

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014839.D
 Acq On : 26 Jul 2023 06:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/26/2023
 Supervised By :Semsettin Yesilyurt 07/27/2023

Quant Time: Jul 26 07:42:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	190816	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	334787	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.495	117	299234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	148265	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	111480	51.269	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.540%			
35) Dibromofluoromethane	7.728	113	102075	47.896	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.800%			
50) Toluene-d8	10.184	98	363118	46.215	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 92.420%			
62) 4-Bromofluorobenzene	12.483	95	132620	44.020	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 88.040%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	68109	43.811	ug/l	98
3) Chloromethane	2.119	50	104889	60.021	ug/l	99
4) Vinyl Chloride	2.253	62	118244	60.544	ug/l	98
5) Bromomethane	2.655	94	86905	67.333	ug/l	95
6) Chloroethane	2.796	64	83194	68.194	ug/l	96
7) Trichlorofluoromethane	3.131	101	166545	50.774	ug/l	98
8) Diethyl Ether	3.539	74	67477	55.289	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.905	101	100148	49.813	ug/l	95
10) Methyl Iodide	4.100	142	107414	50.380	ug/l	97
11) Tert butyl alcohol	4.984	59	103502	228.053	ug/l #	84
12) 1,1-Dichloroethene	3.881	96	95881	51.026	ug/l	91
13) Acrolein	3.741	56	30585	134.576	ug/l	97
14) Allyl chloride	4.490	41	154055	46.175	ug/l	96
15) Acrylonitrile	5.179	53	204246	303.488	ug/l	98
16) Acetone	3.966	43	164352	238.521	ug/l	93
17) Carbon Disulfide	4.204	76	245898	45.709	ug/l	97
18) Methyl Acetate	4.490	43	195154	73.803	ug/l	93
19) Methyl tert-butyl Ether	5.234	73	351263	57.548	ug/l	99
20) Methylene Chloride	4.728	84	121788	54.814	ug/l	90
21) trans-1,2-Dichloroethene	5.228	96	113024	53.003	ug/l	94
22) Diisopropyl ether	6.130	45	366731	54.065	ug/l	93
23) Vinyl Acetate	6.069	43	989927	243.871	ug/l #	94
24) 1,1-Dichloroethane	6.027	63	211259	54.431	ug/l	96
25) 2-Butanone	7.002	43	280671	278.424	ug/l	96
26) 2,2-Dichloropropane	6.996	77	132208	35.742	ug/l	97
27) cis-1,2-Dichloroethene	6.996	96	138988	55.996	ug/l	92
28) Bromochloromethane	7.344	49	89142	53.329	ug/l	92
29) Tetrahydrofuran	7.362	42	185433	298.736	ug/l	92
30) Chloroform	7.514	83	225827	56.424	ug/l	100
31) Cyclohexane	7.795	56	155371	43.044	ug/l	94
32) 1,1,1-Trichloroethane	7.709	97	193382	53.685	ug/l	99
36) 1,1-Dichloropropene	7.929	75	155526	48.798	ug/l	100
37) Ethyl Acetate	7.087	43	114736	52.288	ug/l #	95
38) Carbon Tetrachloride	7.910	117	168673	50.066	ug/l	97
39) Methylcyclohexane	9.191	83	181221	43.645	ug/l	95
40) Benzene	8.173	78	470035	51.856	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	61982	54.916	ug/l	93
42) 1,2-Dichloroethane	8.246	62	157163	54.753	ug/l	95
43) Isopropyl Acetate	8.282	43	219720	52.565	ug/l	97
44) Trichloroethene	8.947	130	130661	51.520	ug/l	98
45) 1,2-Dichloropropane	9.221	63	122640	51.815	ug/l	98
46) Dibromomethane	9.313	93	78384	54.590	ug/l	95
47) Bromodichloromethane	9.502	83	181875	53.742	ug/l	98
48) Methyl methacrylate	9.300	41	102069	54.267	ug/l	93
49) 1,4-Dioxane	9.307	88	26854	1146.959	ug/l #	55
51) 4-Methyl-2-Pentanone	10.075	43	637960	290.686	ug/l	94
52) Toluene	10.252	92	299335	51.607	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	170029	45.932	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	188212	46.754	ug/l	94
55) 1,1,2-Trichloroethane	10.648	97	111335	55.664	ug/l	98
56) Ethyl methacrylate	10.514	69	165672	54.250	ug/l	89
57) 1,3-Dichloropropane	10.794	76	187354	54.308	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.788	63	352613	247.809	ug/l	94
59) 2-Hexanone	10.837	43	447116	279.365	ug/l	92
60) Dibromochloromethane	10.989	129	134385	54.800	ug/l	100
61) 1,2-Dibromoethane	11.093	107	109001	54.628	ug/l	99
64) Tetrachloroethene	10.727	164	134950	56.074	ug/l	97
65) Chlorobenzene	11.520	112	330007	51.753	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	130260	54.179	ug/l	99
67) Ethyl Benzene	11.599	91	582359	50.583	ug/l	98
68) m/p-Xylenes	11.709	106	443965	101.021	ug/l	96
69) o-Xylene	12.032	106	219731	51.332	ug/l	98
70) Styrene	12.050	104	378833	52.509	ug/l	97
71) Bromoform	12.215	173	88374	54.228	ug/l #	99
73) Isopropylbenzene	12.330	105	572464	49.311	ug/l	100
74) N-amyl acetate	12.148	43	175180	45.055	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.586	83	140384	53.027	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	101598m	54.257	ug/l	
77) Bromobenzene	12.611	156	139173	52.518	ug/l	98
78) n-propylbenzene	12.672	91	678038	48.469	ug/l	99
79) 2-Chlorotoluene	12.757	91	393345	48.817	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	474587	48.950	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	37110	38.371	ug/l	97
82) 4-Chlorotoluene	12.861	91	399575	48.151	ug/l	99
83) tert-Butylbenzene	13.080	119	420467	48.889	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	471281	49.531	ug/l	99
85) sec-Butylbenzene	13.257	105	612648	48.560	ug/l	100
86) p-Isopropyltoluene	13.373	119	502944	48.826	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	264152	51.216	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	266568	51.577	ug/l	99
89) n-Butylbenzene	13.696	91	463246	46.224	ug/l	97
90) Hexachloroethane	13.964	117	101944	48.183	ug/l	88
91) 1,2-Dichlorobenzene	13.745	146	246439	52.153	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	26806	52.946	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	147208	49.076	ug/l	98
94) Hexachlorobutadiene	15.110	225	74925	45.453	ug/l	98
95) Naphthalene	15.238	128	379305	54.277	ug/l	99
96) 1,2,3-Trichlorobenzene	15.427	180	136244	51.107	ug/l	98

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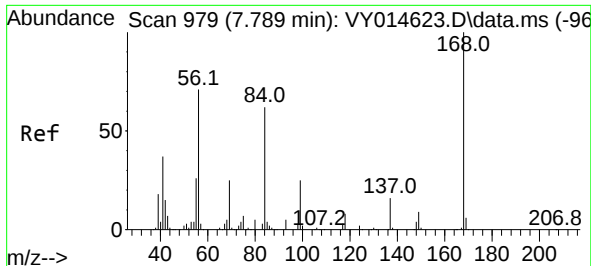
Manual Integrations
APPROVED

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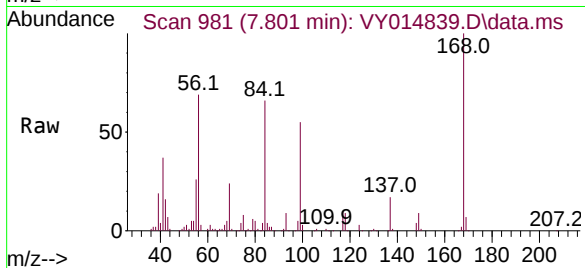
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014839.D
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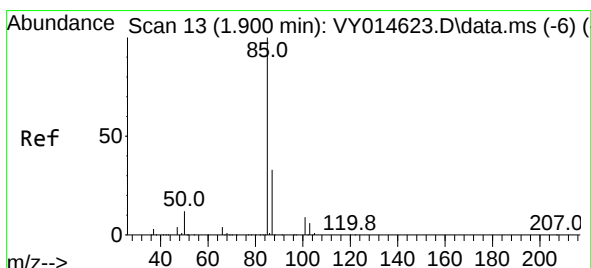
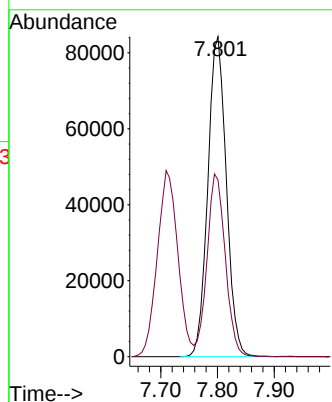
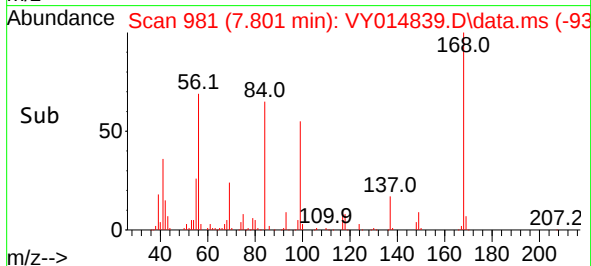
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ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 190810
Ion Ratio Lower Upper
168 100
99 55.2 43.4 65.0

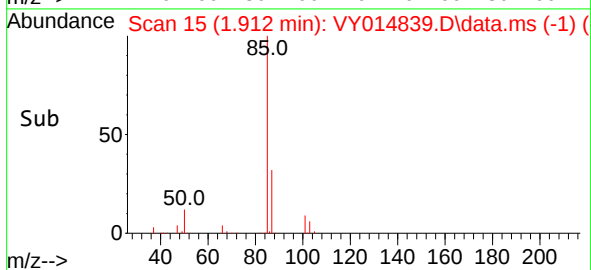
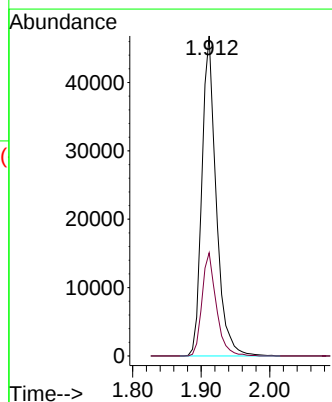
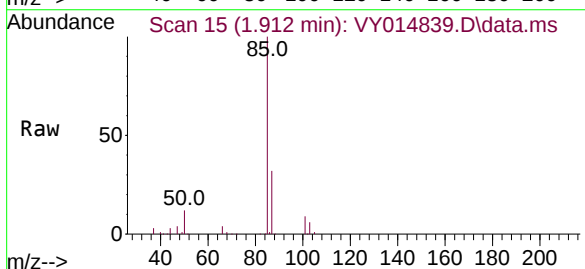
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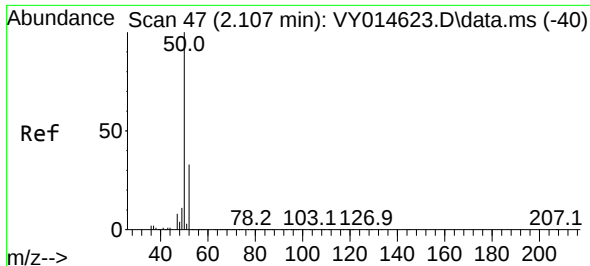
Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#2
Dichlorodifluoromethane
Concen: 43.811 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.012 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

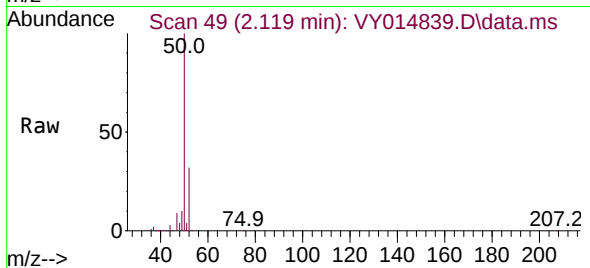
Tgt Ion: 85 Resp: 68109
Ion Ratio Lower Upper
85 100
87 32.3 15.6 46.8





#3
Chloromethane
Concen: 60.021 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.012 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

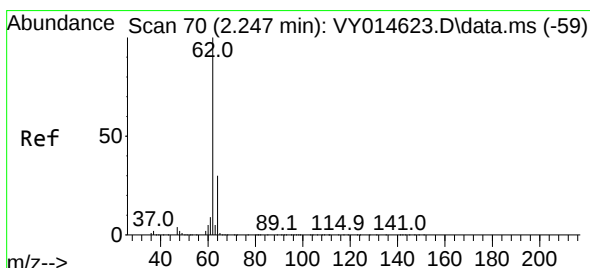
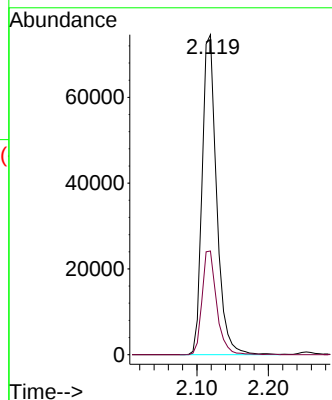
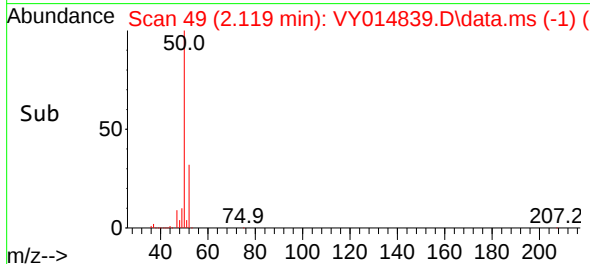
Instrument :
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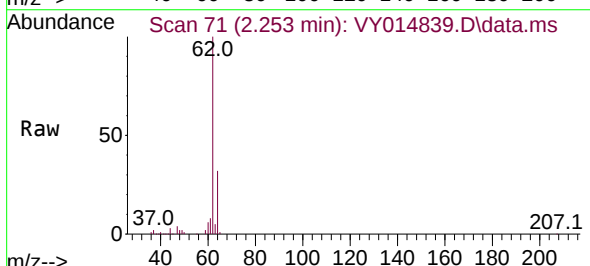
Tgt Ion: 50 Resp: 104889
Ion Ratio Lower Upper
50 100
52 32.4 25.4 38.2

Manual Integrations
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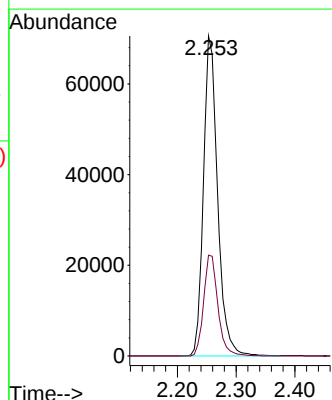
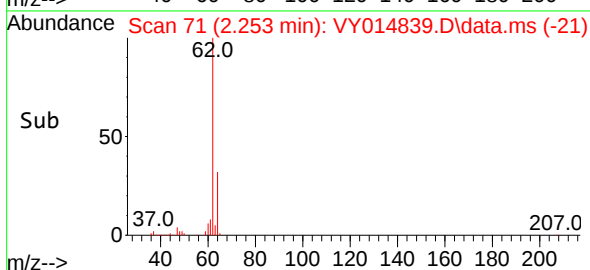
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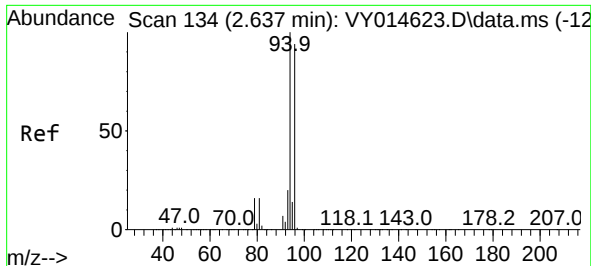


#4
Vinyl Chloride
Concen: 60.544 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39



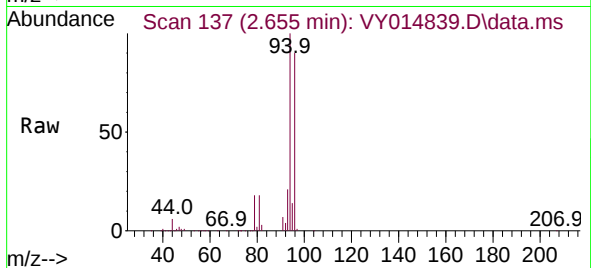
Tgt Ion: 62 Resp: 118244
Ion Ratio Lower Upper
62 100
64 31.5 24.3 36.5





#5
Bromomethane
Concen: 67.333 ug/l
RT: 2.655 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY014839.D
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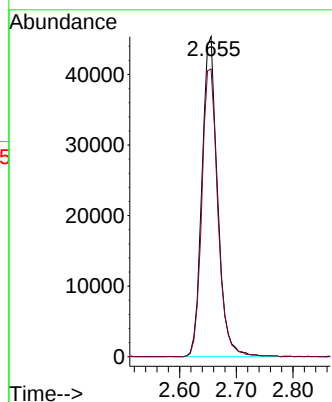
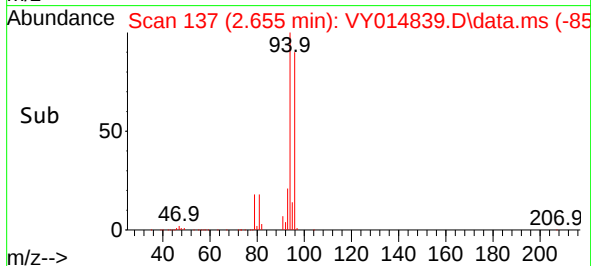
Instrument :
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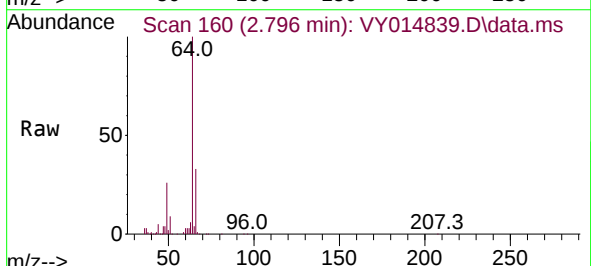
Tgt Ion: 94 Resp: 8690
Ion Ratio Lower Upper
94 100
96 89.9 75.8 113.6

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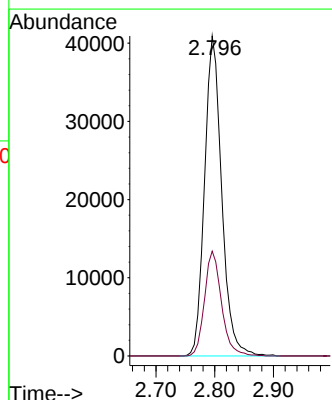
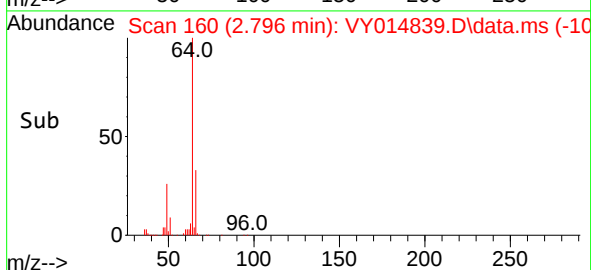
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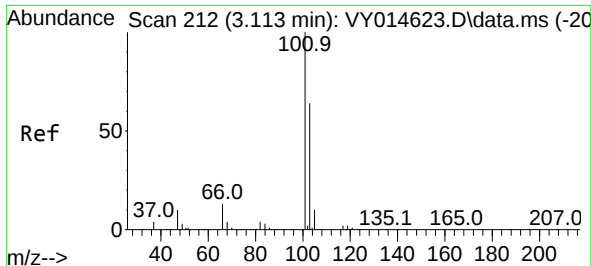


#6
Chloroethane
Concen: 68.194 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.012 min
Lab File: VY014839.D
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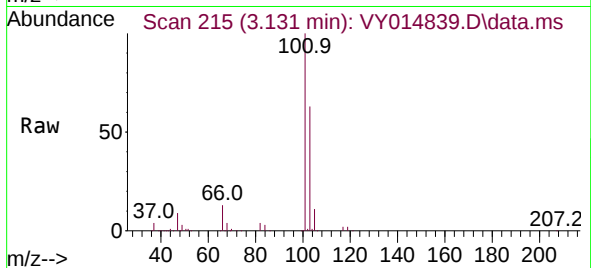
Tgt Ion: 64 Resp: 83194
Ion Ratio Lower Upper
64 100
66 32.8 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 50.774 ug/l
 RT: 3.131 min Scan# 212
 Delta R.T. 0.018 min
 Lab File: VY014839.D
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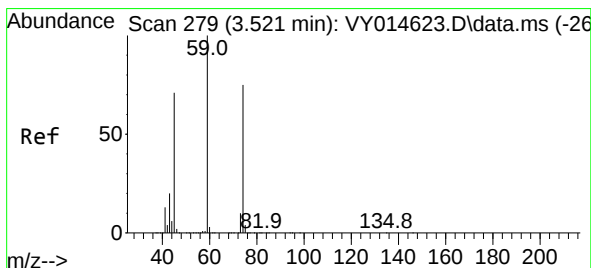
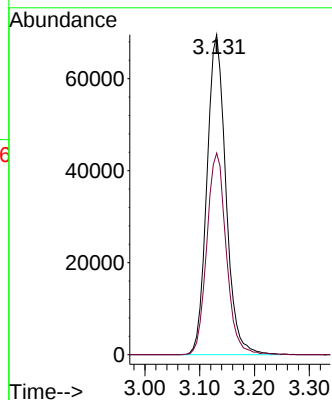
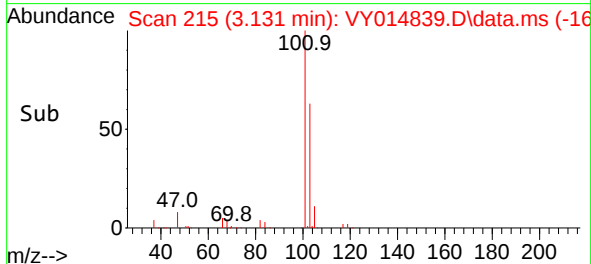
Instrument :
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Tgt Ion: 101 Resp: 16654
 Ion Ratio Lower Upper
 101 100
 103 63.0 51.4 77.0

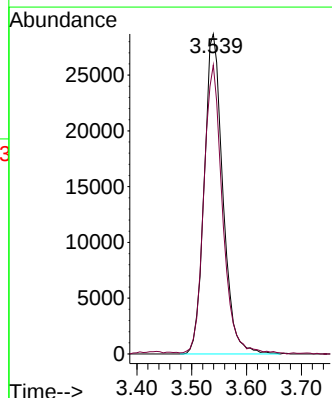
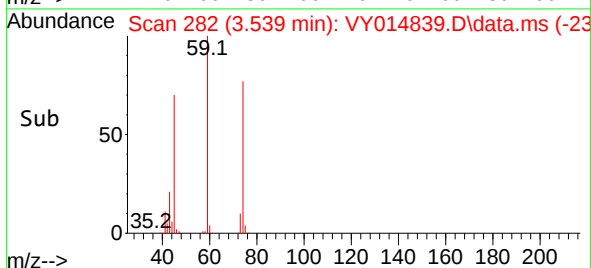
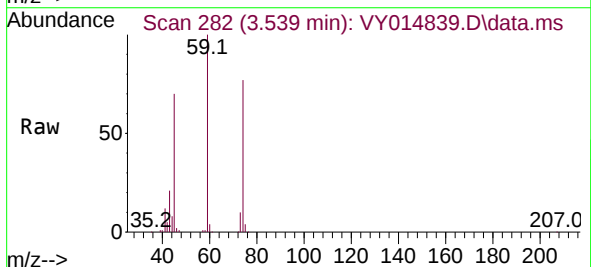
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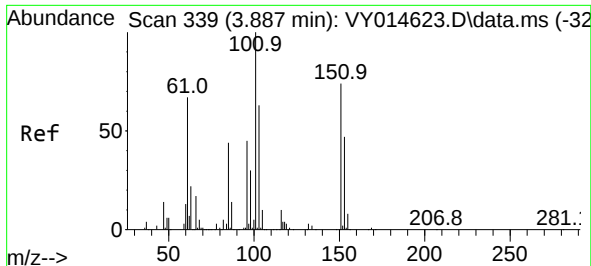
Reviewed By :Mahesh Dadoda 07/26/2023
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#8
 Diethyl Ether
 Concen: 55.289 ug/l
 RT: 3.539 min Scan# 282
 Delta R.T. 0.018 min
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Tgt Ion: 74 Resp: 67477
 Ion Ratio Lower Upper
 74 100
 45 91.4 51.5 154.5





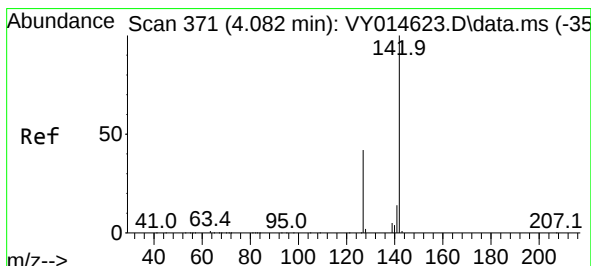
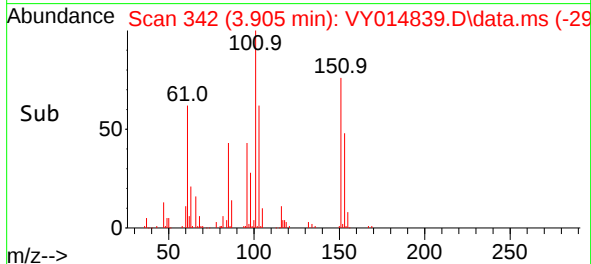
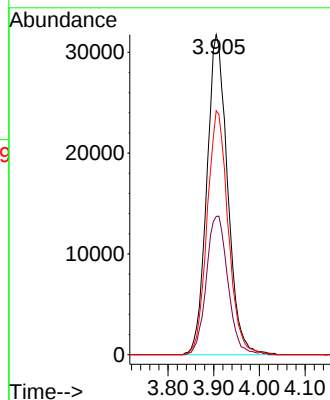
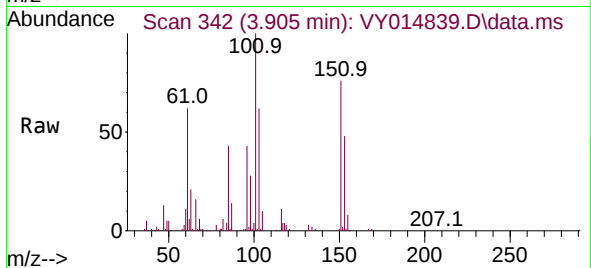
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.813 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.018 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 100148
Ion Ratio Lower Upper
101 100
85 45.1 36.6 55.0
151 77.3 67.0 100.6

