

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091923\
 Data File : VY015640.D
 Acq On : 19 Sep 2023 12:49
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023
 Supervised By :Semsettin Yesilyurt 09/20/2023

Quant Time: Sep 19 14:03:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 14:01:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	163878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	278190	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	255562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	130762	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	82139	45.554	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.100%		
35) Dibromofluoromethane	7.716	113	78447	47.114	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.220%		
50) Toluene-d8	10.179	98	252104	44.655	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	89.300%		
62) 4-Bromofluorobenzene	12.483	95	101566	45.843	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	91.680%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	58745	54.382	ug/l	100
3) Chloromethane	2.107	50	73841	54.184	ug/l	98
4) Vinyl Chloride	2.247	62	84794	54.419	ug/l	95
5) Bromomethane	2.643	94	66740	50.447	ug/l	94
6) Chloroethane	2.790	64	62175	53.835	ug/l	100
7) Trichlorofluoromethane	3.119	101	135960	52.030	ug/l	100
8) Diethyl Ether	3.527	74	58601	52.587	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.893	101	85608	52.323	ug/l	95
10) Methyl Iodide	4.088	142	99780	51.760	ug/l	98
11) Tert butyl alcohol	4.972	59	87482	233.803	ug/l #	80
12) 1,1-Dichloroethene	3.869	96	75450	52.333	ug/l	95
13) Acrolein	3.729	56	69638	252.180	ug/l	100
14) Allyl chloride	4.472	41	139789	53.030	ug/l	94
15) Acrylonitrile	5.161	53	205625	251.536	ug/l	98
16) Acetone	3.948	43	232937	241.399	ug/l	91
17) Carbon Disulfide	4.192	76	156185	55.764	ug/l	100
18) Methyl Acetate	4.478	43	165037	50.975	ug/l	94
19) Methyl tert-butyl Ether	5.222	73	307840	52.425	ug/l	98
20) Methylene Chloride	4.716	84	107644	51.038	ug/l	94
21) trans-1,2-Dichloroethene	5.216	96	89393	54.246	ug/l	97
22) Diisopropyl ether	6.118	45	340074	53.607	ug/l	93
23) Vinyl Acetate	6.057	43	1032297	263.634	ug/l	96
24) 1,1-Dichloroethane	6.015	63	181909	52.608	ug/l	98
25) 2-Butanone	6.990	43	323341	237.068	ug/l	98
26) 2,2-Dichloropropane	6.978	77	153843	48.678	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	115814	52.938	ug/l	94
28) Bromochloromethane	7.332	49	47997	51.163	ug/l	100
29) Tetrahydrofuran	7.350	42	193151	250.552	ug/l	94
30) Chloroform	7.508	83	191558	51.731	ug/l	94
31) Cyclohexane	7.789	56	126540	50.660	ug/l	94
32) 1,1,1-Trichloroethane	7.703	97	160427	52.480	ug/l	99
36) 1,1-Dichloropropene	7.917	75	127534	51.802	ug/l	99
37) Ethyl Acetate	7.076	43	121958	49.664	ug/l	96
38) Carbon Tetrachloride	7.899	117	139002	52.015	ug/l	98
39) Methylcyclohexane	9.185	83	143370	52.651	ug/l	94
40) Benzene	8.161	78	394679	52.569	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	58751m	45.630	ug/l	
42) 1,2-Dichloroethane	8.240	62	132771	51.636	ug/l	94
43) Isopropyl Acetate	8.270	43	212482	50.654	ug/l	98
44) Trichloroethene	8.941	130	109410	52.176	ug/l	98
45) 1,2-Dichloropropane	9.215	63	110164	52.617	ug/l	98
46) Dibromomethane	9.307	93	69767	52.093	ug/l	94
47) Bromodichloromethane	9.496	83	155686	52.153	ug/l	98
48) Methyl methacrylate	9.295	41	94381	51.260	ug/l	90
49) 1,4-Dioxane	9.301	88	25783	974.470	ug/l #	48
51) 4-Methyl-2-Pentanone	10.069	43	656025	252.320	ug/l	94
52) Toluene	10.246	92	256045	52.900	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	168826	52.738	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	180237	52.305	ug/l	91
55) 1,1,2-Trichloroethane	10.648	97	100831	51.374	ug/l	95
56) Ethyl methacrylate	10.508	69	153516	53.076	ug/l #	88
57) 1,3-Dichloropropane	10.788	76	170708	51.866	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	221084	240.638	ug/l	97
59) 2-Hexanone	10.831	43	497336	249.325	ug/l	91
60) Dibromochloromethane	10.983	129	118888	51.891	ug/l	99
61) 1,2-Dibromoethane	11.087	107	97320	50.685	ug/l	100
64) Tetrachloroethene	10.721	164	113755	51.880	ug/l	96
65) Chlorobenzene	11.514	112	286171	51.299	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	113188	52.235	ug/l	99
67) Ethyl Benzene	11.593	91	512325	52.544	ug/l	99
68) m/p-Xylenes	11.703	106	389663	105.144	ug/l	97
69) o-Xylene	12.032	106	192180	52.884	ug/l	99
70) Styrene	12.044	104	332987	53.532	ug/l	97
71) Bromoform	12.209	173	82185	52.339	ug/l #	98
73) Isopropylbenzene	12.331	105	505463	51.529	ug/l	100
74) N-amyl acetate	12.142	43	192725	52.274	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	135503	49.634	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	108206m	49.408	ug/l	
77) Bromobenzene	12.611	156	122935	51.055	ug/l	94
78) n-propylbenzene	12.672	91	624440	52.399	ug/l	100
79) 2-Chlorotoluene	12.757	91	354885	52.243	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	428207	52.143	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	47620	51.405	ug/l	93
82) 4-Chlorotoluene	12.855	91	370806	52.290	ug/l	100
83) tert-Butylbenzene	13.074	119	374991	52.136	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	433067	52.705	ug/l	99
85) sec-Butylbenzene	13.251	105	565148	52.505	ug/l	100
86) p-Isopropyltoluene	13.367	119	474100	52.729	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	247528	51.817	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	246217	51.536	ug/l	99
89) n-Butylbenzene	13.696	91	447489	52.559	ug/l	97
90) Hexachloroethane	13.965	117	90359	52.072	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	228487	51.815	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	26282	48.472	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	145304	52.341	ug/l	98
94) Hexachlorobutadiene	15.111	225	75136	52.851	ug/l	98
95) Naphthalene	15.233	128	381282	52.672	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	133821	52.227	ug/l	99

