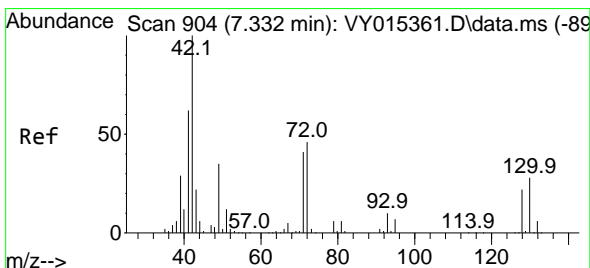
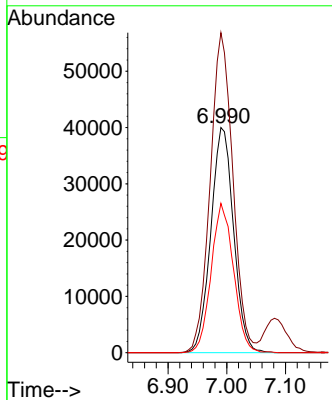
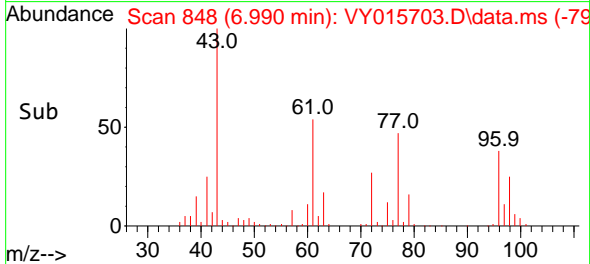


Tgt Ion: 96 Resp: 107610  
 Ion Ratio Lower Upper  
 96 100  
 61 142.1 0.0 301.4  
 98 65.2 0.0 130.4

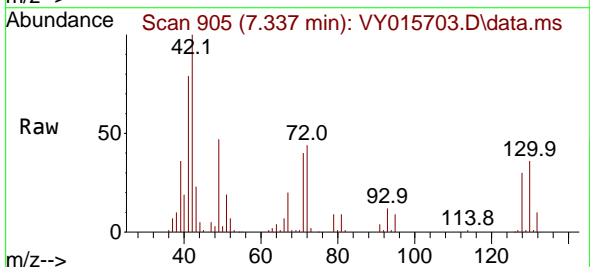
Manual Integrations

APPROVED

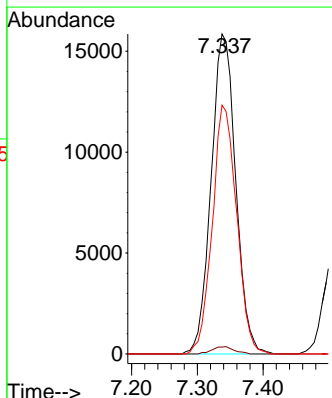
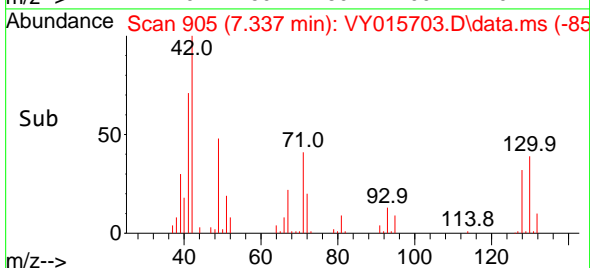
Reviewed By :Mahesh Dadoda 09/26/2023  
 Supervised By :Semsettin Yesilyurt 09/26/2023

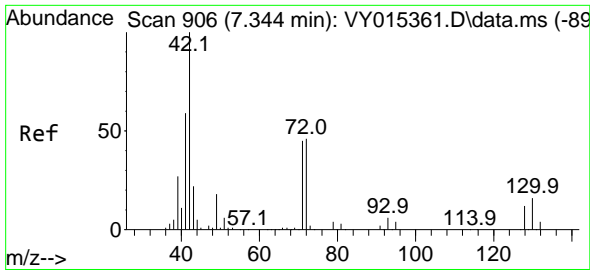


#28  
 Bromochloromethane  
 Concen: 48.537 ug/l  
 RT: 7.337 min Scan# 905  
 Delta R.T. 0.011 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50



Tgt Ion: 49 Resp: 41268  
 Ion Ratio Lower Upper  
 49 100  
 129 2.1 0.0 4.6  
 130 76.8 60.7 91.1





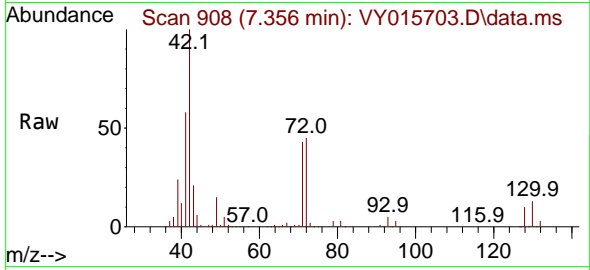
#29  
 Tetrahydrofuran  
 Concen: 257.366 ug/l  
 RT: 7.356 min Scan# 906  
 Delta R.T. 0.012 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

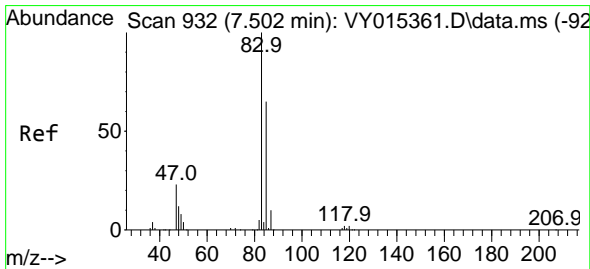
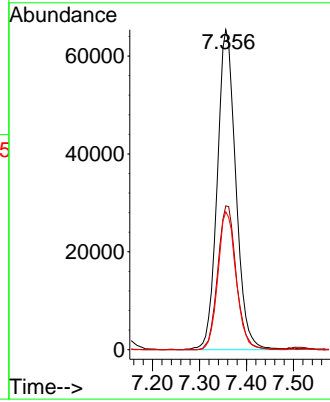
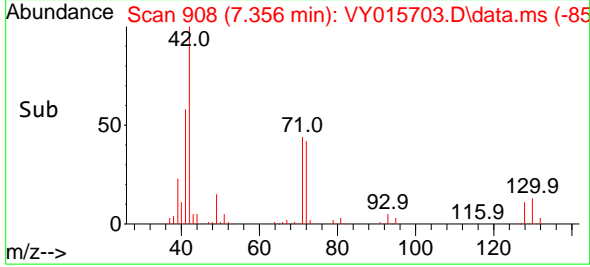


Tgt Ion: 42 Resp: 17981  
 Ion Ratio Lower Upper  
 42 100  
 72 44.8 32.8 49.2  
 71 42.1 31.0 46.4

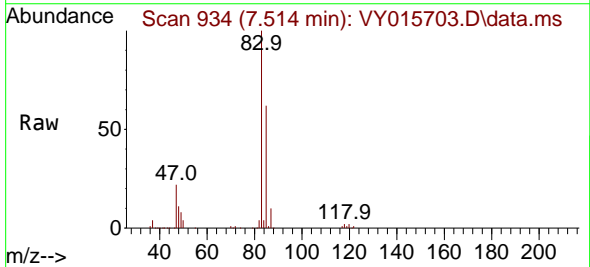
Manual Integrations

APPROVED

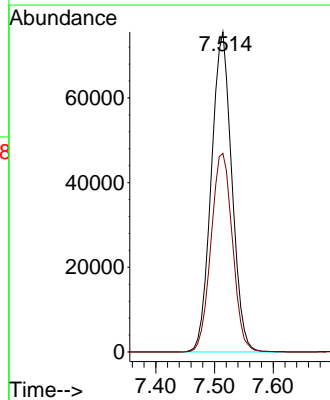
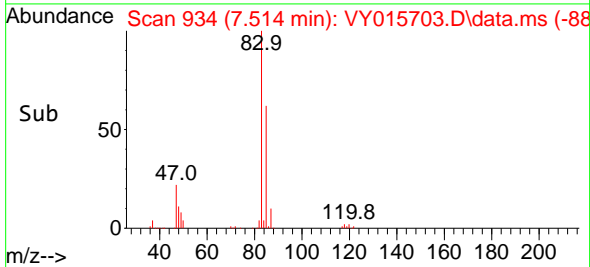
Reviewed By :Mahesh Dadoda 09/26/2023  
 Supervised By :Semsettin Yesilyurt 09/26/2023

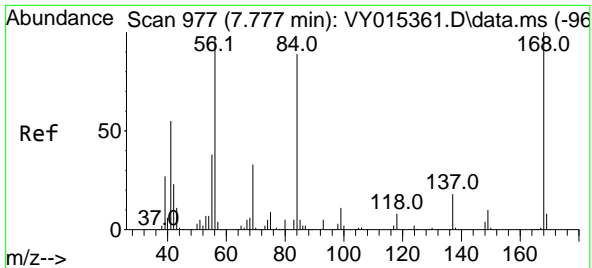


#30  
 Chloroform  
 Concen: 54.566 ug/l  
 RT: 7.514 min Scan# 934  
 Delta R.T. 0.018 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50



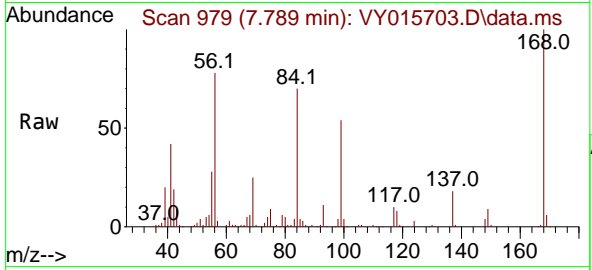
Tgt Ion: 83 Resp: 183127  
 Ion Ratio Lower Upper  
 83 100  
 85 62.1 49.7 74.5





#31  
 Cyclohexane  
 Concen: 52.453 ug/l  
 RT: 7.789 min Scan# 911  
 Delta R.T. 0.006 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50

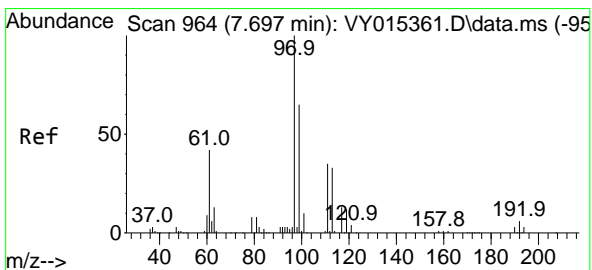
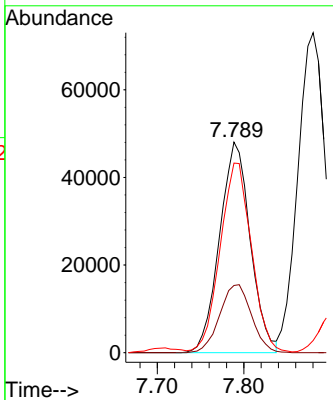
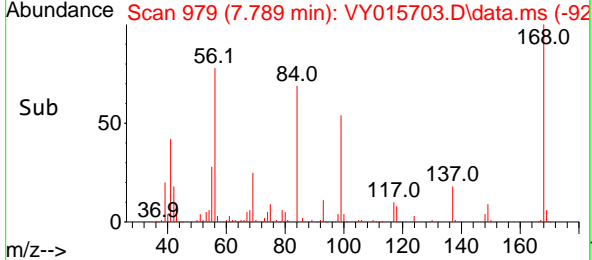
Instrument : MSVOA\_Y  
 ClientSampleId : VSTDCCC050EC



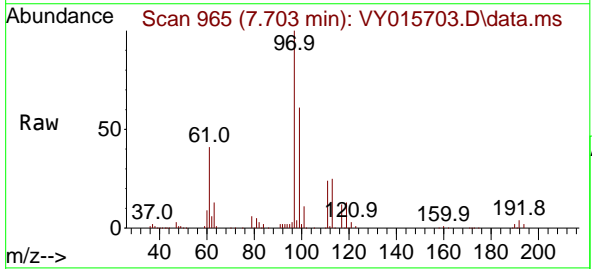
Tgt Ion: 56 Resp: 118740  
 Ion Ratio Lower Upper  
 56 100  
 69 31.9 27.8 41.6  
 84 88.4 66.4 99.6

Manual Integrations  
 APPROVED

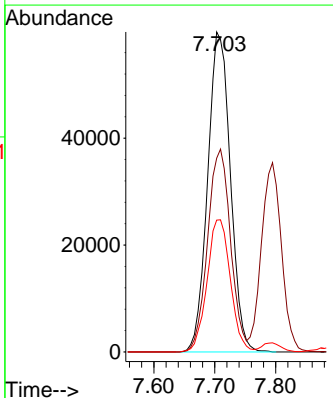
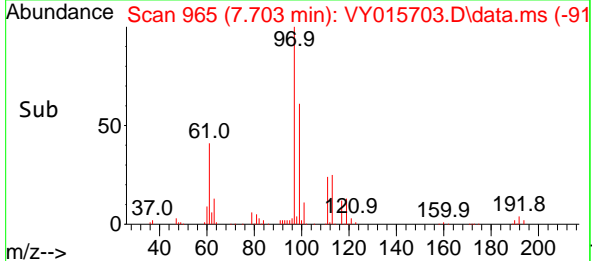
Reviewed By :Mahesh Dadoda 09/26/2023  
 Supervised By :Semsettin Yesilyurt 09/26/2023

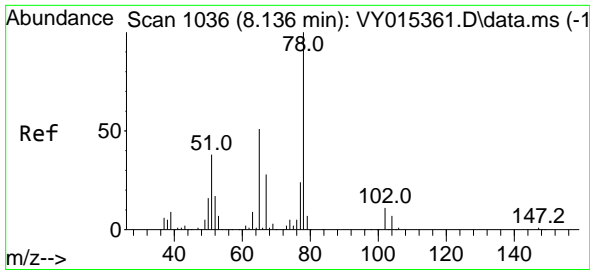


#32  
 1,1,1-Trichloroethane  
 Concen: 55.954 ug/l  
 RT: 7.703 min Scan# 965  
 Delta R.T. 0.012 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50



Tgt Ion: 97 Resp: 155022  
 Ion Ratio Lower Upper  
 97 100  
 99 64.0 50.8 76.2  
 61 42.4 35.1 52.7





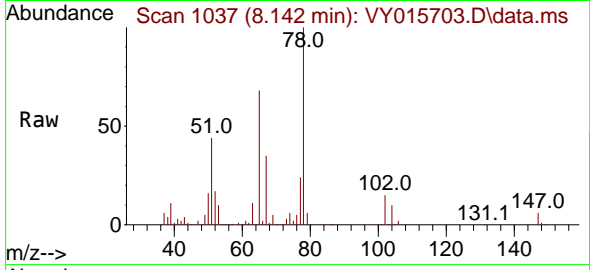
#33  
 1,2-Dichloroethane-d4  
 Concen: 46.939 ug/l  
 RT: 8.142 min Scan# 1037  
 Delta R.T. 0.006 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

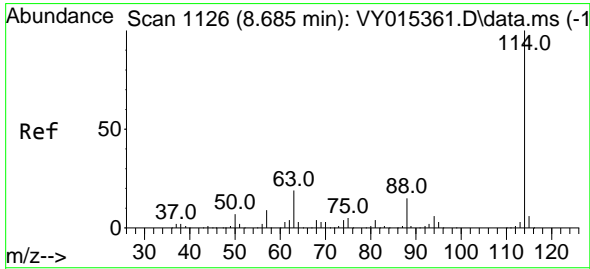
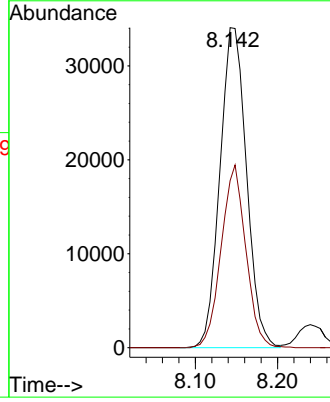
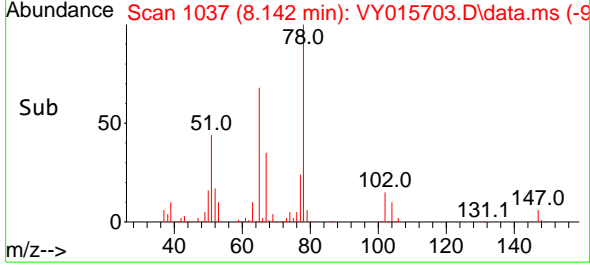


Tgt Ion: 65 Resp: 7670  
 Ion Ratio Lower Upper  
 65 100  
 67 52.9 0.0 101.8

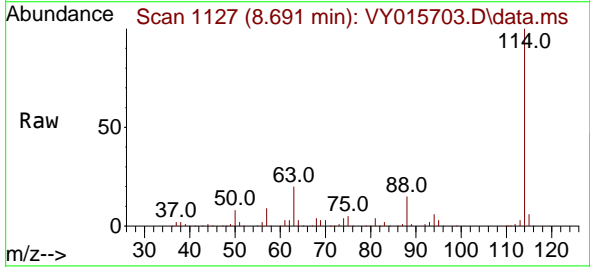
Manual Integrations

APPROVED

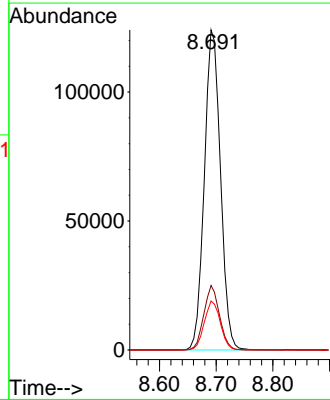
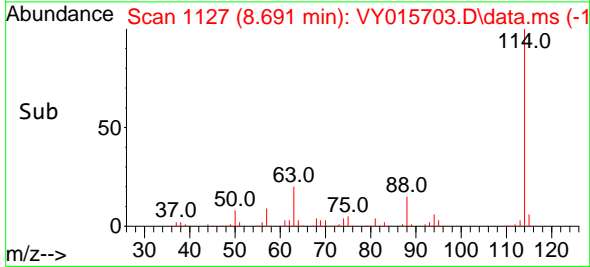
Reviewed By :Mahesh Dadoda 09/26/2023  
 Supervised By :Semsettin Yesilyurt 09/26/2023

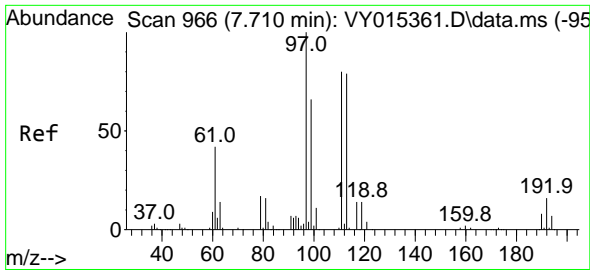


#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.691 min Scan# 1127  
 Delta R.T. 0.006 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50



Tgt Ion:114 Resp: 245438  
 Ion Ratio Lower Upper  
 114 100  
 63 20.2 0.0 42.4  
 88 15.3 0.0 30.6





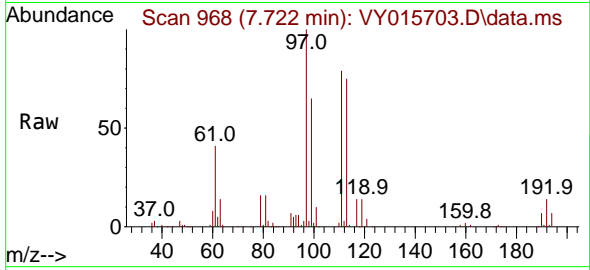
#35  
 Dibromofluoromethane  
 Concen: 52.307 ug/l  
 RT: 7.722 min Scan# 901  
 Delta R.T. 0.006 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC



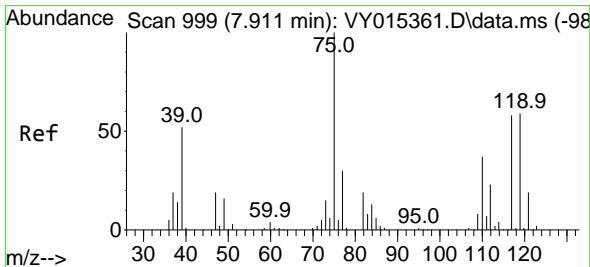
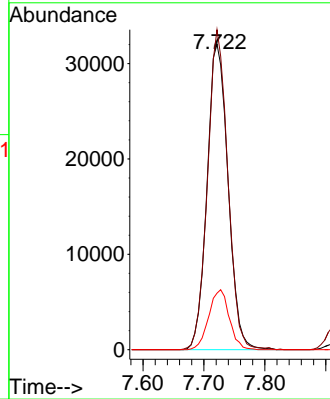
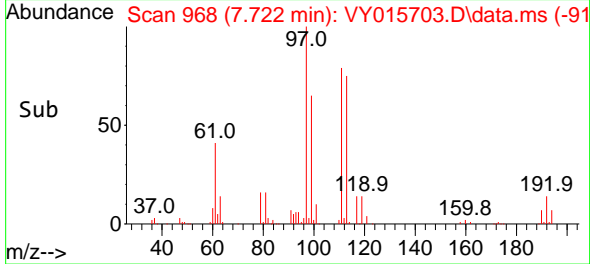
Tgt Ion:113 Resp: 76840  
 Ion Ratio Lower Upper  
 113 100  
 111 101.0 81.3 121.9  
 192 19.2 16.9 25.3