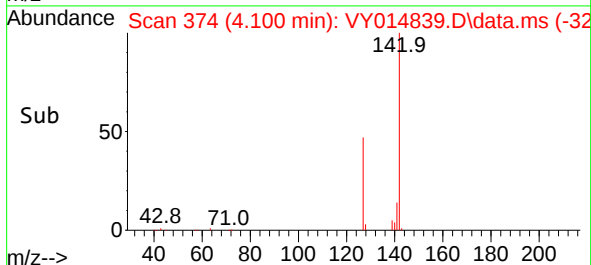
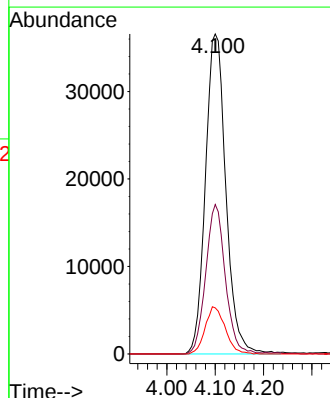
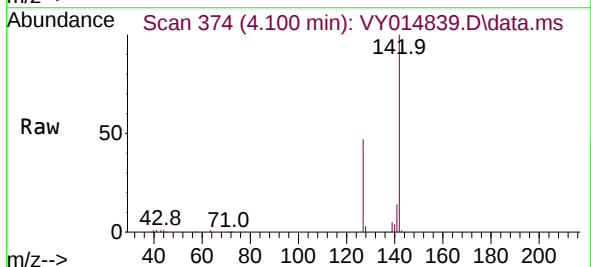
Manual Integrations
APPROVED

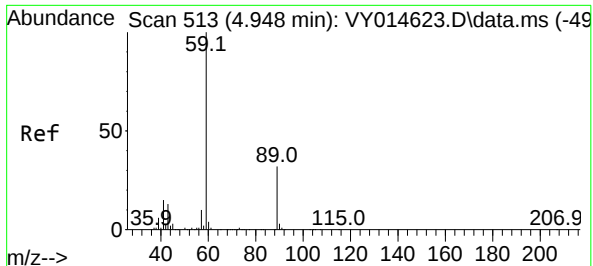
Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#10
Methyl Iodide
Concen: 50.380 ug/l
RT: 4.100 min Scan# 374
Delta R.T. 0.018 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

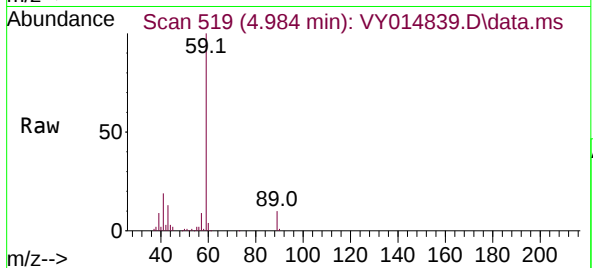
Tgt Ion:142 Resp: 107414
Ion Ratio Lower Upper
142 100
127 44.7 37.6 56.4
141 14.5 11.8 17.8





#11
Tert butyl alcohol
Concen: 228.053 ug/l
RT: 4.984 min Scan# 513
Delta R.T. 0.036 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

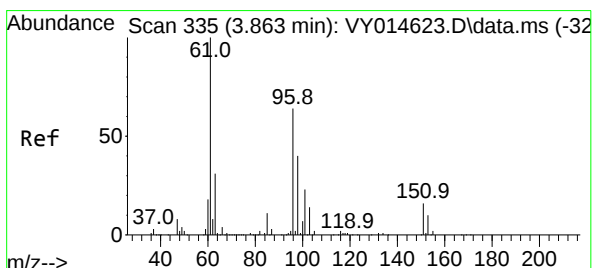
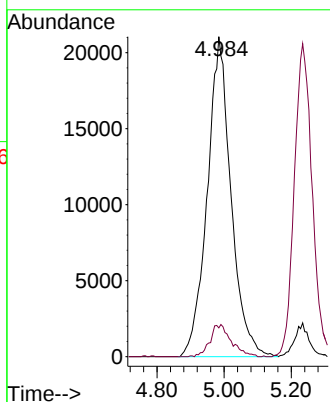
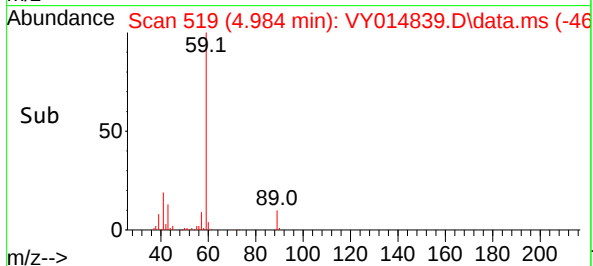
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 103502
Ion Ratio Lower Upper
59 100
57 9.0 3.0 4.4

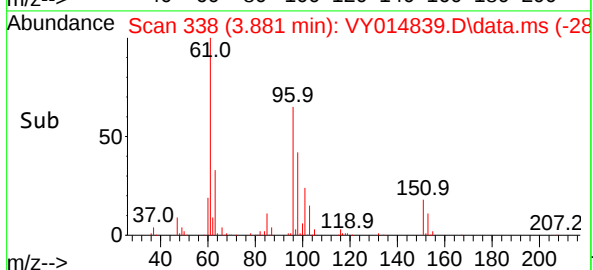
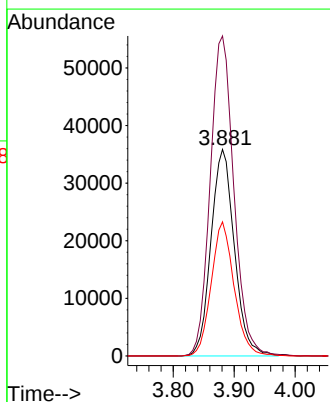
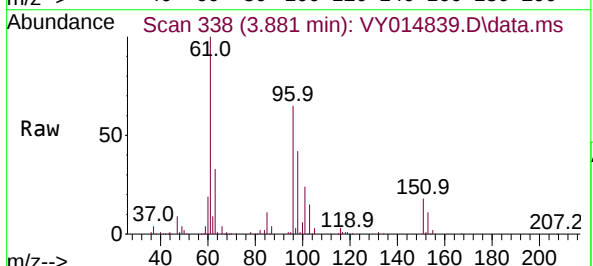
Manual Integrations
APPROVED

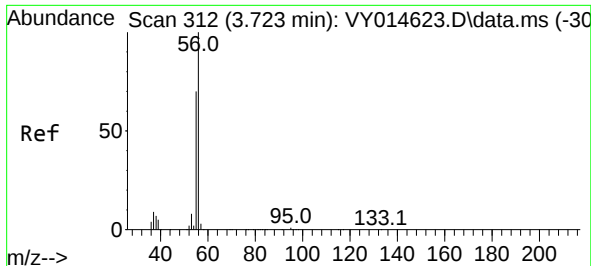
Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#12
1,1-Dichloroethene
Concen: 51.026 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.018 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

Tgt Ion: 96 Resp: 95881
Ion Ratio Lower Upper
96 100
61 154.9 136.4 204.6
98 64.9 49.4 74.2





#13

Acrolein

Concen: 134.576 ug/l

RT: 3.741 min Scan# 31

Delta R.T. 0.018 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 3058

Ion Ratio Lower Upper

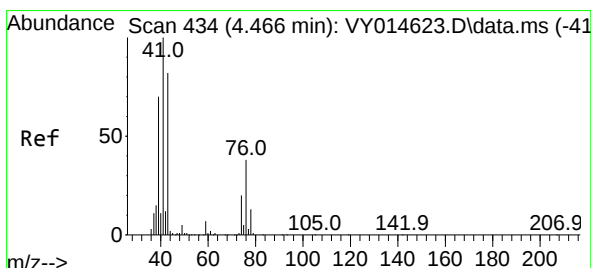
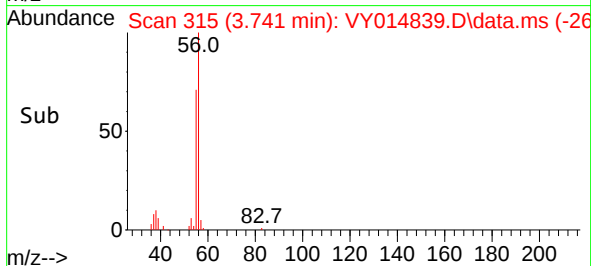
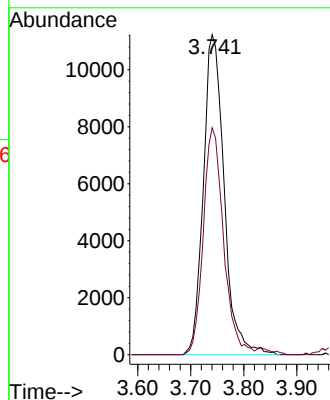
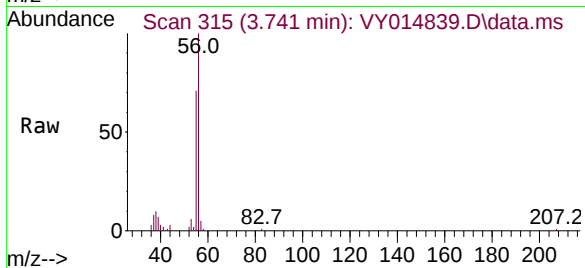
56 100

55 69.0 57.0 85.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#14

Allyl chloride

Concen: 46.175 ug/l

RT: 4.490 min Scan# 438

Delta R.T. 0.024 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

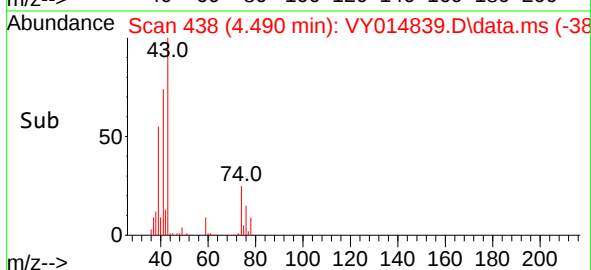
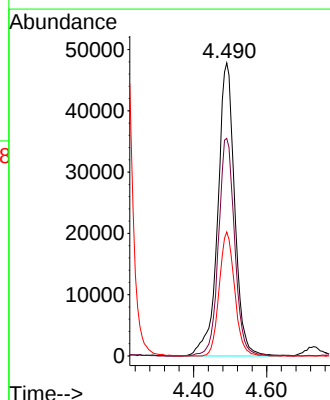
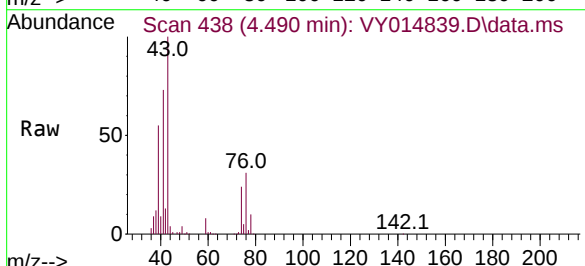
Tgt Ion: 41 Resp: 154055

Ion Ratio Lower Upper

41 100

39 70.9 58.0 87.0

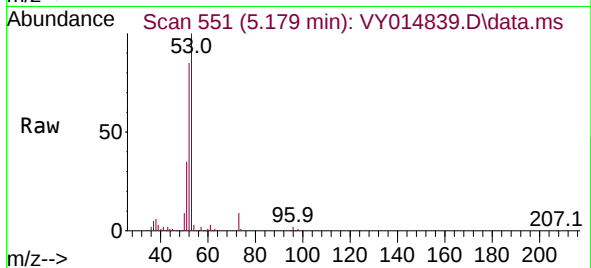
76 38.5 27.4 41.2





#15
Acrylonitrile
Concen: 303.488 ug/l
RT: 5.179 min Scan# 51
Delta R.T. 0.024 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

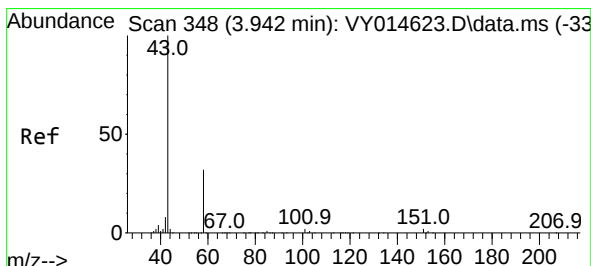
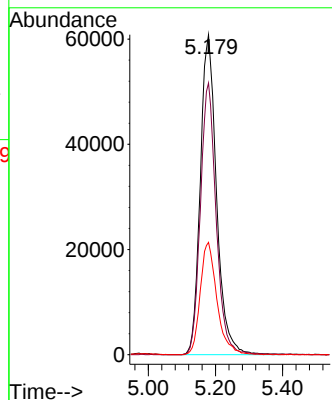
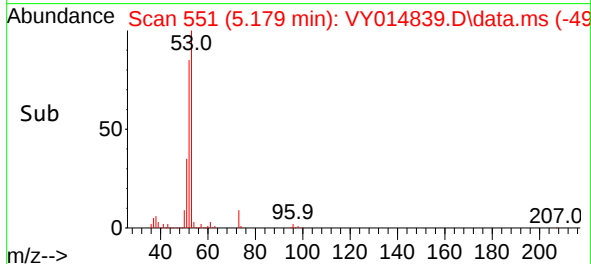
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 204240
Ion Ratio Lower Upper
53 100
52 82.3 66.9 100.3
51 36.2 29.8 44.6

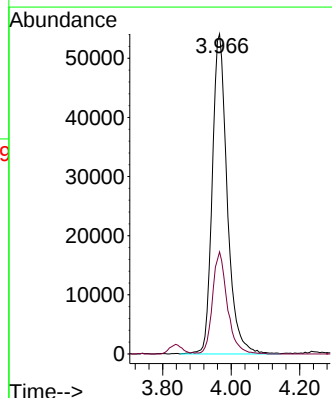
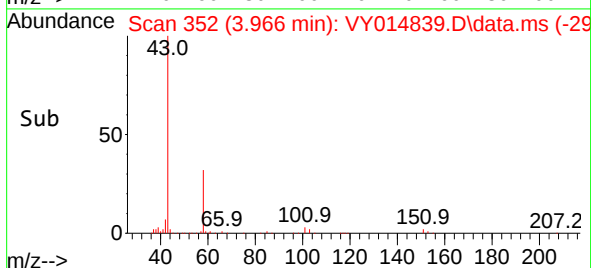
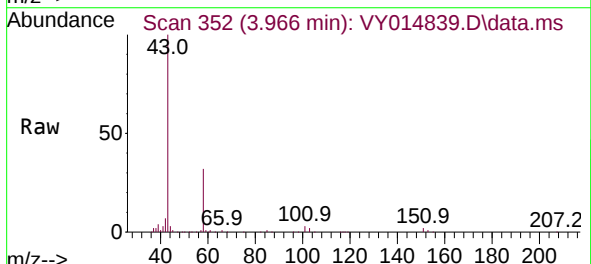
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#16
Acetone
Concen: 238.521 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.024 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

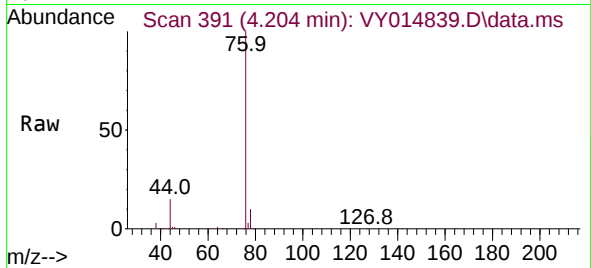
Tgt Ion: 43 Resp: 164352
Ion Ratio Lower Upper
43 100
58 31.9 22.7 34.1





#17
Carbon Disulfide
Concen: 45.709 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.018 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

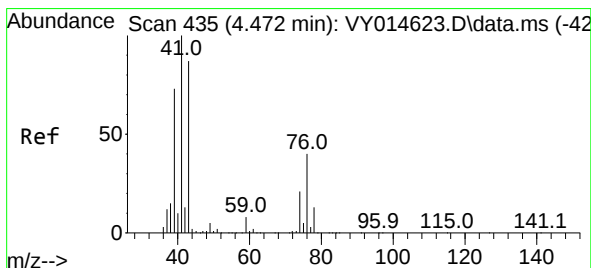
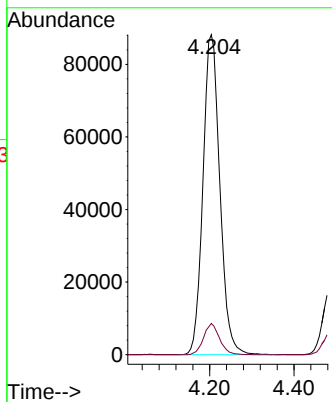
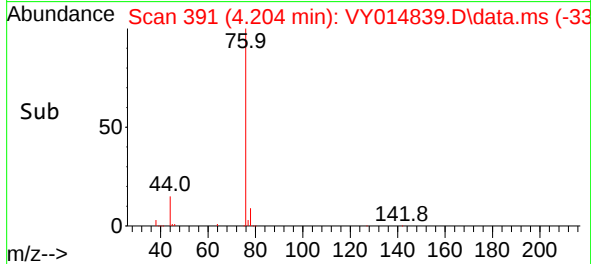
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 245898
Ion Ratio Lower Upper
76 100
78 9.8 7.0 10.4

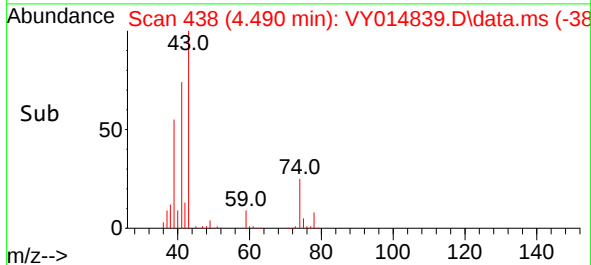
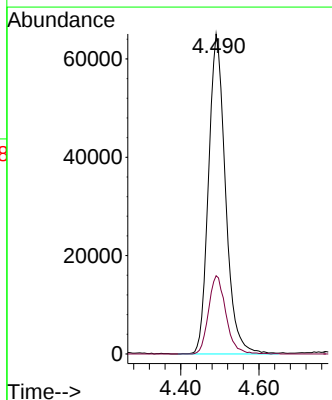
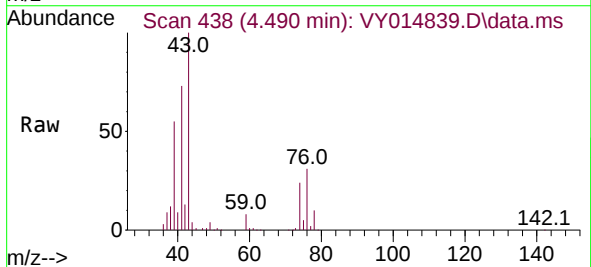
Manual Integrations
APPROVED

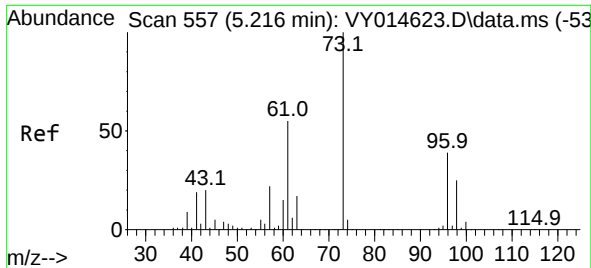
Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#18
Methyl Acetate
Concen: 73.803 ug/l
RT: 4.490 min Scan# 438
Delta R.T. 0.018 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

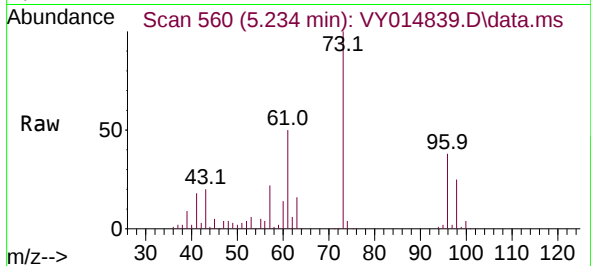
Tgt Ion: 43 Resp: 195154
Ion Ratio Lower Upper
43 100
74 25.0 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 57.548 ug/l
RT: 5.234 min Scan# 50
Delta R.T. 0.018 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

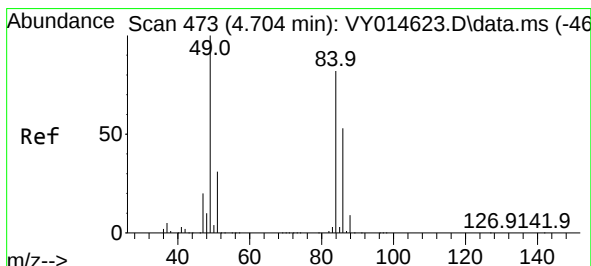
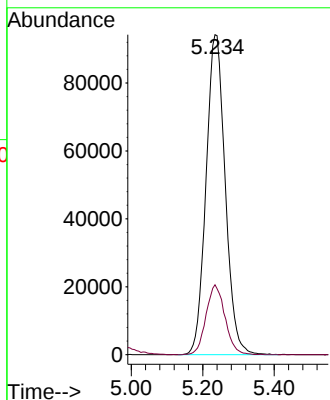
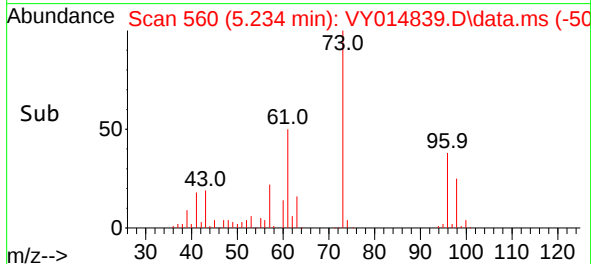
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



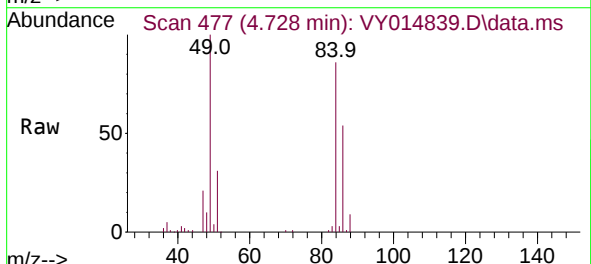
Tgt Ion: 73 Resp: 35126
Ion Ratio Lower Upper
73 100
57 21.8 17.3 25.9

Manual Integrations
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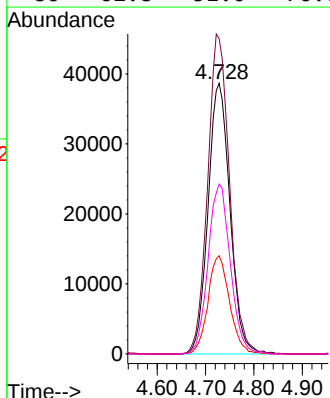
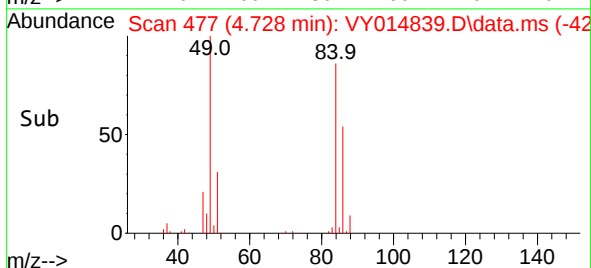
Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#20
Methylene Chloride
Concen: 54.814 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.024 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39



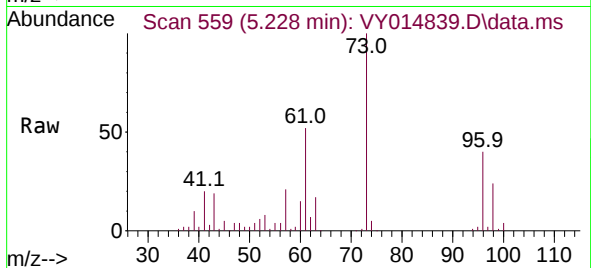
Tgt Ion: 84 Resp: 121788
Ion Ratio Lower Upper
84 100
49 116.5 106.9 160.3
51 36.3 33.2 49.8
86 62.8 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 53.003 ug/l
RT: 5.228 min Scan# 511
Delta R.T. 0.018 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

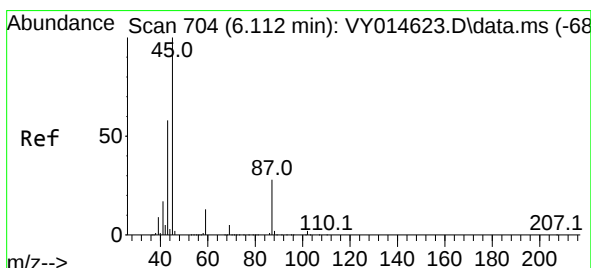
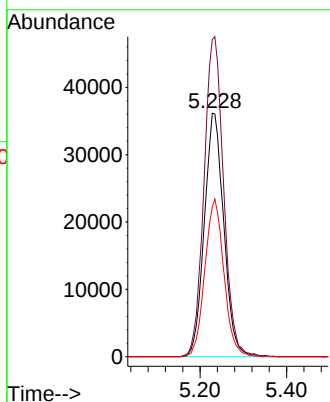
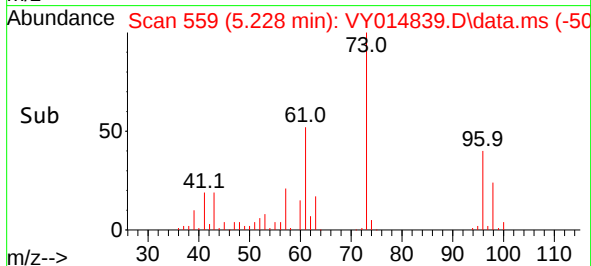
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



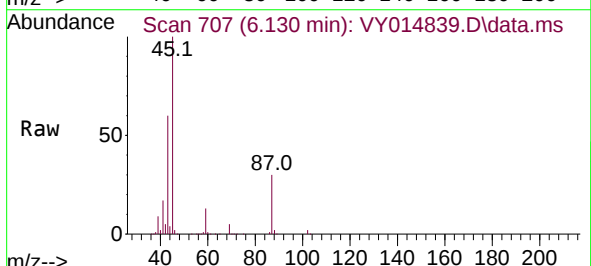
Tgt Ion: 96 Resp: 113024
Ion Ratio Lower Upper
96 100
61 130.1 110.2 165.4
98 61.5 51.8 77.6

Manual Integrations
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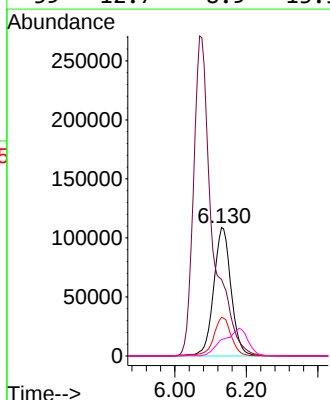
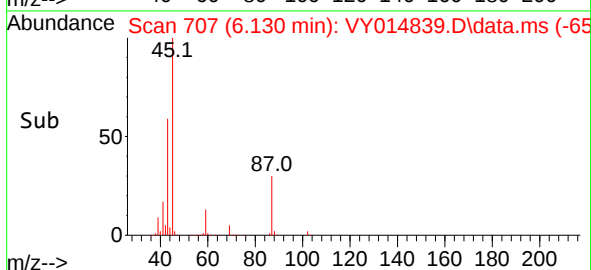
Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#22
Diisopropyl ether
Concen: 54.065 ug/l
RT: 6.130 min Scan# 707
Delta R.T. 0.018 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39