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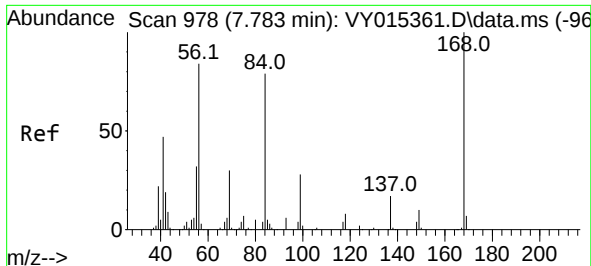
Manual Integrations
APPROVED

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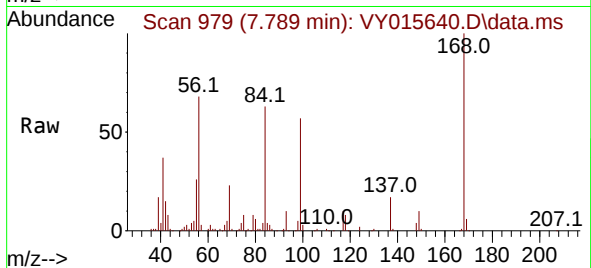
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
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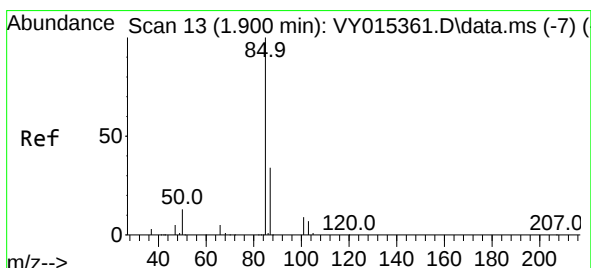
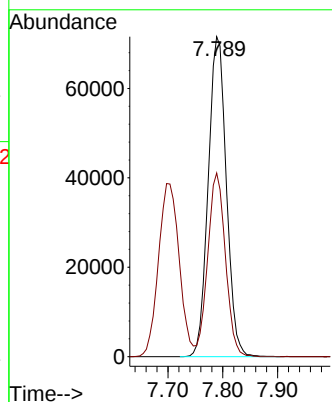
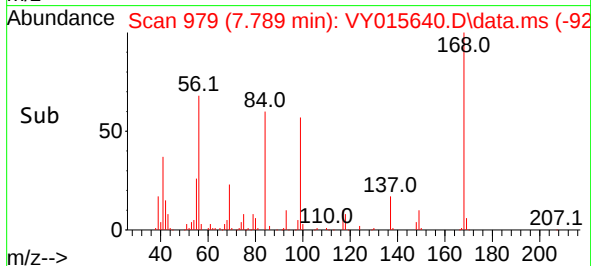
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 163878
Ion Ratio Lower Upper
168 100
99 57.4 43.4 65.0