Manual Integrations

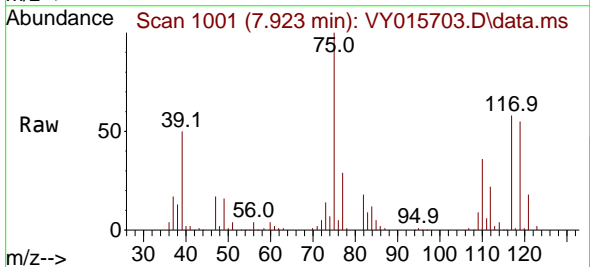
APPROVED

Reviewed By :Mahesh Dadoda 09/26/2023

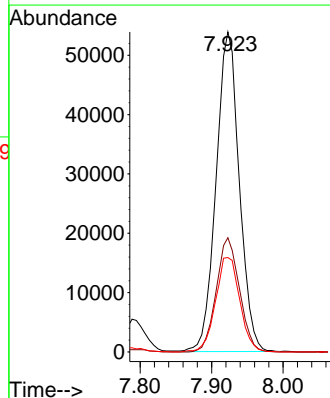
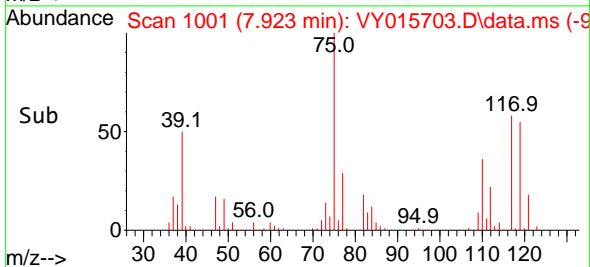
Supervised By :Semsettin Yesilyurt 09/26/2023

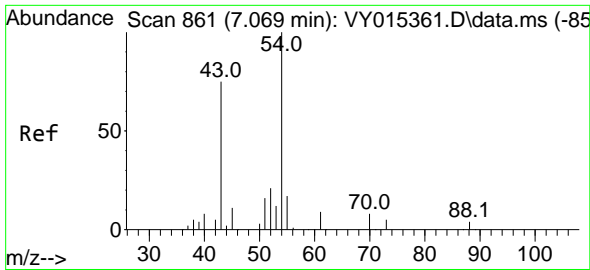


#36  
 1,1-Dichloropropene  
 Concen: 55.852 ug/l  
 RT: 7.923 min Scan# 1001  
 Delta R.T. 0.012 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50



Tgt Ion: 75 Resp: 121316  
 Ion Ratio Lower Upper  
 75 100  
 110 35.7 17.8 53.5  
 77 31.0 24.4 36.6





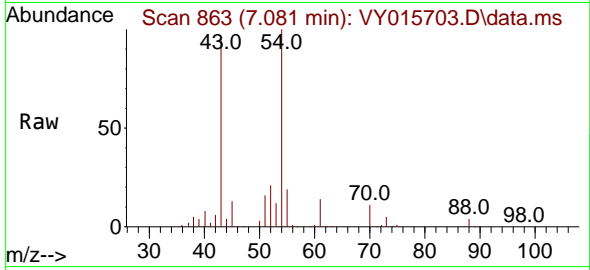
#37  
 Ethyl Acetate  
 Concen: 52.690 ug/l  
 RT: 7.081 min Scan# 861  
 Delta R.T. 0.018 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50

Instrument :

MSVOA\_Y

Client Sample Id :

VSTDC050EC

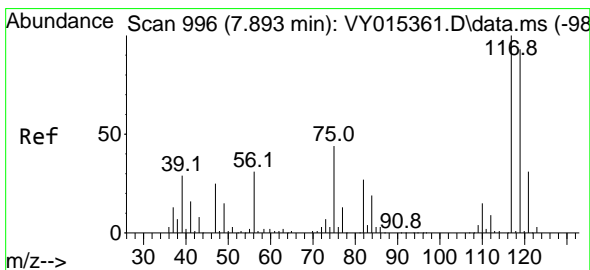
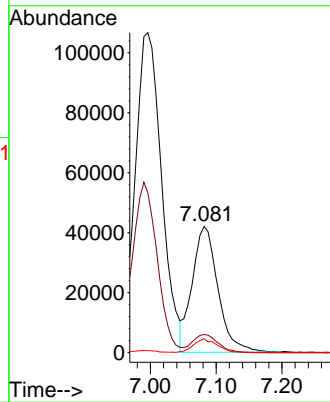
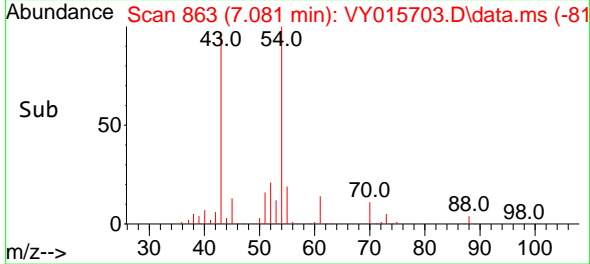


Tgt Ion: 43 Resp: 11415  
 Ion Ratio Lower Upper  
 43 100  
 61 14.3 10.1 15.1  
 70 10.1 7.1 10.7

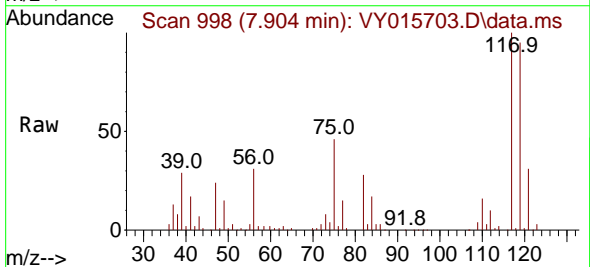
Manual Integrations

APPROVED

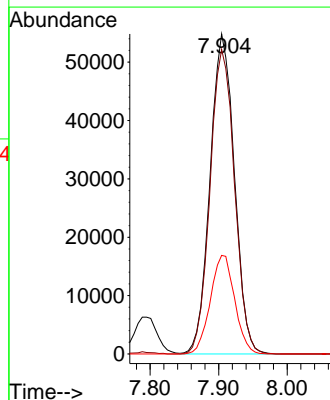
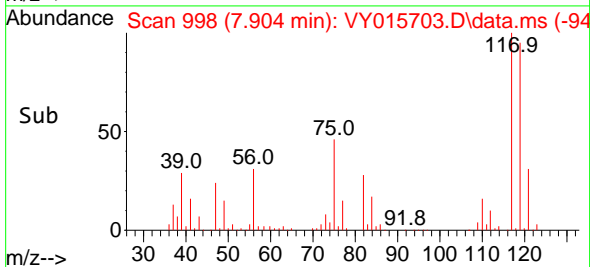
Reviewed By :Mahesh Dadoda 09/26/2023  
 Supervised By :Semsettin Yesilyurt 09/26/2023

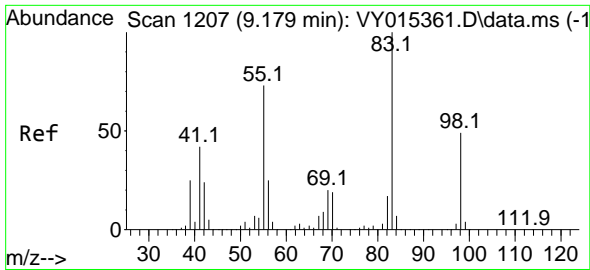


#38  
 Carbon Tetrachloride  
 Concen: 57.374 ug/l  
 RT: 7.904 min Scan# 998  
 Delta R.T. 0.011 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50



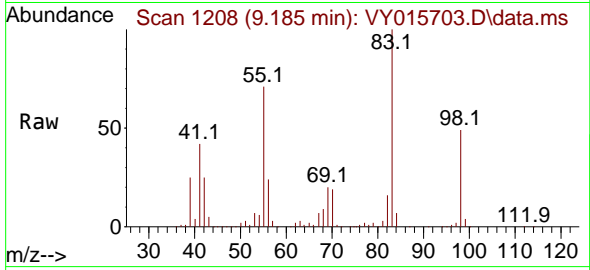
Tgt Ion:117 Resp: 135273  
 Ion Ratio Lower Upper  
 117 100  
 119 95.1 76.4 114.6  
 121 30.8 25.8 38.6





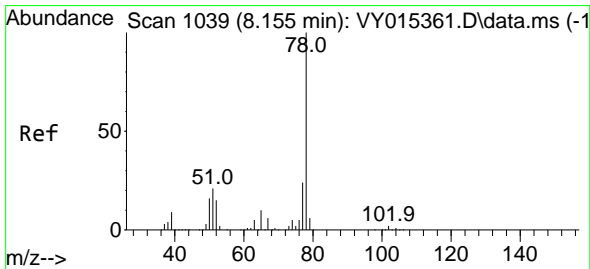
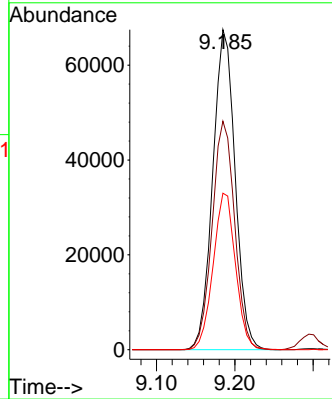
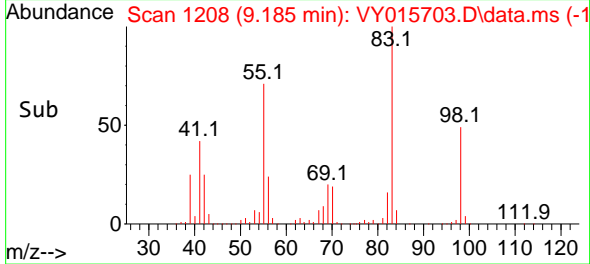
#39  
 Methylcyclohexane  
 Concen: 55.770 ug/l  
 RT: 9.185 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50

Instrument : MSVOA\_Y  
 ClientSampleId : VSTDCCC050EC

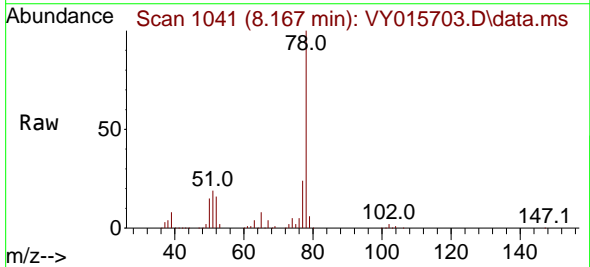


Tgt Ion: 83 Resp: 13398  
 Ion Ratio Lower Upper  
 83 100  
 55 71.4 63.0 94.4  
 98 48.9 37.4 56.2

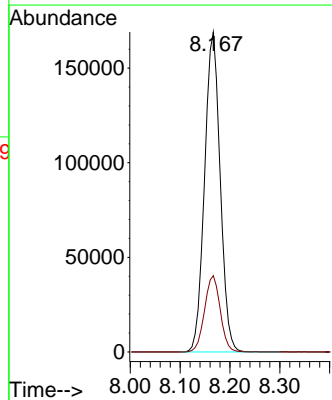
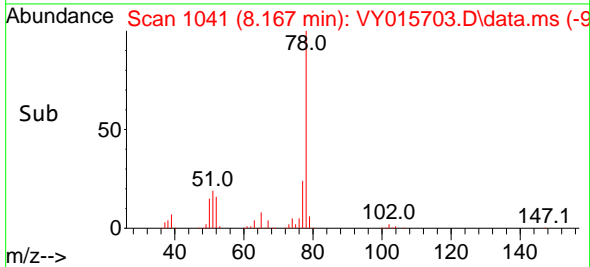
Manual Integrations  
**APPROVED**  
 Reviewed By :Mahesh Dadoda 09/26/2023  
 Supervised By :Semsettin Yesilyurt 09/26/2023



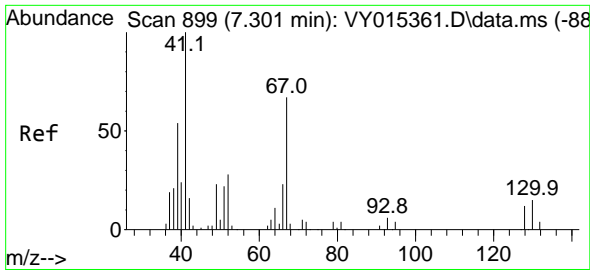
#40  
 Benzene  
 Concen: 55.507 ug/l  
 RT: 8.167 min Scan# 1041  
 Delta R.T. 0.018 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50



Tgt Ion: 78 Resp: 367672  
 Ion Ratio Lower Upper  
 78 100  
 77 23.8 19.0 28.6







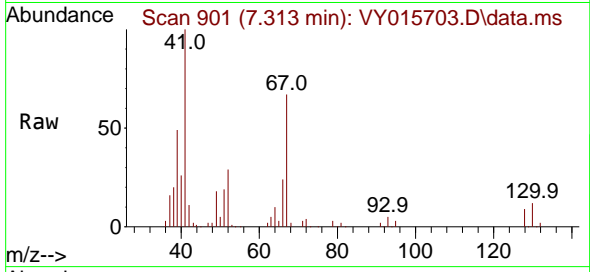
#41  
 Methacrylonitrile  
 Concen: 54.162 ug/l  
 RT: 7.313 min Scan# 901  
 Delta R.T. 0.000 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC



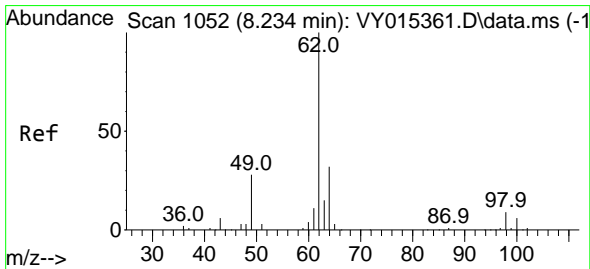
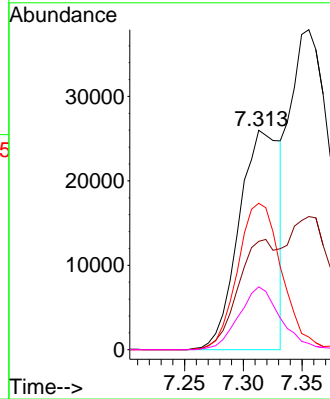
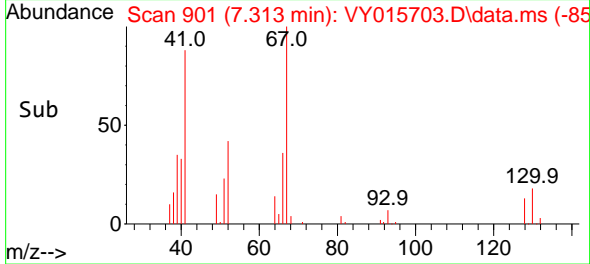
Tgt Ion: 41 Resp: 6318  
 Ion Ratio Lower Upper  
 41 100  
 39 43.4 52.1 78.1  
 67 72.2 66.2 99.2  
 52 29.2 29.9 44.9#

Manual Integrations

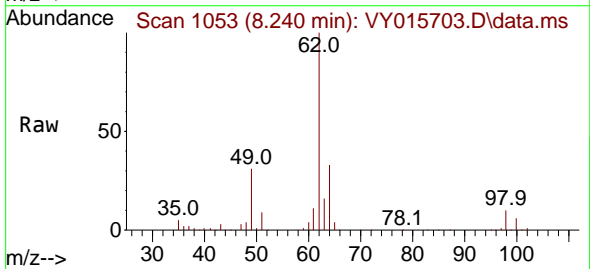
APPROVED

Reviewed By :Mahesh Dadoda 09/26/2023

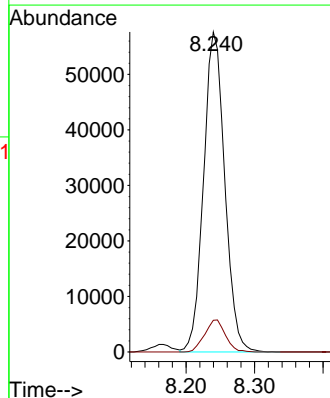
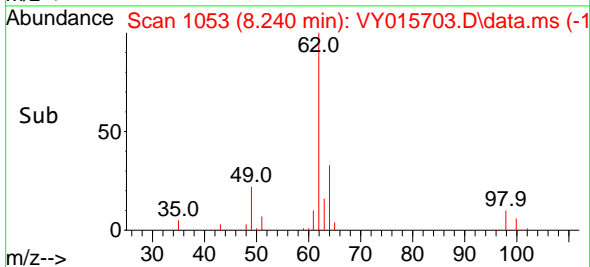
Supervised By :Semsettin Yesilyurt 09/26/2023

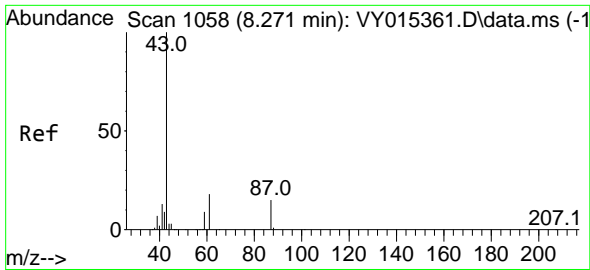


#42  
 1,2-Dichloroethane  
 Concen: 54.718 ug/l  
 RT: 8.240 min Scan# 1053  
 Delta R.T. 0.006 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50



Tgt Ion: 62 Resp: 124130  
 Ion Ratio Lower Upper  
 62 100  
 98 9.8 0.0 15.8





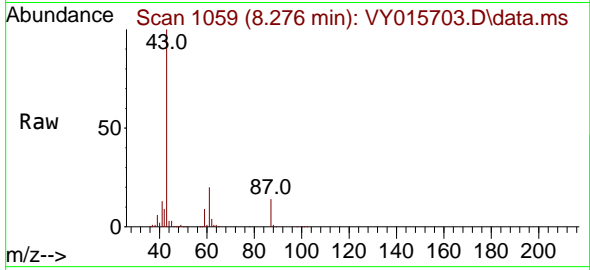
#43  
 Isopropyl Acetate  
 Concen: 54.069 ug/l  
 RT: 8.276 min Scan# 1059  
 Delta R.T. 0.012 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50

Instrument :

MSVOA\_Y

Client Sample Id :

VSTDCCC050EC



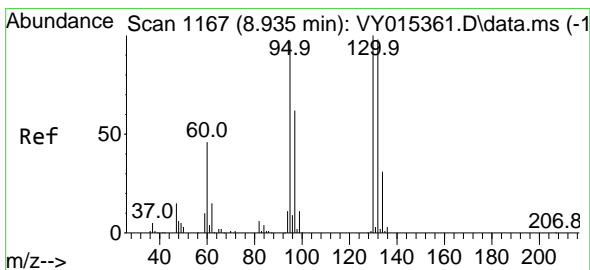
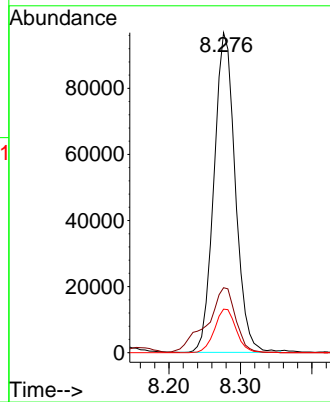
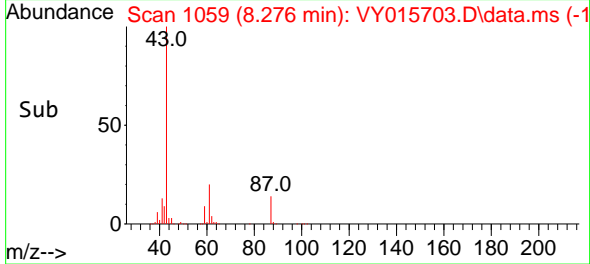
Tgt Ion: 43 Resp: 20010  
 Ion Ratio Lower Upper  
 43 100  
 61 27.5 21.1 31.7  
 87 13.9 9.8 14.8

Manual Integrations

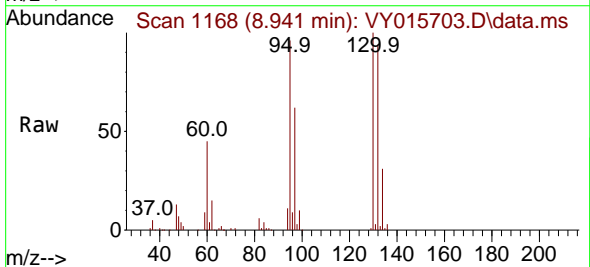
APPROVED

Reviewed By :Mahesh Dadoda 09/26/2023

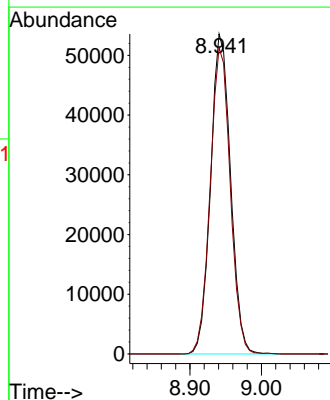
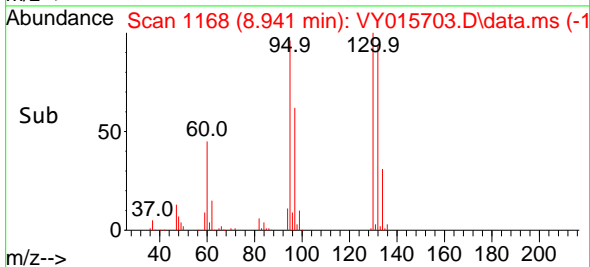
Supervised By :Semsettin Yesilyurt 09/26/2023