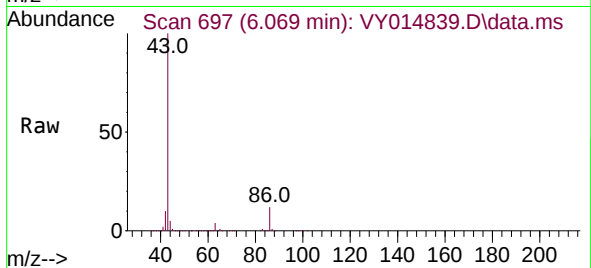
Tgt Ion: 45 Resp: 366731
Ion Ratio Lower Upper
45 100
43 59.3 52.2 78.4
87 30.0 21.0 31.6
59 12.7 8.9 13.3





#23
 Vinyl Acetate
 Concen: 243.871 ug/l
 RT: 6.069 min Scan# 694
 Delta R.T. 0.018 min
 Lab File: VY014839.D
 Acq: 26 Jul 2023 06:39

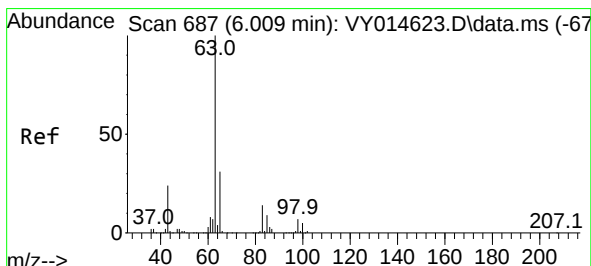
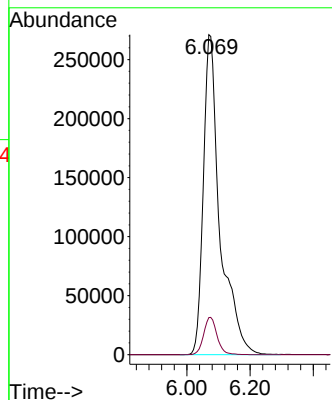
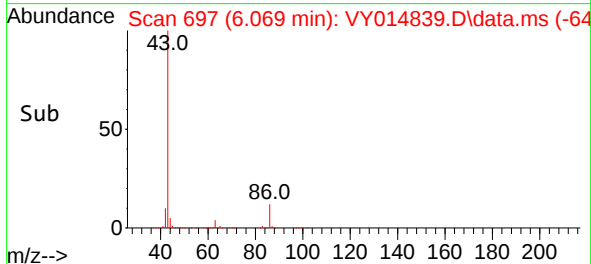
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



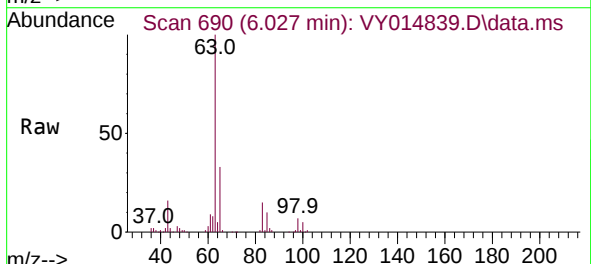
Tgt Ion: 43 Resp: 98992
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.5 11.3

Manual Integrations
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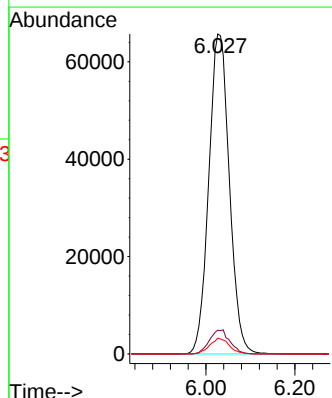
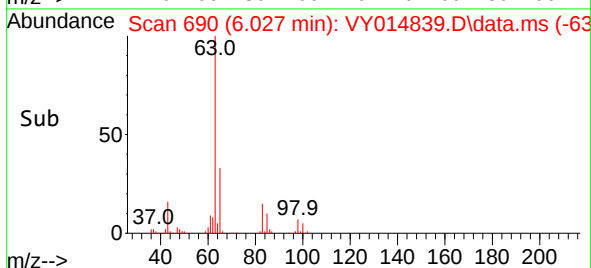
Reviewed By :Mahesh Dadoda 07/26/2023
 Supervised By :Semsettin Yesilyurt 07/27/2023



#24
 1,1-Dichloroethane
 Concen: 54.431 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.018 min
 Lab File: VY014839.D
 Acq: 26 Jul 2023 06:39



Tgt Ion: 63 Resp: 211259
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.1 9.4
 100 4.9 1.8 5.5





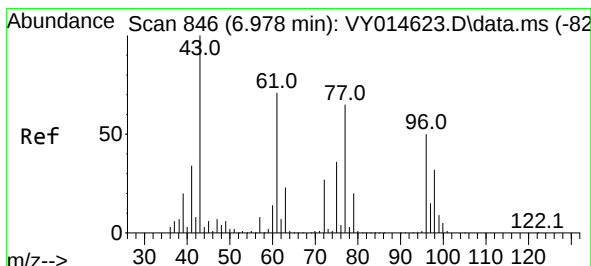
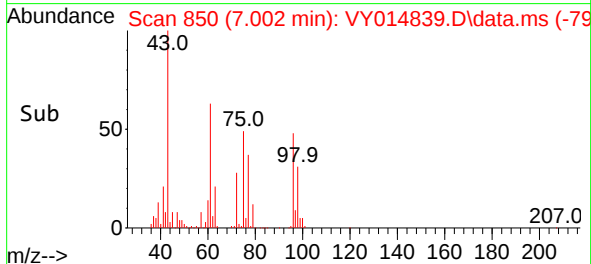
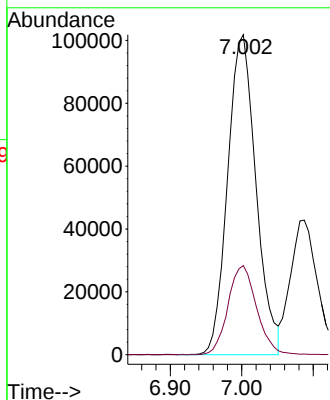
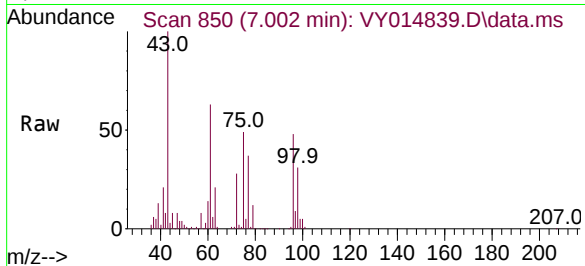
#25
2-Butanone
Concen: 278.424 ug/l
RT: 7.002 min Scan# 81
Delta R.T. 0.024 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 28067
Ion Ratio Lower Upper
43 100
72 27.9 20.5 30.7

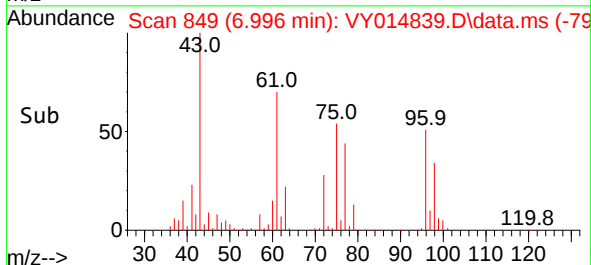
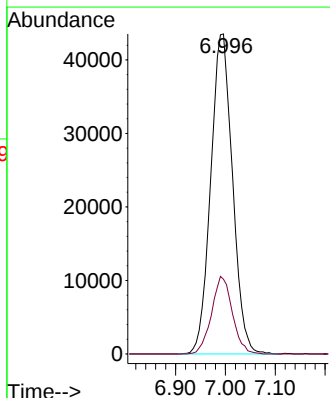
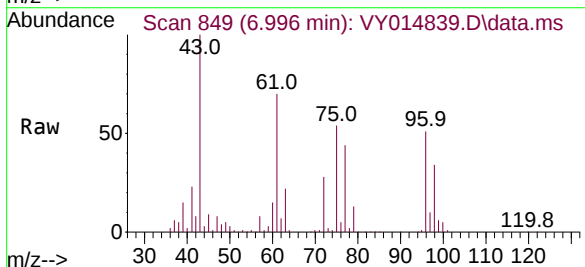
Manual Integrations
APPROVED

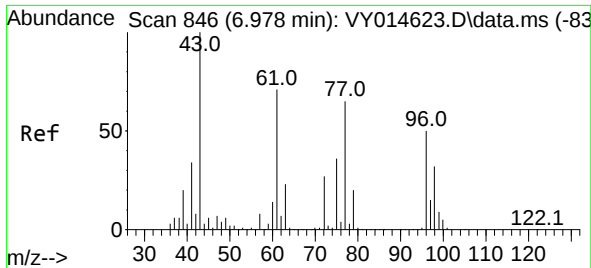
Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#26
2,2-Dichloropropane
Concen: 35.742 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.018 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

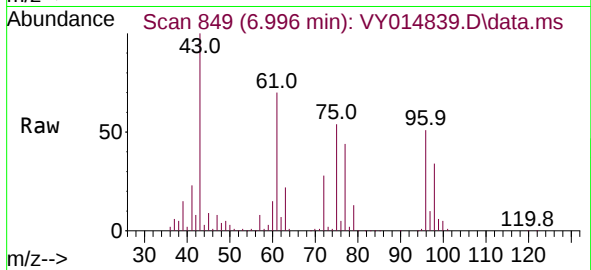
Tgt Ion: 77 Resp: 132208
Ion Ratio Lower Upper
77 100
97 23.1 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 55.996 ug/l
 RT: 6.996 min Scan# 846
 Delta R.T. 0.018 min
 Lab File: VY014839.D
 Acq: 26 Jul 2023 06:39

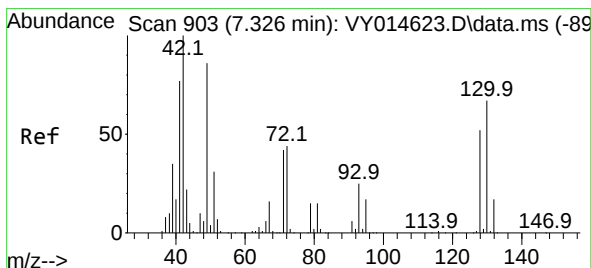
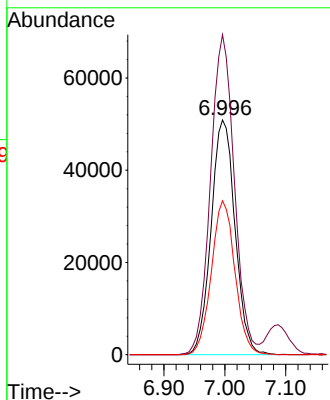
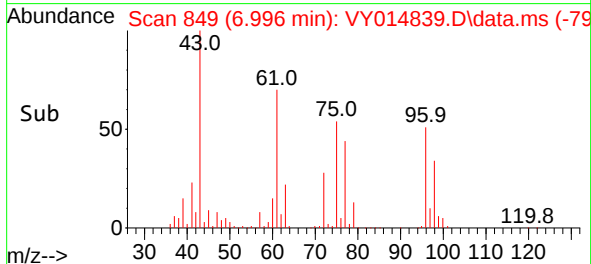
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 138988
 Ion Ratio Lower Upper
 96 100
 61 136.0 0.0 301.4
 98 64.6 0.0 130.4

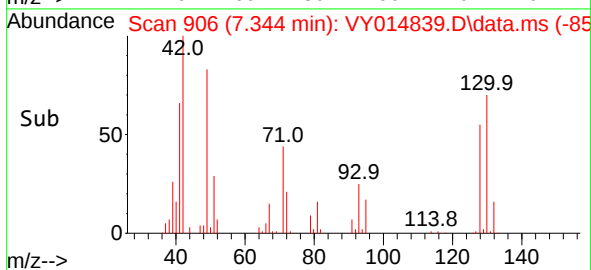
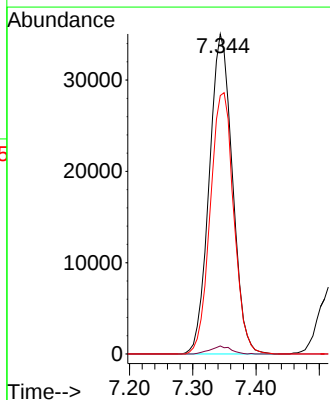
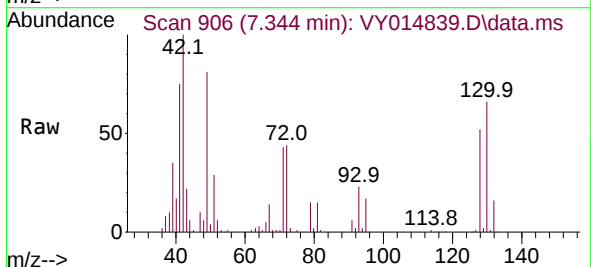
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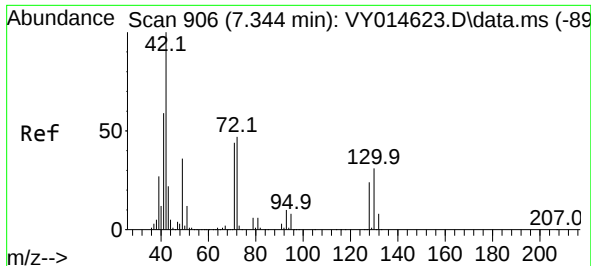
Reviewed By :Mahesh Dadoda 07/26/2023
 Supervised By :Semsettin Yesilyurt 07/27/2023



#28
 Bromochloromethane
 Concen: 53.329 ug/l
 RT: 7.344 min Scan# 906
 Delta R.T. 0.018 min
 Lab File: VY014839.D
 Acq: 26 Jul 2023 06:39

Tgt Ion: 49 Resp: 89142
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 82.6 60.7 91.1





#29

Tetrahydrofuran

Concen: 298.736 ug/l

RT: 7.362 min Scan# 906

Delta R.T. 0.018 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

Instrument :

MSVOA_Y

ClientSampleId :

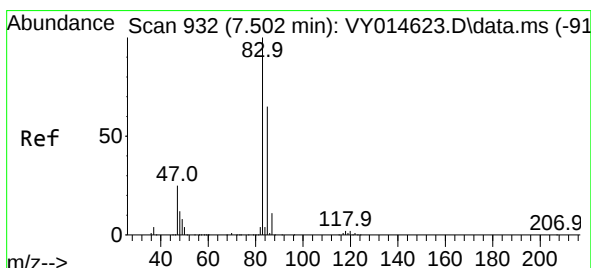
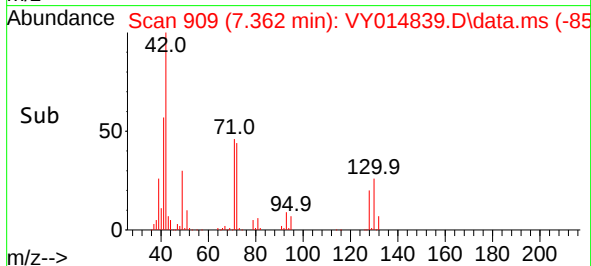
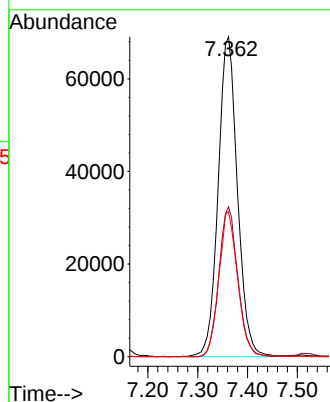
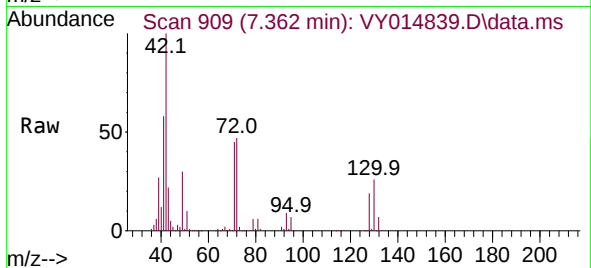
VSTDCCC050EC

Tgt Ion:	42	Resp:	18543
Ion Ratio	Lower	Upper	
42	100		
72	45.9	32.8	49.2
71	44.2	31.0	46.4

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Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#30

Chloroform

Concen: 56.424 ug/l

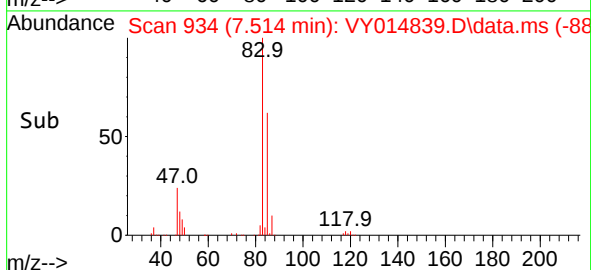
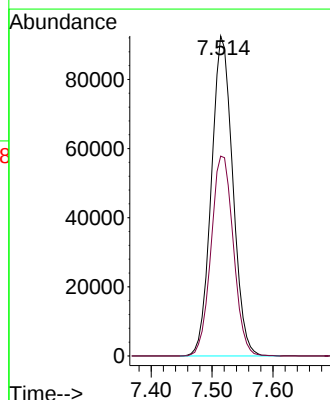
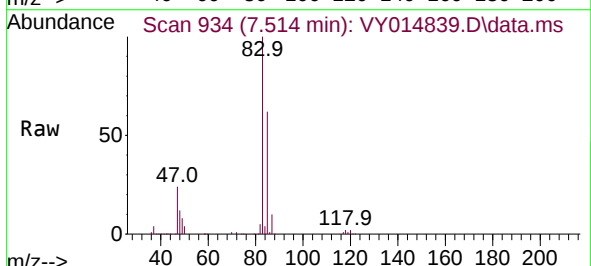
RT: 7.514 min Scan# 934

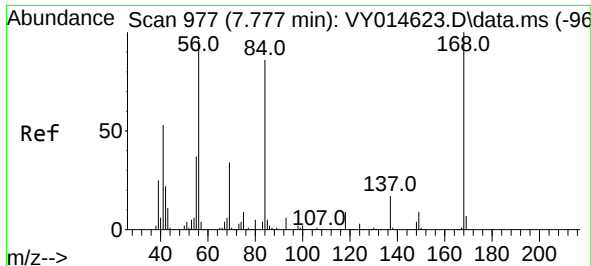
Delta R.T. 0.012 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

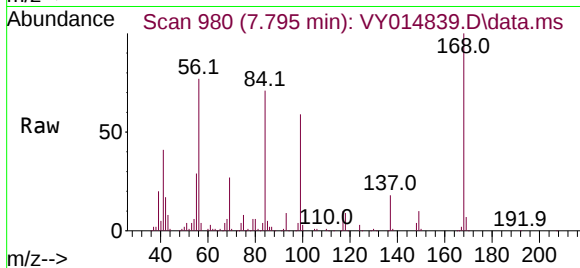
Tgt Ion:	83	Resp:	225827
Ion Ratio	Lower	Upper	
83	100		
85	62.5	49.7	74.5





#31
Cyclohexane
Concen: 43.044 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

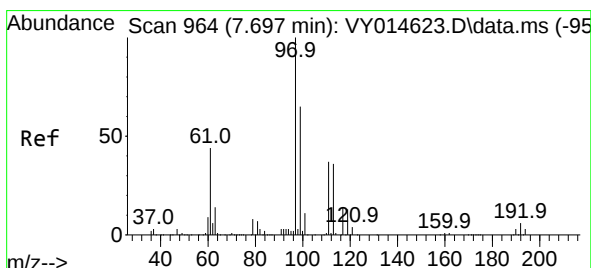
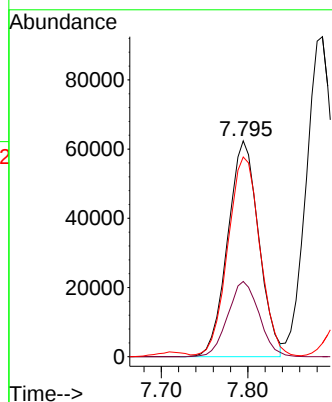
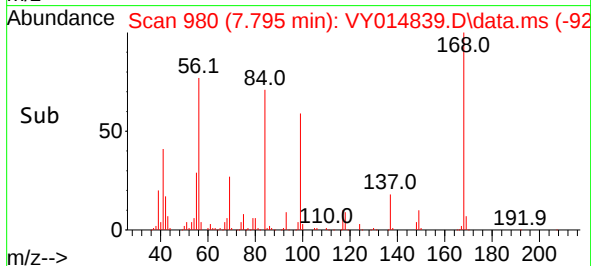
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 15537
Ion Ratio Lower Upper
56 100
69 34.9 27.8 41.6
84 90.8 66.4 99.6

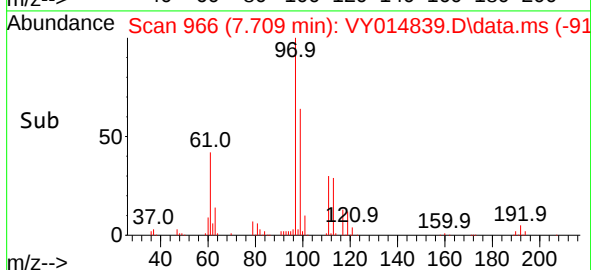
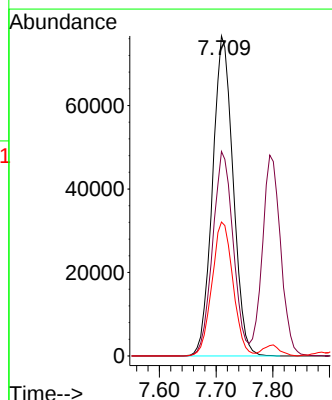
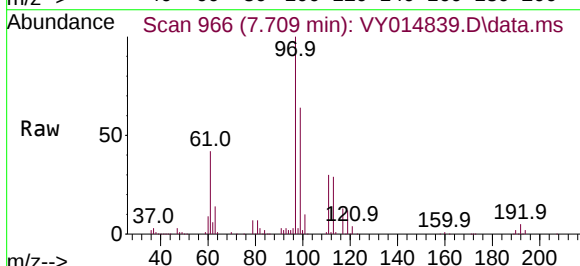
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Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#32
1,1,1-Trichloroethane
Concen: 53.685 ug/l
RT: 7.709 min Scan# 966
Delta R.T. 0.012 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

Tgt Ion: 97 Resp: 193382
Ion Ratio Lower Upper
97 100
99 64.0 50.8 76.2
61 42.9 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 51.269 ug/l

RT: 8.148 min Scan# 11148

Delta R.T. 0.012 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 11148

Ion Ratio Lower Upper

65 100

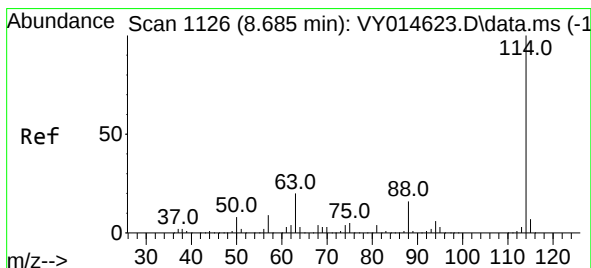
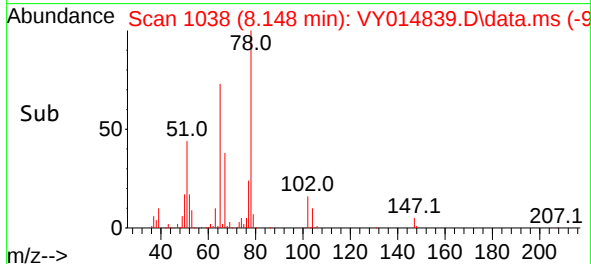
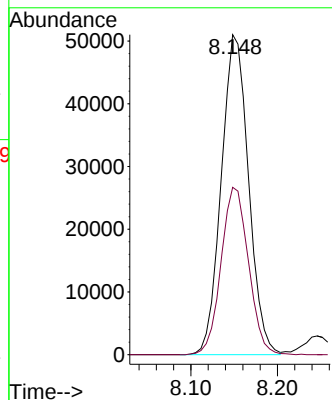
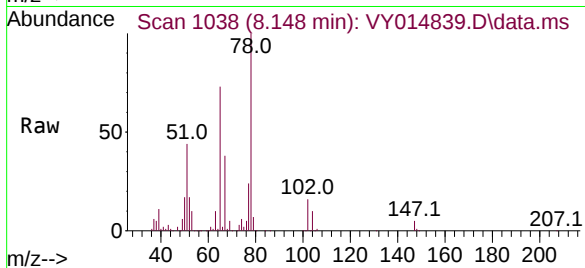
67 52.6 0.0 101.8

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Reviewed By :Mahesh Dadoda 07/26/2023

Supervised By :Semsettin Yesilyurt 07/27/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

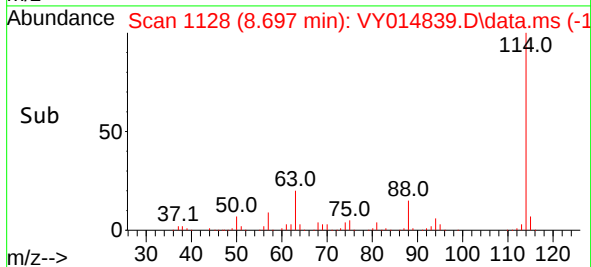
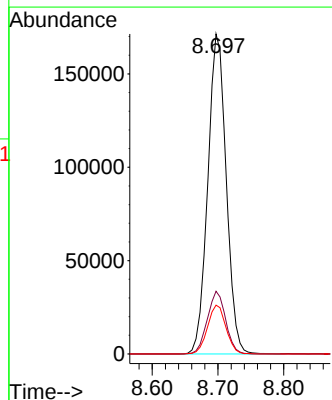
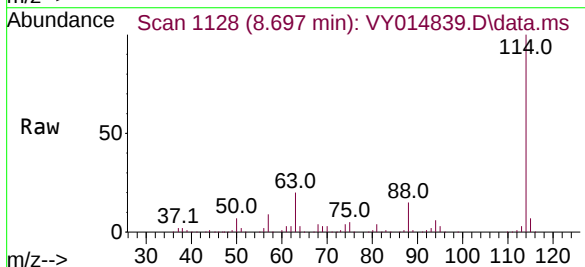
Tgt Ion:114 Resp: 334787

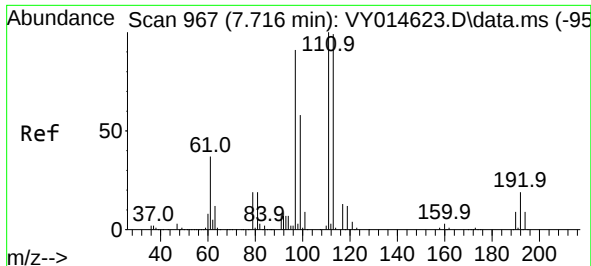
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

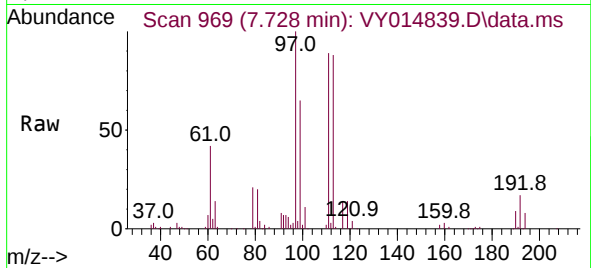
88 15.2 0.0 30.6





#35
Dibromofluoromethane
Concen: 47.896 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.012 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