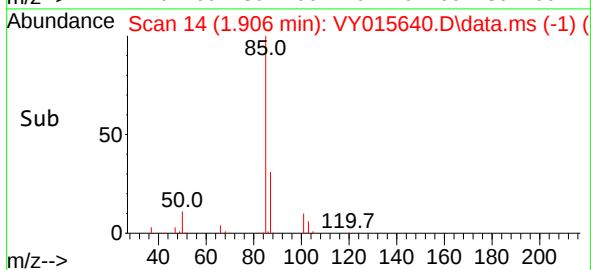
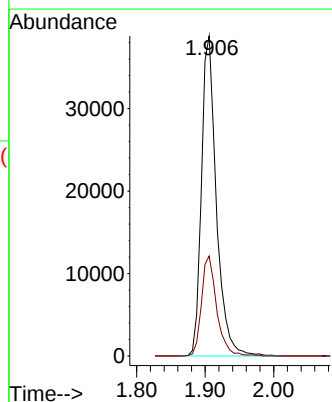
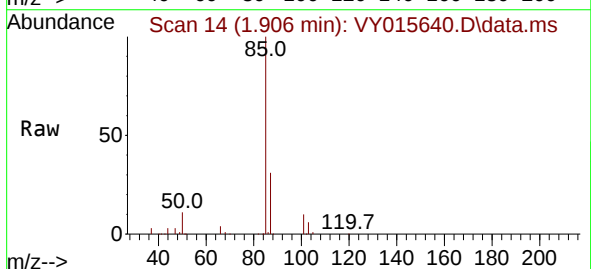
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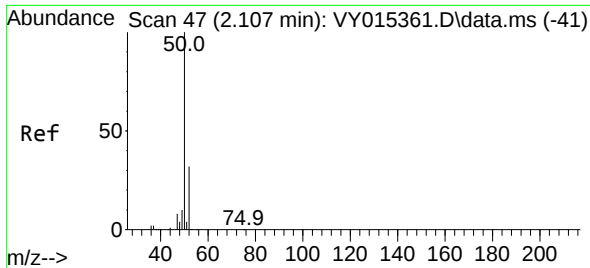
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#2
Dichlorodifluoromethane
Concen: 54.382 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49

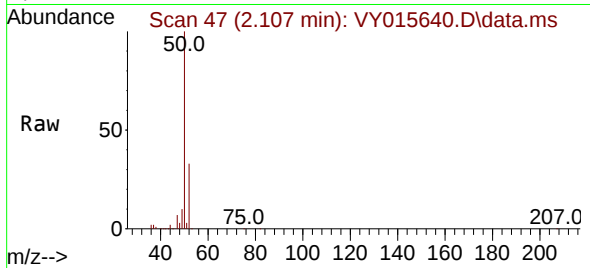
Tgt Ion: 85 Resp: 58745
Ion Ratio Lower Upper
85 100
87 31.3 15.6 46.8





#3
Chloromethane
Concen: 54.184 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49

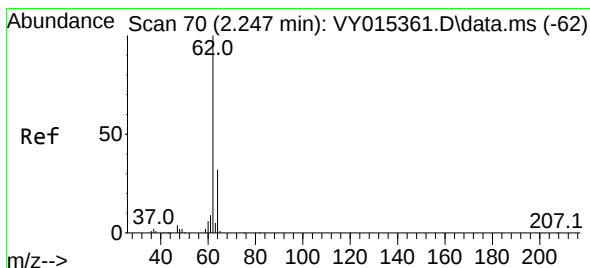
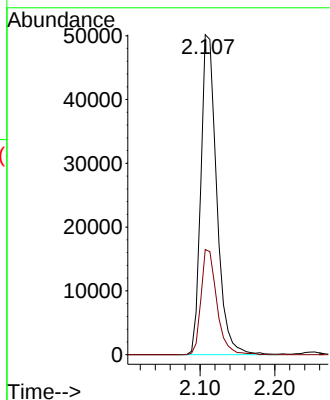
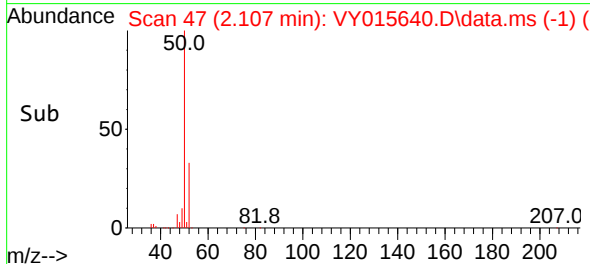
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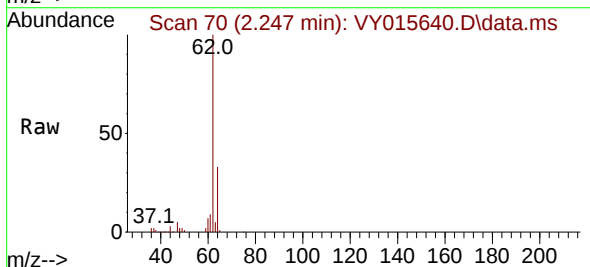
Tgt Ion: 50 Resp: 7384
Ion Ratio Lower Upper
50 100
52 32.8 25.4 38.2

Manual Integrations
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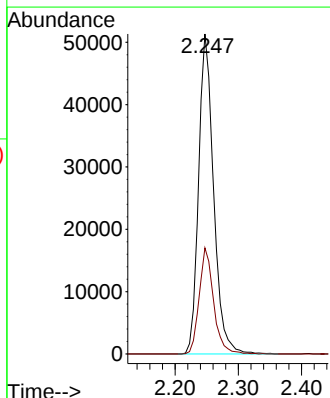
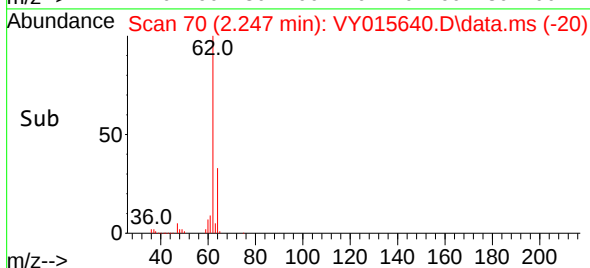
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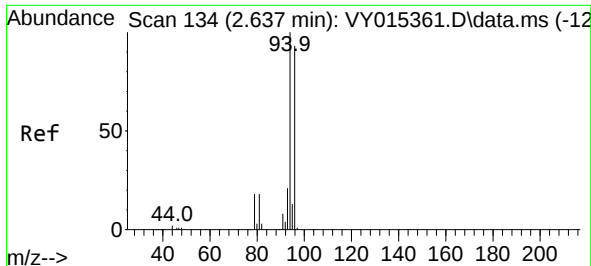