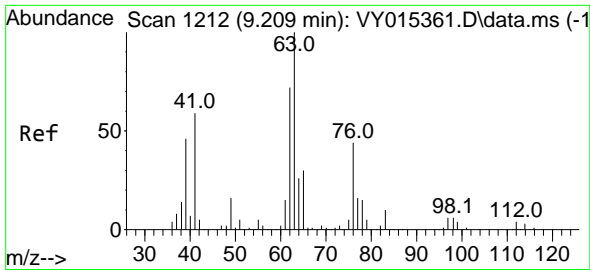


#44  
 Trichloroethene  
 Concen: 56.134 ug/l  
 RT: 8.941 min Scan# 1168  
 Delta R.T. 0.006 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50



Tgt Ion:130 Resp: 103850  
 Ion Ratio Lower Upper  
 130 100  
 95 95.7 0.0 196.0





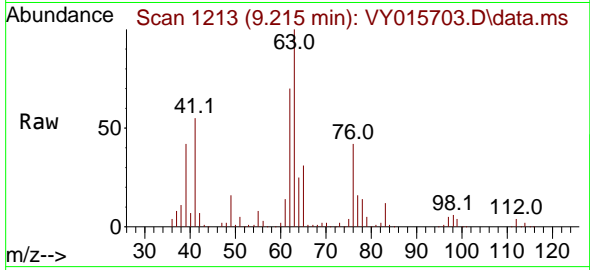
#45  
 1,2-Dichloropropane  
 Concen: 55.678 ug/l  
 RT: 9.215 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

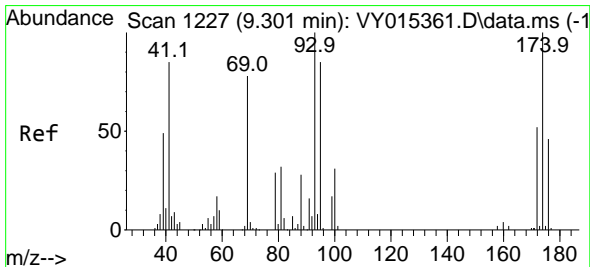
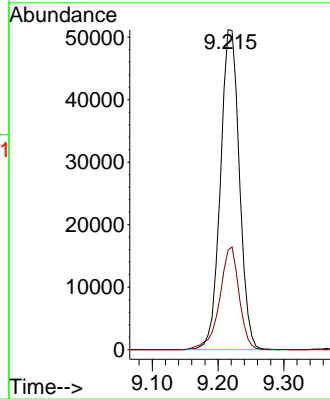
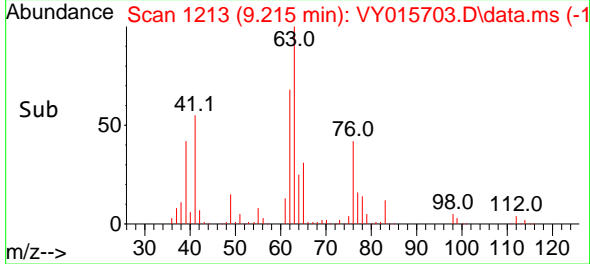


Tgt Ion: 63 Resp: 10284  
 Ion Ratio Lower Upper  
 63 100  
 65 31.1 23.8 35.6

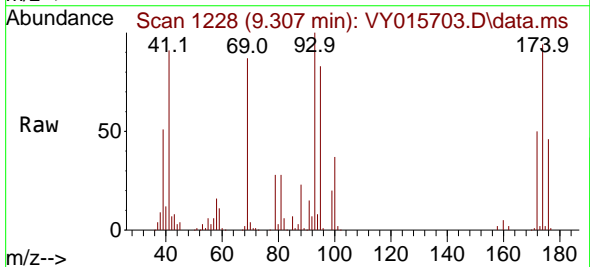
Manual Integrations

APPROVED

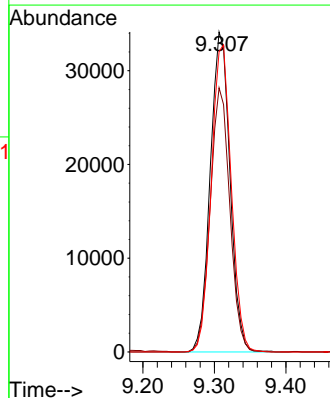
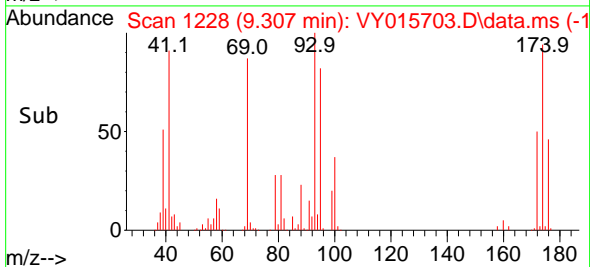
Reviewed By :Mahesh Dadoda 09/26/2023  
 Supervised By :Semsettin Yesilyurt 09/26/2023

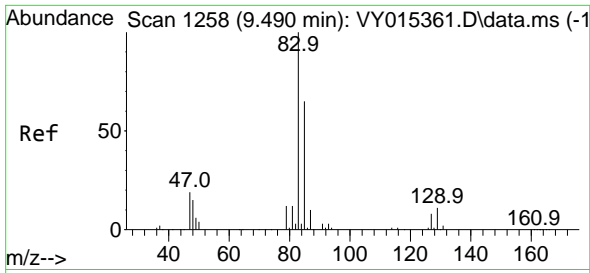


#46  
 Dibromomethane  
 Concen: 55.437 ug/l  
 RT: 9.307 min Scan# 1228  
 Delta R.T. 0.012 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50



Tgt Ion: 93 Resp: 65505  
 Ion Ratio Lower Upper  
 93 100  
 95 82.1 66.6 100.0  
 174 97.2 84.8 127.2





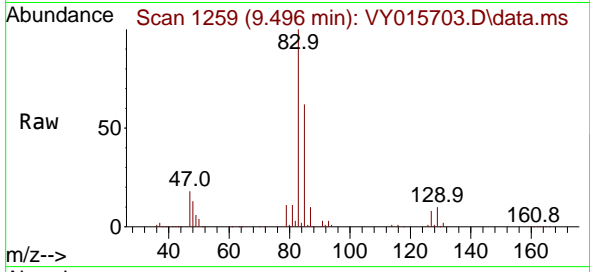
#47  
 Bromodichloromethane  
 Concen: 56.272 ug/l  
 RT: 9.496 min Scan# 1259  
 Delta R.T. 0.006 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

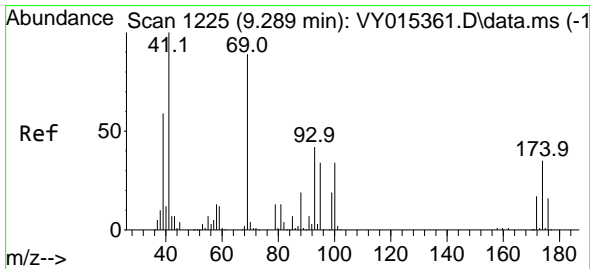
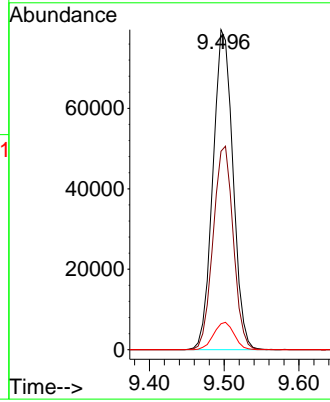
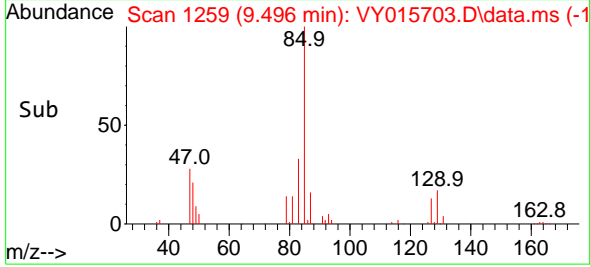


Tgt Ion: 83 Resp: 14820  
 Ion Ratio Lower Upper  
 83 100  
 85 62.0 50.1 75.1  
 127 8.1 7.1 10.7

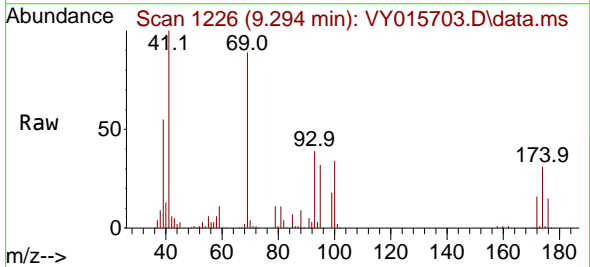
Manual Integrations

APPROVED

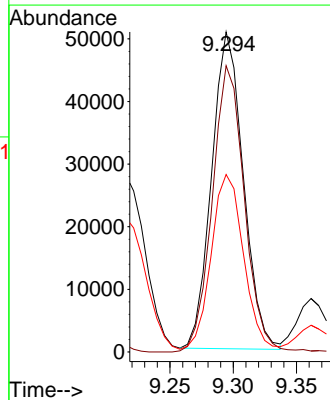
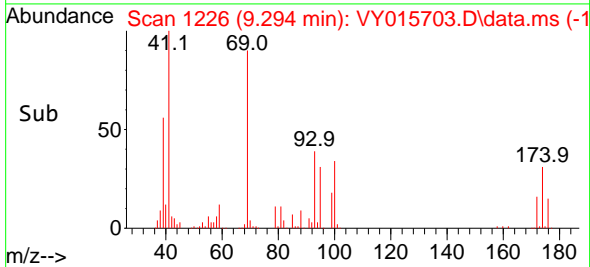
Reviewed By :Mahesh Dadoda 09/26/2023  
 Supervised By :Semsettin Yesilyurt 09/26/2023

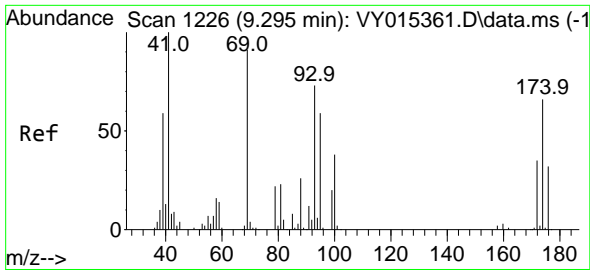


#48  
 Methyl methacrylate  
 Concen: 54.180 ug/l  
 RT: 9.294 min Scan# 1226  
 Delta R.T. 0.005 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50



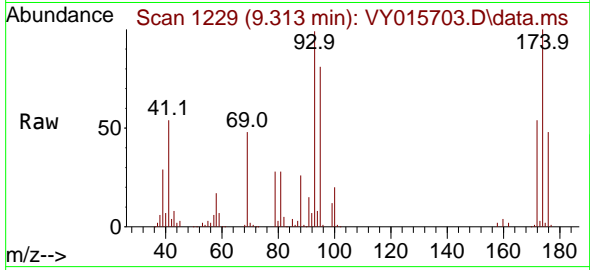
Tgt Ion: 41 Resp: 88013  
 Ion Ratio Lower Upper  
 41 100  
 69 92.0 64.5 96.7  
 39 57.9 50.8 76.2





#49  
 1,4-Dioxane  
 Concen: 1084.244 ug/l  
 RT: 9.313 min Scan# 1229  
 Delta R.T. 0.024 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50

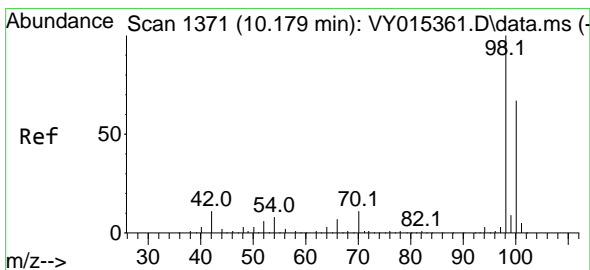
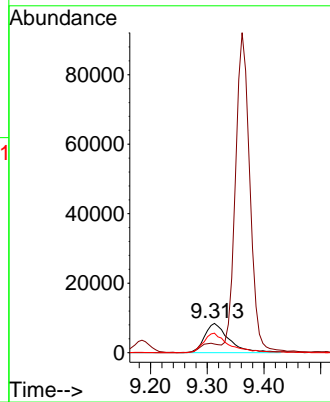
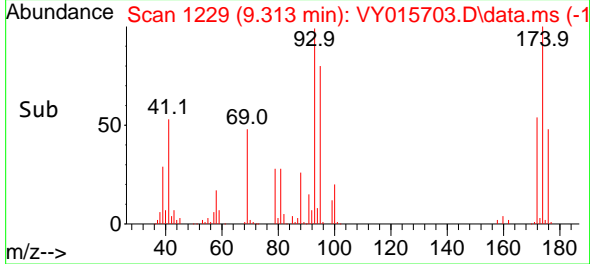
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC



Tgt Ion: 88 Resp: 25310  
 Ion Ratio Lower Upper  
 88 100  
 43 26.3 0.0 0.0  
 58 68.7 30.9 46.3

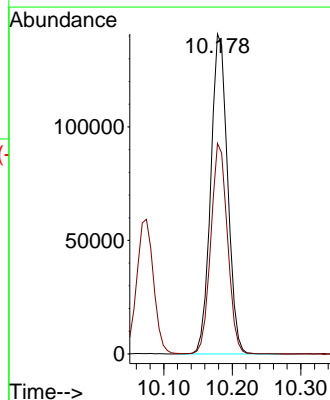
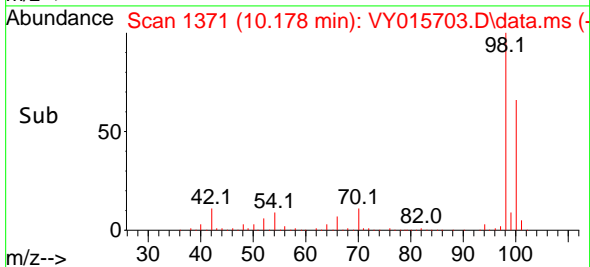
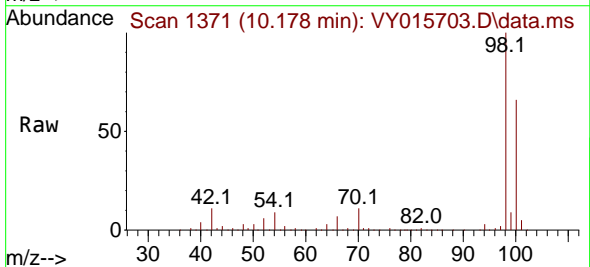
Manual Integrations  
**APPROVED**

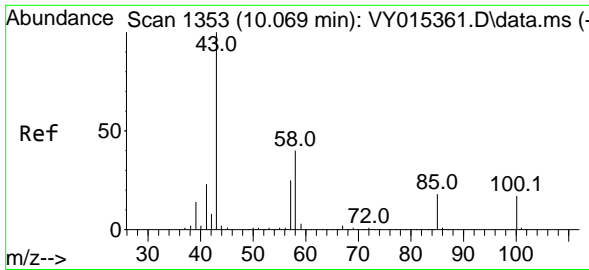
Reviewed By :Mahesh Dadoda 09/26/2023  
 Supervised By :Semsettin Yesilyurt 09/26/2023



#50  
 Toluene-d8  
 Concen: 48.268 ug/l  
 RT: 10.178 min Scan# 1371  
 Delta R.T. -0.001 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50

Tgt Ion: 98 Resp: 240421  
 Ion Ratio Lower Upper  
 98 100  
 100 65.2 50.1 75.1





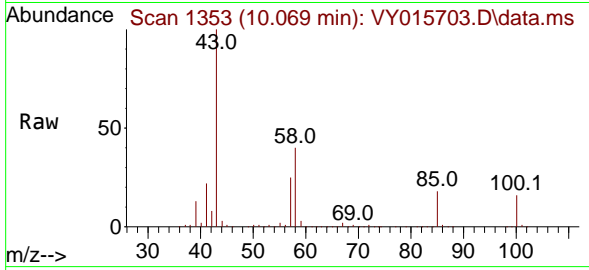
#51  
 4-Methyl-2-Pentanone  
 Concen: 269.421 ug/l  
 RT: 10.069 min Scan# 1353  
 Delta R.T. -0.000 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

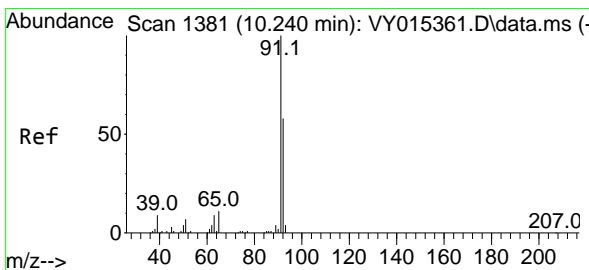
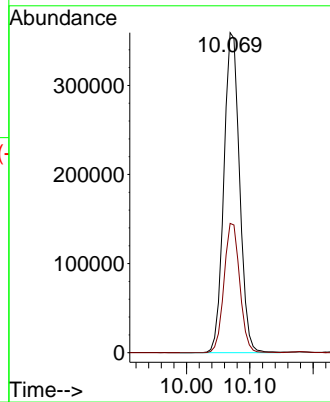
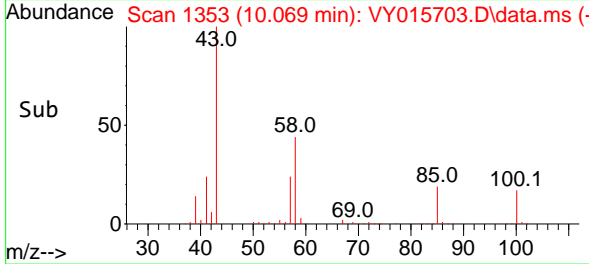


Tgt Ion: 43 Resp: 618010  
 Ion Ratio Lower Upper  
 43 100  
 58 40.5 29.0 43.6

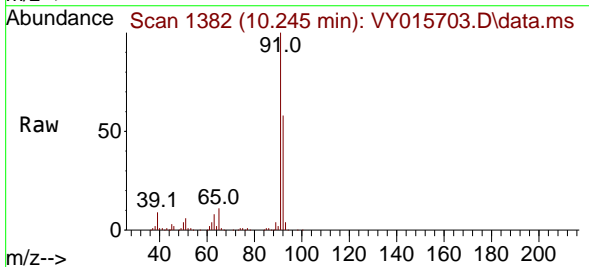
Manual Integrations

APPROVED

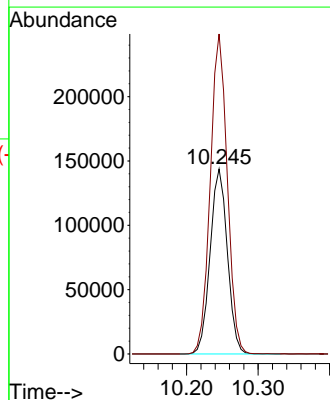
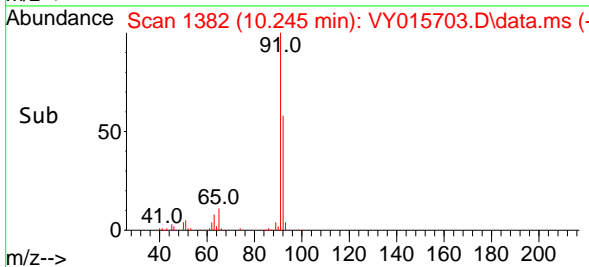
Reviewed By :Mahesh Dadoda 09/26/2023  
 Supervised By :Semsettin Yesilyurt 09/26/2023

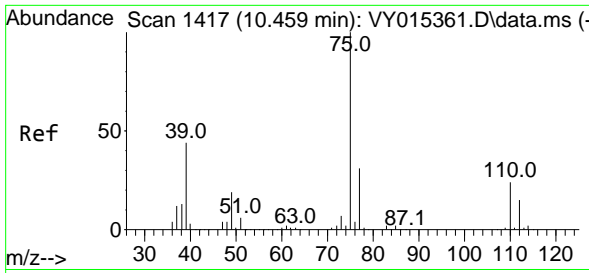


#52  
 Toluene  
 Concen: 56.341 ug/l  
 RT: 10.245 min Scan# 1382  
 Delta R.T. 0.005 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50



Tgt Ion: 92 Resp: 240597  
 Ion Ratio Lower Upper  
 92 100  
 91 170.7 143.8 215.6





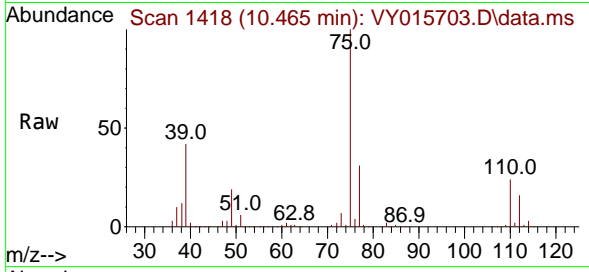
#53  
 t-1,3-Dichloropropene  
 Concen: 56.323 ug/l  
 RT: 10.465 min Scan# 1417  
 Delta R.T. 0.006 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