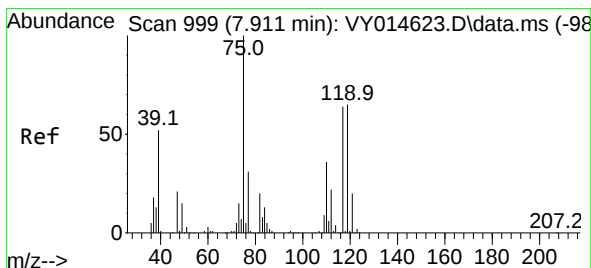
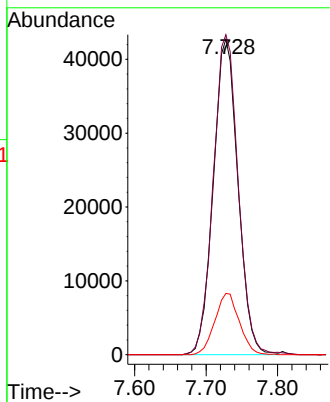
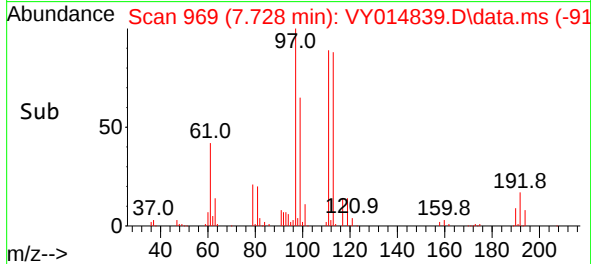
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



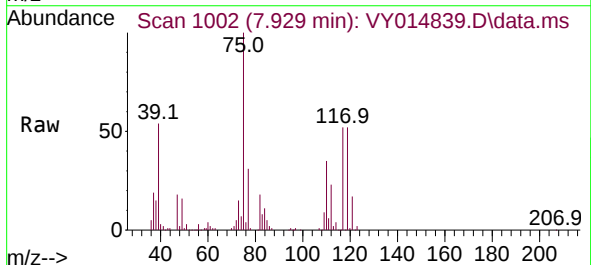
Tgt Ion: 113 Resp: 10207
Ion Ratio Lower Upper
113 100
111 102.7 81.3 121.9
192 19.3 16.9 25.3

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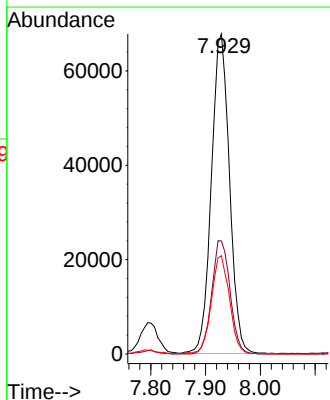
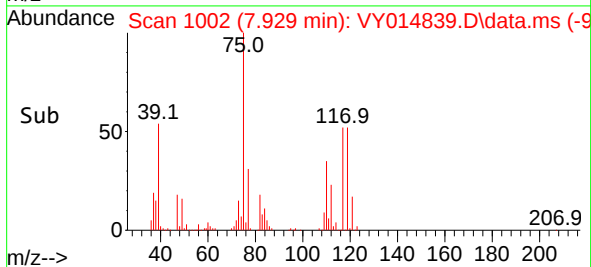
Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#36
1,1-Dichloropropene
Concen: 48.798 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.018 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39



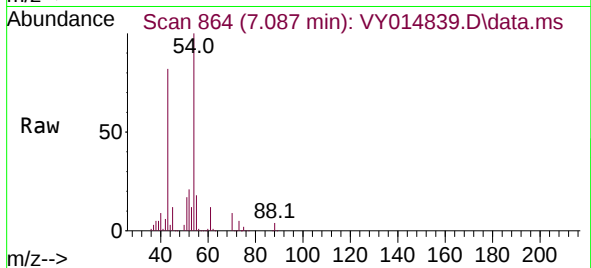
Tgt Ion: 75 Resp: 155526
Ion Ratio Lower Upper
75 100
110 35.8 17.8 53.5
77 30.8 24.4 36.6





#37
Ethyl Acetate
Concen: 52.288 ug/l
RT: 7.087 min Scan# 861
Delta R.T. 0.017 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

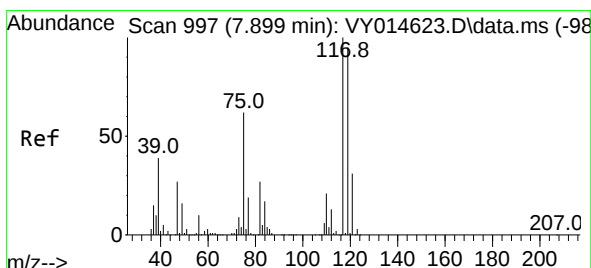
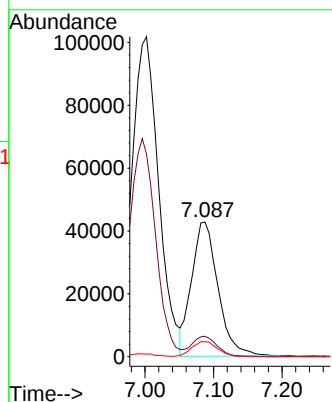
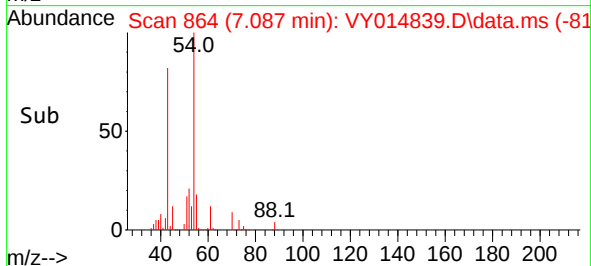
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 114730
Ion Ratio Lower Upper
43 100
61 14.4 10.1 15.1
70 11.1 7.1 10.7

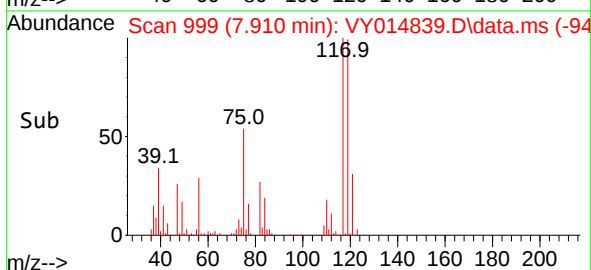
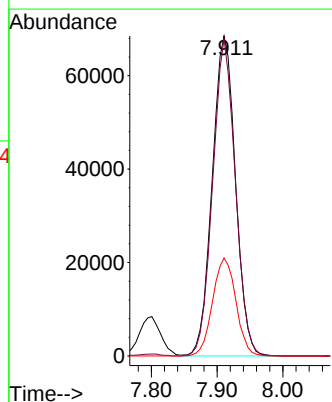
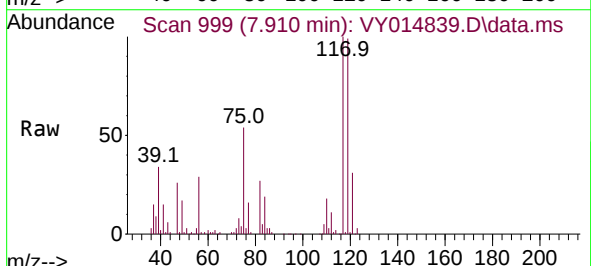
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Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#38
Carbon Tetrachloride
Concen: 50.066 ug/l
RT: 7.910 min Scan# 999
Delta R.T. 0.011 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

Tgt Ion:117 Resp: 168673
Ion Ratio Lower Upper
117 100
119 99.1 76.4 114.6
121 30.6 25.8 38.6





#39

Methylcyclohexane

Concen: 43.645 ug/l

RT: 9.191 min Scan# 1042

Delta R.T. 0.012 min

Lab File: VY014839.D

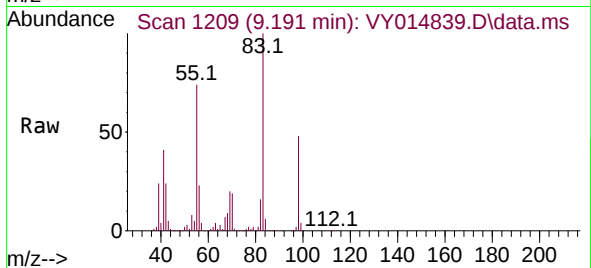
Acq: 26 Jul 2023 06:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

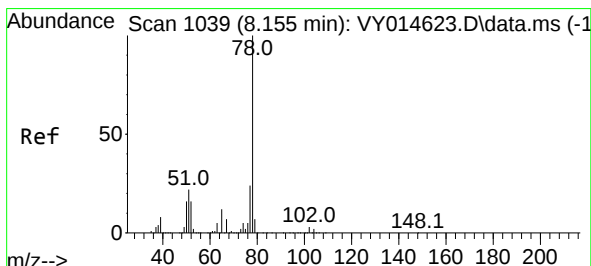
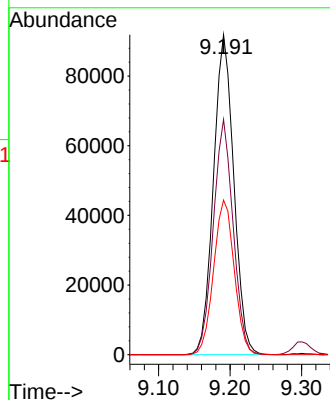
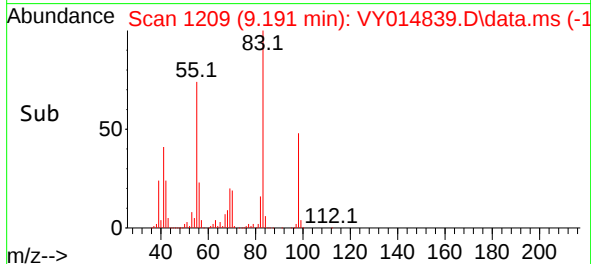


Tgt Ion:	83	Resp:	18122
Ion	Ratio	Lower	Upper
83	100		
55	73.5	63.0	94.4
98	48.3	37.4	56.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#40

Benzene

Concen: 51.856 ug/l

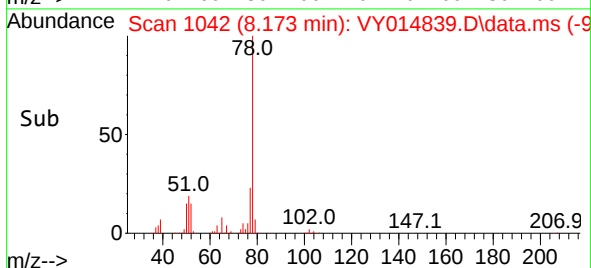
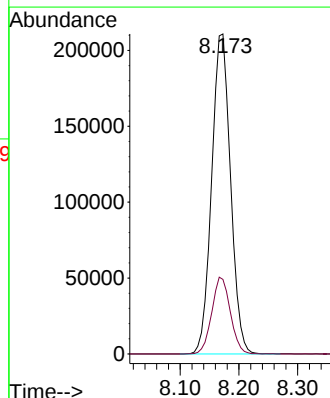
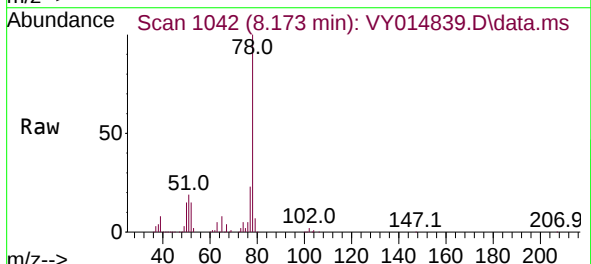
RT: 8.173 min Scan# 1042

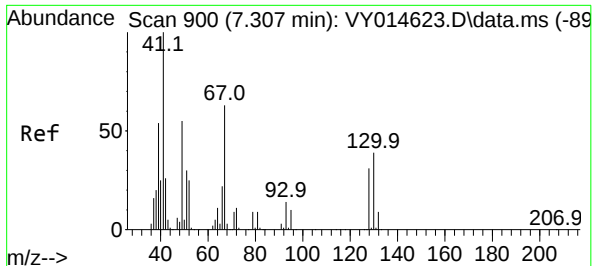
Delta R.T. 0.018 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

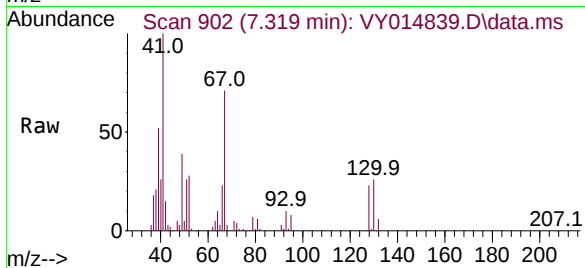
Tgt Ion:	78	Resp:	470035
Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.6





#41
Methacrylonitrile
Concen: 54.916 ug/l
RT: 7.319 min Scan# 900
Delta R.T. 0.012 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

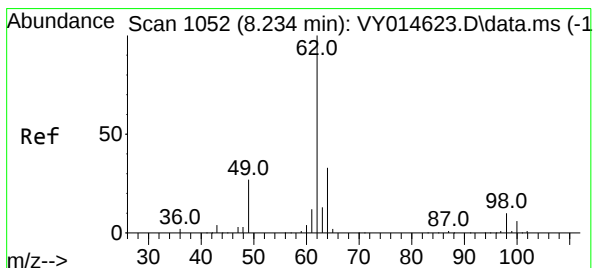
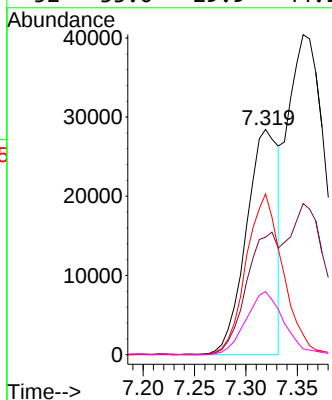
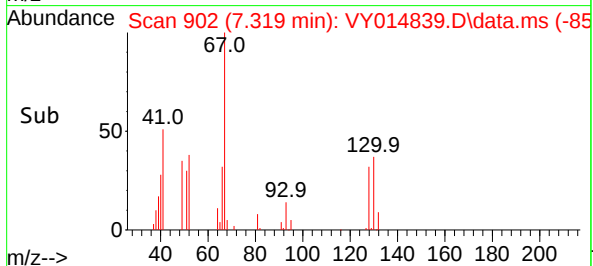
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 6198
Ion Ratio Lower Upper
41 100
39 54.1 52.1 78.1
67 81.8 66.2 99.2
52 33.0 29.9 44.9

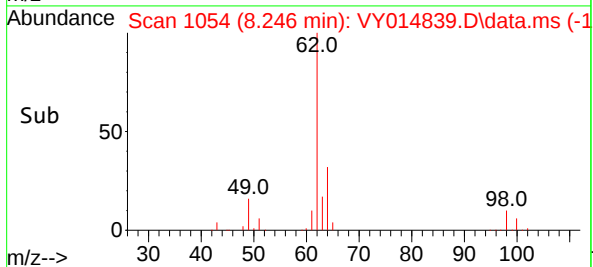
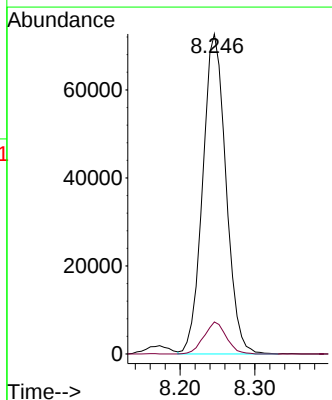
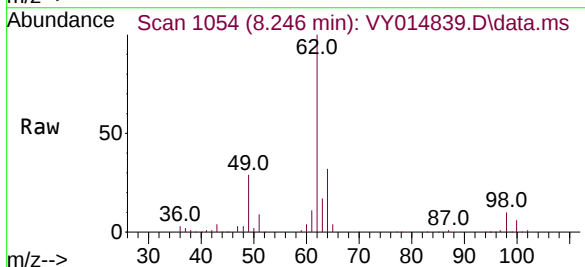
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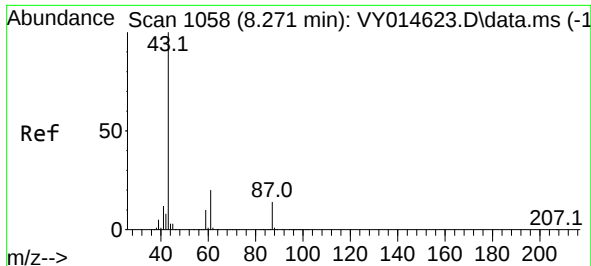
Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#42
1,2-Dichloroethane
Concen: 54.753 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.012 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

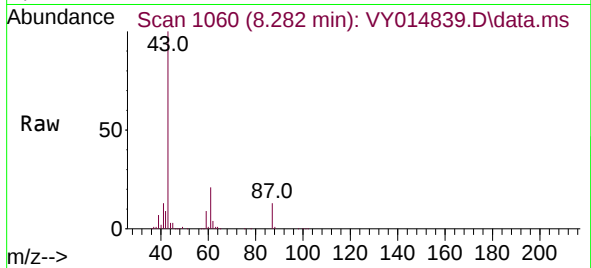
Tgt Ion: 62 Resp: 157163
Ion Ratio Lower Upper
62 100
98 9.6 0.0 15.8





#43
Isopropyl Acetate
Concen: 52.565 ug/l
RT: 8.282 min Scan# 1060
Delta R.T. 0.011 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

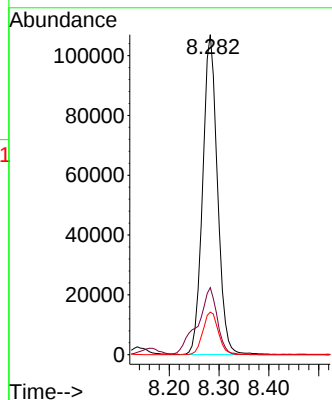
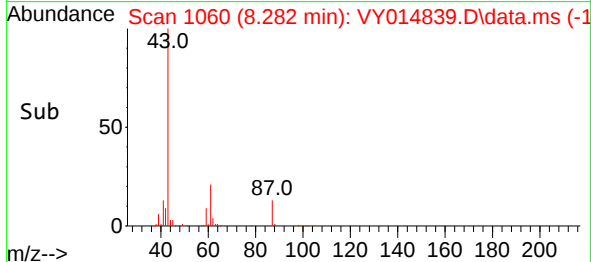
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 219720
Ion Ratio Lower Upper
43 100
61 27.9 21.1 31.7
87 13.9 9.8 14.8

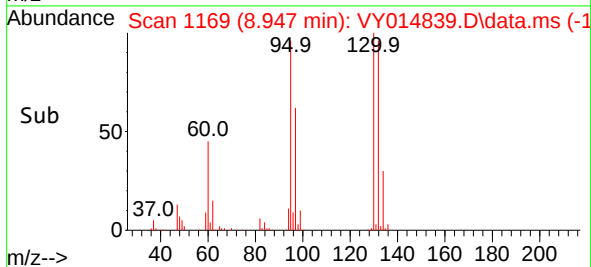
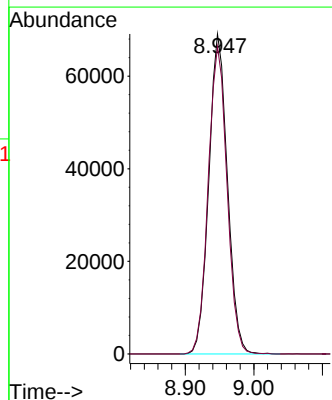
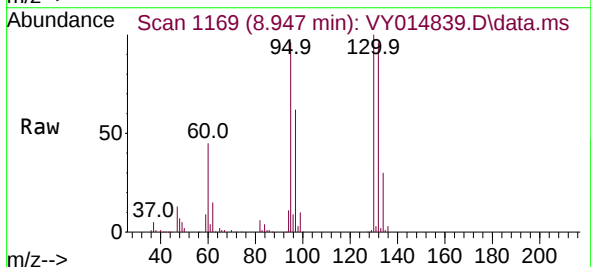
Manual Integrations
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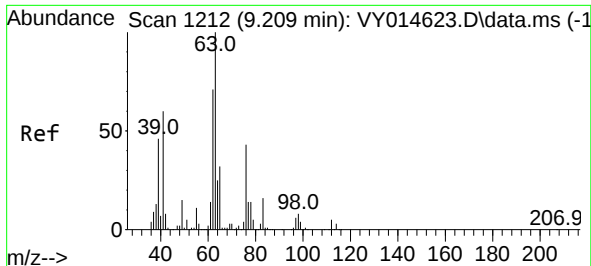
Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#44
Trichloroethene
Concen: 51.520 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.012 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

Tgt Ion:130 Resp: 130661
Ion Ratio Lower Upper
130 100
95 96.1 0.0 196.0





#45

1,2-Dichloropropane

Concen: 51.815 ug/l

RT: 9.221 min Scan# 1214

Delta R.T. 0.012 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 122640

Ion Ratio Lower Upper

63 100

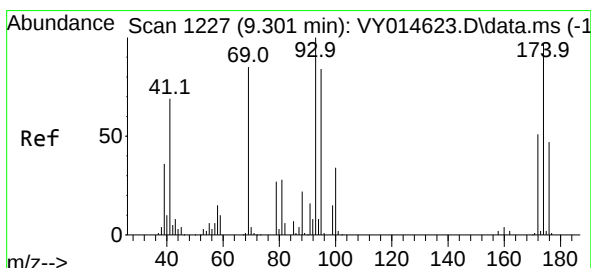
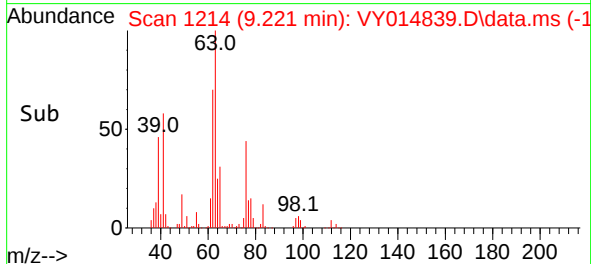
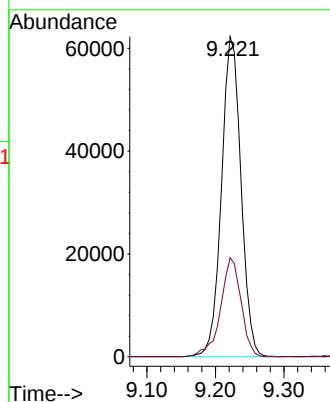
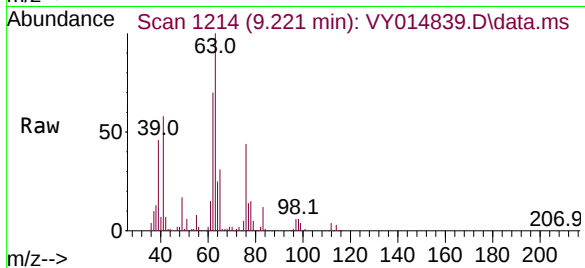
65 30.9 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/26/2023

Supervised By :Semsettin Yesilyurt 07/27/2023



#46

Dibromomethane

Concen: 54.590 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.012 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

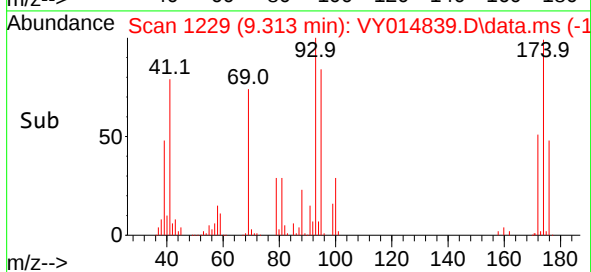
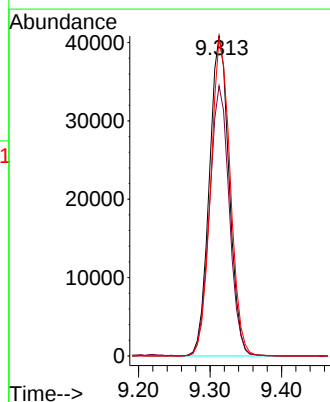
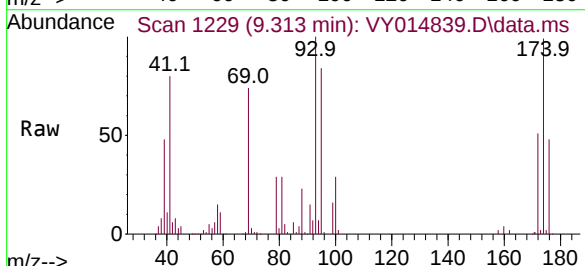
Tgt Ion: 93 Resp: 78384

Ion Ratio Lower Upper

93 100

95 84.2 66.6 100.0

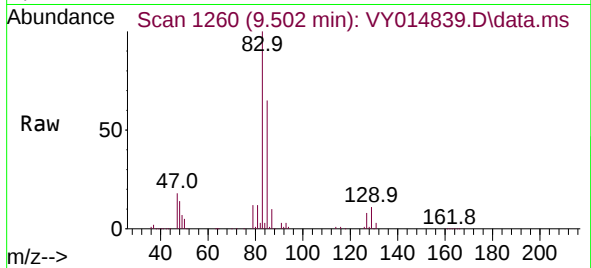
174 98.2 84.8 127.2





#47
Bromodichloromethane
Concen: 53.742 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

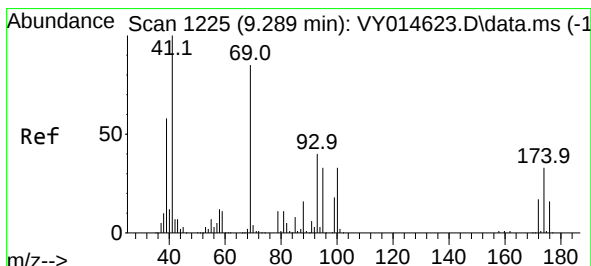
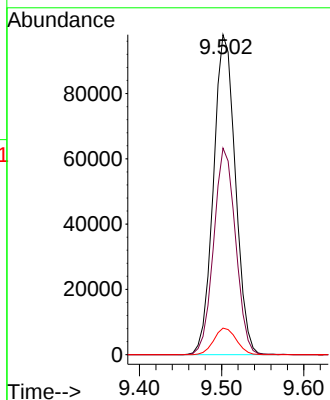
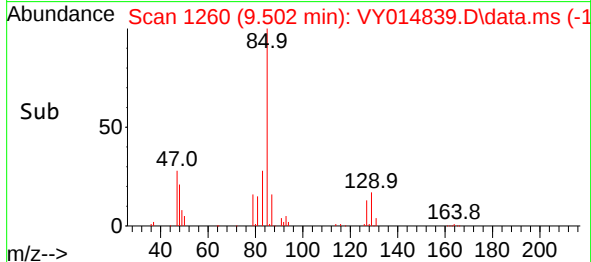
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 18187
Ion Ratio Lower Upper
83 100
85 64.6 50.1 75.1
127 8.3 7.1 10.7