#4
Vinyl Chloride
Concen: 54.419 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49



Tgt Ion: 62 Resp: 84794
Ion Ratio Lower Upper
62 100
64 33.2 24.3 36.5





#5

Bromomethane

Concen: 50.447 ug/l

RT: 2.643 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015640.D

Acq: 19 Sep 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 94 Resp: 66740

Ion Ratio Lower Upper

94 100

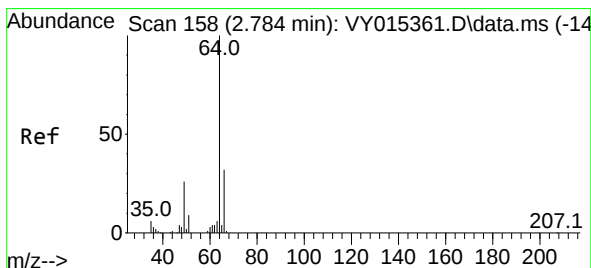
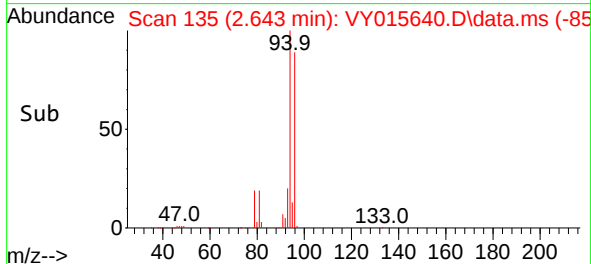
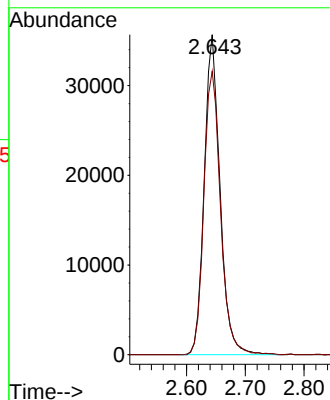
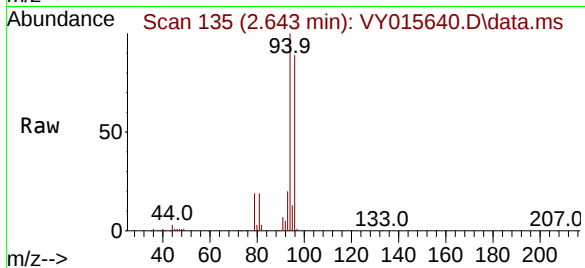
96 88.5 75.8 113.6

Manual Integrations

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Supervised By :Semsettin Yesilyurt 09/20/2023



#6

Chloroethane

Concen: 53.835 ug/l

RT: 2.790 min Scan# 159

Delta R.T. 0.006 min

Lab File: VY015640.D

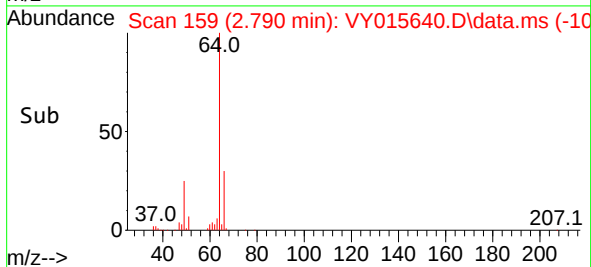
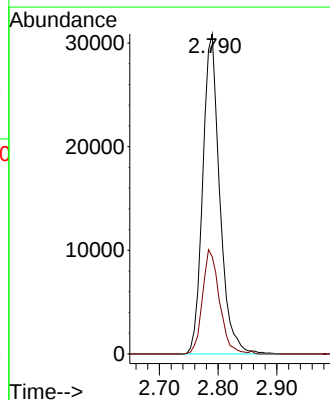
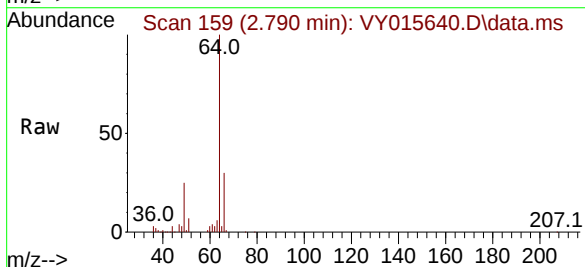
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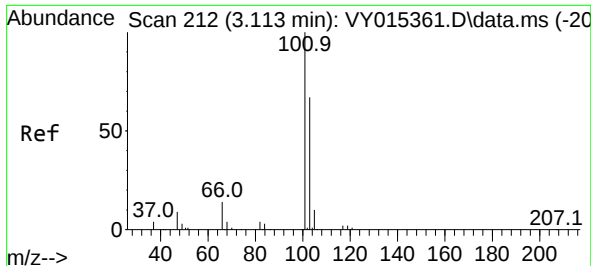
Tgt Ion: 64 Resp: 62175