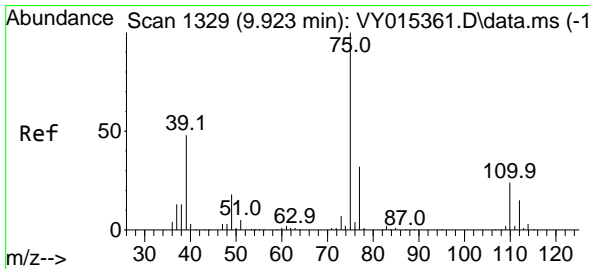
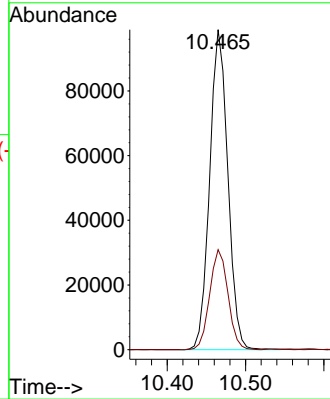
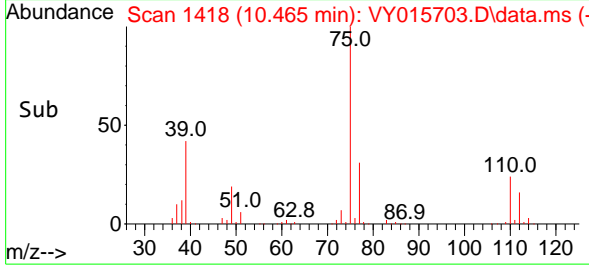


Tgt Ion: 75 Resp: 159070  
 Ion Ratio Lower Upper  
 75 100  
 77 31.3 25.0 37.4

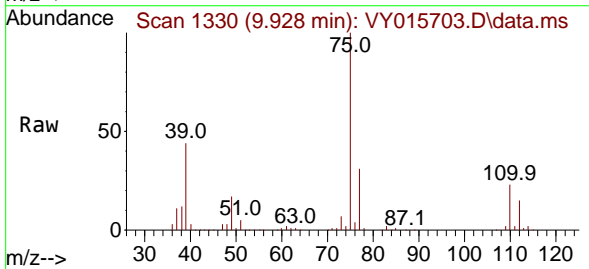
Manual Integrations

APPROVED

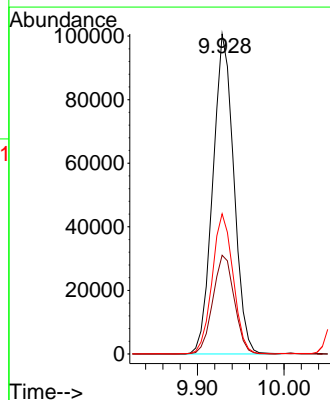
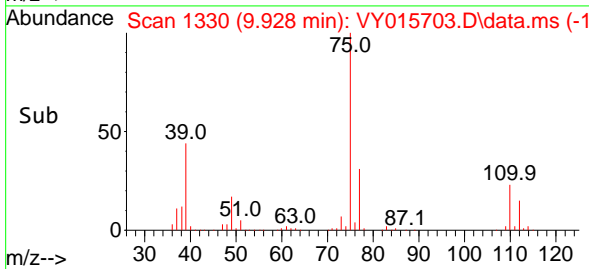
Reviewed By :Mahesh Dadoda 09/26/2023  
 Supervised By :Semsettin Yesilyurt 09/26/2023

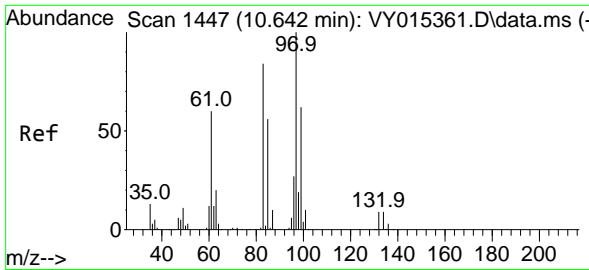


#54  
 cis-1,3-Dichloropropene  
 Concen: 55.678 ug/l  
 RT: 9.928 min Scan# 1330  
 Delta R.T. 0.005 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50



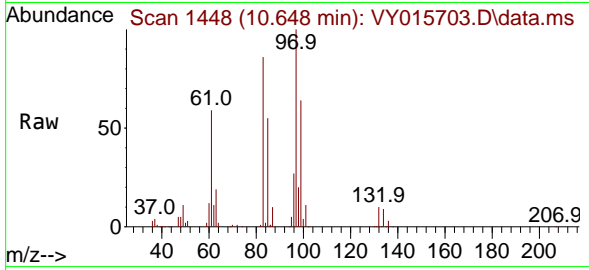
Tgt Ion: 75 Resp: 169271  
 Ion Ratio Lower Upper  
 75 100  
 77 30.8 24.2 36.4  
 39 43.7 42.2 63.4





#55  
 1,1,2-Trichloroethane  
 Concen: 55.353 ug/l  
 RT: 10.648 min Scan# 1447  
 Delta R.T. 0.006 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50

Instrument : MSVOA\_Y  
 ClientSampleId : VSTDCCC050EC

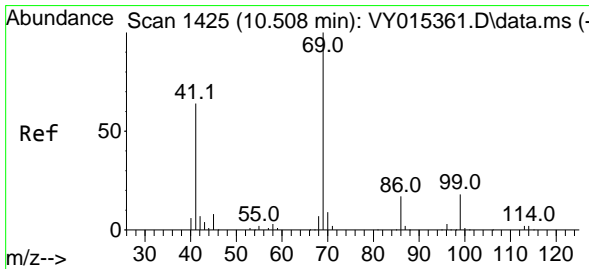
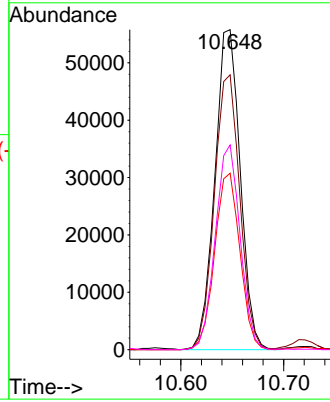
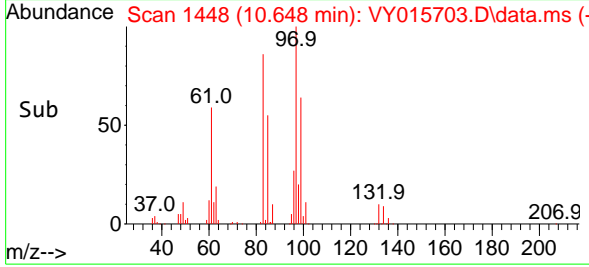


Tgt Ion: 97 Resp: 95849

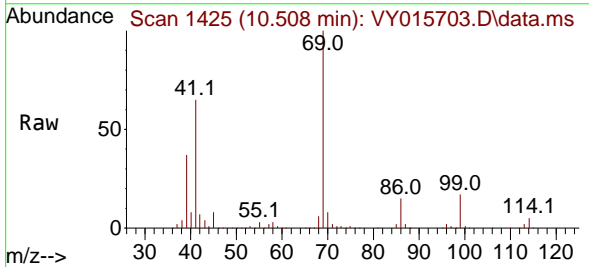
Ion	Ratio	Lower	Upper
97	100		
83	85.9	72.0	108.0
85	55.2	45.4	68.0
99	64.0	50.3	75.5

Manual Integrations  
**APPROVED**

Reviewed By :Mahesh Dadoda 09/26/2023  
 Supervised By :Semsettin Yesilyurt 09/26/2023

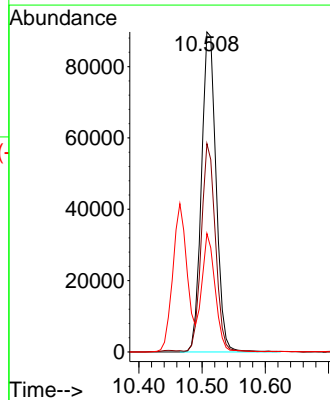
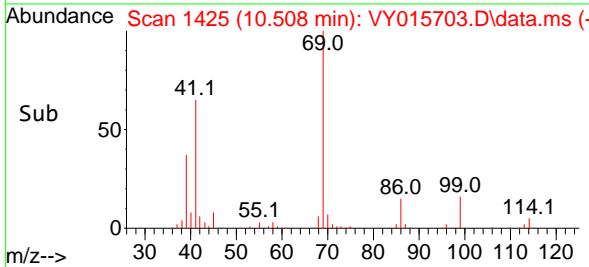


#56  
 Ethyl methacrylate  
 Concen: 56.671 ug/l  
 RT: 10.508 min Scan# 1425  
 Delta R.T. -0.000 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50

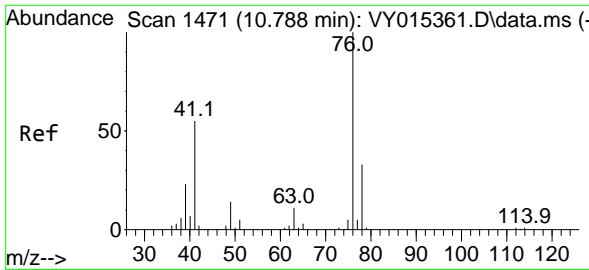


Tgt Ion: 69 Resp: 144616

Ion	Ratio	Lower	Upper
69	100		
41	62.7	57.6	86.4
39	33.6	34.1	51.1#

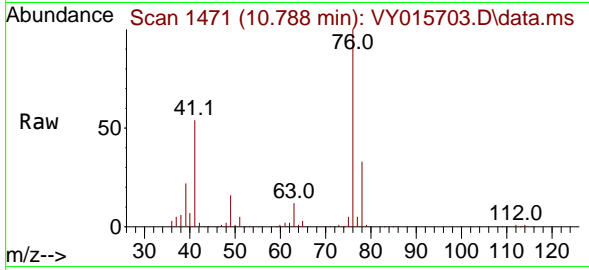






#57  
 1,3-Dichloropropane  
 Concen: 54.792 ug/l  
 RT: 10.788 min Scan# 1471  
 Delta R.T. 0.000 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50

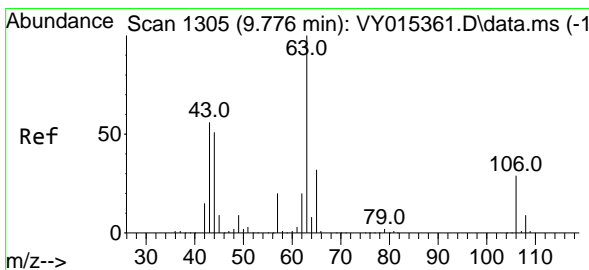
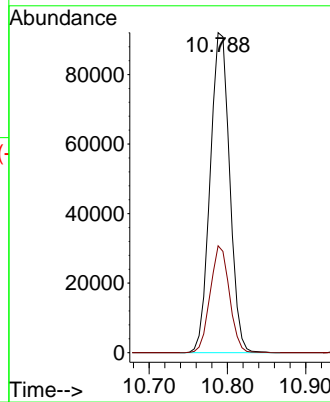
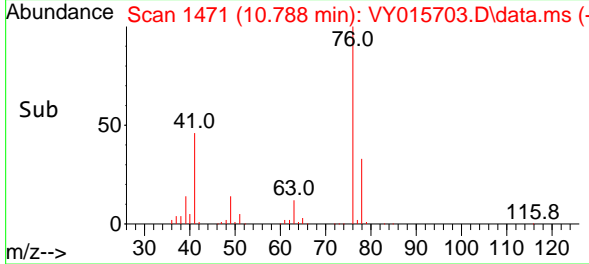
Instrument : MSVOA\_Y  
 ClientSampleId : VSTDCCC050EC



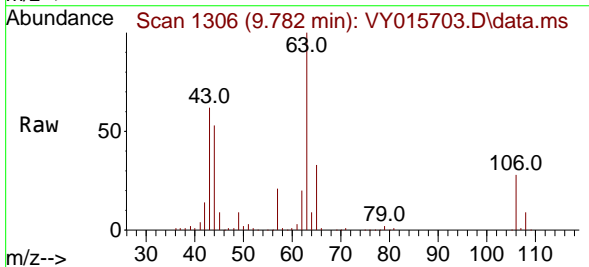
Tgt Ion: 76 Resp: 159108  
 Ion Ratio Lower Upper  
 76 100  
 78 32.9 25.3 37.9

Manual Integrations  
 APPROVED

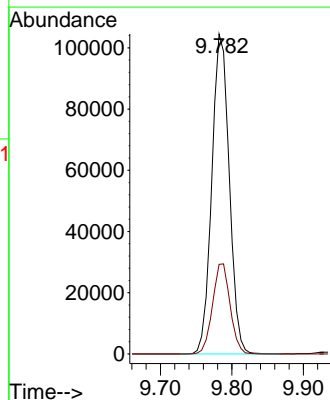
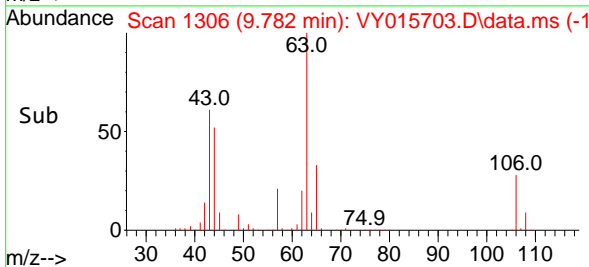
Reviewed By :Mahesh Dadoda 09/26/2023  
 Supervised By :Semsettin Yesilyurt 09/26/2023

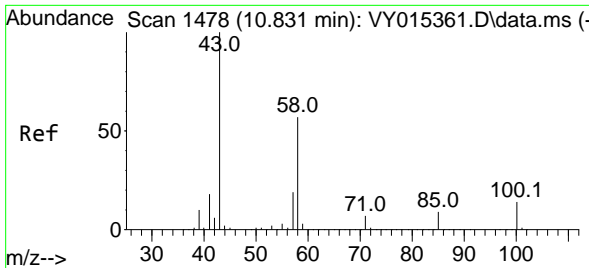


#58  
 2-Chloroethyl Vinyl ether  
 Concen: 218.383 ug/l  
 RT: 9.782 min Scan# 1306  
 Delta R.T. 0.006 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50



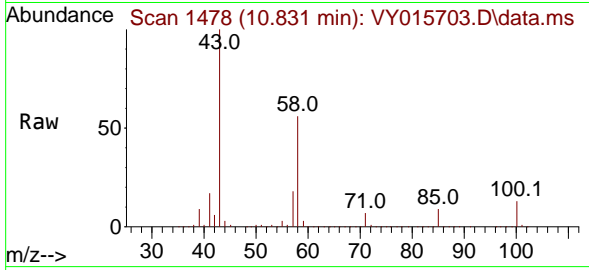
Tgt Ion: 63 Resp: 177016  
 Ion Ratio Lower Upper  
 63 100  
 106 28.4 21.2 31.8





#59  
 2-Hexanone  
 Concen: 267.939 ug/l  
 RT: 10.831 min Scan# 1478  
 Delta R.T. -0.000 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50

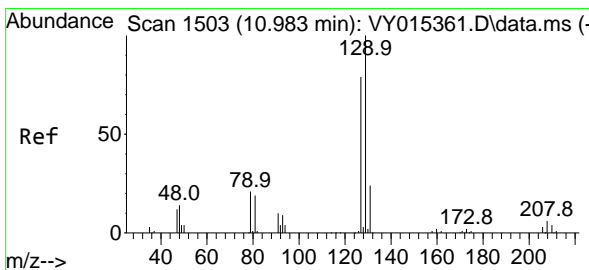
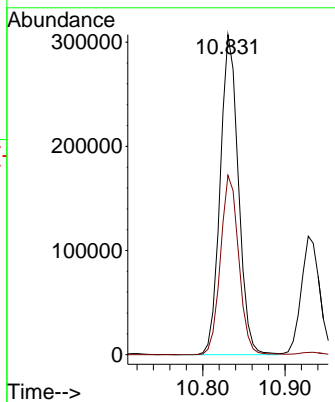
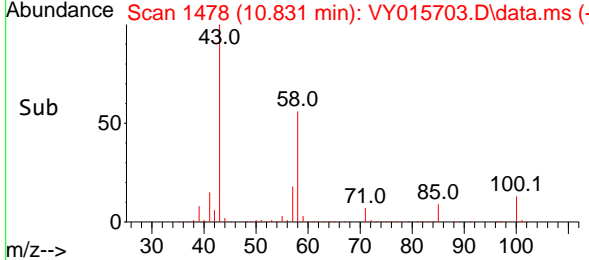
**Instrument :**  
 MSVOA\_Y  
**ClientSampleId :**  
 VSTDCCC050EC



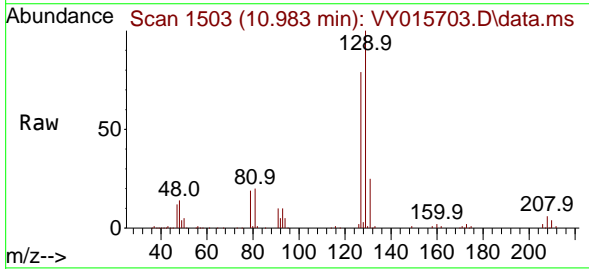
Tgt Ion: 43 Resp: 47154  
 Ion Ratio Lower Upper  
 43 100  
 58 56.3 25.1 75.3

**Manual Integrations**  
**APPROVED**

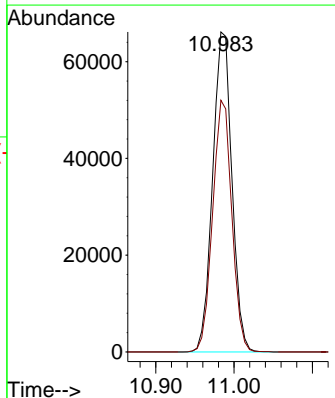
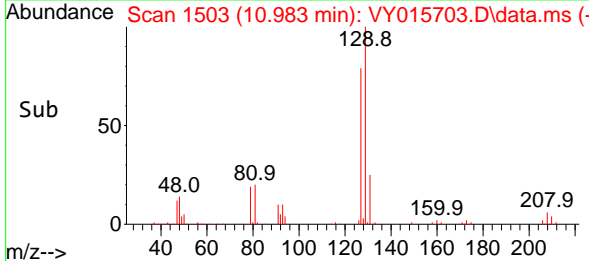
Reviewed By :Mahesh Dadoda 09/26/2023  
 Supervised By :Semsettin Yesilyurt 09/26/2023

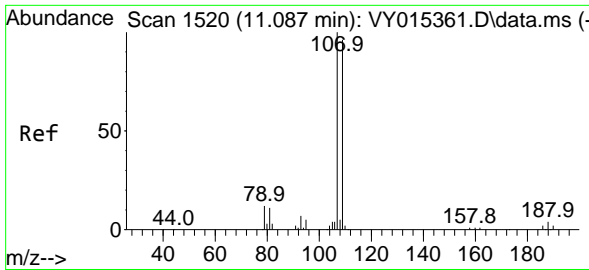


#60  
 Dibromochloromethane  
 Concen: 55.890 ug/l  
 RT: 10.983 min Scan# 1503  
 Delta R.T. 0.000 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50



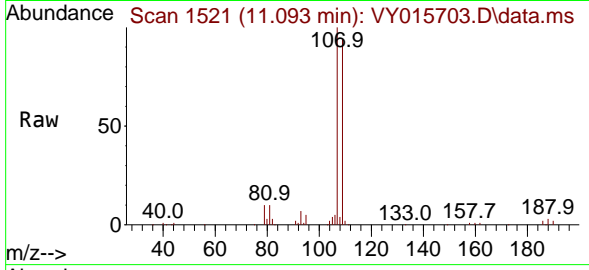
Tgt Ion:129 Resp: 112974  
 Ion Ratio Lower Upper  
 129 100  
 127 78.3 38.5 115.5





#61  
 1,2-Dibromoethane  
 Concen: 54.669 ug/l  
 RT: 11.093 min Scan# 11093  
 Delta R.T. 0.006 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50

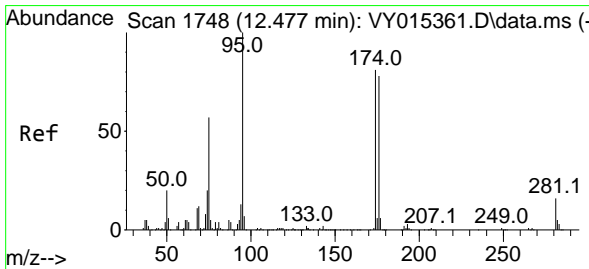
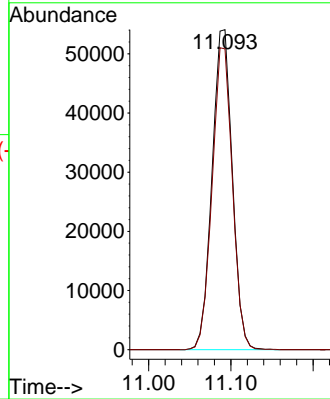
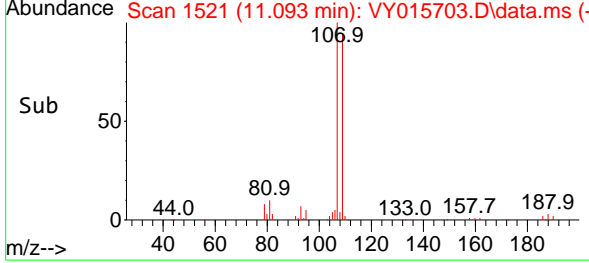
Instrument : MSVOA\_Y  
 ClientSampleId : VSTDCCC050EC