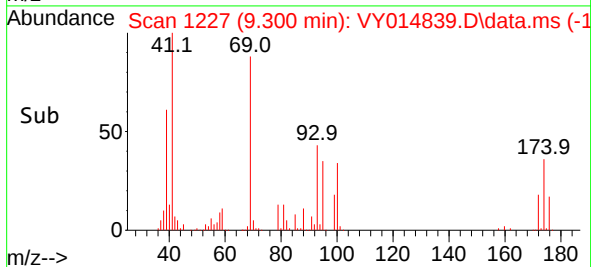
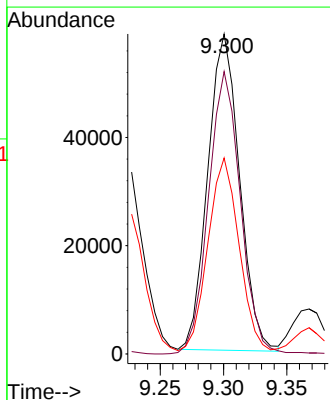
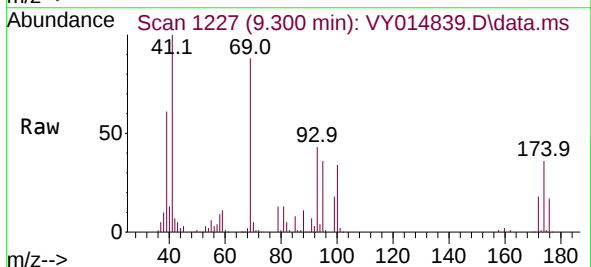
Manual Integrations
APPROVED

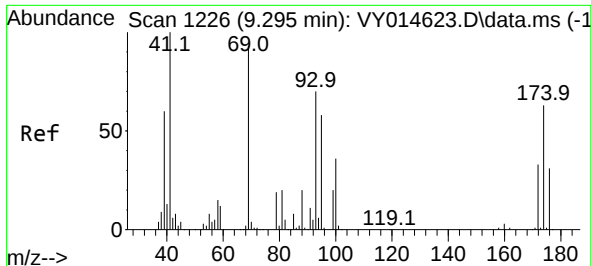
Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#48
Methyl methacrylate
Concen: 54.267 ug/l
RT: 9.300 min Scan# 1227
Delta R.T. 0.011 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

Tgt Ion: 41 Resp: 102069
Ion Ratio Lower Upper
41 100
69 89.9 64.5 96.7
39 61.6 50.8 76.2





#49

1,4-Dioxane

Concen: 1146.959 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.012 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

Instrument :

MSVOA_Y

ClientSampleId :

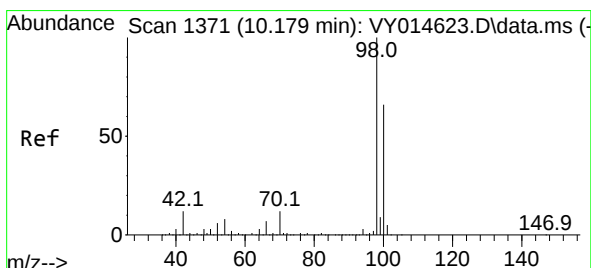
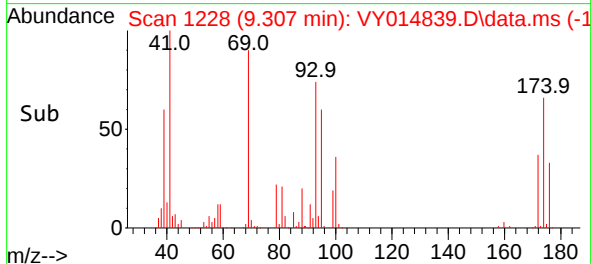
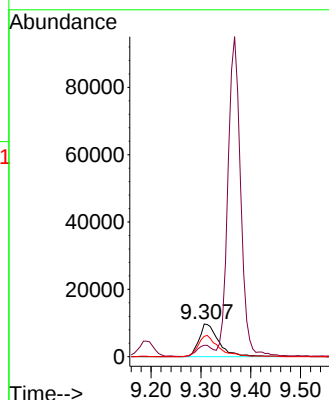
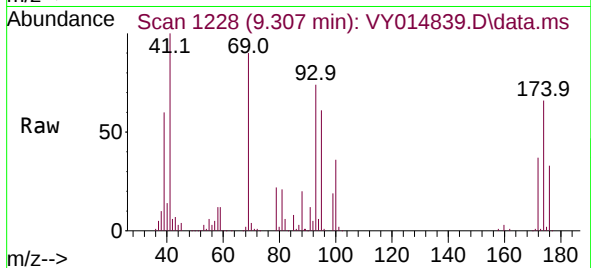
VSTDCCC050EC

Tgt Ion: 88 Resp: 26854
 Ion Ratio Lower Upper
 88 100
 43 28.1 0.0 0.0
 58 65.9 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/26/2023
 Supervised By :Semsettin Yesilyurt 07/27/2023



#50

Toluene-d8

Concen: 46.215 ug/l

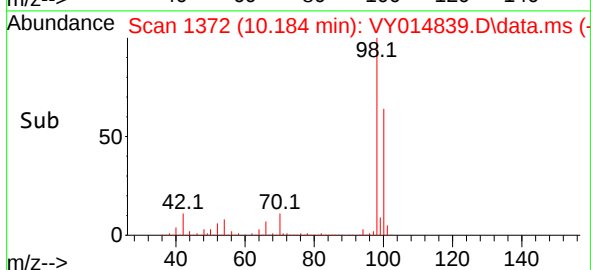
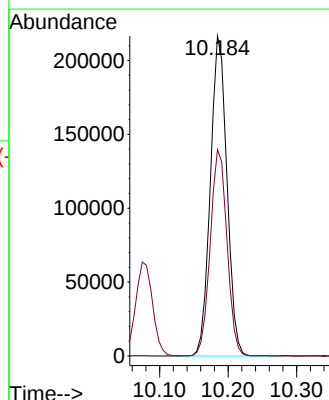
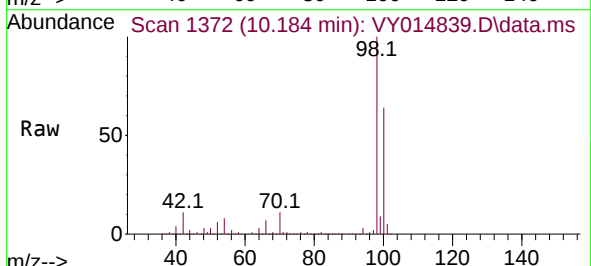
RT: 10.184 min Scan# 1372

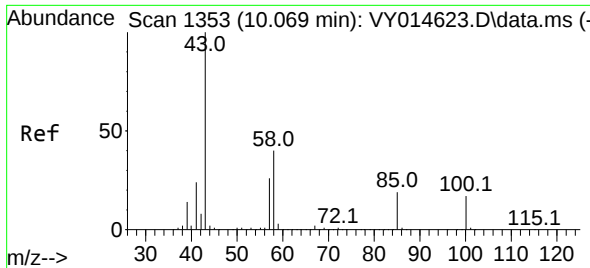
Delta R.T. 0.005 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

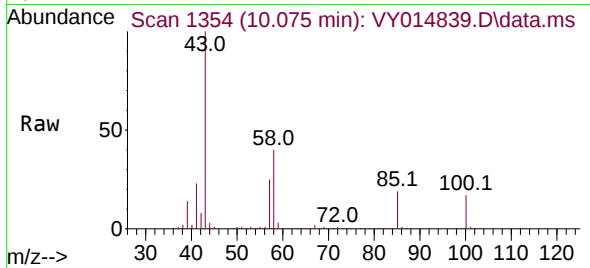
Tgt Ion: 98 Resp: 363118
 Ion Ratio Lower Upper
 98 100
 100 65.3 50.1 75.1





#51
4-Methyl-2-Pentanone
Concen: 290.686 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

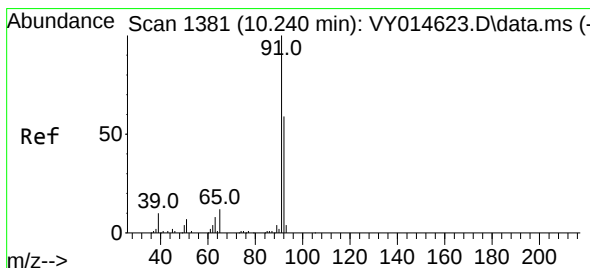
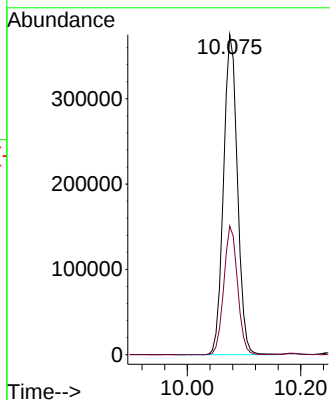
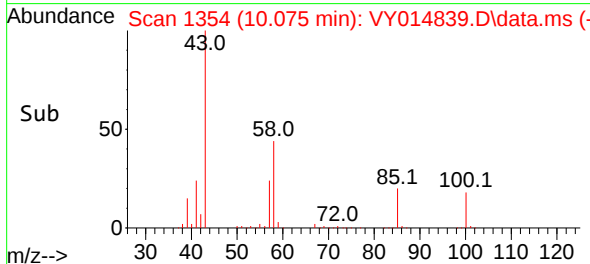
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 637960
Ion Ratio Lower Upper
43 100
58 39.9 29.0 43.6

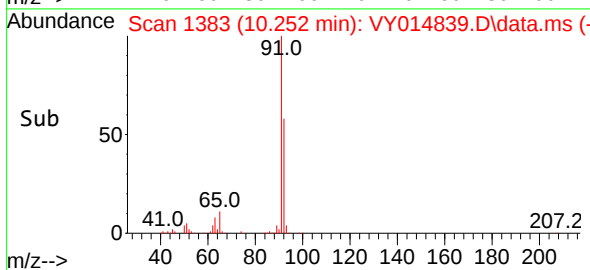
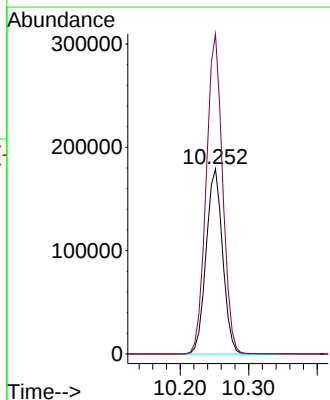
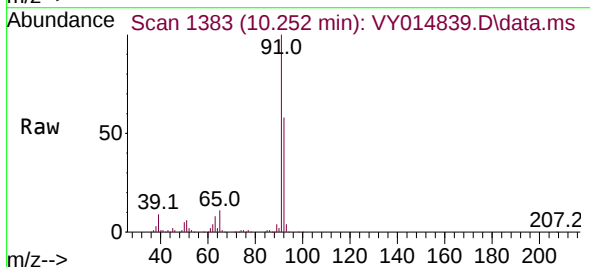
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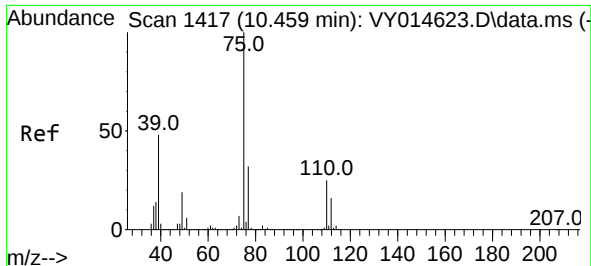
Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#52
Toluene
Concen: 51.607 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.012 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

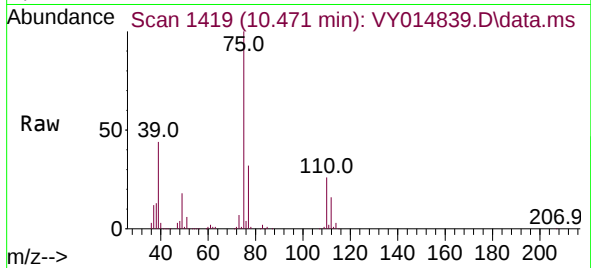
Tgt Ion: 92 Resp: 299335
Ion Ratio Lower Upper
92 100
91 171.9 143.8 215.6





#53
t-1,3-Dichloropropene
Concen: 45.932 ug/l
RT: 10.471 min Scan# 1417
Delta R.T. 0.012 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

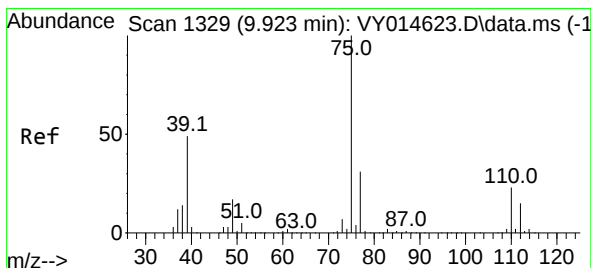
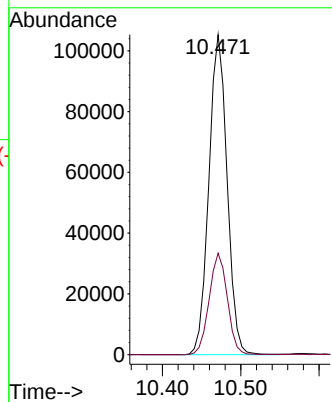
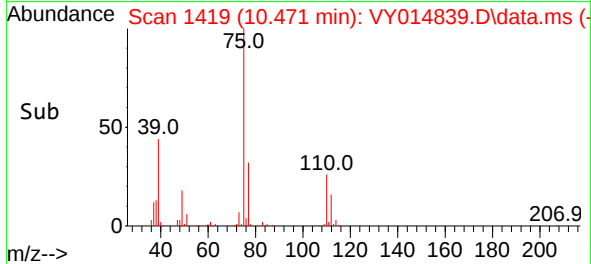
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 170029
Ion Ratio Lower Upper
75 100
77 31.7 25.0 37.4

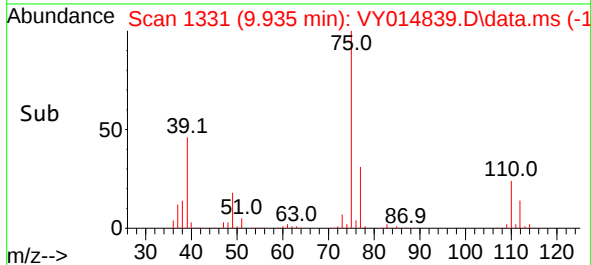
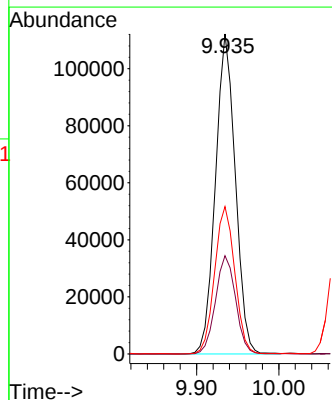
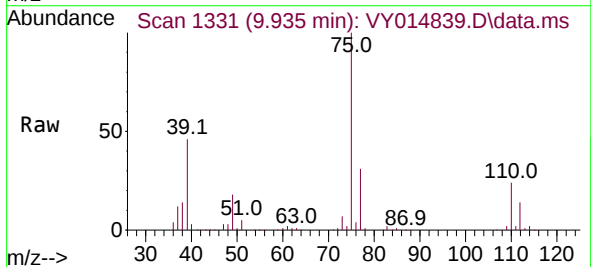
Manual Integrations
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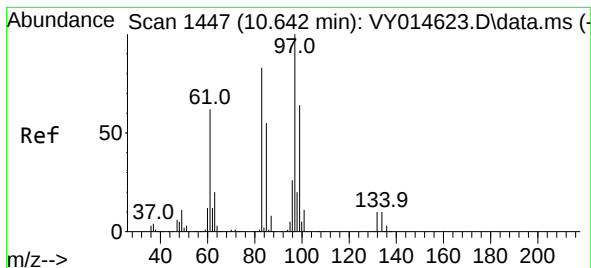
Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#54
cis-1,3-Dichloropropene
Concen: 46.754 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.012 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

Tgt Ion: 75 Resp: 188212
Ion Ratio Lower Upper
75 100
77 30.7 24.2 36.4
39 46.0 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 55.664 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 11133

Ion Ratio Lower Upper

97 100

83 86.2 72.0 108.0

85 55.7 45.4 68.0

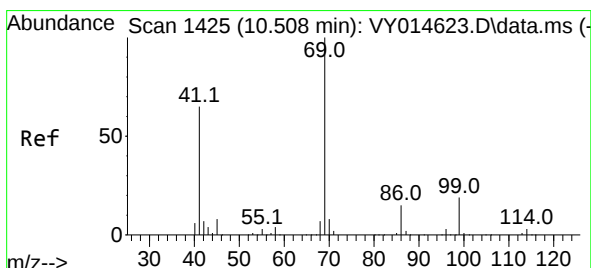
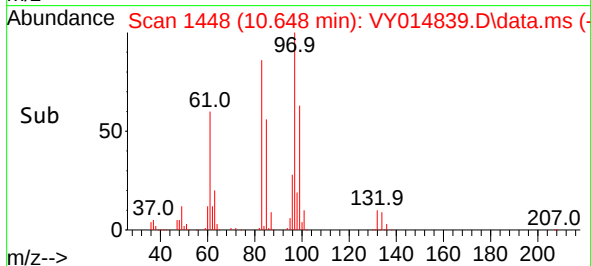
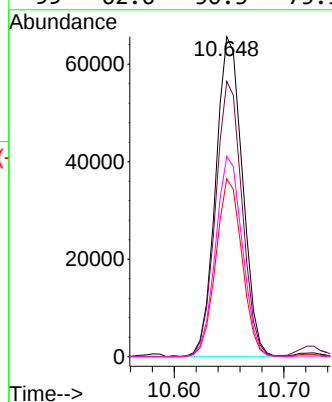
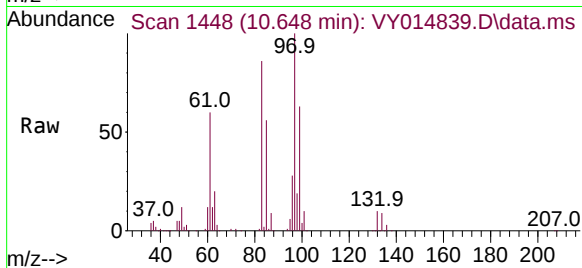
99 62.6 50.3 75.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/26/2023

Supervised By :Semsettin Yesilyurt 07/27/2023



#56

Ethyl methacrylate

Concen: 54.250 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

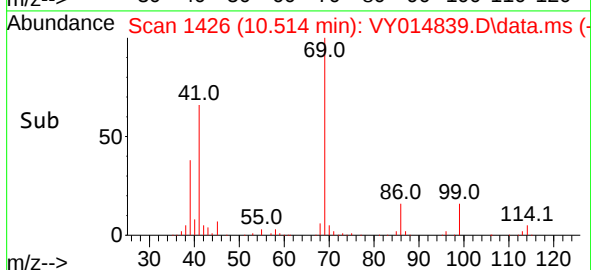
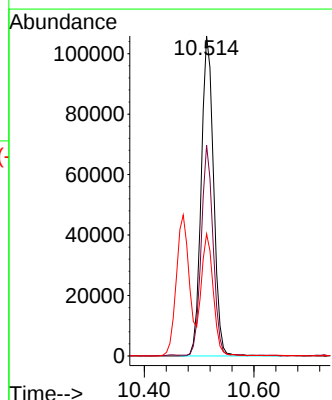
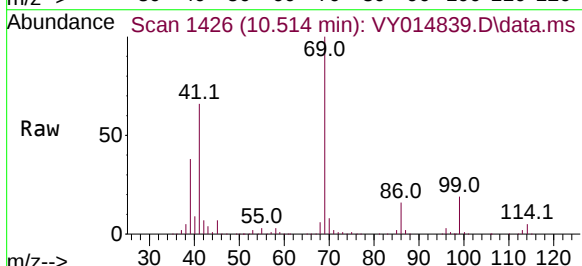
Tgt Ion: 69 Resp: 165672

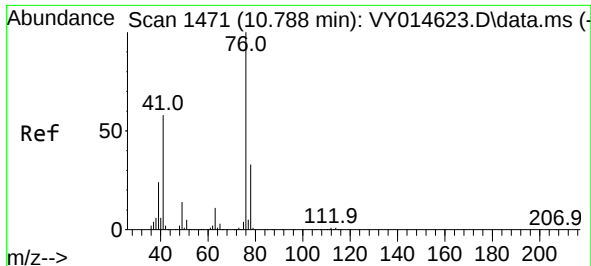
Ion Ratio Lower Upper

69 100

41 62.8 57.6 86.4

39 35.9 34.1 51.1





#57

1,3-Dichloropropane

Concen: 54.308 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 187354

Ion Ratio Lower Upper

76 100

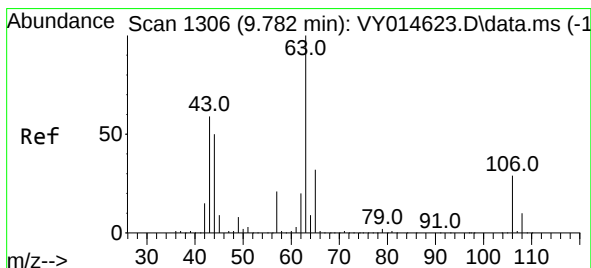
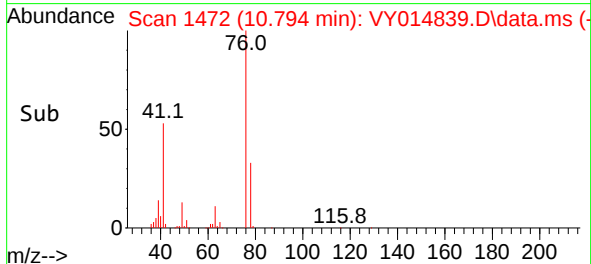
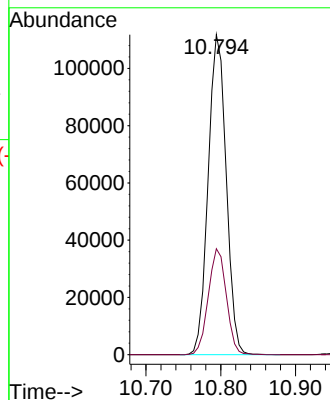
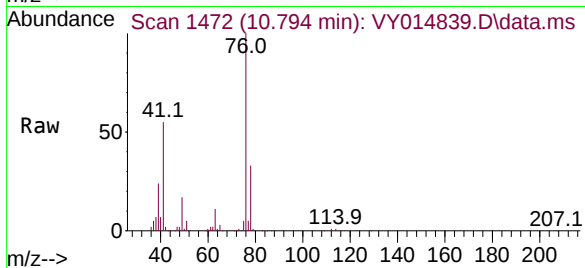
78 33.1 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/26/2023

Supervised By :Semsettin Yesilyurt 07/27/2023



#58

2-Chloroethyl Vinyl ether

Concen: 247.809 ug/l

RT: 9.788 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VY014839.D

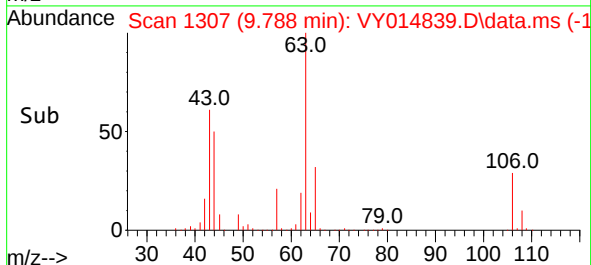
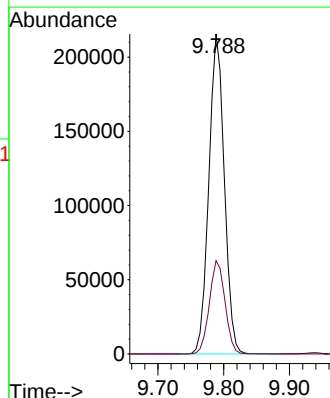
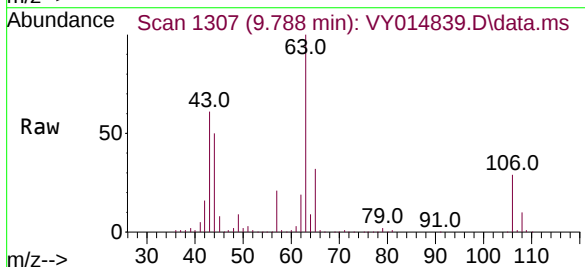
Acq: 26 Jul 2023 06:39

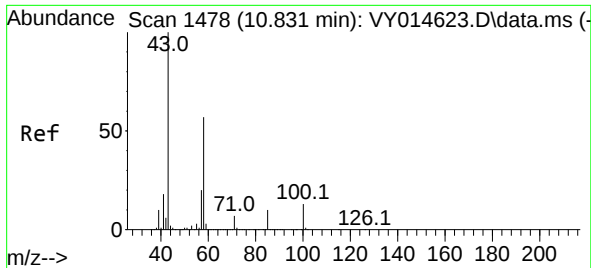
Tgt Ion: 63 Resp: 352613

Ion Ratio Lower Upper

63 100

106 29.6 21.2 31.8





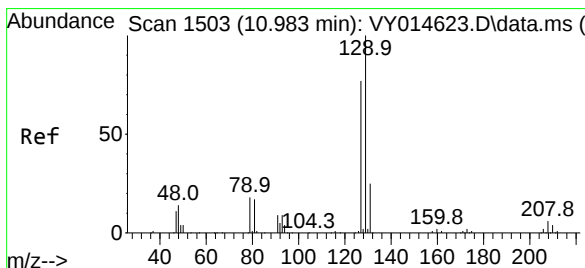
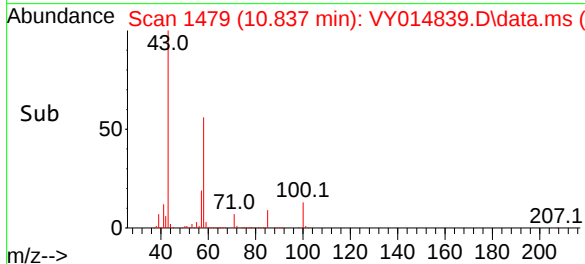
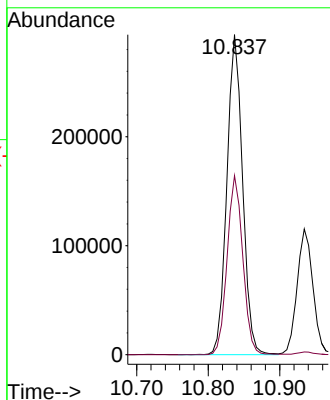
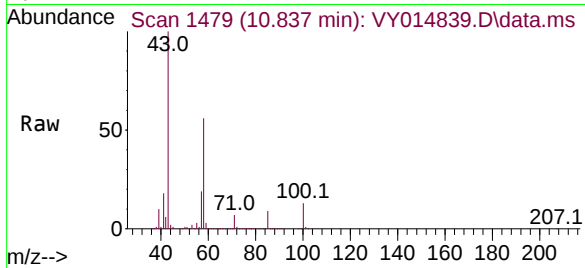
#59
2-Hexanone
Concen: 279.365 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 447110
Ion Ratio Lower Upper
43 100
58 55.9 25.1 75.3