Ion Ratio Lower Upper

64 100

66 30.4 24.4 36.6





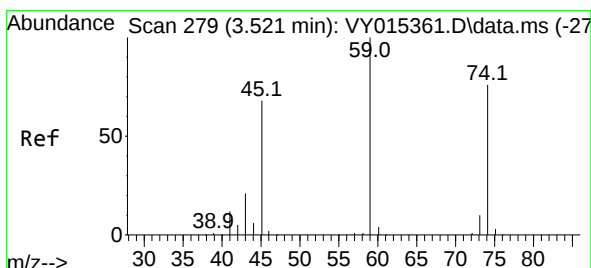
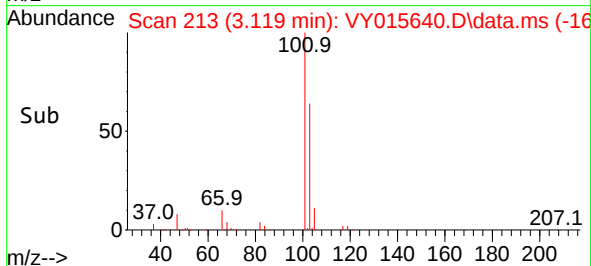
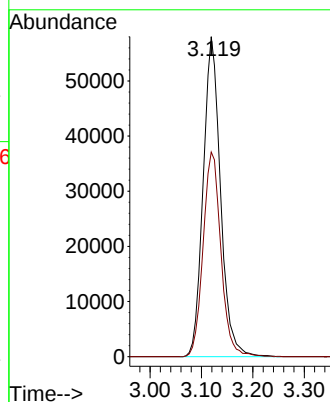
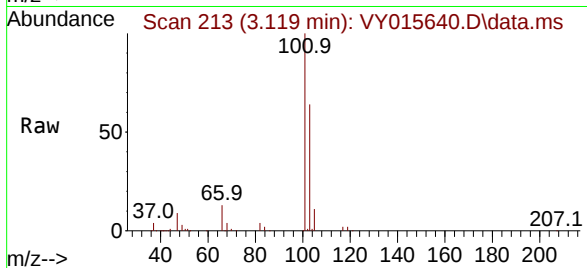
#7
 Trichlorofluoromethane
 Concen: 52.030 ug/l
 RT: 3.119 min Scan# 212
 Delta R.T. 0.006 min
 Lab File: VY015640.D
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Instrument :
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 ClientSampleId :
 VSTDICCC050

Tgt Ion:101 Resp: 135960
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.4 77.0

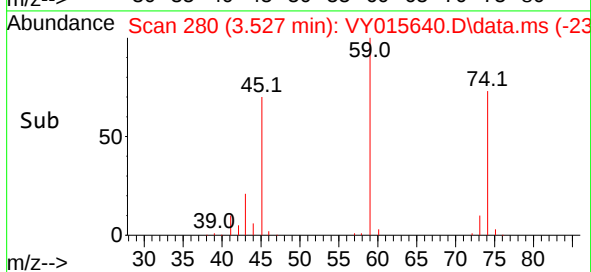
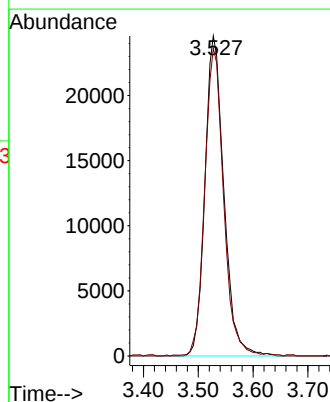
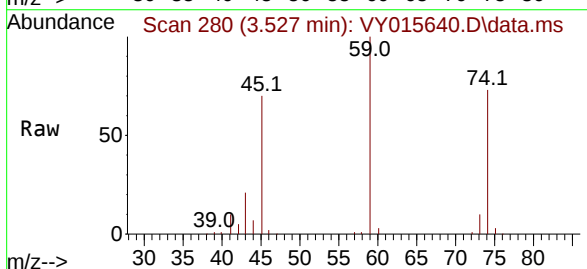
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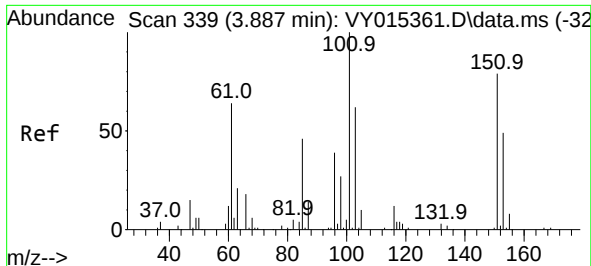
Reviewed By :Mahesh Dadoda 09/20/2023
 Supervised By :Semsettin Yesilyurt 09/20/2023



#8
 Diethyl Ether
 Concen: 52.587 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.006 min
 Lab File: VY015640.D
 Acq: 19 Sep 2023 12:49