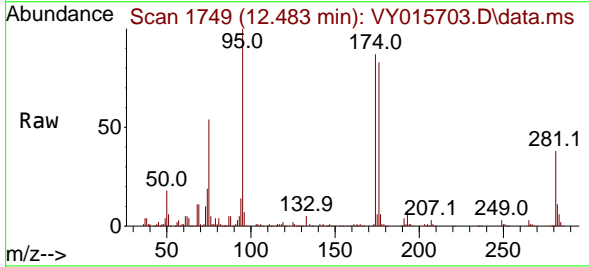
Tgt Ion:107 Resp: 92610  
 Ion Ratio Lower Upper  
 107 100  
 109 94.4 75.6 113.4

Manual Integrations  
 APPROVED

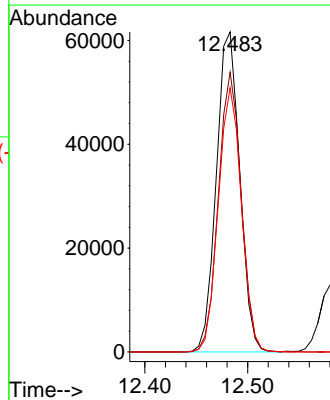
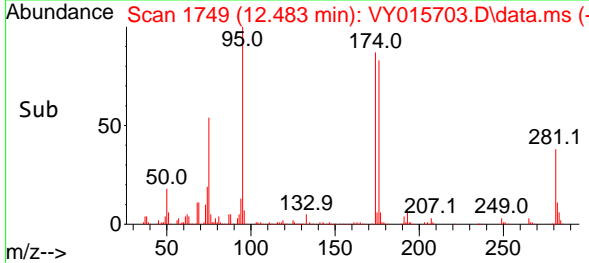
Reviewed By :Mahesh Dadoda 09/26/2023  
 Supervised By :Semsettin Yesilyurt 09/26/2023

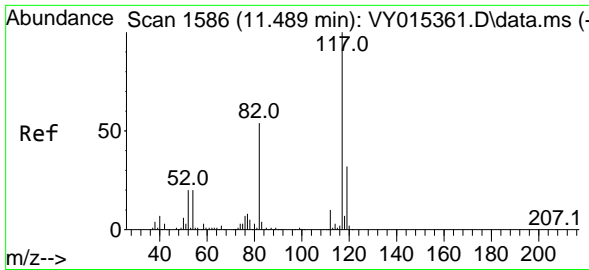


#62  
 4-Bromofluorobenzene  
 Concen: 49.742 ug/l  
 RT: 12.483 min Scan# 1749  
 Delta R.T. 0.006 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50



Tgt Ion: 95 Resp: 97230  
 Ion Ratio Lower Upper  
 95 100  
 174 85.5 0.0 178.2  
 176 81.6 0.0 173.8





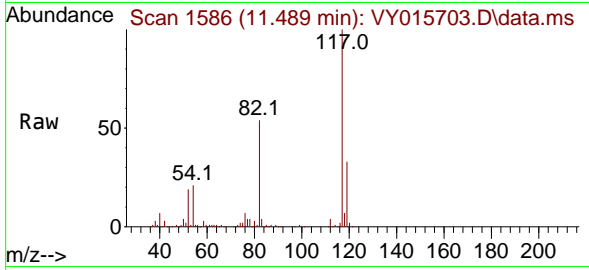
#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.489 min Scan# 1148  
 Delta R.T. 0.000 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

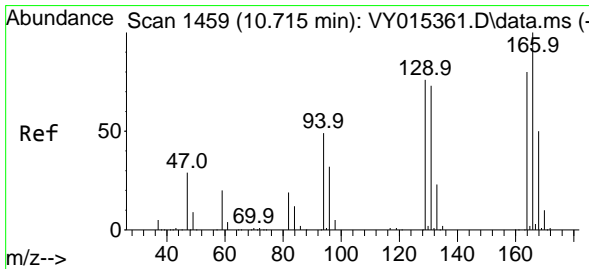
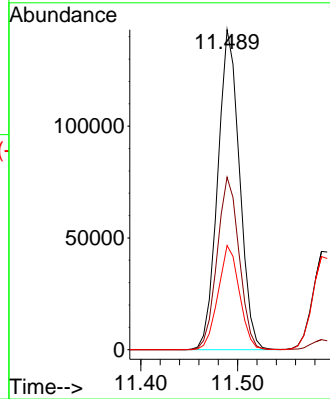
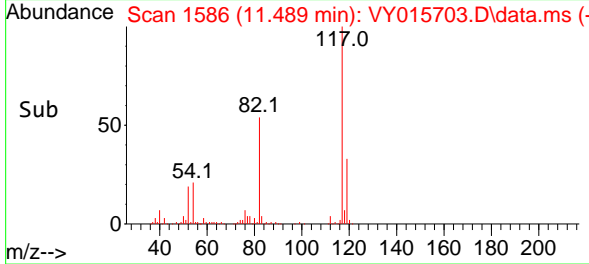


Tgt Ion:117 Resp: 223404  
 Ion Ratio Lower Upper  
 117 100  
 82 53.9 43.4 65.0  
 119 32.5 26.3 39.5

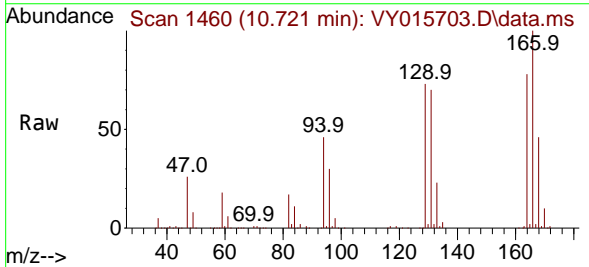
Manual Integrations

APPROVED

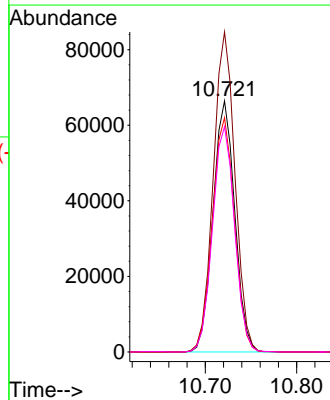
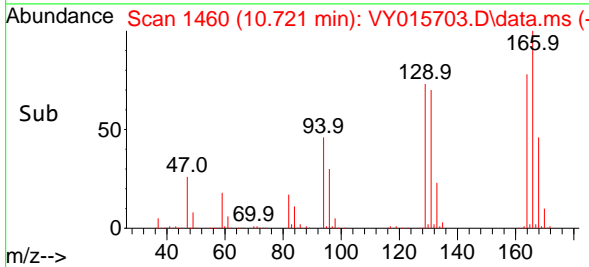
Reviewed By :Mahesh Dadoda 09/26/2023  
 Supervised By :Semsettin Yesilyurt 09/26/2023

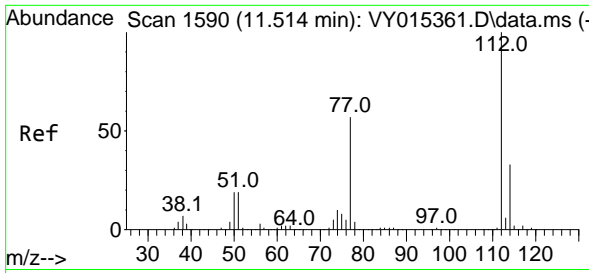


#64  
 Tetrachloroethene  
 Concen: 57.427 ug/l  
 RT: 10.721 min Scan# 1460  
 Delta R.T. 0.006 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50



Tgt Ion:164 Resp: 110072  
 Ion Ratio Lower Upper  
 164 100  
 166 127.4 103.0 154.6  
 129 93.3 77.2 115.8  
 131 89.7 69.6 104.4

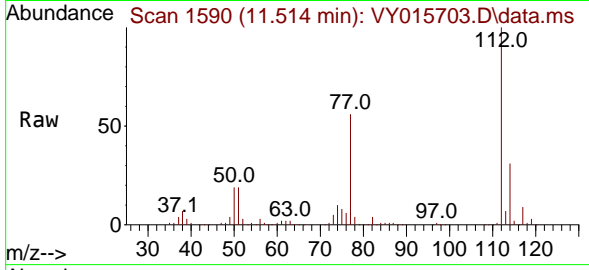




#65  
 Chlorobenzene  
 Concen: 55.806 ug/l  
 RT: 11.514 min Scan# 111  
 Delta R.T. -0.000 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50

Instrument :

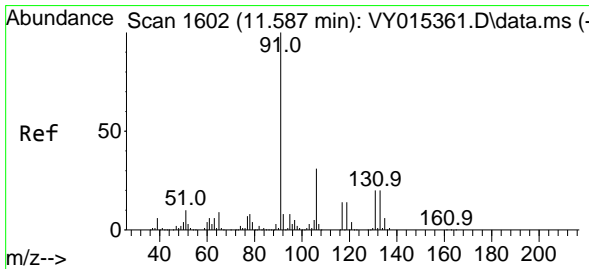
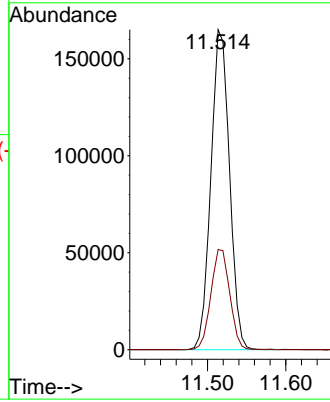
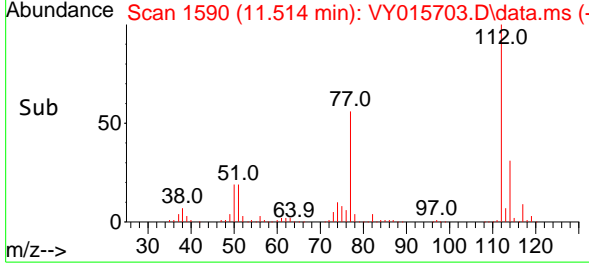
MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC



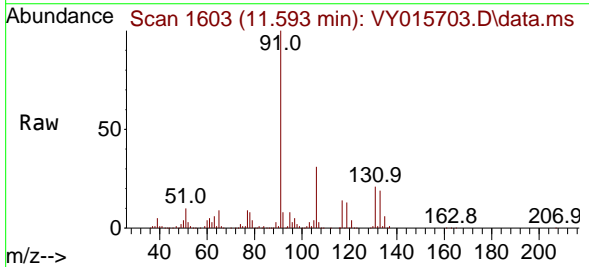
Tgt Ion:112 Resp: 272138  
 Ion Ratio Lower Upper  
 112 100  
 114 31.3 25.5 38.3

Manual Integrations  
 APPROVED

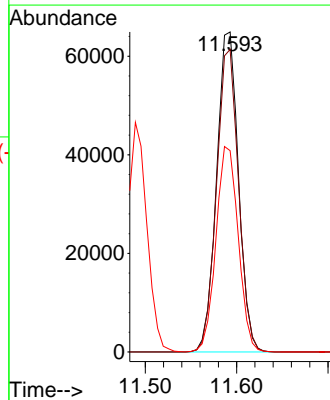
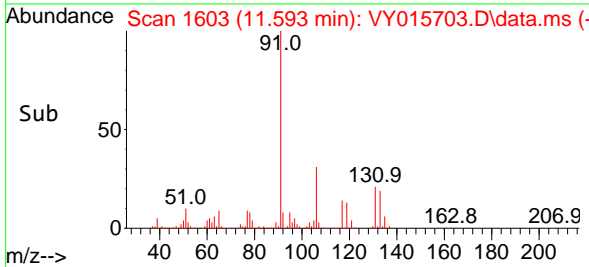
Reviewed By :Mahesh Dadoda 09/26/2023  
 Supervised By :Semsettin Yesilyurt 09/26/2023

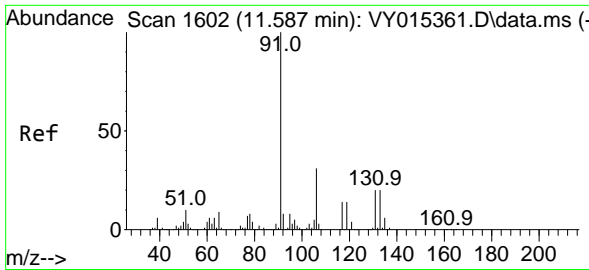


#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 57.056 ug/l  
 RT: 11.593 min Scan# 1603  
 Delta R.T. 0.006 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50



Tgt Ion:131 Resp: 108076  
 Ion Ratio Lower Upper  
 131 100  
 133 95.1 47.5 142.6  
 119 65.5 31.6 94.7





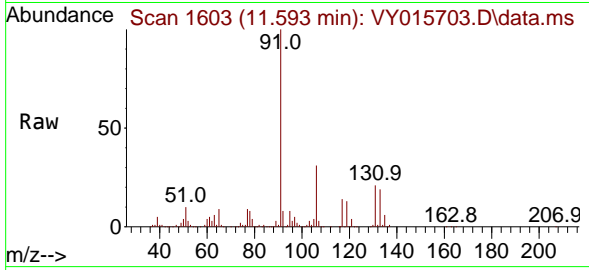
#67  
 Ethyl Benzene  
 Concen: 56.593 ug/l  
 RT: 11.593 min Scan# 1603  
 Delta R.T. 0.006 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

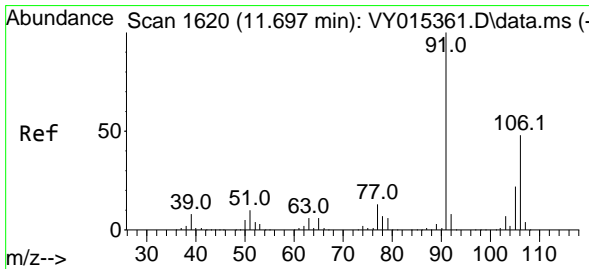
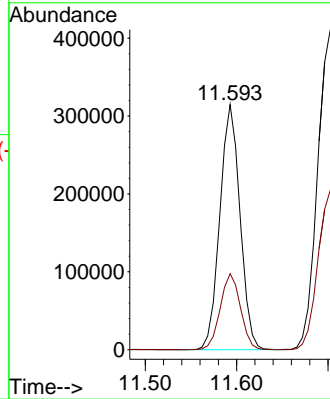
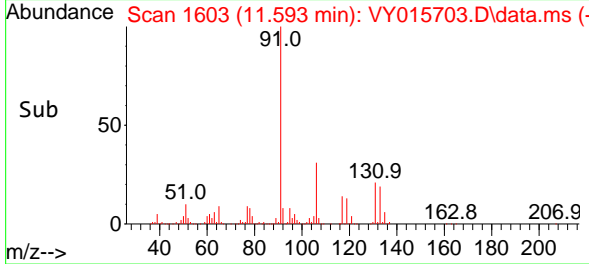


Tgt Ion: 91 Resp: 482369  
 Ion Ratio Lower Upper  
 91 100  
 106 31.0 24.6 36.8

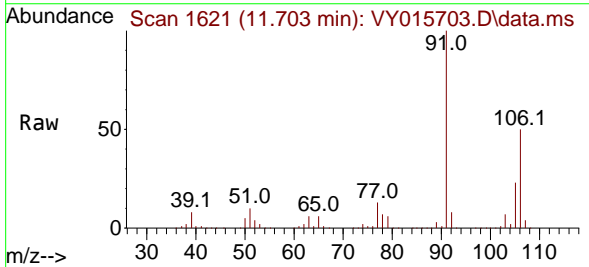
Manual Integrations

APPROVED

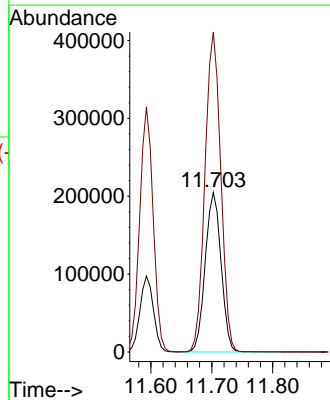
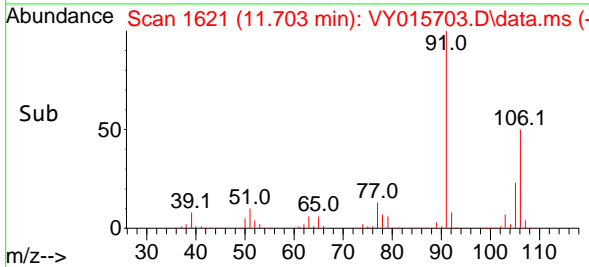
Reviewed By :Mahesh Dadoda 09/26/2023  
 Supervised By :Semsettin Yesilyurt 09/26/2023

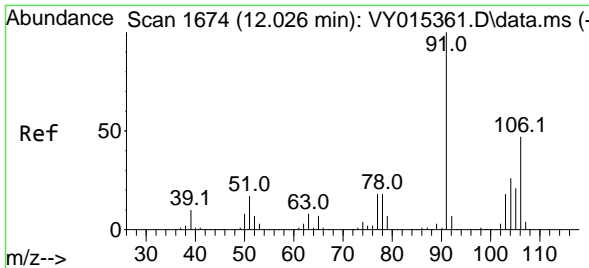


#68  
 m/p-Xylenes  
 Concen: 114.000 ug/l  
 RT: 11.703 min Scan# 1621  
 Delta R.T. -0.000 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50



Tgt Ion:106 Resp: 369324  
 Ion Ratio Lower Upper  
 106 100  
 91 200.2 166.1 249.1





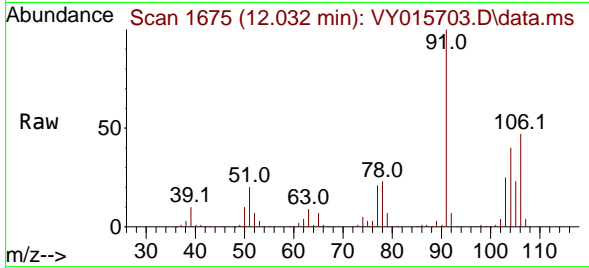
#69  
 o-Xylene  
 Concen: 56.197 ug/l  
 RT: 12.032 min Scan# 1675  
 Delta R.T. 0.006 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

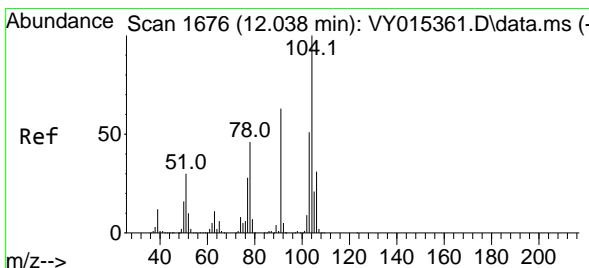
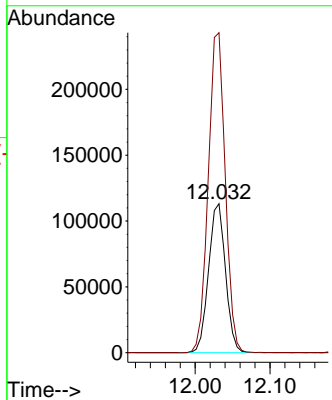
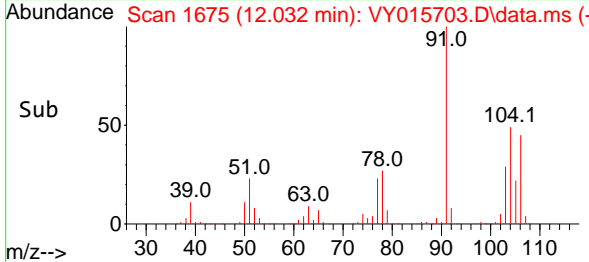


Tgt Ion:106 Resp: 17852  
 Ion Ratio Lower Upper  
 106 100  
 91 215.4 108.1 324.3

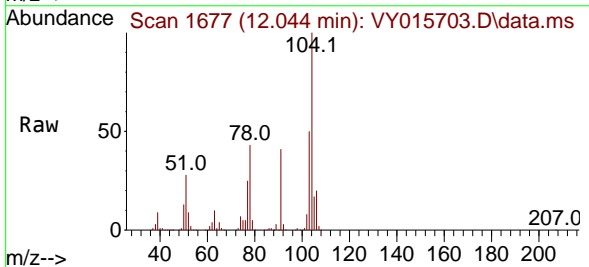
Manual Integrations

APPROVED

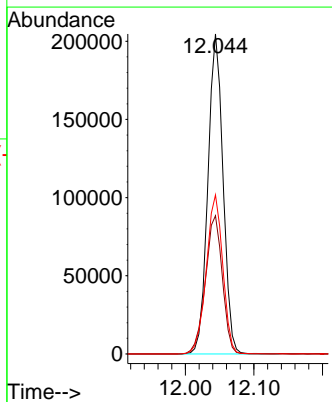
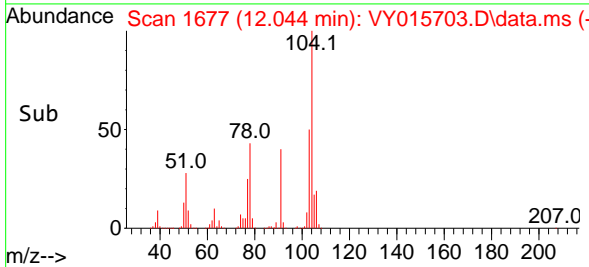
Reviewed By :Mahesh Dadoda 09/26/2023  
 Supervised By :Semsettin Yesilyurt 09/26/2023