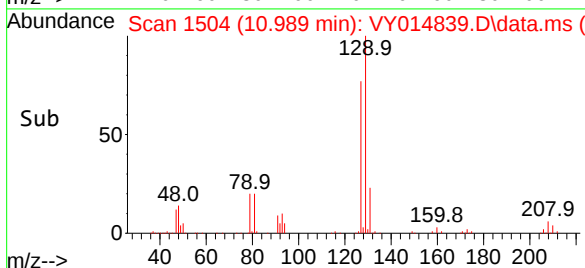
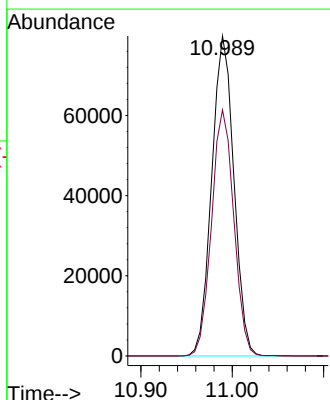
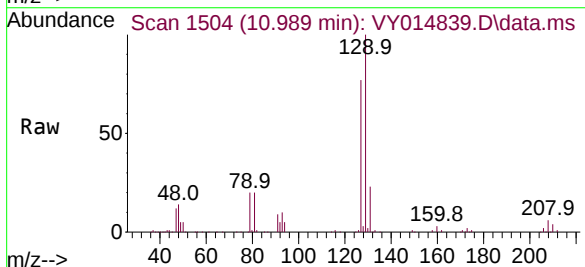
Manual Integrations
APPROVED

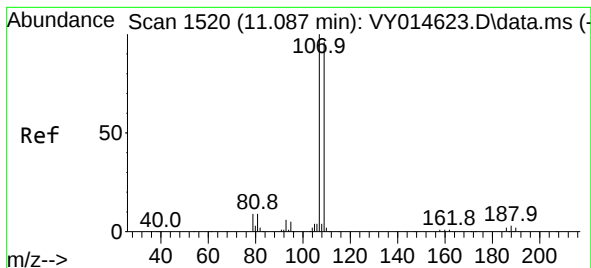
Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#60
Dibromochloromethane
Concen: 54.800 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

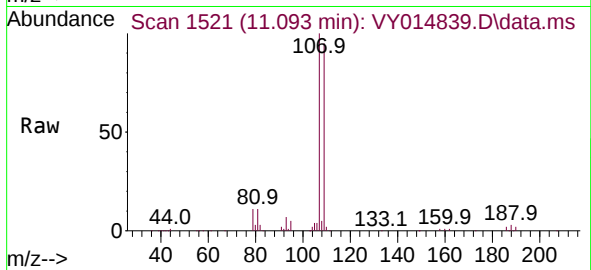
Tgt Ion:129 Resp: 134385
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





#61
1,2-Dibromoethane
Concen: 54.628 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

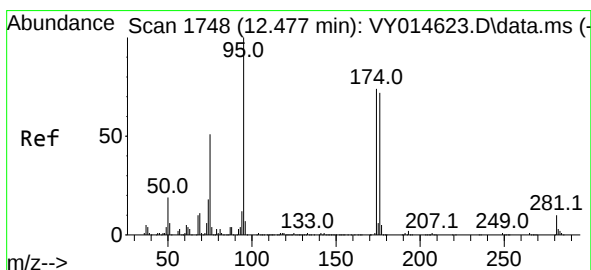
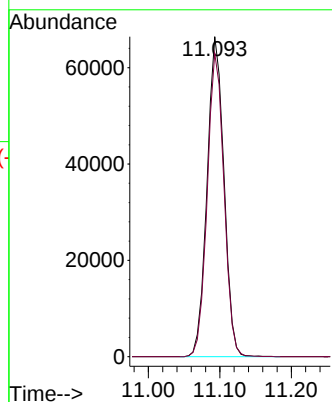
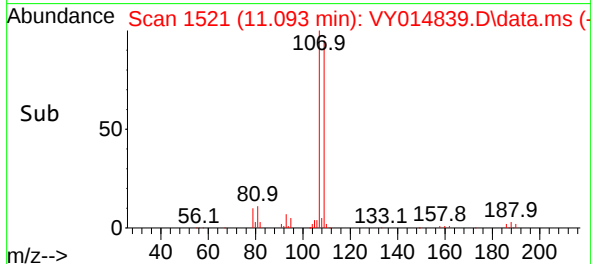
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 10900
Ion Ratio Lower Upper
107 100
109 94.0 75.6 113.4

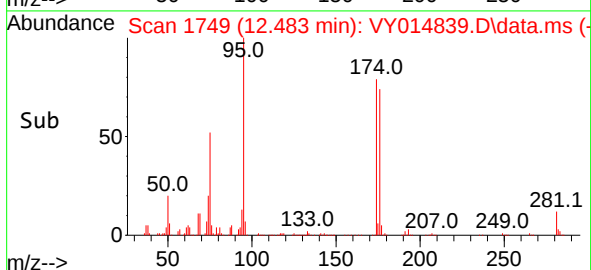
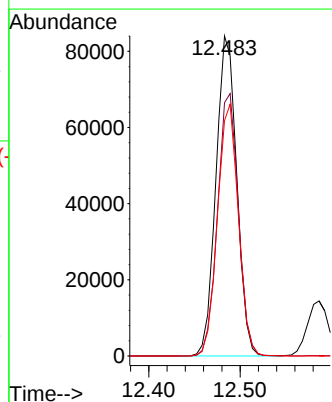
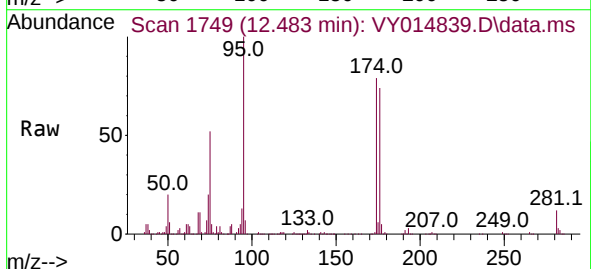
Manual Integrations
APPROVED

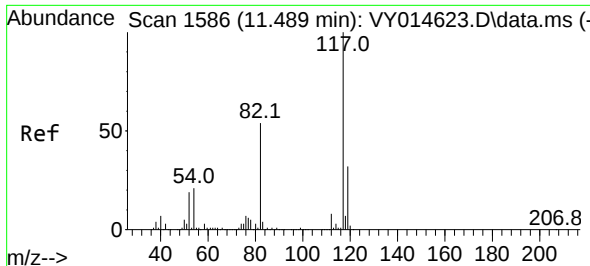
Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#62
4-Bromofluorobenzene
Concen: 44.020 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

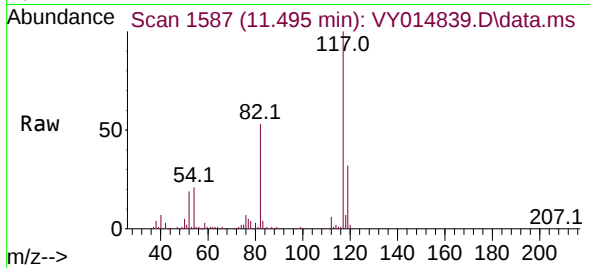
Tgt Ion: 95 Resp: 132620
Ion Ratio Lower Upper
95 100
174 82.5 0.0 178.2
176 78.9 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

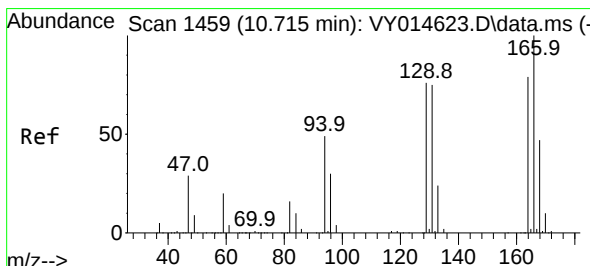
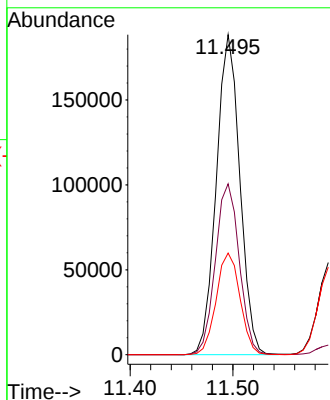
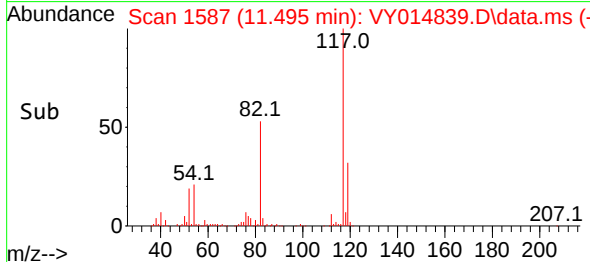
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



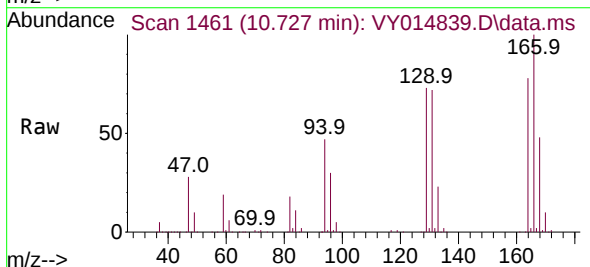
Tgt Ion:117 Resp: 299234
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.0
119 31.8 26.3 39.5

Manual Integrations
APPROVED

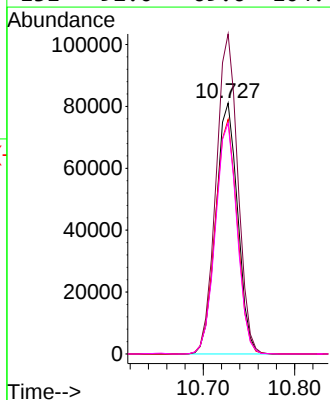
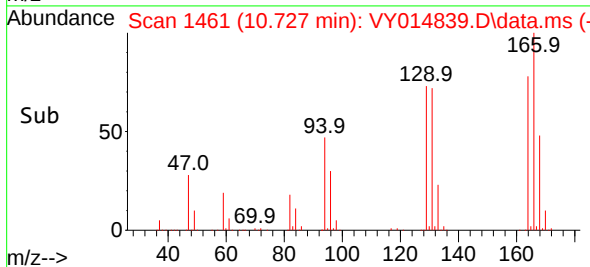
Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023

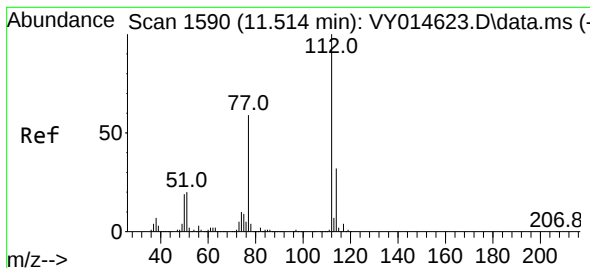


#64
Tetrachloroethene
Concen: 56.074 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.012 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39



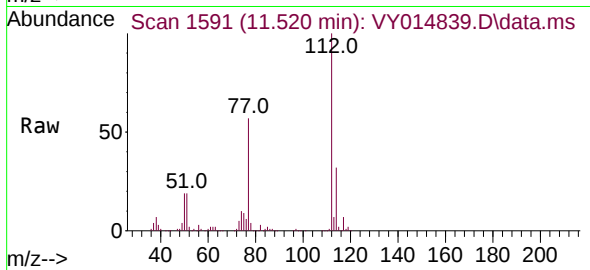
Tgt Ion:164 Resp: 134950
Ion Ratio Lower Upper
164 100
166 127.5 103.0 154.6
129 93.5 77.2 115.8
131 92.0 69.6 104.4





#65
Chlorobenzene
Concen: 51.753 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

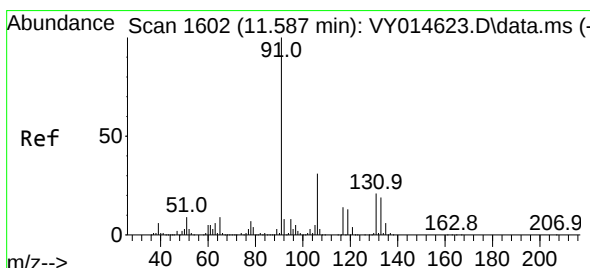
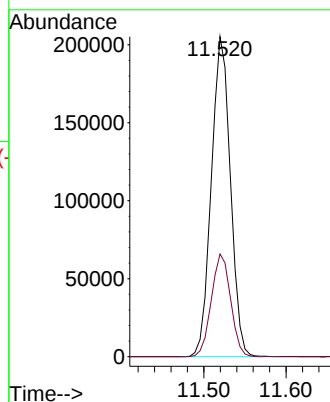
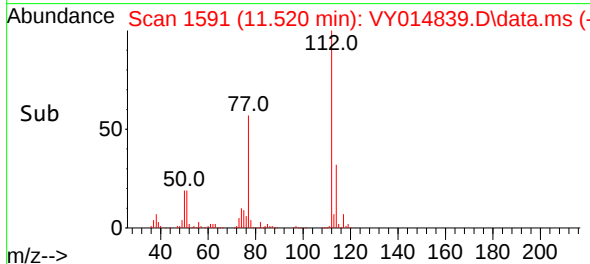
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



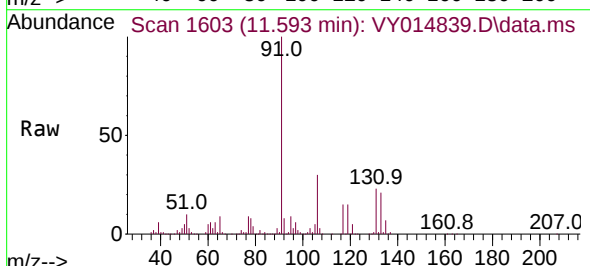
Tgt Ion:112 Resp: 33000
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3

Manual Integrations
APPROVED

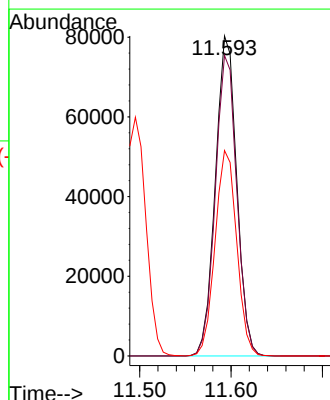
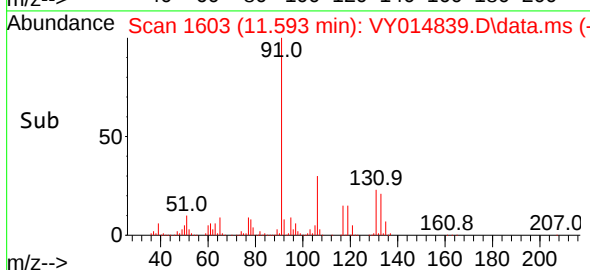
Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023

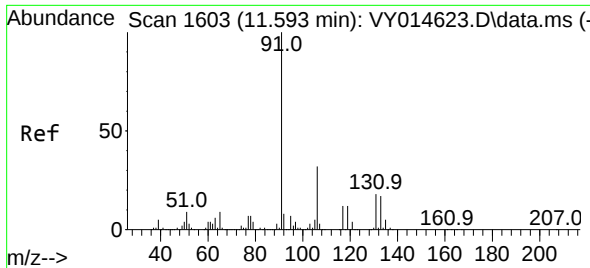


#66
1,1,1,2-Tetrachloroethane
Concen: 54.179 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39



Tgt Ion:131 Resp: 130260
Ion Ratio Lower Upper
131 100
133 94.5 47.5 142.6
119 65.1 31.6 94.7





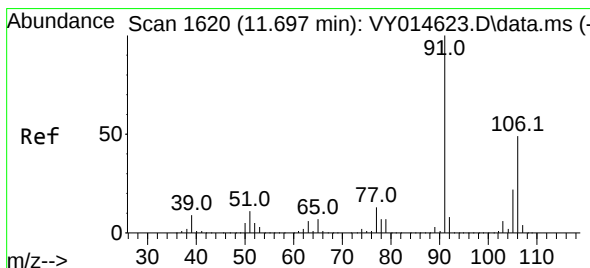
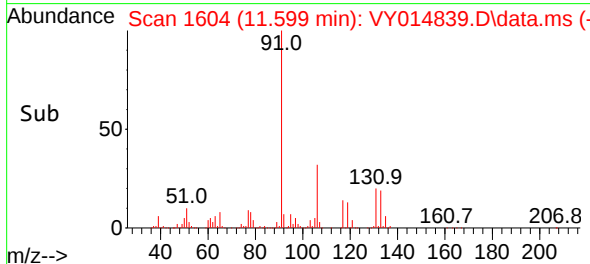
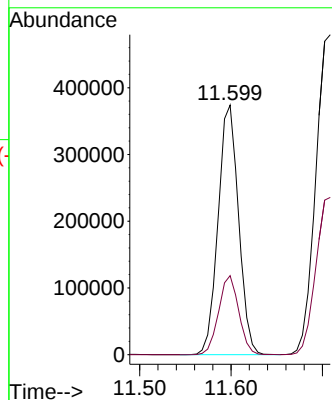
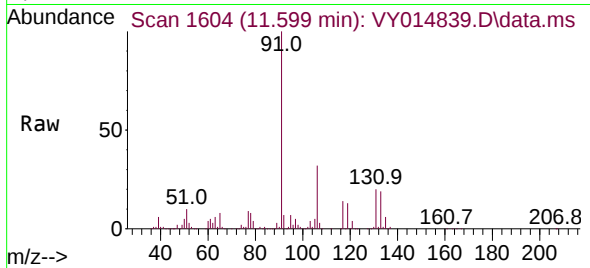
#67
Ethyl Benzene
Concen: 50.583 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 582359
Ion Ratio Lower Upper
91 100
106 31.7 24.6 36.8

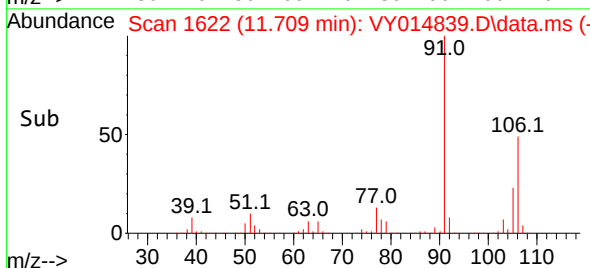
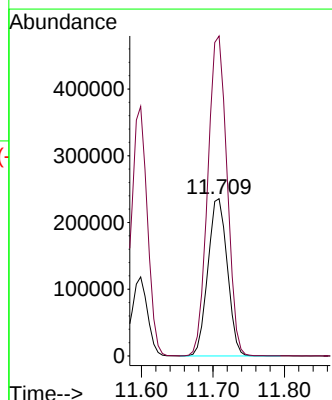
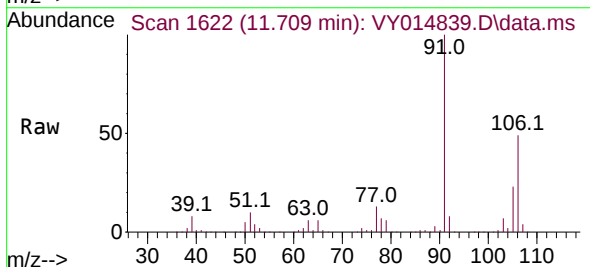
Manual Integrations
APPROVED

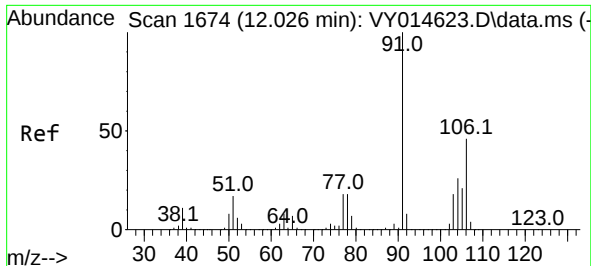
Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#68
m/p-Xylenes
Concen: 101.021 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.012 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

Tgt Ion:106 Resp: 443965
Ion Ratio Lower Upper
106 100
91 201.8 166.1 249.1





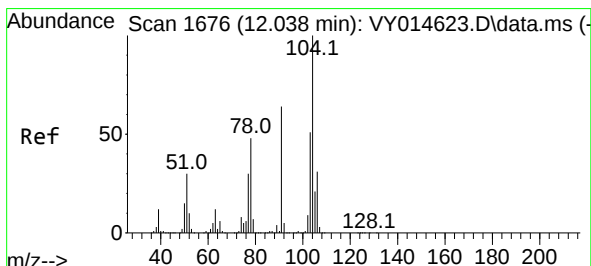
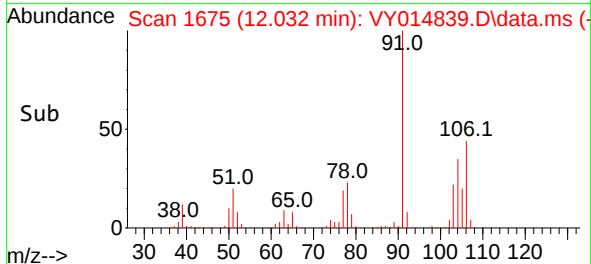
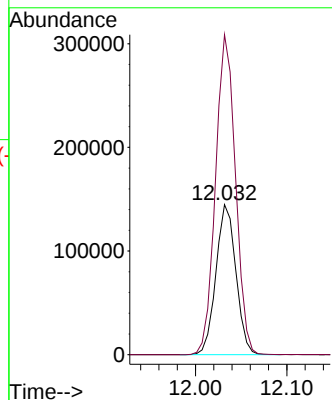
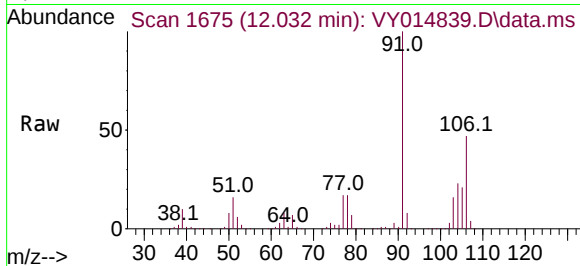
#69
o-Xylene
Concen: 51.332 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 21973
Ion Ratio Lower Upper
106 100
91 213.4 108.1 324.3

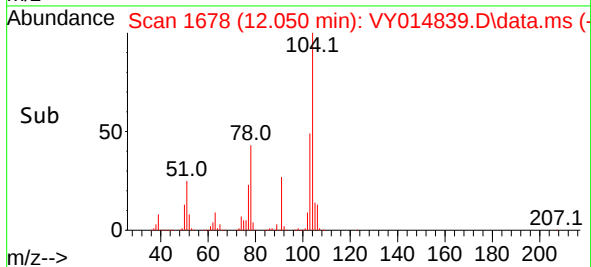
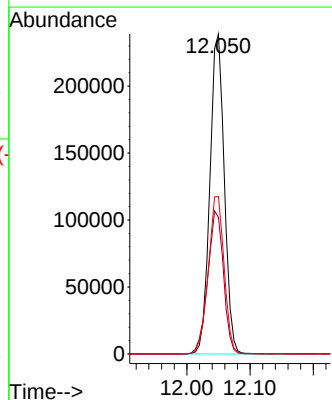
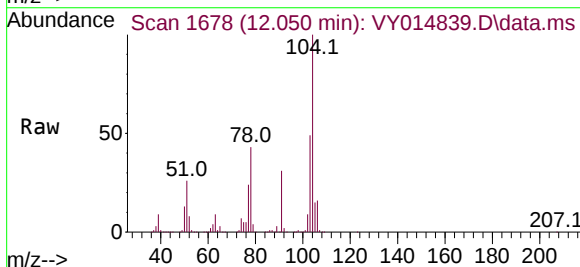
Manual Integrations
APPROVED

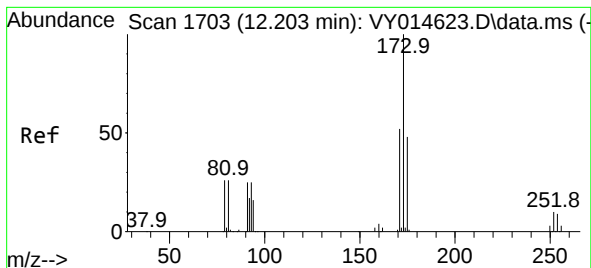
Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#70
Styrene
Concen: 52.509 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.012 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

Tgt Ion:104 Resp: 378833
Ion Ratio Lower Upper
104 100
78 49.0 41.5 62.3
103 54.1 44.6 67.0





#71

Bromoform

Concen: 54.228 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

Instrument :

MSVOA_Y

ClientSampleId :

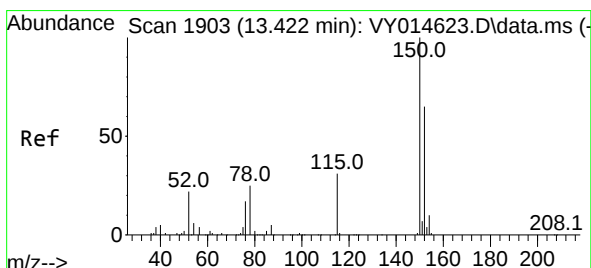
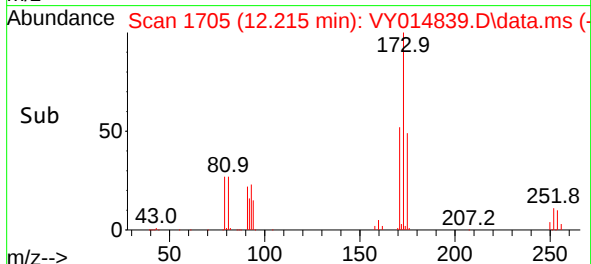
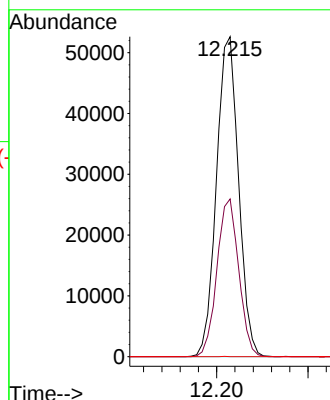
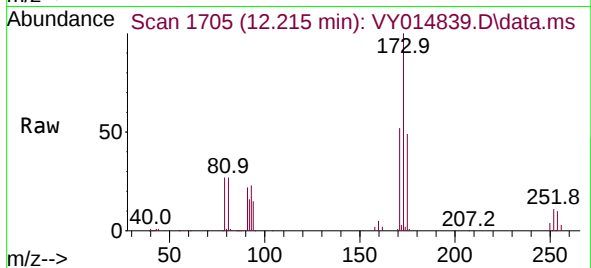
VSTDCCC050EC

Tgt Ion:173 Resp: 88374
 Ion Ratio Lower Upper
 173 100
 175 48.5 24.6 73.8
 254 0.0 0.2 0.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/26/2023
 Supervised By :Semsettin Yesilyurt 07/27/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

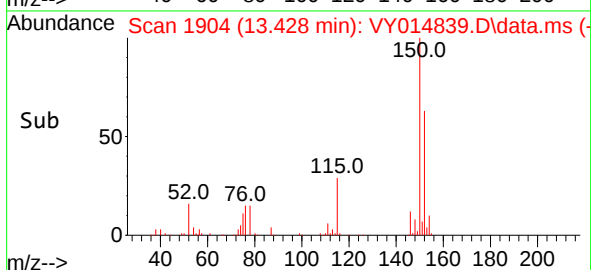
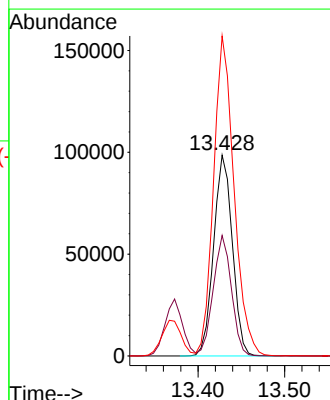
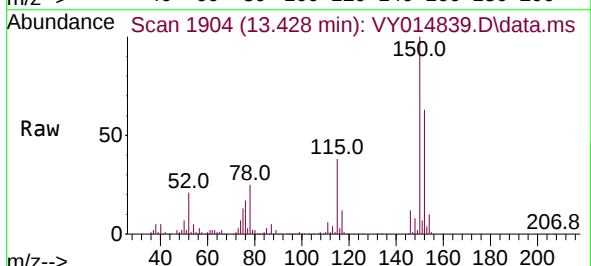
RT: 13.428 min Scan# 1904