Tgt Ion: 74 Resp: 58601
 Ion Ratio Lower Upper
 74 100
 45 96.4 51.5 154.5





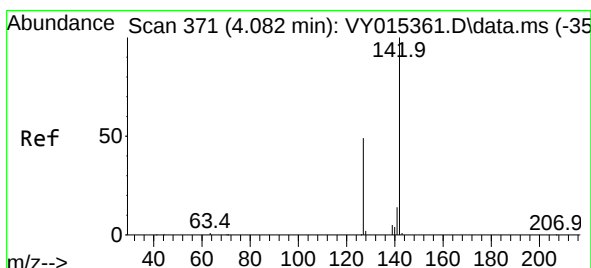
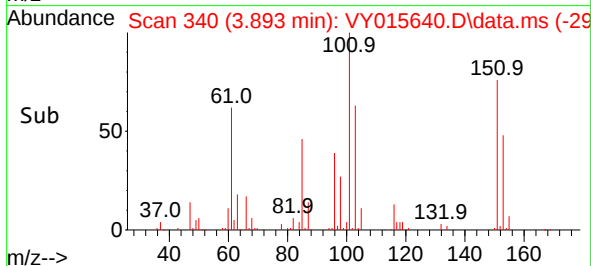
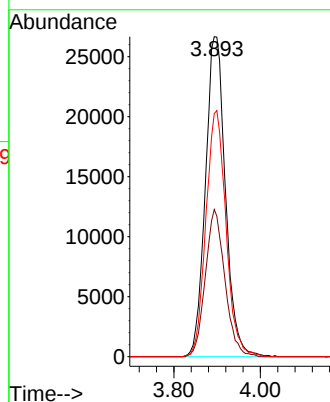
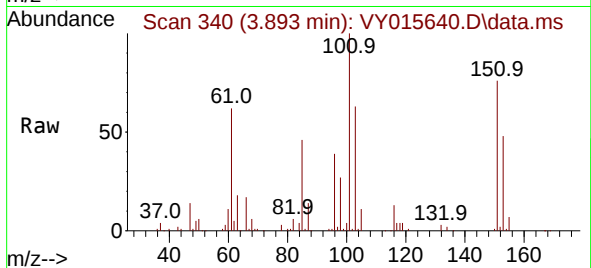
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.323 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 85608
Ion Ratio Lower Upper
101 100
85 44.9 36.6 55.0
151 77.1 67.0 100.6

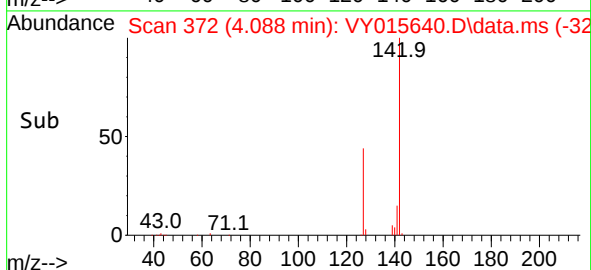
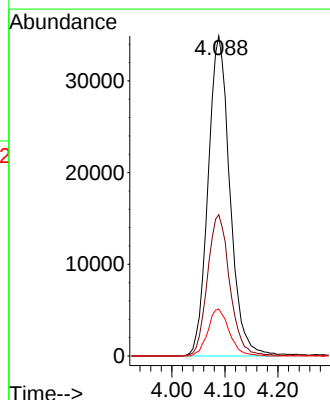
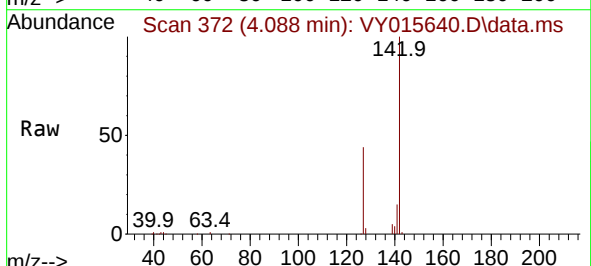
Manual Integrations
APPROVED

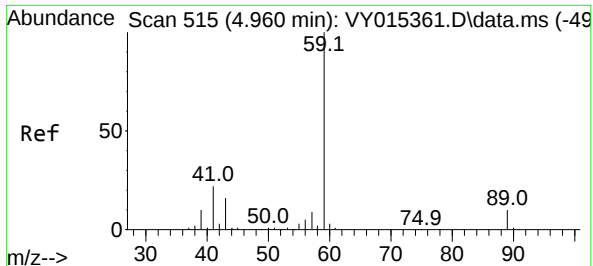
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#10
Methyl Iodide
Concen: 51.760 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49

Tgt Ion:142 Resp: 99780
Ion Ratio Lower Upper
142 100
127 45.2 37.6 56.4
141 14.4 11.8 17.8