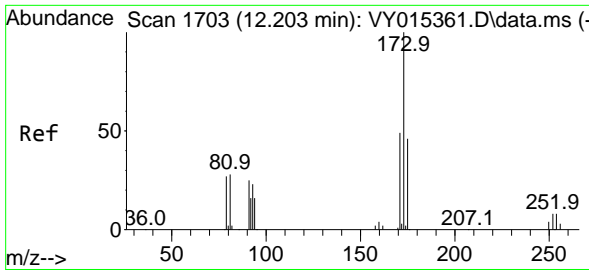


#70  
 Styrene  
 Concen: 57.870 ug/l  
 RT: 12.044 min Scan# 1677  
 Delta R.T. -0.000 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50



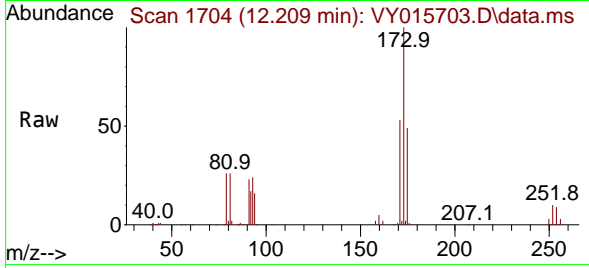
Tgt Ion:104 Resp: 314677  
 Ion Ratio Lower Upper  
 104 100  
 78 48.4 41.5 62.3  
 103 54.2 44.6 67.0





#71  
 Bromoform  
 Concen: 57.566 ug/l  
 RT: 12.209 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50

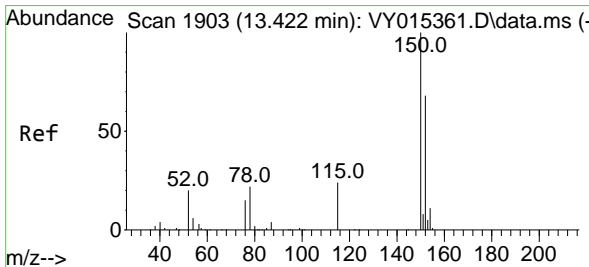
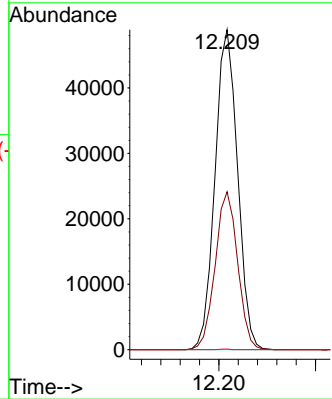
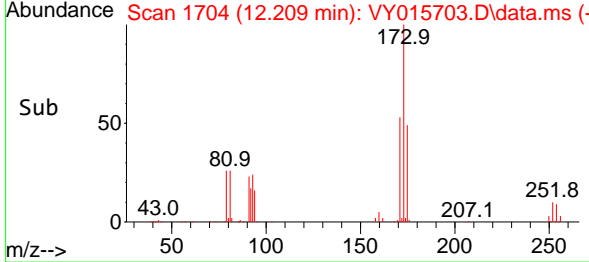
Instrument : MSVOA\_Y  
 Client Sample Id : VSTDCCC050EC



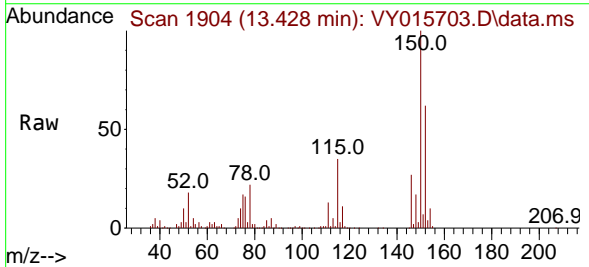
Tgt Ion:173 Resp: 79018  
 Ion Ratio Lower Upper  
 173 100  
 175 49.2 24.6 73.8  
 254 0.1 0.2 0.2

Manual Integrations  
 APPROVED

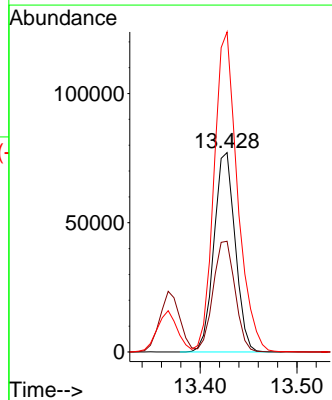
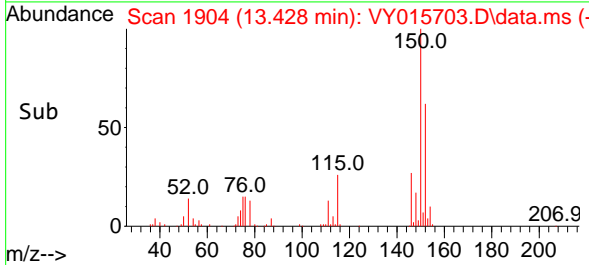
Reviewed By :Mahesh Dadoda 09/26/2023  
 Supervised By :Semsettin Yesilyurt 09/26/2023



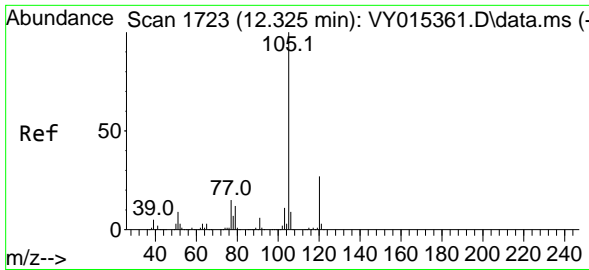
#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.428 min Scan# 1904  
 Delta R.T. 0.006 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50



Tgt Ion:152 Resp: 117555  
 Ion Ratio Lower Upper  
 152 100  
 115 57.3 28.8 86.5  
 150 177.5 0.0 348.8

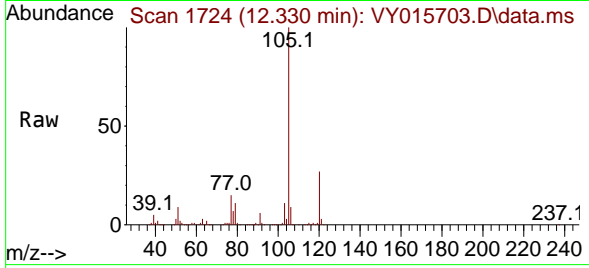






#73  
 Isopropylbenzene  
 Concen: 55.125 ug/l  
 RT: 12.330 min Scan# 11  
 Delta R.T. 0.005 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50

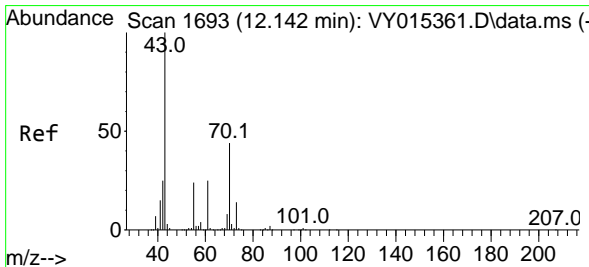
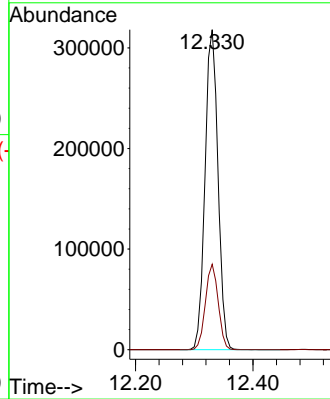
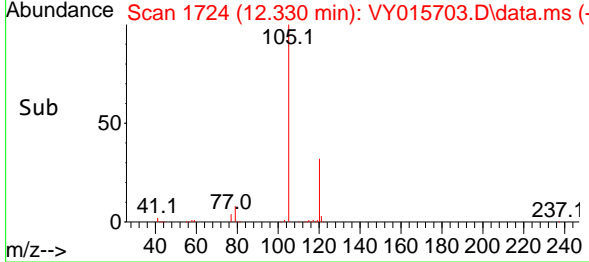
Instrument : MSVOA\_Y  
 ClientSampleId : VSTDCCC050EC



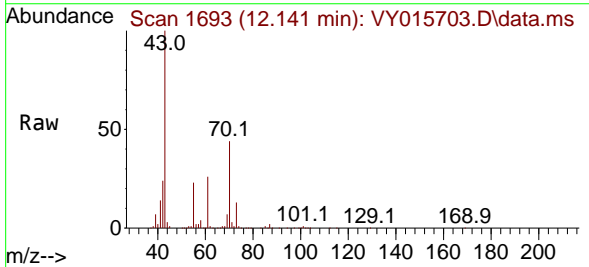
Tgt Ion: 105 Resp: 48612  
 Ion Ratio Lower Upper  
 105 100  
 120 26.4 13.3 39.9

Manual Integrations  
**APPROVED**

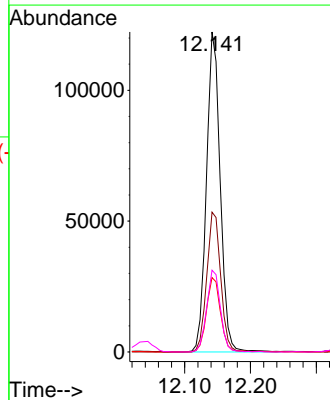
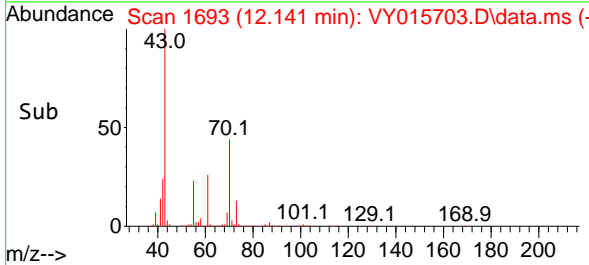
Reviewed By :Mahesh Dadoda 09/26/2023  
 Supervised By :Semsettin Yesilyurt 09/26/2023

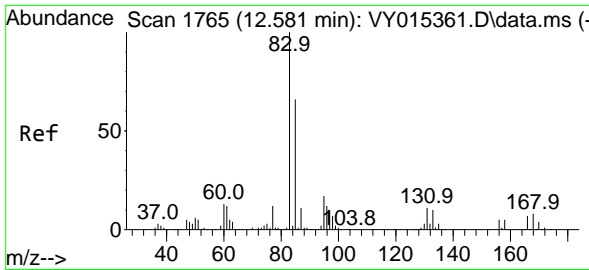


#74  
 N-amy1 acetate  
 Concen: 53.744 ug/l  
 RT: 12.141 min Scan# 1693  
 Delta R.T. -0.001 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50



Tgt Ion: 43 Resp: 178133  
 Ion Ratio Lower Upper  
 43 100  
 70 44.3 29.7 44.5  
 55 23.7 18.3 27.5  
 61 25.6 17.5 26.3





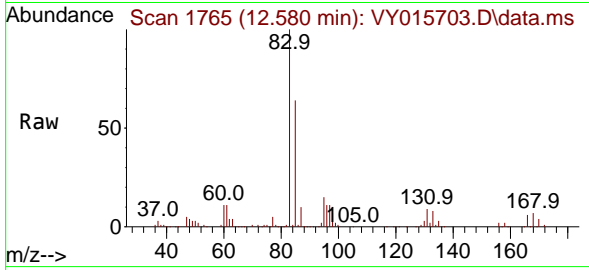
#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 53.006 ug/l  
 RT: 12.580 min Scan# 1765  
 Delta R.T. -0.001 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

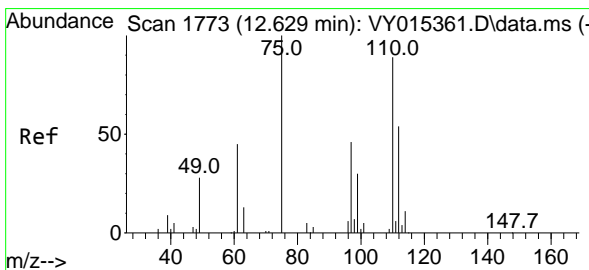
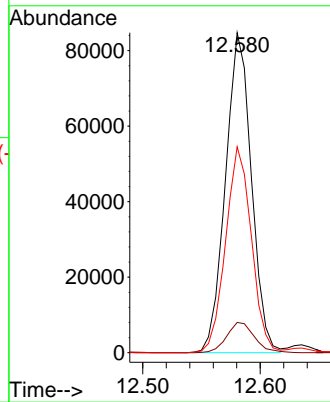
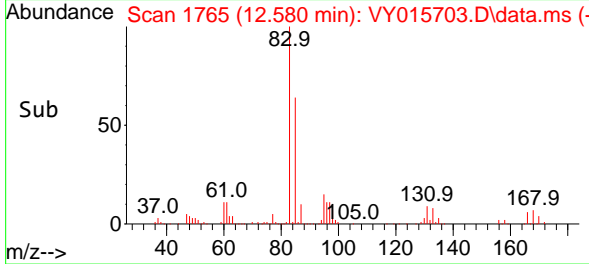


Tgt Ion: 83 Resp: 130092  
 Ion Ratio Lower Upper  
 83 100  
 131 10.1 5.4 16.2  
 85 64.0 31.8 95.4

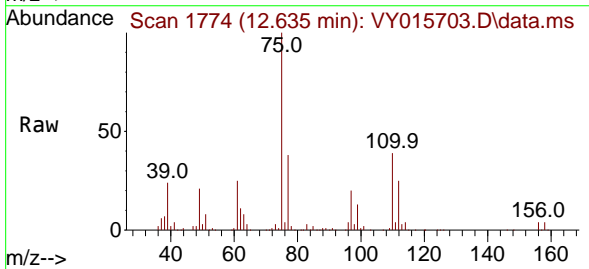
Manual Integrations

APPROVED

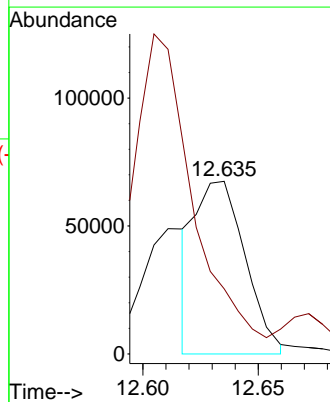
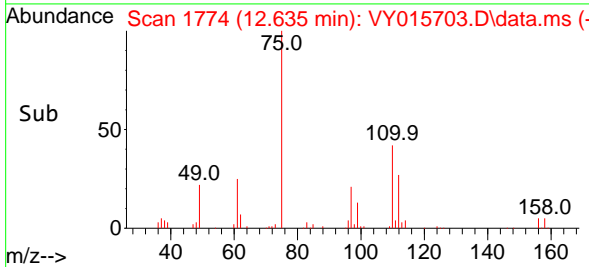
Reviewed By :Mahesh Dadoda 09/26/2023  
 Supervised By :Semsettin Yesilyurt 09/26/2023

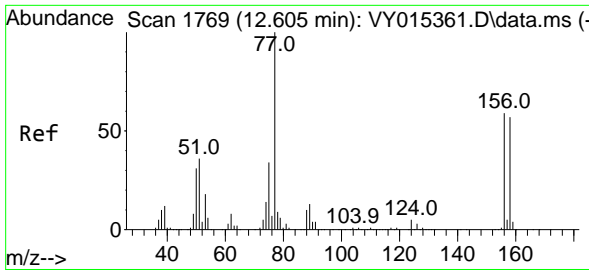


#76  
 1,2,3-Trichloropropane  
 Concen: 54.473 ug/l m  
 RT: 12.635 min Scan# 1774  
 Delta R.T. 0.006 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50



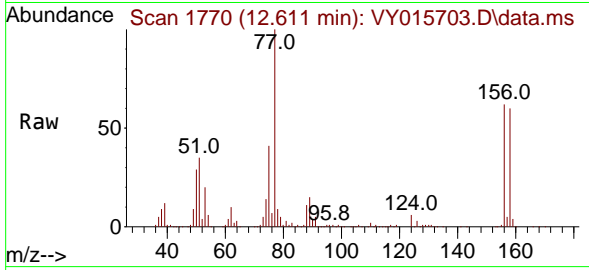
Tgt Ion: 75 Resp: 102159  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 0.0 0.0





#77  
 Bromobenzene  
 Concen: 53.910 ug/l  
 RT: 12.611 min Scan# 1770  
 Delta R.T. 0.006 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50

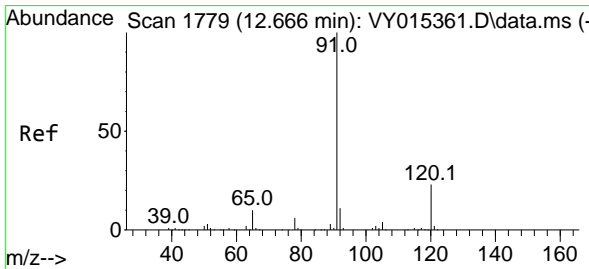
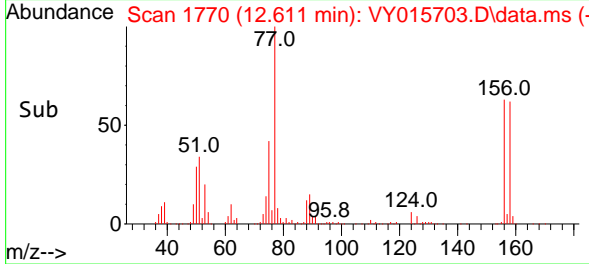
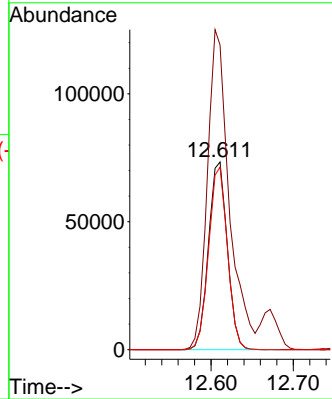
Instrument : MSVOA\_Y  
 ClientSampleId : VSTDCCC050EC



Tgt Ion:156 Resp: 116698  
 Ion Ratio Lower Upper  
 156 100  
 77 197.3 92.8 278.6  
 158 96.8 48.4 145.3

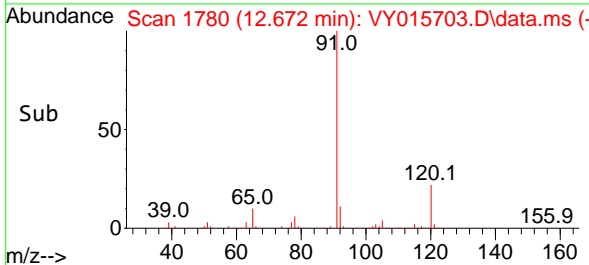
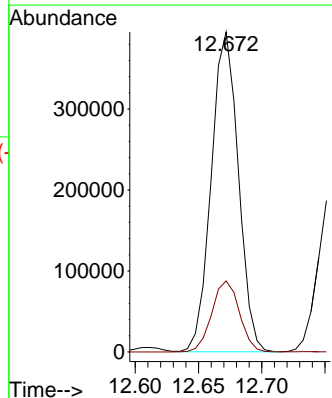
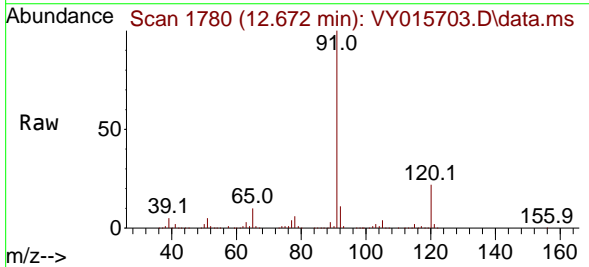
Manual Integrations  
 APPROVED

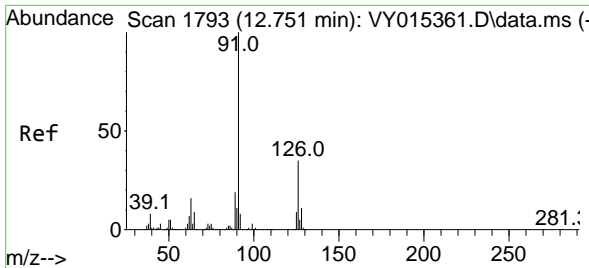
Reviewed By :Mahesh Dadoda 09/26/2023  
 Supervised By :Semsettin Yesilyurt 09/26/2023



#78  
 n-propylbenzene  
 Concen: 54.842 ug/l  
 RT: 12.672 min Scan# 1780  
 Delta R.T. 0.006 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50

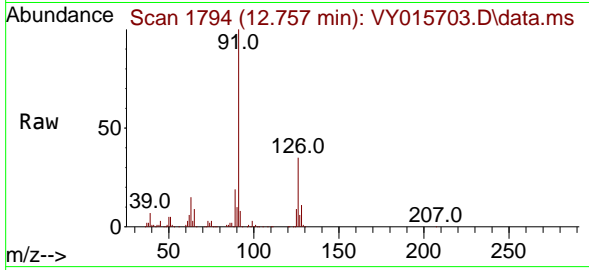
Tgt Ion: 91 Resp: 587544  
 Ion Ratio Lower Upper  
 91 100  
 120 22.6 11.5 34.4