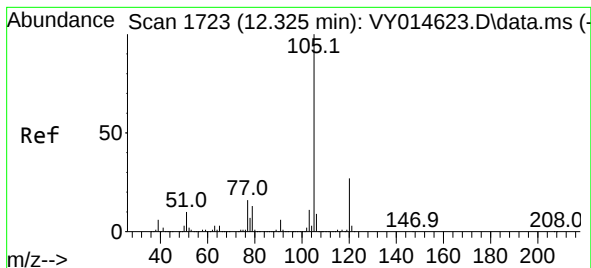
Delta R.T. 0.006 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

Tgt Ion:152 Resp: 148265
 Ion Ratio Lower Upper
 152 100
 115 58.6 28.8 86.5
 150 173.7 0.0 348.8





#73

Isopropylbenzene

Concen: 49.311 ug/l

RT: 12.330 min Scan# 11

Delta R.T. 0.005 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 57246

Ion Ratio Lower Upper

105 100

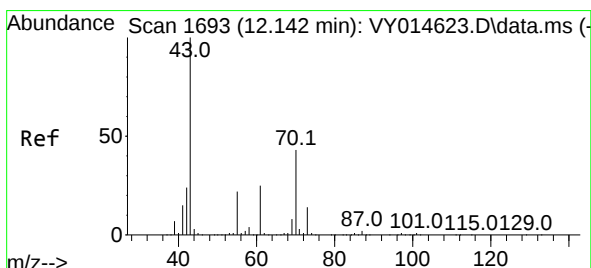
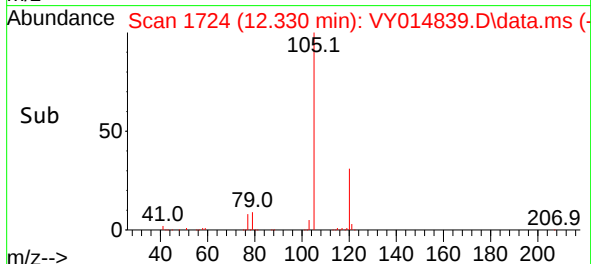
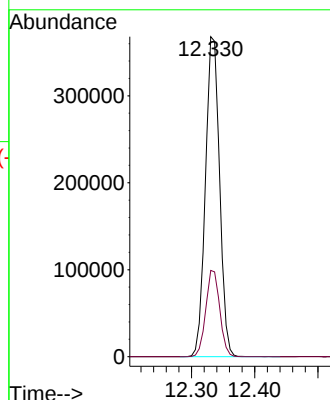
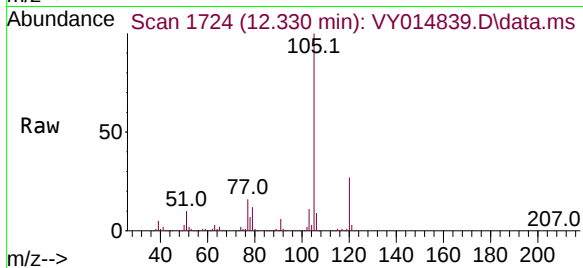
120 26.7 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/26/2023

Supervised By :Semsettin Yesilyurt 07/27/2023



#74

N-ethyl acetate

Concen: 45.055 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

Tgt Ion: 43 Resp: 175180

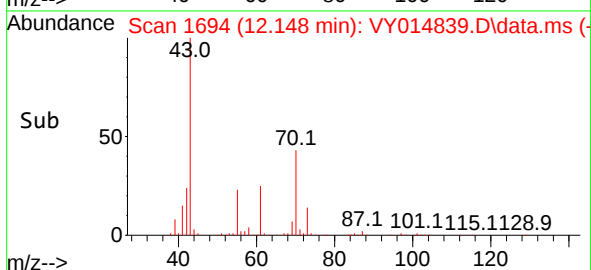
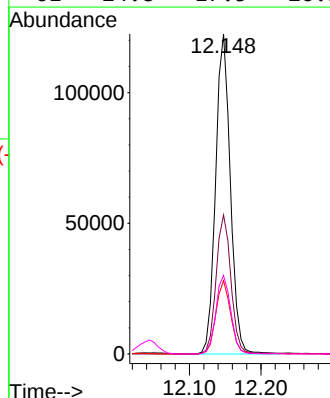
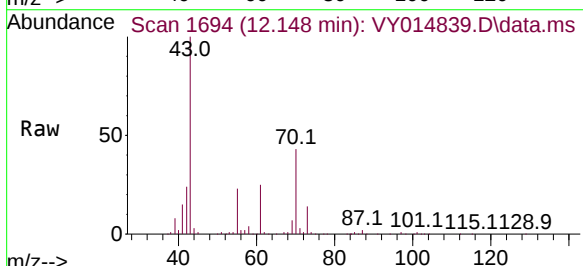
Ion Ratio Lower Upper

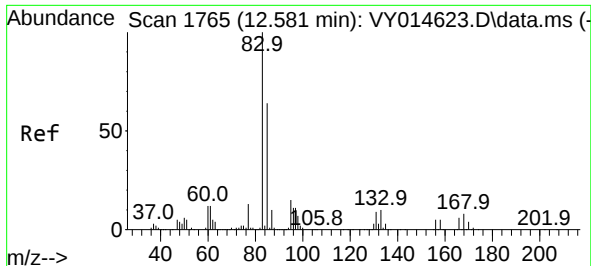
43 100

70 43.8 29.7 44.5

55 23.0 18.3 27.5

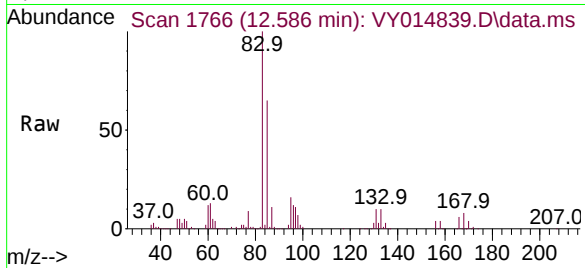
61 24.8 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 53.027 ug/l
RT: 12.586 min Scan# 1766
Delta R.T. 0.005 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

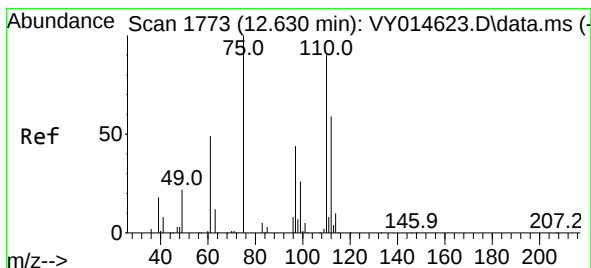
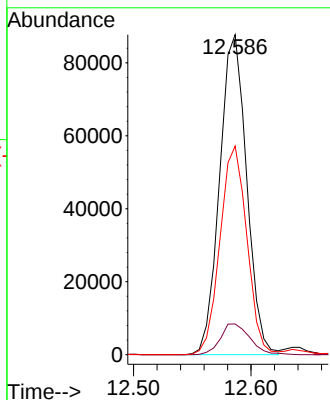
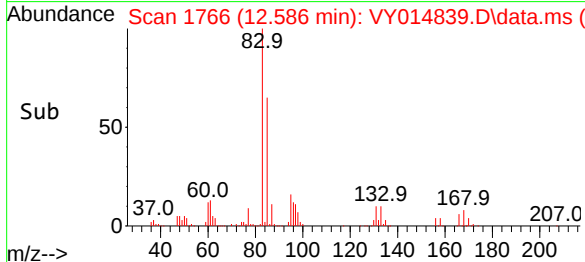
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 140384
Ion Ratio Lower Upper
83 100
131 10.6 5.4 16.2
85 64.7 31.8 95.4

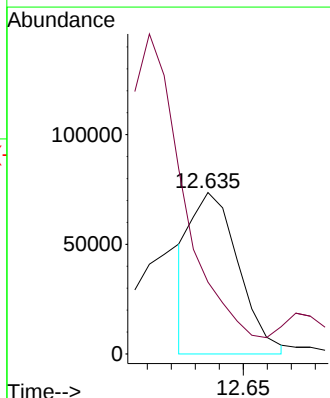
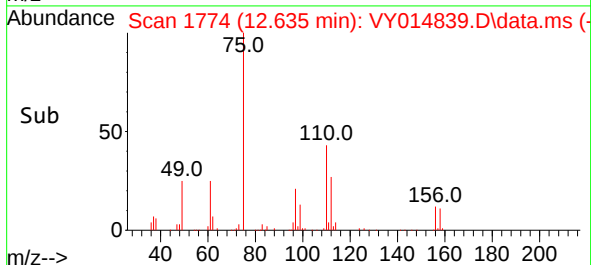
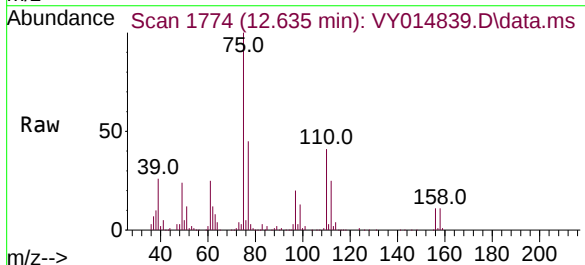
Manual Integrations
APPROVED

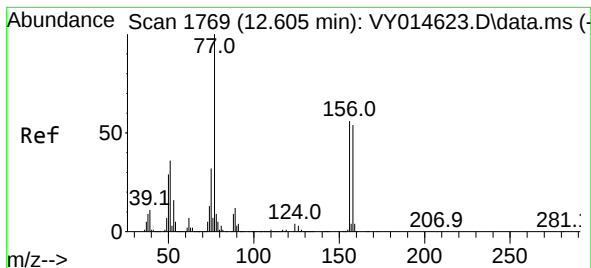
Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#76
1,2,3-Trichloropropane
Concen: 54.257 ug/l m
RT: 12.635 min Scan# 1774
Delta R.T. 0.005 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

Tgt Ion: 75 Resp: 101598
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.518 ug/l

RT: 12.611 min Scan# 1769

Delta R.T. 0.006 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

Instrument :

MSVOA_Y

ClientSampleId :

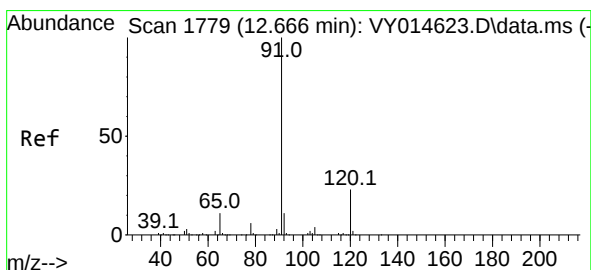
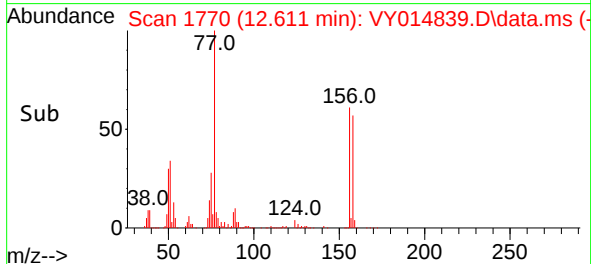
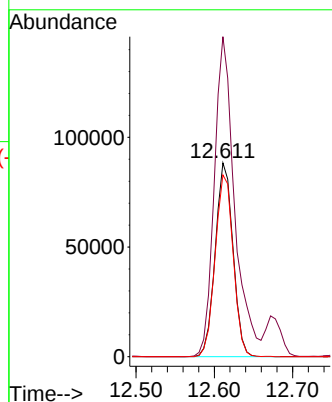
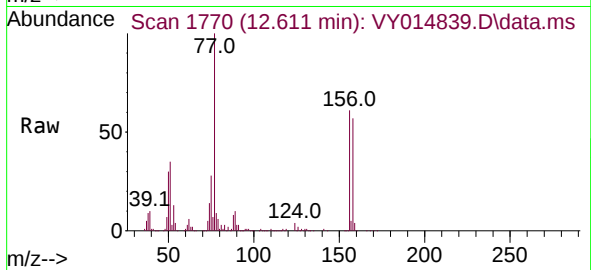
VSTDCCC050EC

Tgt Ion:	156	Resp:	13917
Ion Ratio	Lower	Upper	
156	100		
77	189.2	92.8	278.6
158	95.7	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#78

n-propylbenzene

Concen: 48.469 ug/l

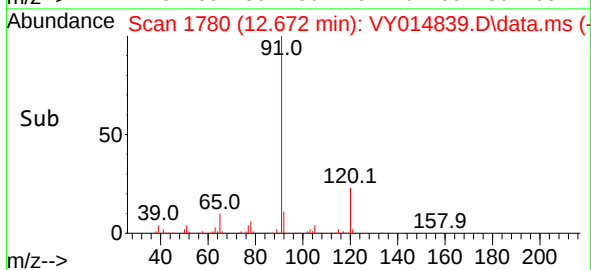
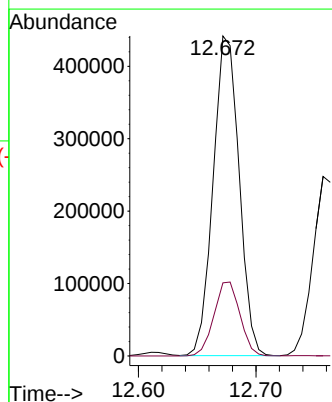
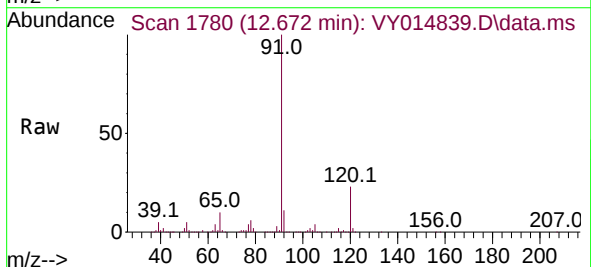
RT: 12.672 min Scan# 1780

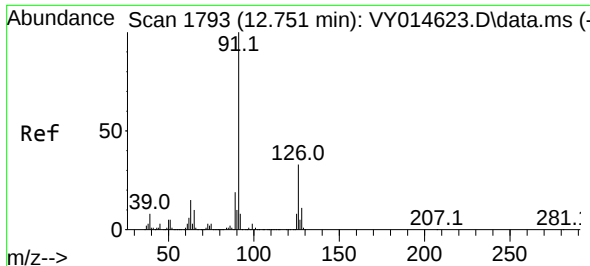
Delta R.T. 0.006 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

Tgt Ion:	91	Resp:	678038
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.5	34.4





#79

2-Chlorotoluene

Concen: 48.817 ug/l

RT: 12.757 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 39334

Ion Ratio Lower Upper

91 100

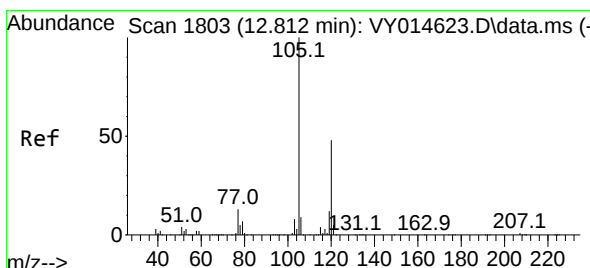
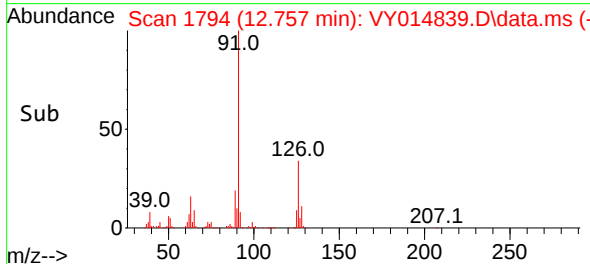
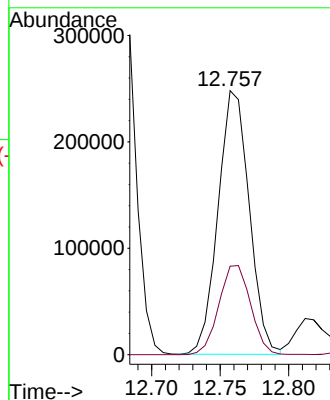
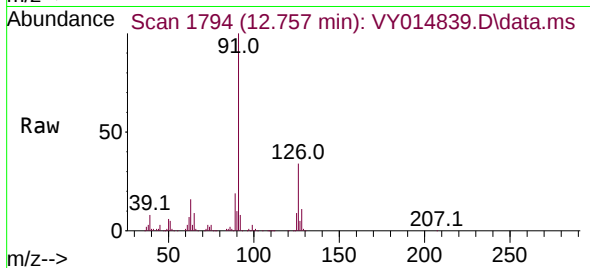
126 34.5 17.3 51.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 07/26/2023

Supervised By :Semsettin Yesilyurt 07/27/2023



#80

1,3,5-Trimethylbenzene

Concen: 48.950 ug/l

RT: 12.818 min Scan# 1804

Delta R.T. 0.006 min

Lab File: VY014839.D

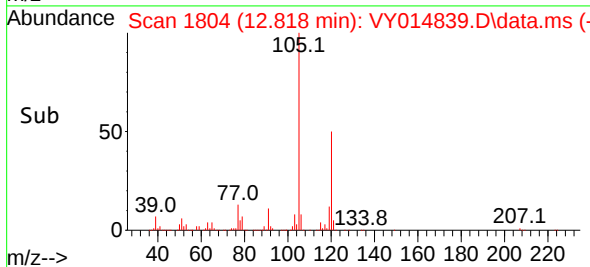
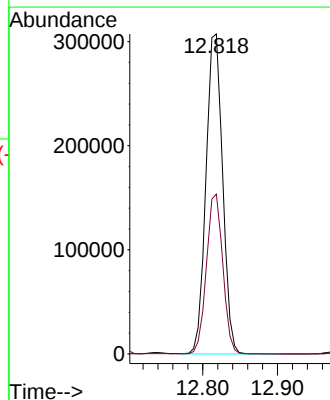
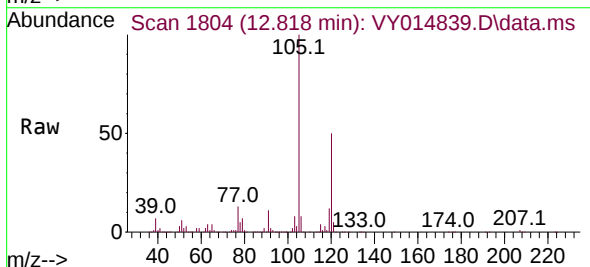
Acq: 26 Jul 2023 06:39

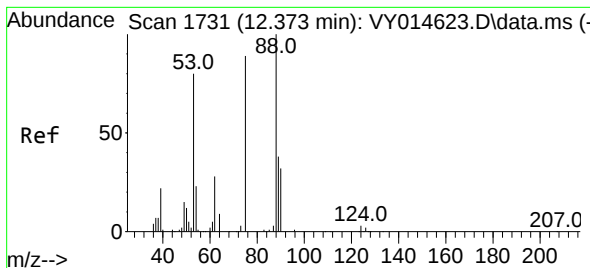
Tgt Ion:105 Resp: 474587

Ion Ratio Lower Upper

105 100

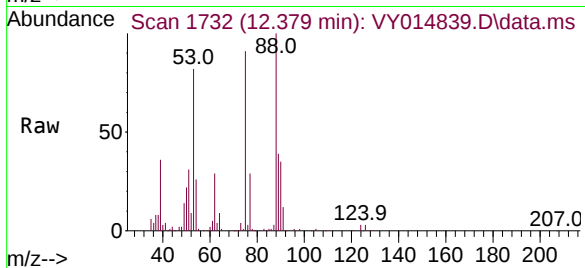
120 49.3 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 38.371 ug/l
RT: 12.379 min Scan# 1731
Delta R.T. 0.006 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

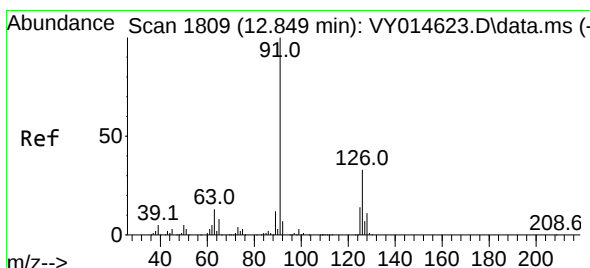
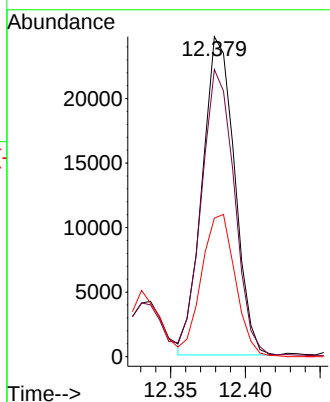
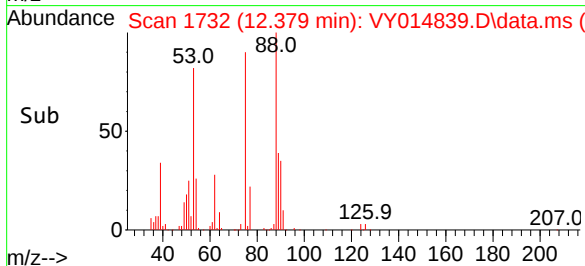
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



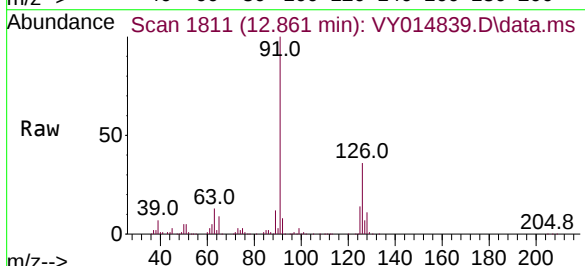
Tgt Ion: 75 Resp: 37110
Ion Ratio Lower Upper
75 100
53 92.9 77.8 116.8
89 46.8 37.4 56.0

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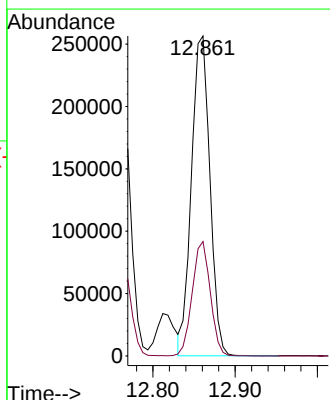
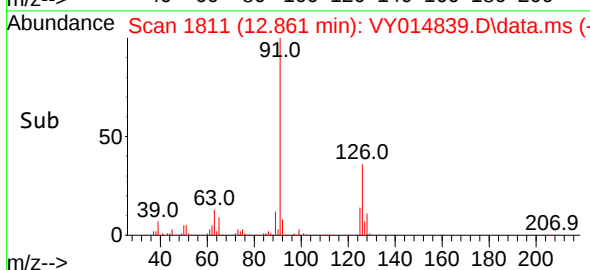
Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023

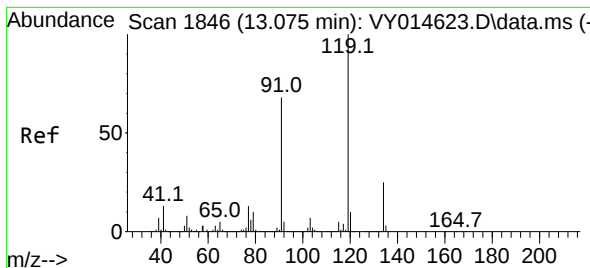


#82
4-Chlorotoluene
Concen: 48.151 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.012 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39



Tgt Ion: 91 Resp: 399575
Ion Ratio Lower Upper
91 100
126 35.1 17.2 51.6





#83

tert-Butylbenzene

Concen: 48.889 ug/l

RT: 13.080 min Scan# 1846

Delta R.T. 0.005 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

Instrument :

MSVOA_Y

ClientSampleId :

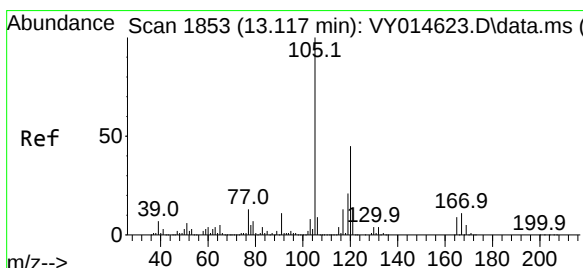
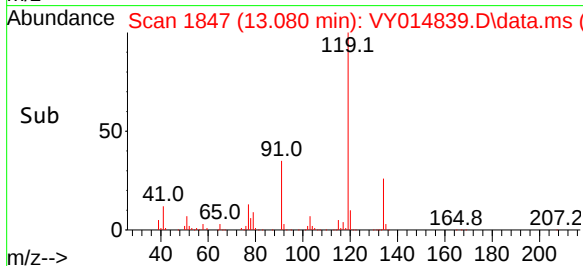
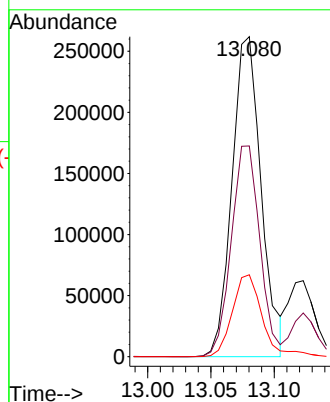
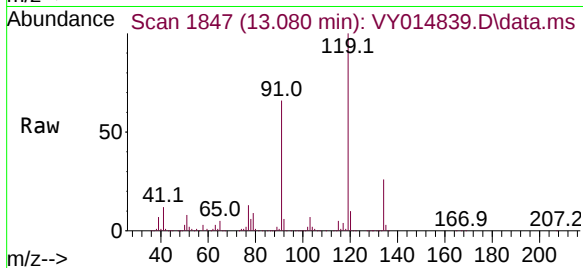
VSTDCCC050EC

Tgt Ion:	119	Resp:	42046
Ion Ratio	Lower	Upper	
119	100		
91	64.7	32.9	98.6
134	26.3	13.0	38.9

Manual Integrations

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Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#84