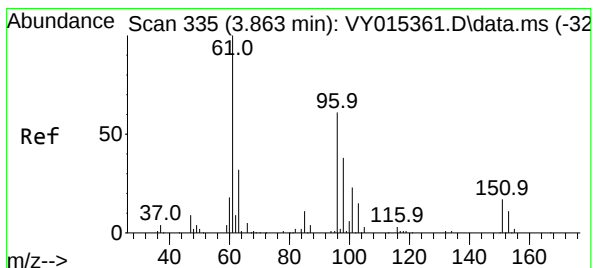
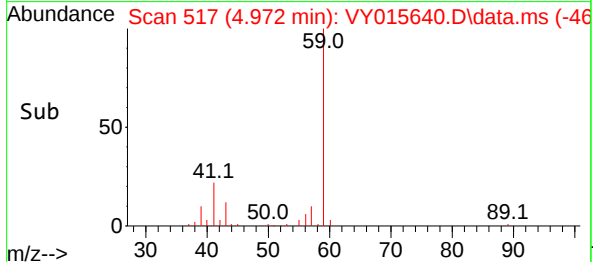
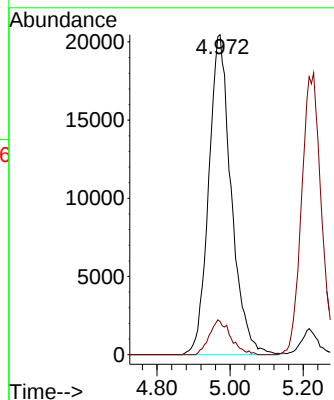
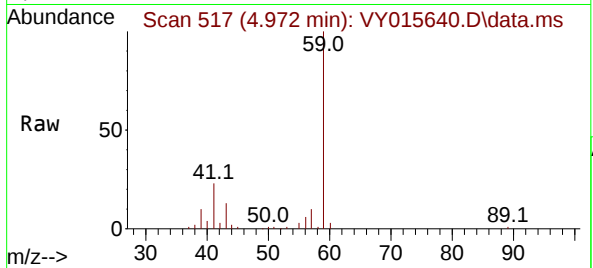
#11
Tert butyl alcohol
Concen: 233.803 ug/l
RT: 4.972 min Scan# 515
Delta R.T. 0.018 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 59 Resp: 8748
Ion Ratio Lower Upper
59 100
57 10.3 3.0 4.4

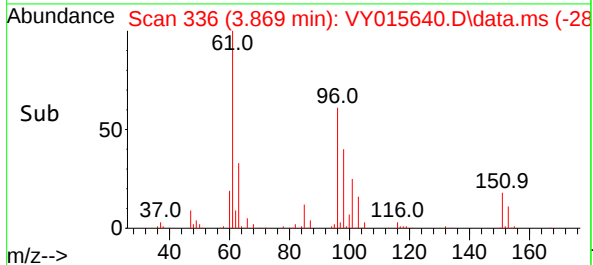
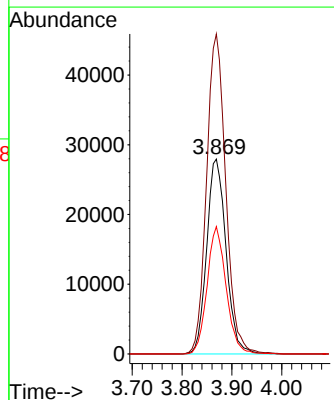
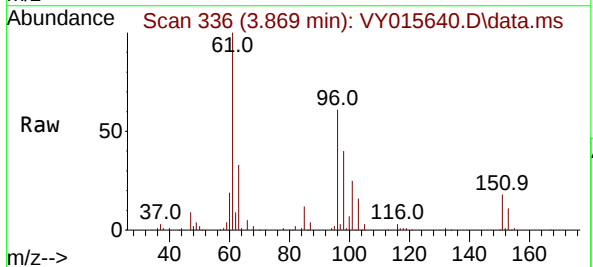
Manual Integrations
APPROVED

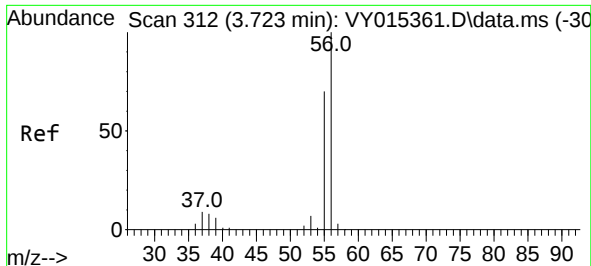
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#12
1,1-Dichloroethene
Concen: 52.333 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49

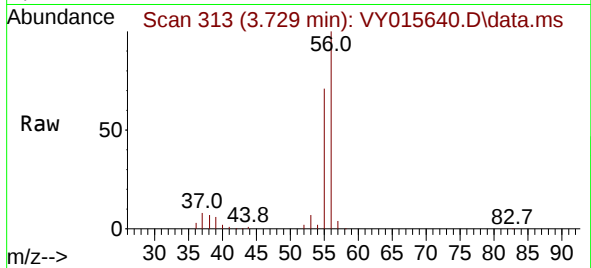
Tgt Ion: 96 Resp: 75450
Ion Ratio Lower Upper
96 100
61 164.2 136.4 204.6
98 65.4 49.4 74.2





#13
Acrolein
Concen: 252.180 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49