#79  
 2-Chlorotoluene  
 Concen: 54.079 ug/l  
 RT: 12.757 min Scan# 1794  
 Delta R.T. 0.006 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50

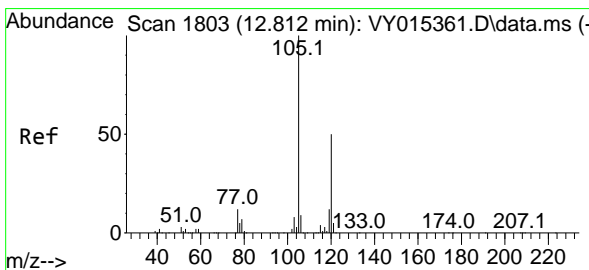
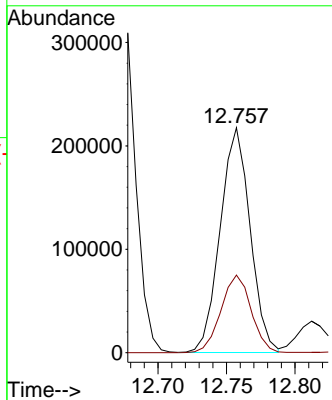
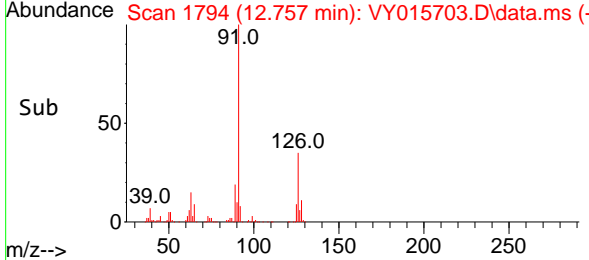
Instrument : MSVOA\_Y  
 Client Sample Id : VSTDCCC050EC



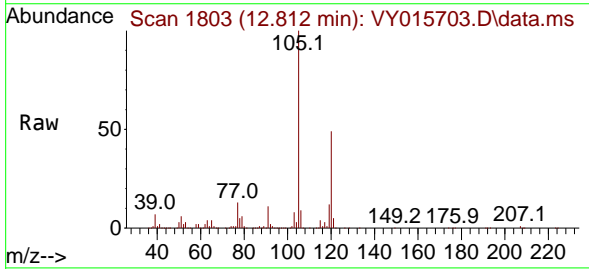
Tgt Ion: 91 Resp: 33025  
 Ion Ratio Lower Upper  
 91 100  
 126 34.8 17.3 51.7

Manual Integrations  
**APPROVED**

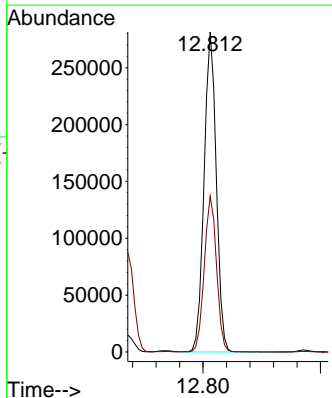
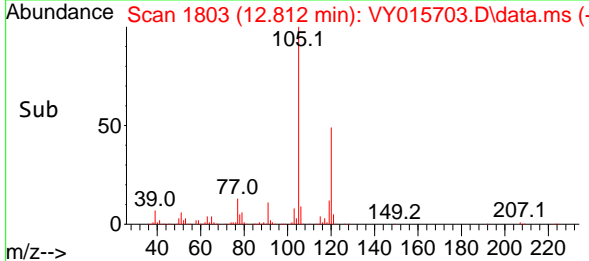
Reviewed By :Mahesh Dadoda 09/26/2023  
 Supervised By :Semsettin Yesilyurt 09/26/2023

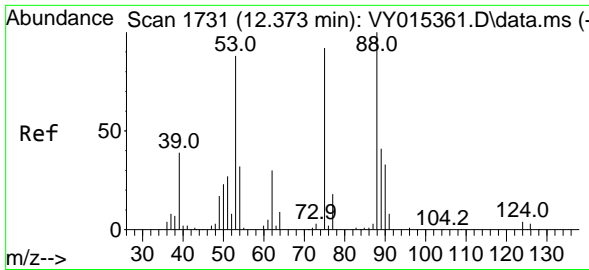


#80  
 1,3,5-Trimethylbenzene  
 Concen: 55.005 ug/l  
 RT: 12.812 min Scan# 1803  
 Delta R.T. 0.000 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50



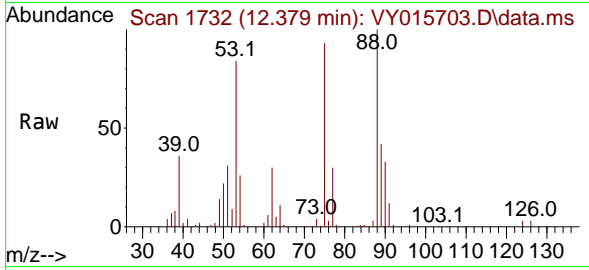
Tgt Ion:105 Resp: 406082  
 Ion Ratio Lower Upper  
 105 100  
 120 49.0 23.9 71.7





#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 54.082 ug/l  
 RT: 12.379 min Scan# 1731  
 Delta R.T. -0.001 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50

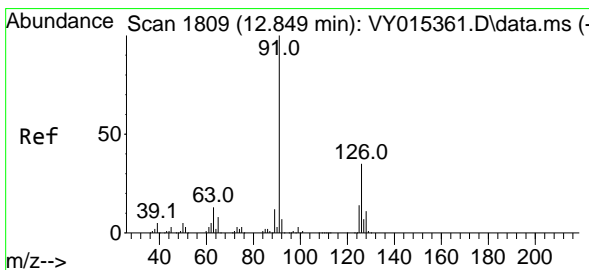
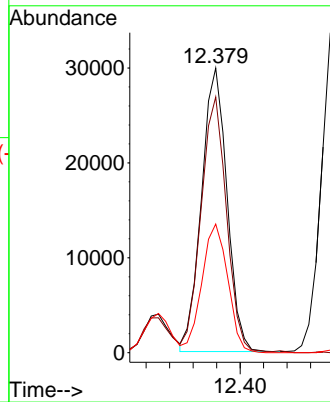
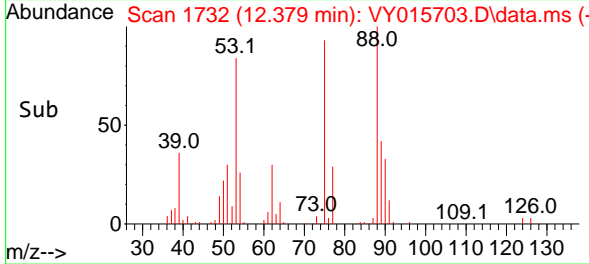
Instrument : MSVOA\_Y  
 ClientSampleId : VSTDC050EC



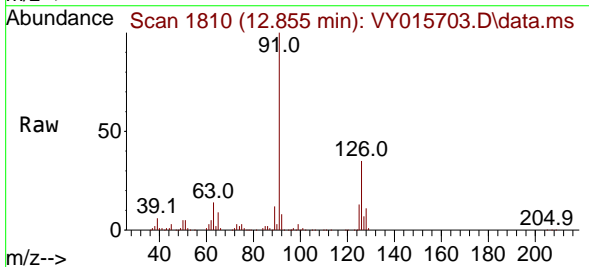
Tgt Ion: 75 Resp: 45040  
 Ion Ratio Lower Upper  
 75 100  
 53 90.6 77.8 116.8  
 89 46.3 37.4 56.0

Manual Integrations  
 APPROVED

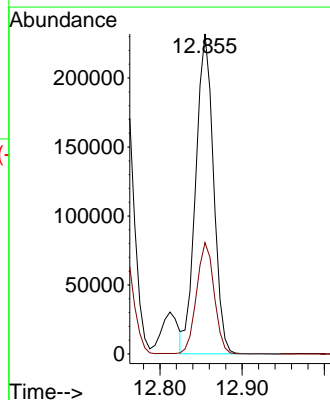
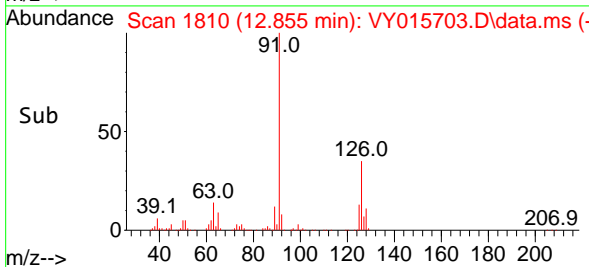
Reviewed By :Mahesh Dadoda 09/26/2023  
 Supervised By :Semsettin Yesilyurt 09/26/2023

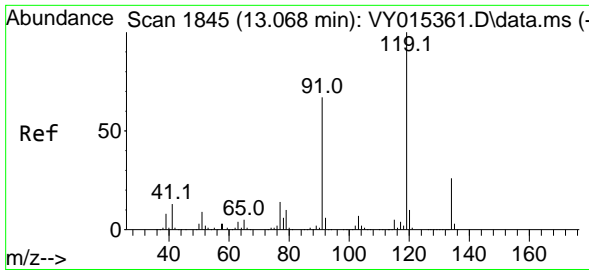


#82  
 4-Chlorotoluene  
 Concen: 54.432 ug/l  
 RT: 12.855 min Scan# 1810  
 Delta R.T. 0.006 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50



Tgt Ion: 91 Resp: 347011  
 Ion Ratio Lower Upper  
 91 100  
 126 34.6 17.2 51.6





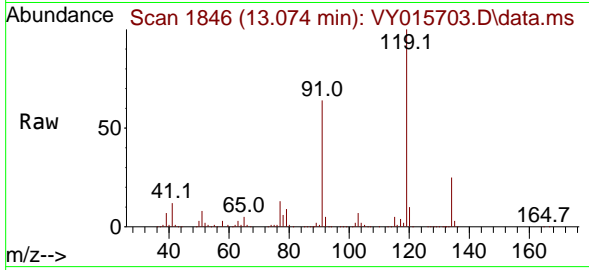
#83  
 tert-Butylbenzene  
 Concen: 55.573 ug/l  
 RT: 13.074 min Scan# 1846  
 Delta R.T. -0.001 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

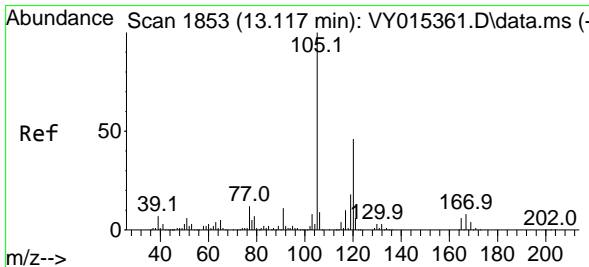
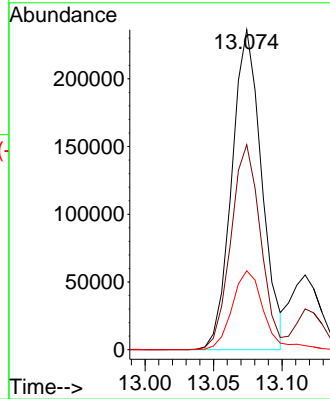
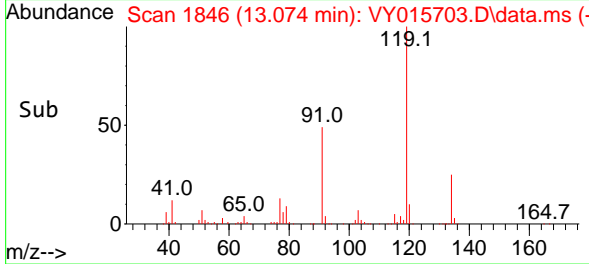


Tgt Ion:119 Resp: 35933  
 Ion Ratio Lower Upper  
 119 100  
 91 63.5 32.9 98.6  
 134 26.2 13.0 38.9

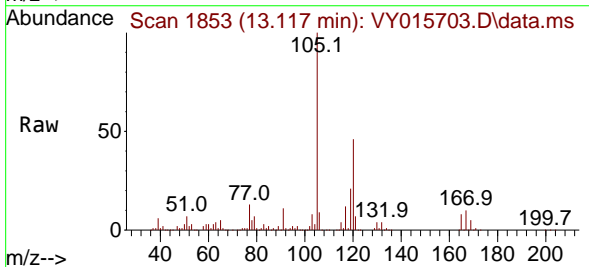
Manual Integrations

APPROVED

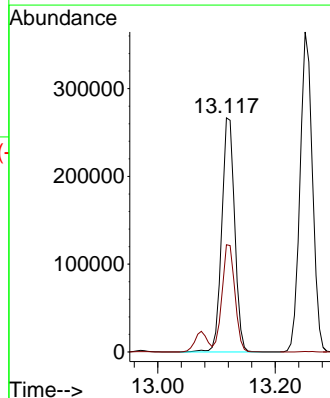
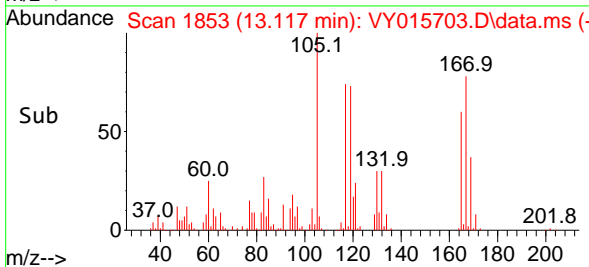
Reviewed By :Mahesh Dadoda 09/26/2023  
 Supervised By :Semsettin Yesilyurt 09/26/2023

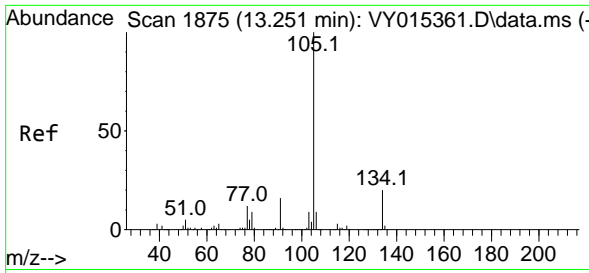


#84  
 1,2,4-Trimethylbenzene  
 Concen: 55.015 ug/l  
 RT: 13.117 min Scan# 1853  
 Delta R.T. -0.000 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50



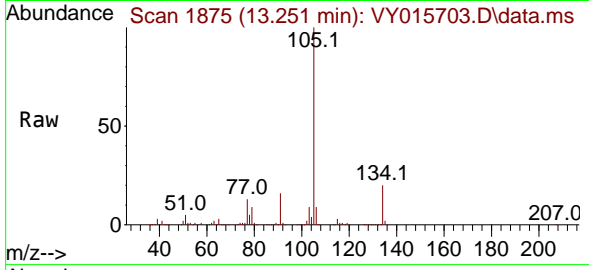
Tgt Ion:105 Resp: 406392  
 Ion Ratio Lower Upper  
 105 100  
 120 45.6 22.2 66.6





#85  
 sec-Butylbenzene  
 Concen: 55.121 ug/l  
 RT: 13.251 min Scan# 1875  
 Delta R.T. 0.000 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50

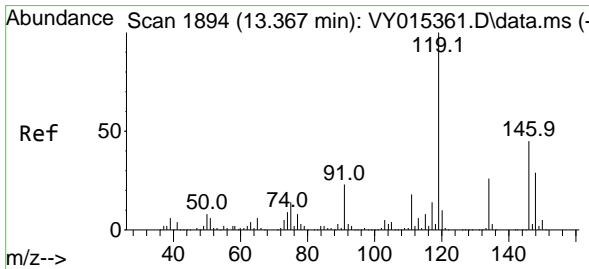
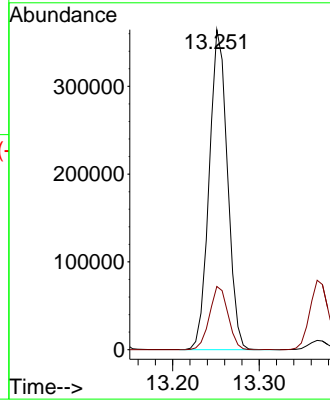
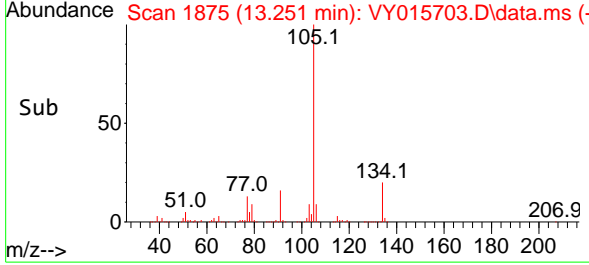
Instrument : MSVOA\_Y  
 ClientSampleId : VSTDCCC050EC



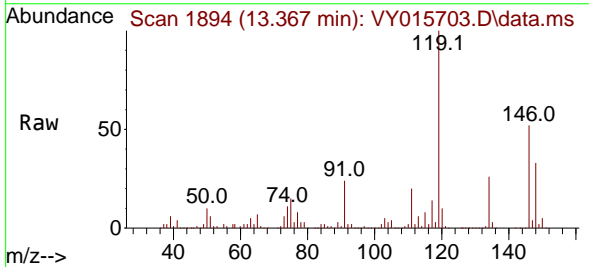
Tgt Ion:105 Resp: 53338  
 Ion Ratio Lower Upper  
 105 100  
 134 20.1 10.2 30.6

Manual Integrations  
**APPROVED**

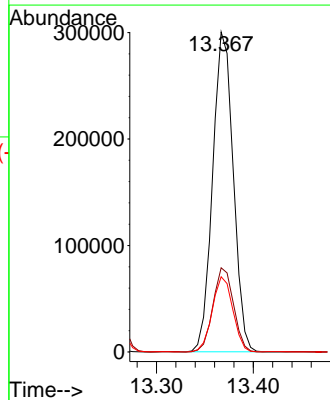
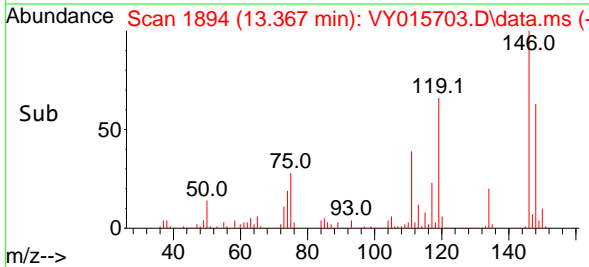
Reviewed By :Mahesh Dadoda 09/26/2023  
 Supervised By :Semsettin Yesilyurt 09/26/2023

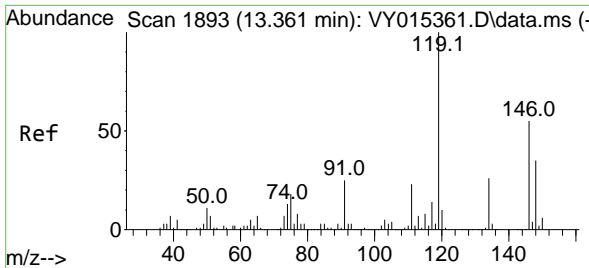


#86  
 p-Isopropyltoluene  
 Concen: 55.019 ug/l  
 RT: 13.367 min Scan# 1894  
 Delta R.T. -0.000 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50



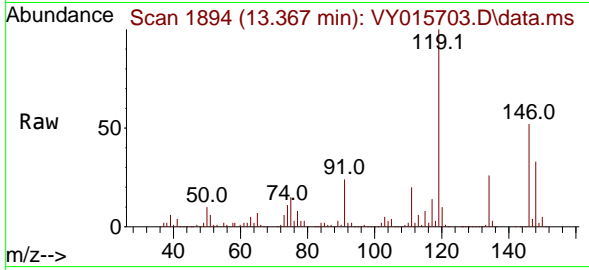
Tgt Ion:119 Resp: 444720  
 Ion Ratio Lower Upper  
 119 100  
 134 26.2 13.3 39.8  
 91 23.4 12.4 37.4





#87  
 1,3-Dichlorobenzene  
 Concen: 54.108 ug/l  
 RT: 13.367 min Scan# 1894  
 Delta R.T. 0.006 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50

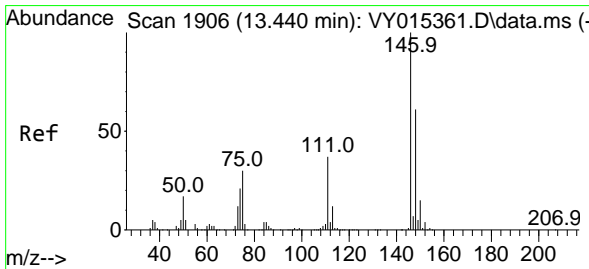
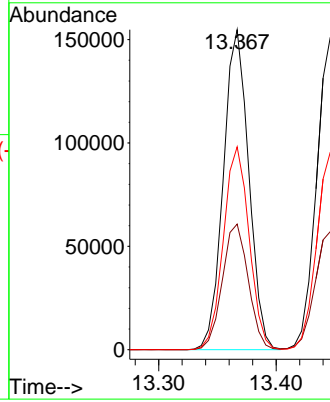
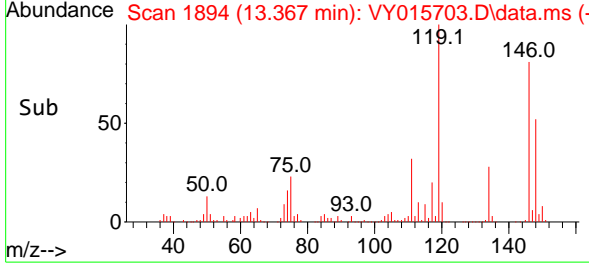
Instrument : MSVOA\_Y  
 Client Sample Id : VSTDCCC050EC