1,2,4-Trimethylbenzene

Concen: 49.531 ug/l

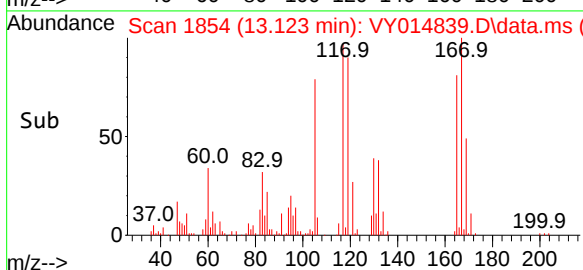
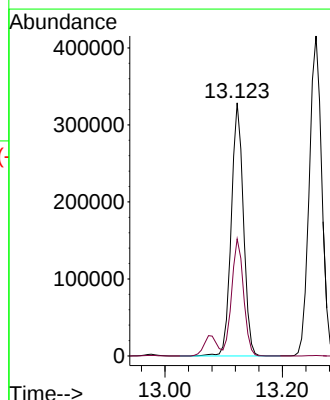
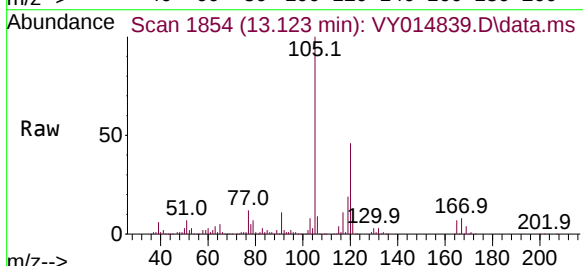
RT: 13.123 min Scan# 1854

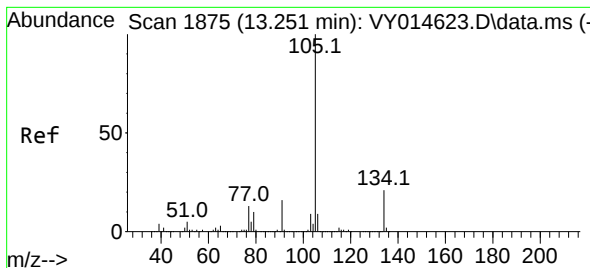
Delta R.T. 0.006 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

Tgt Ion:	105	Resp:	471281
Ion Ratio	Lower	Upper	
105	100		
120	45.2	22.2	66.6





#85

sec-Butylbenzene

Concen: 48.560 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 61264

Ion Ratio Lower Upper

105 100

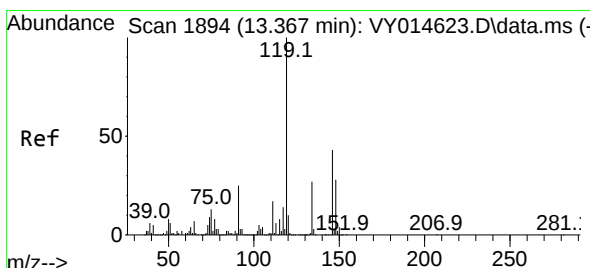
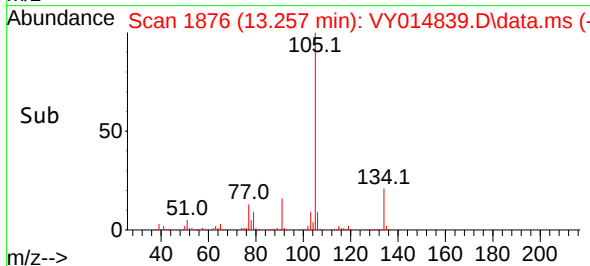
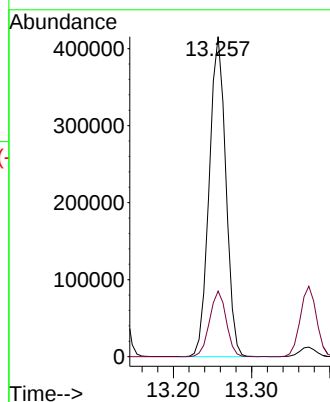
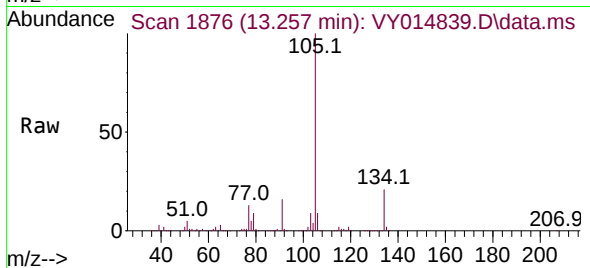
134 20.5 10.2 30.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 07/26/2023

Supervised By :Semsettin Yesilyurt 07/27/2023



#86

p-Isopropyltoluene

Concen: 48.826 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

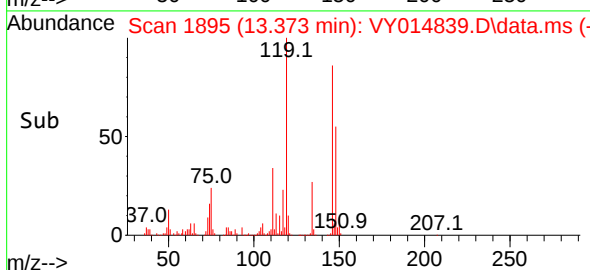
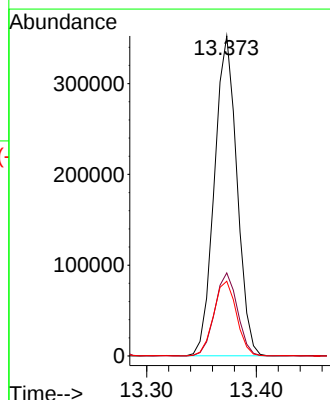
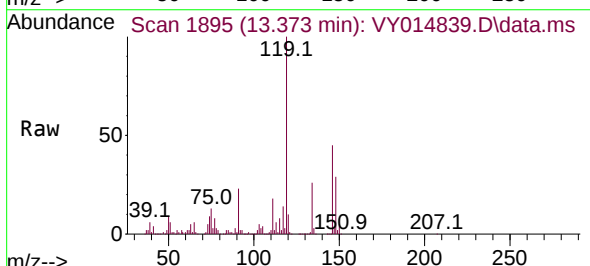
Tgt Ion:119 Resp: 502944

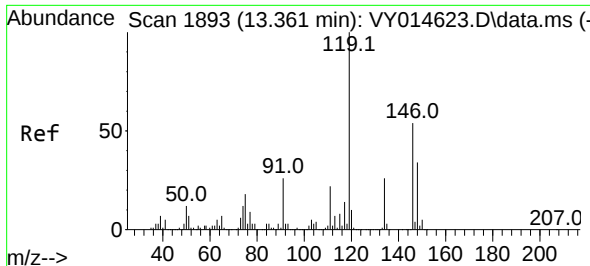
Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.8

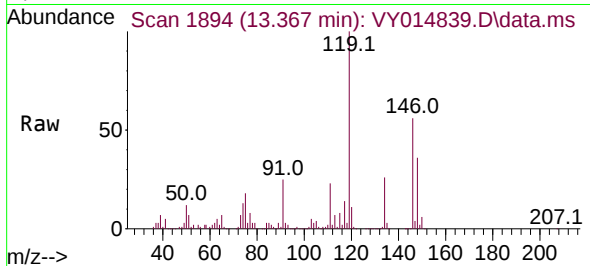
91 23.7 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 51.216 ug/l
RT: 13.367 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

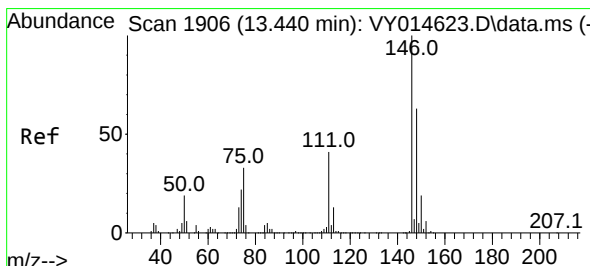
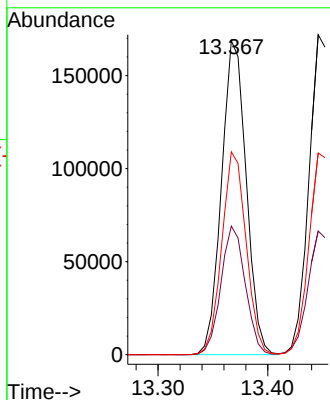
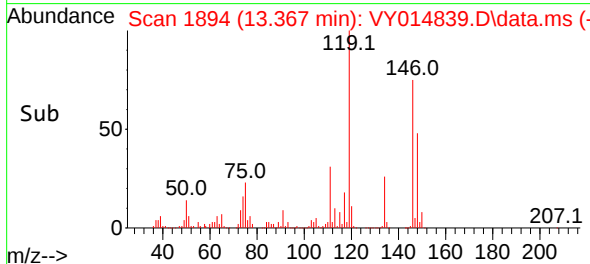
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



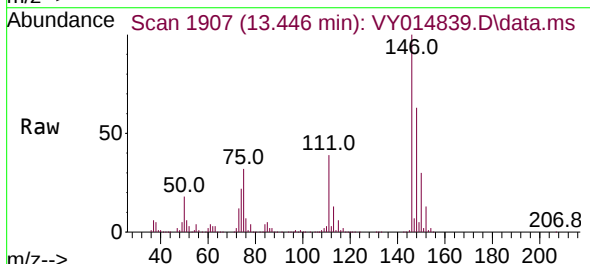
Tgt Ion:146 Resp: 264152
Ion Ratio Lower Upper
146 100
111 40.5 19.4 58.2
148 63.6 31.9 95.5

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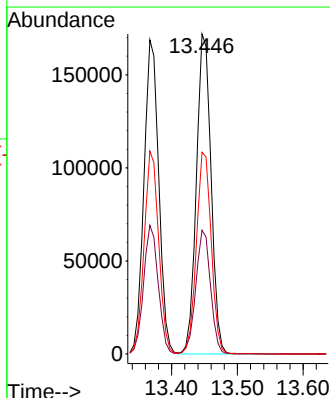
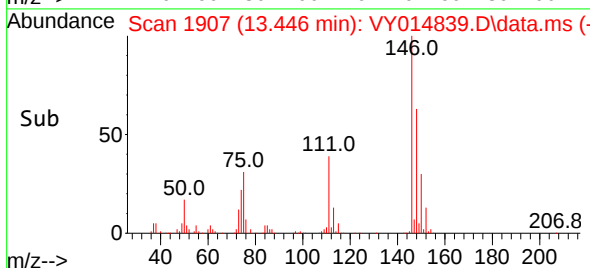
Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023

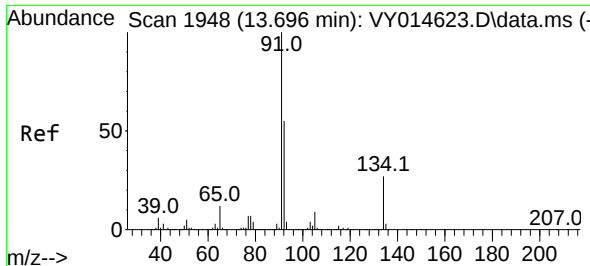


#88
1,4-Dichlorobenzene
Concen: 51.577 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39



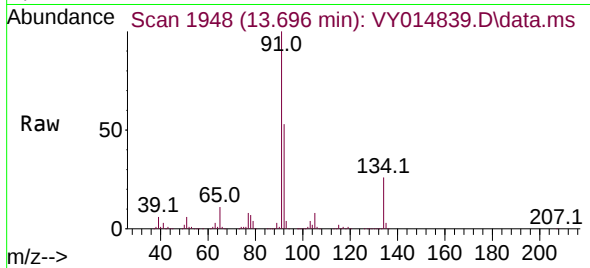
Tgt Ion:146 Resp: 266568
Ion Ratio Lower Upper
146 100
111 38.8 18.9 56.7
148 63.9 32.1 96.5





#89
n-Butylbenzene
Concen: 46.224 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

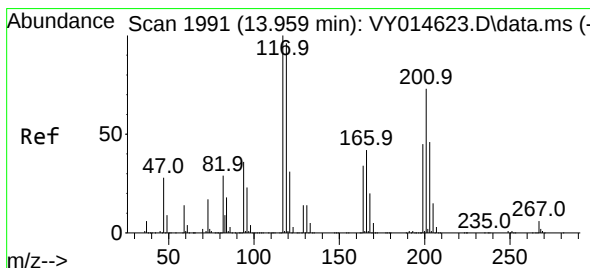
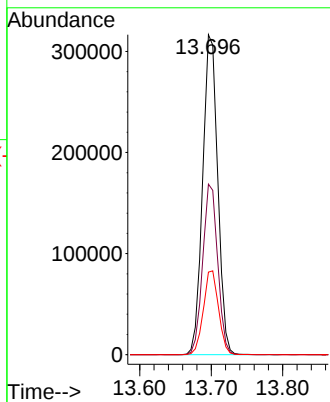
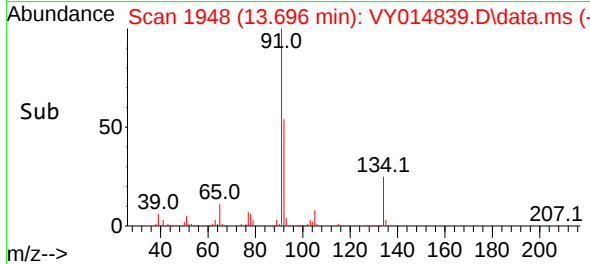
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 463240
Ion Ratio Lower Upper
91 100
92 53.1 25.4 76.0
134 26.4 12.6 37.6

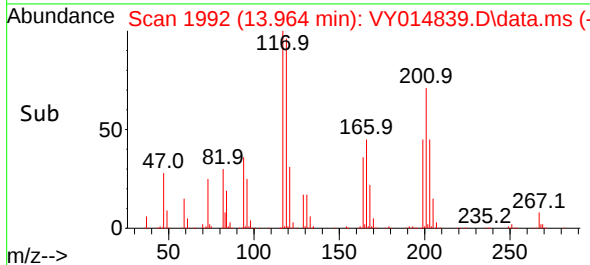
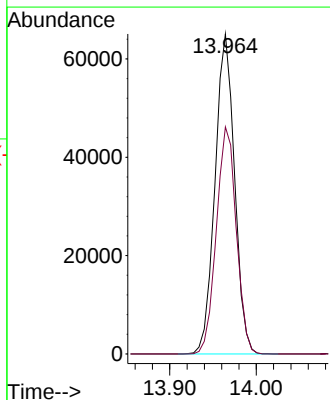
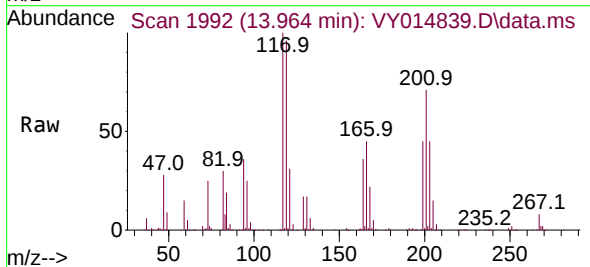
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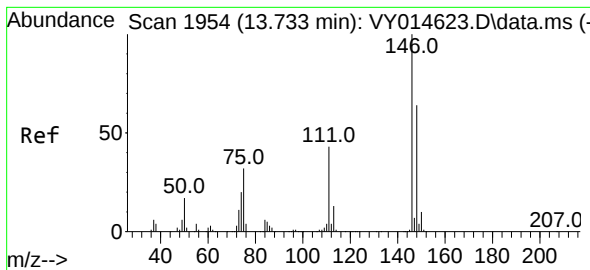
Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#90
Hexachloroethane
Concen: 48.183 ug/l
RT: 13.964 min Scan# 1992
Delta R.T. 0.005 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

Tgt Ion:117 Resp: 101944
Ion Ratio Lower Upper
117 100
201 72.5 41.6 124.8





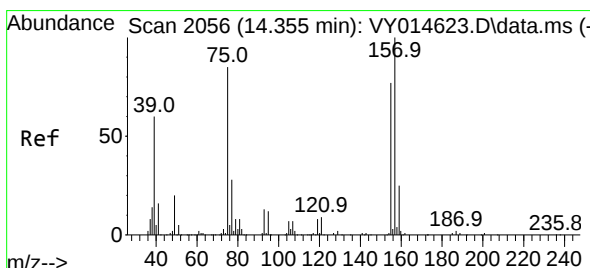
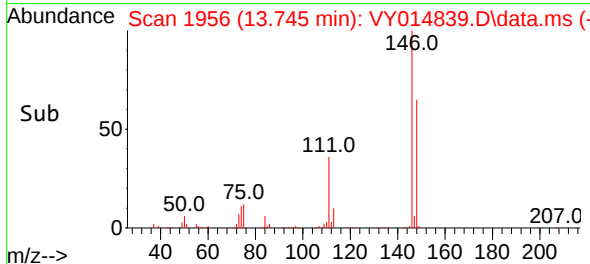
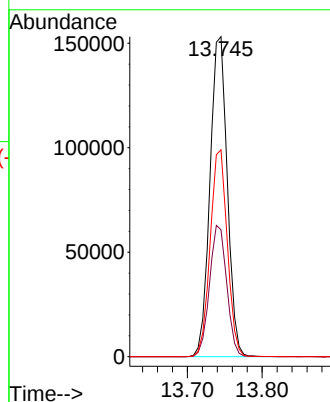
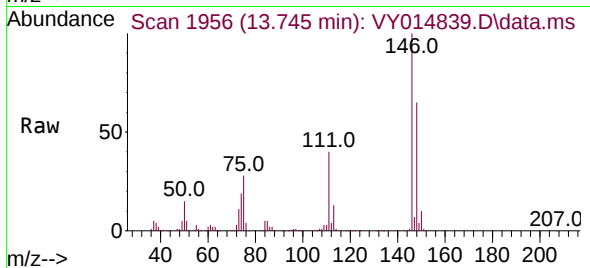
#91
1,2-Dichlorobenzene
Concen: 52.153 ug/l
RT: 13.745 min Scan# 1954
Delta R.T. 0.012 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 246439
Ion Ratio Lower Upper
146 100
111 40.9 19.7 59.0
148 64.2 32.0 96.2

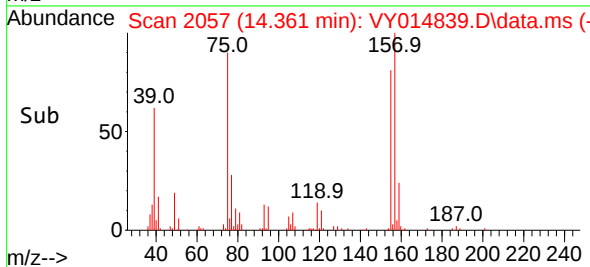
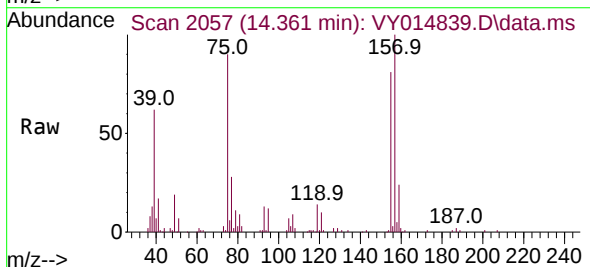
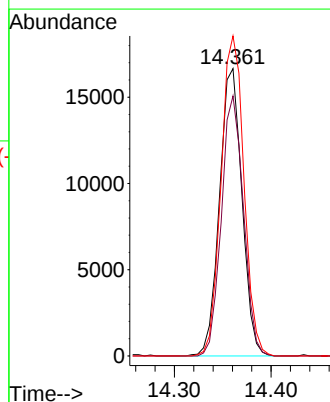
Manual Integrations
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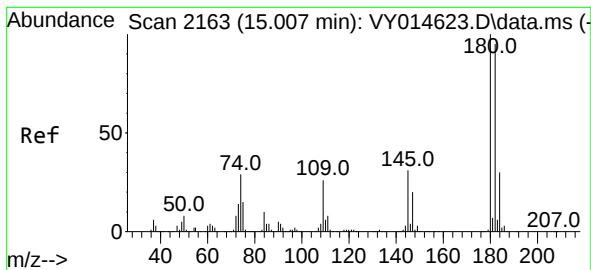
Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.946 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

Tgt Ion: 75 Resp: 26806
Ion Ratio Lower Upper
75 100
155 88.5 41.5 124.6
157 113.1 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 49.076 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 147208

Ion Ratio Lower Upper

180 100

182 95.7 47.0 141.2

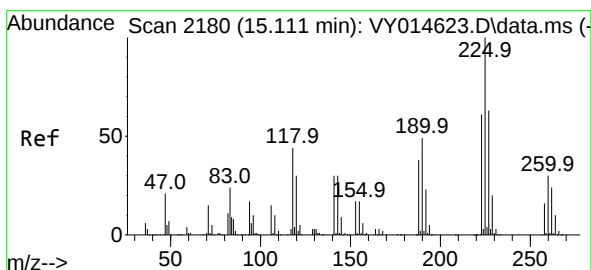
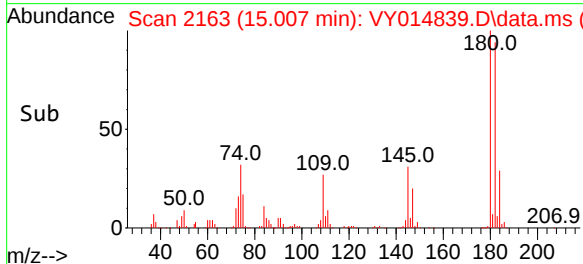
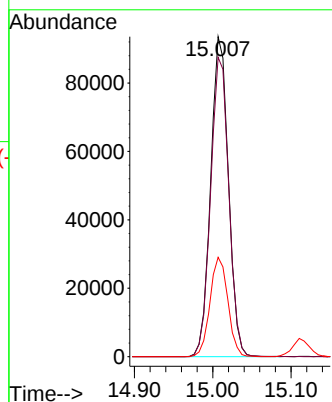
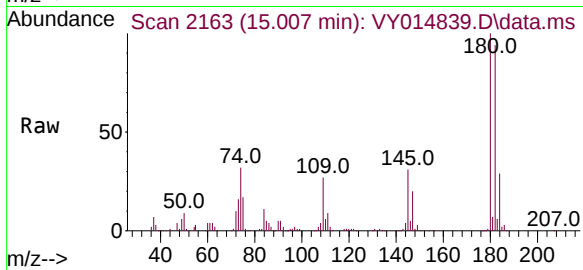
145 31.3 14.5 43.5

Manual Integrations

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Reviewed By :Mahesh Dadoda 07/26/2023

Supervised By :Semsettin Yesilyurt 07/27/2023



#94

Hexachlorobutadiene

Concen: 45.453 ug/l

RT: 15.110 min Scan# 2180

Delta R.T. -0.001 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

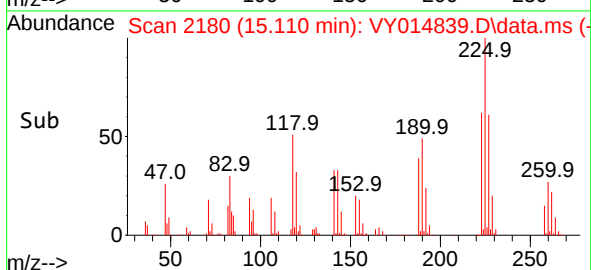
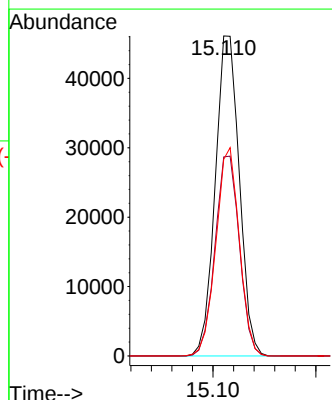
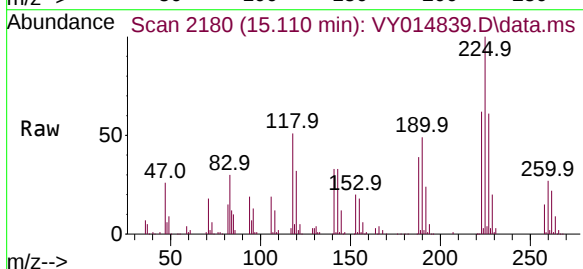
Tgt Ion:225 Resp: 74925

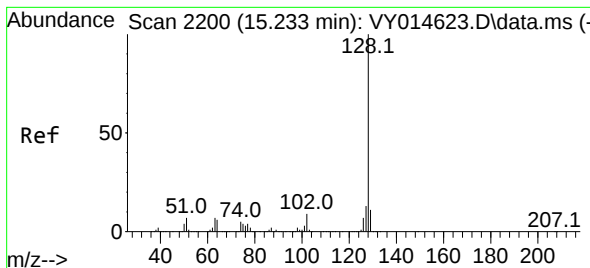
Ion Ratio Lower Upper

225 100

223 63.1 31.9 95.9

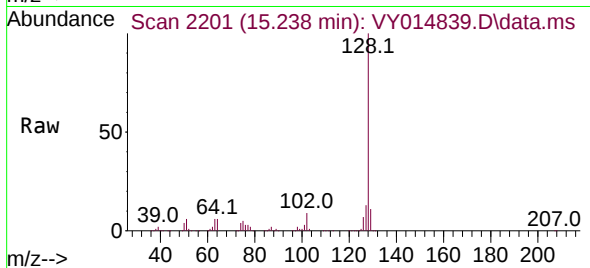
227 63.3 33.0 98.9





#95
Naphthalene
Concen: 54.277 ug/l
RT: 15.238 min Scan# 2111
Delta R.T. 0.005 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

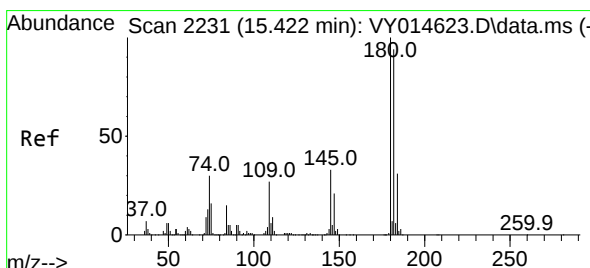
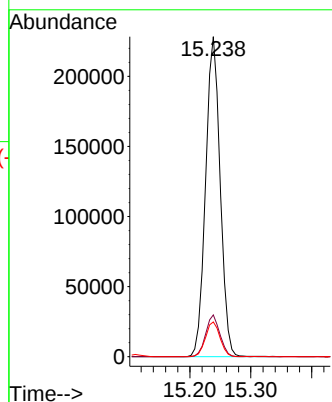
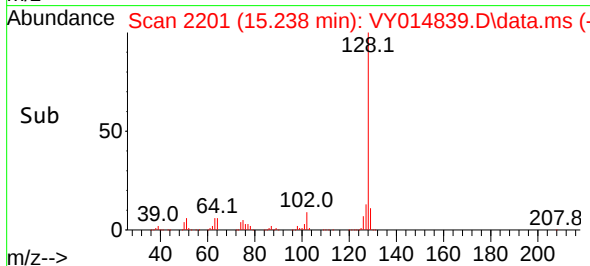
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



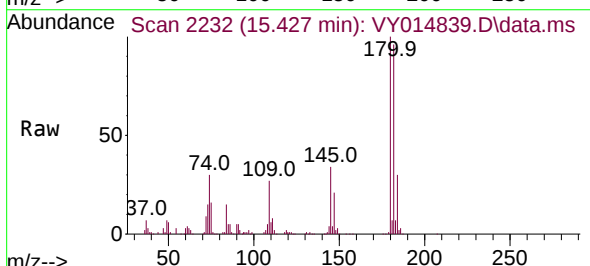
Tgt Ion:128 Resp: 379309
Ion Ratio Lower Upper
128 100
127 12.7 10.8 16.2
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#96
1,2,3-Trichlorobenzene
Concen: 51.107 ug/l
RT: 15.427 min Scan# 2232
Delta R.T. 0.005 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39



Tgt Ion:180 Resp: 136244
Ion Ratio Lower Upper
180 100
182 93.7 47.3 141.8
145 32.8 15.4 46.2