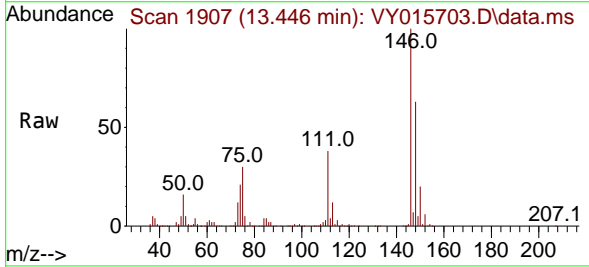
Tgt Ion:146 Resp: 23236  
 Ion Ratio Lower Upper  
 146 100  
 111 40.1 19.4 58.2  
 148 64.2 31.9 95.5

Manual Integrations  
**APPROVED**

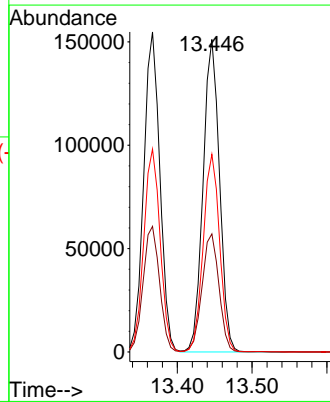
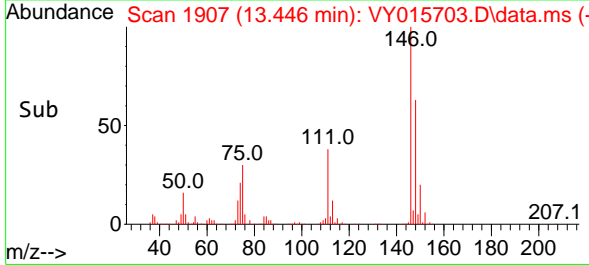
Reviewed By :Mahesh Dadoda 09/26/2023  
 Supervised By :Semsettin Yesilyurt 09/26/2023



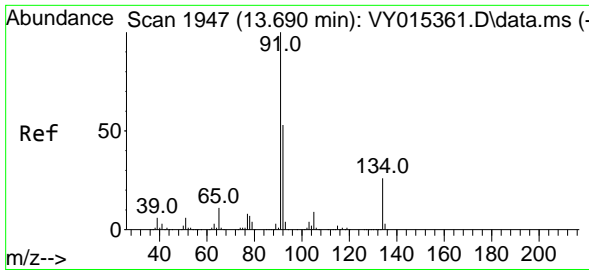
#88  
 1,4-Dichlorobenzene  
 Concen: 53.731 ug/l  
 RT: 13.446 min Scan# 1907  
 Delta R.T. 0.000 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50



Tgt Ion:146 Resp: 230776  
 Ion Ratio Lower Upper  
 146 100  
 111 38.9 18.9 56.7  
 148 63.2 32.1 96.5







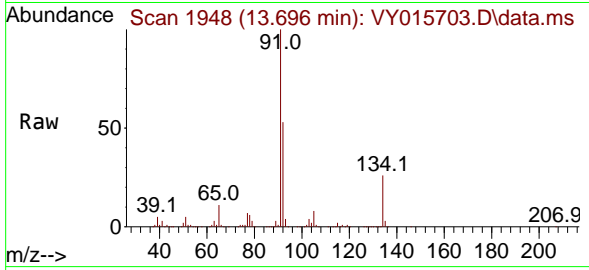
#89  
 n-Butylbenzene  
 Concen: 54.789 ug/l  
 RT: 13.696 min Scan# 1948  
 Delta R.T. 0.000 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

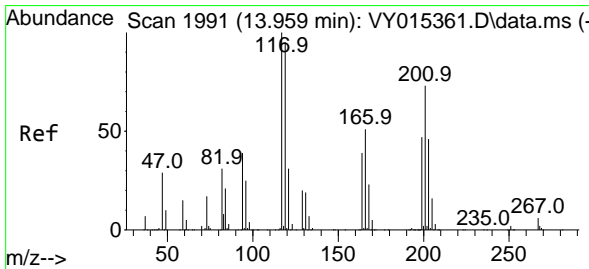
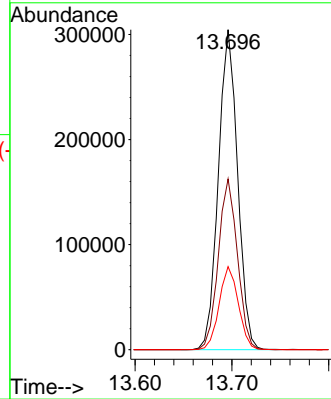
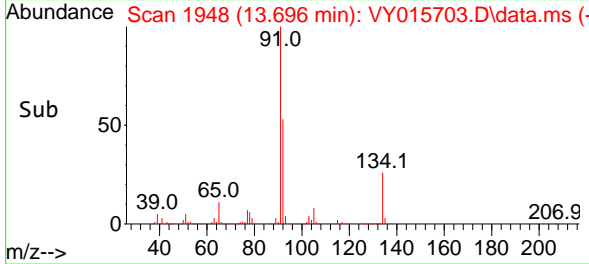


Tgt Ion: 91 Resp: 41935  
 Ion Ratio Lower Upper  
 91 100  
 92 53.2 25.4 76.0  
 134 26.0 12.6 37.6

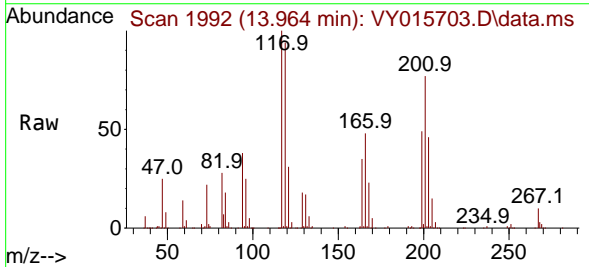
Manual Integrations

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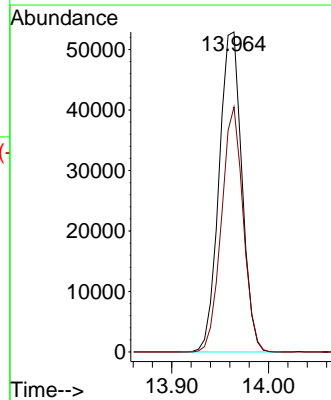
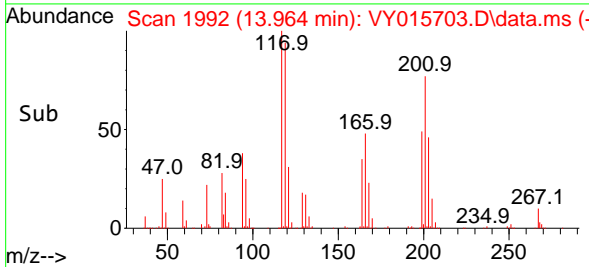
Reviewed By :Mahesh Dadoda 09/26/2023  
 Supervised By :Semsettin Yesilyurt 09/26/2023

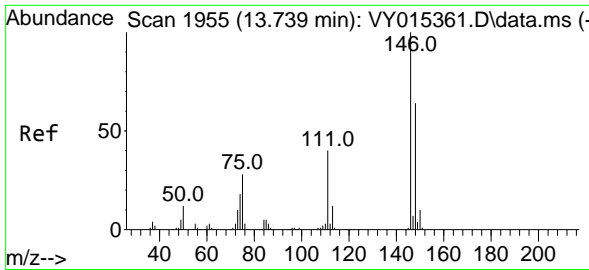


#90  
 Hexachloroethane  
 Concen: 55.486 ug/l  
 RT: 13.964 min Scan# 1992  
 Delta R.T. 0.005 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50



Tgt Ion:117 Resp: 86559  
 Ion Ratio Lower Upper  
 117 100  
 201 72.7 41.6 124.8





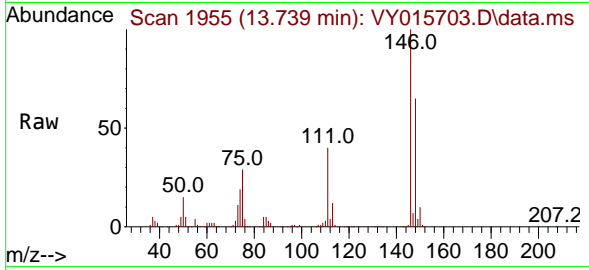
#91  
 1,2-Dichlorobenzene  
 Concen: 54.708 ug/l  
 RT: 13.739 min Scan# 1955  
 Delta R.T. -0.000 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

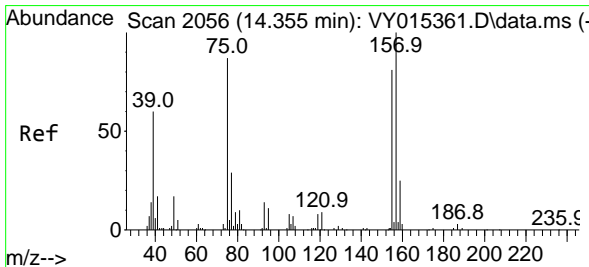
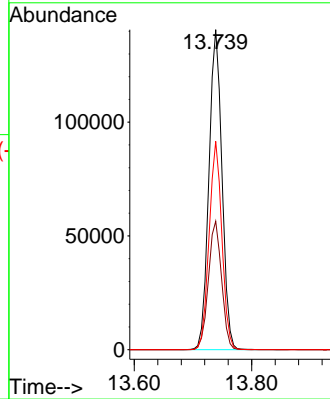
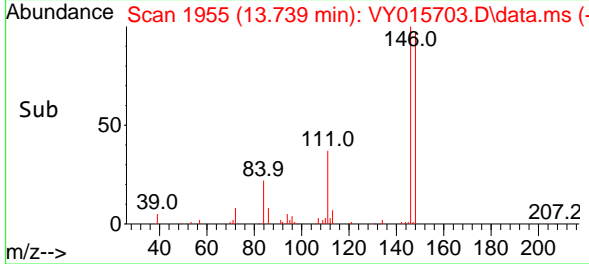


Tgt Ion:146 Resp: 216879  
 Ion Ratio Lower Upper  
 146 100  
 111 40.5 19.7 59.0  
 148 63.6 32.0 96.2

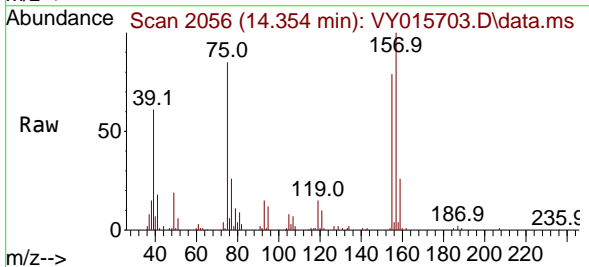
Manual Integrations

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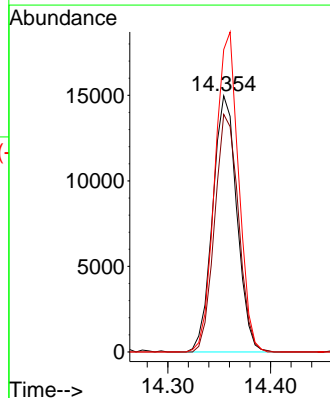
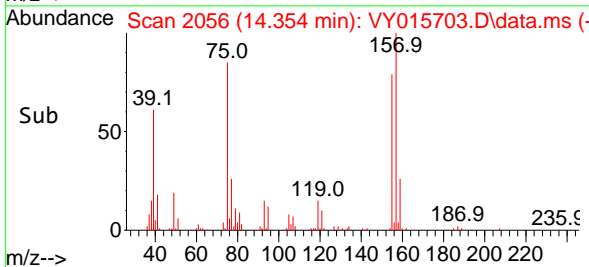
Reviewed By :Mahesh Dadoda 09/26/2023  
 Supervised By :Semsettin Yesilyurt 09/26/2023

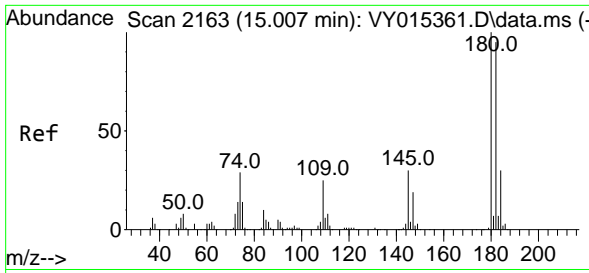


#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 50.276 ug/l  
 RT: 14.354 min Scan# 2056  
 Delta R.T. -0.001 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50



Tgt Ion: 75 Resp: 24507  
 Ion Ratio Lower Upper  
 75 100  
 155 91.3 41.5 124.6  
 157 121.2 51.8 155.5





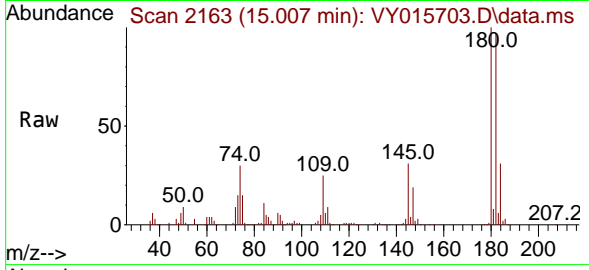
#93  
 1,2,4-Trichlorobenzene  
 Concen: 53.323 ug/l  
 RT: 15.007 min Scan# 2163  
 Delta R.T. 0.006 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

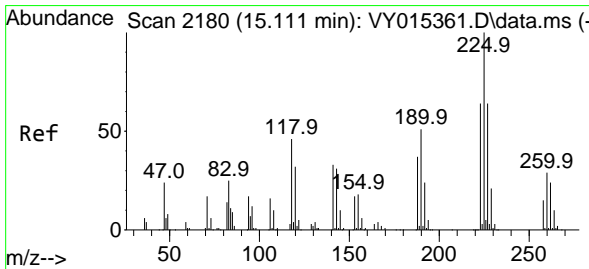
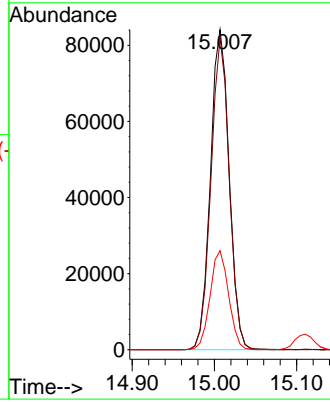
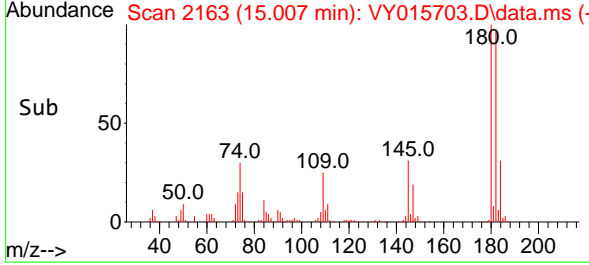


Tgt Ion:180 Resp: 133078  
 Ion Ratio Lower Upper  
 180 100  
 182 95.1 47.0 141.2  
 145 30.7 14.5 43.5

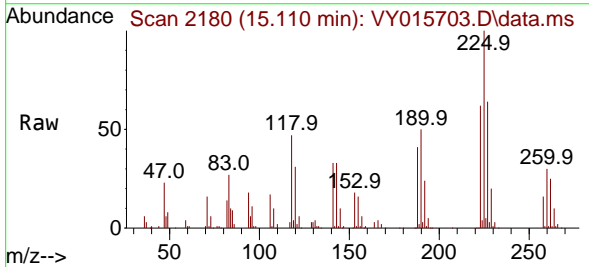
Manual Integrations

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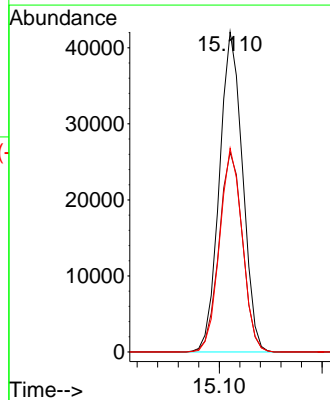
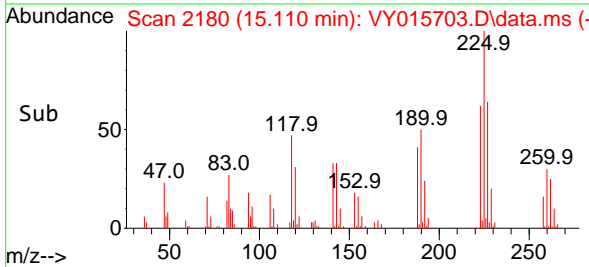
Reviewed By :Mahesh Dadoda 09/26/2023  
 Supervised By :Semsettin Yesilyurt 09/26/2023

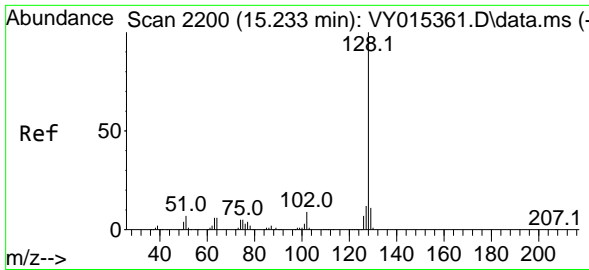


#94  
 Hexachlorobutadiene  
 Concen: 51.504 ug/l  
 RT: 15.110 min Scan# 2180  
 Delta R.T. -0.001 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50



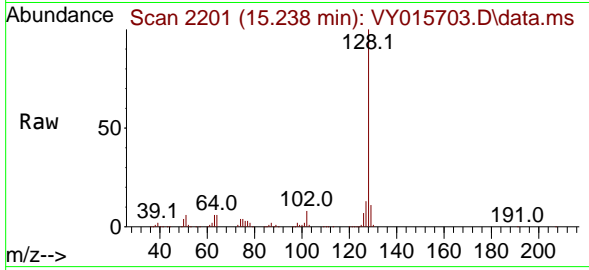
Tgt Ion:225 Resp: 65826  
 Ion Ratio Lower Upper  
 225 100  
 223 63.2 31.9 95.9  
 227 62.2 33.0 98.9





#95  
 Naphthalene  
 Concen: 53.941 ug/l  
 RT: 15.238 min Scan# 2201  
 Delta R.T. 0.005 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50

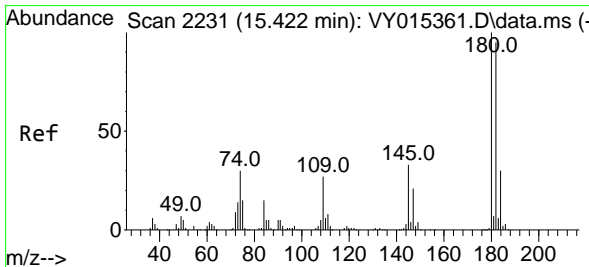
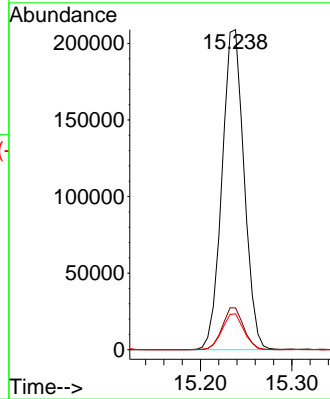
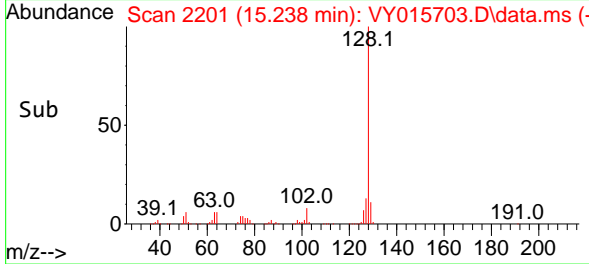
Instrument : MSVOA\_Y  
 ClientSampleId : VSTDCCC050EC



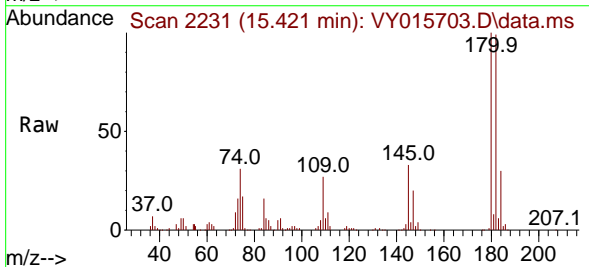
Tgt Ion:128 Resp: 351020  
 Ion Ratio Lower Upper  
 128 100  
 127 12.8 10.8 16.2  
 129 11.1 8.6 13.0

Manual Integrations  
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Reviewed By :Mahesh Dadoda 09/26/2023  
 Supervised By :Semsettin Yesilyurt 09/26/2023



#96  
 1,2,3-Trichlorobenzene  
 Concen: 52.865 ug/l  
 RT: 15.421 min Scan# 2231  
 Delta R.T. -0.001 min  
 Lab File: VY015703.D  
 Acq: 25 Sep 2023 16:50



Tgt Ion:180 Resp: 121774  
 Ion Ratio Lower Upper  
 180 100  
 182 97.6 47.3 141.8  
 145 32.3 15.4 46.2