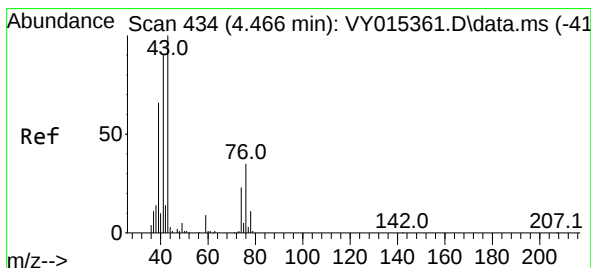
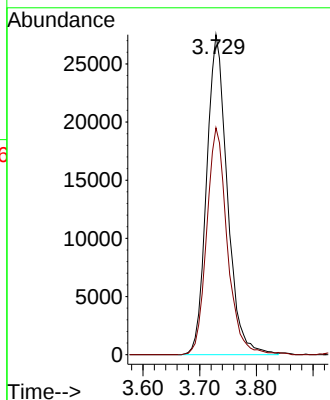
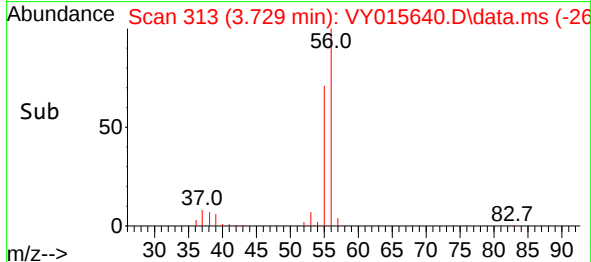
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 69638
Ion Ratio Lower Upper
56 100
55 70.8 57.0 85.4

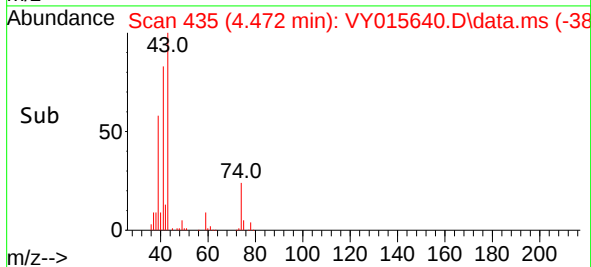
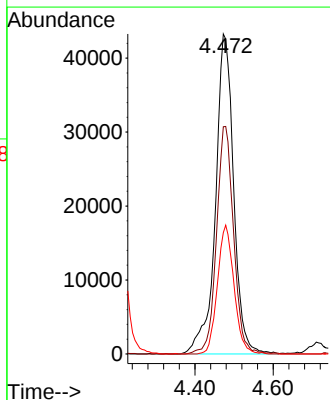
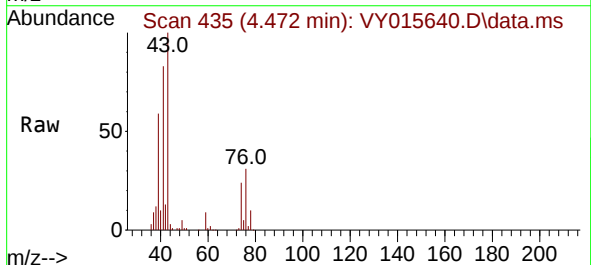
Manual Integrations
APPROVED

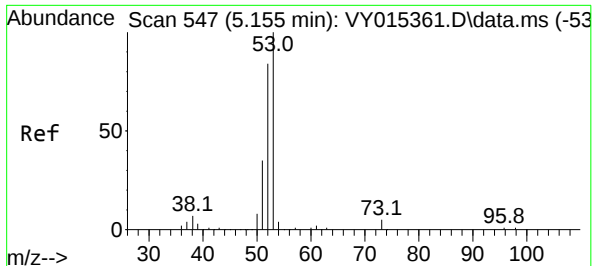
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#14
Allyl chloride
Concen: 53.030 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49

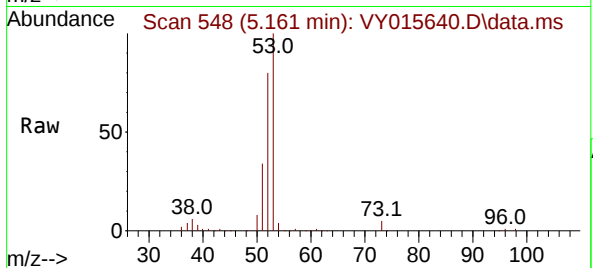
Tgt Ion: 41 Resp: 139789
Ion Ratio Lower Upper
41 100
39 66.9 58.0 87.0
76 36.7 27.4 41.2





#15
Acrylonitrile
Concen: 251.536 ug/l
RT: 5.161 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49

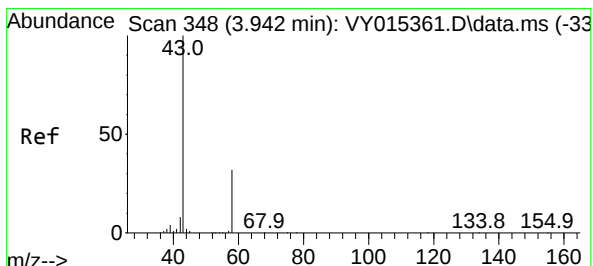
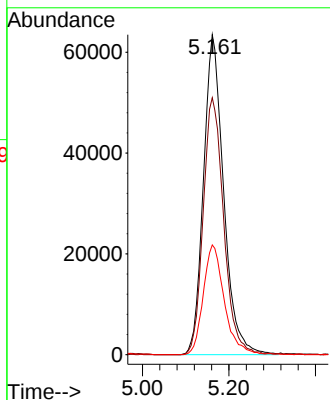
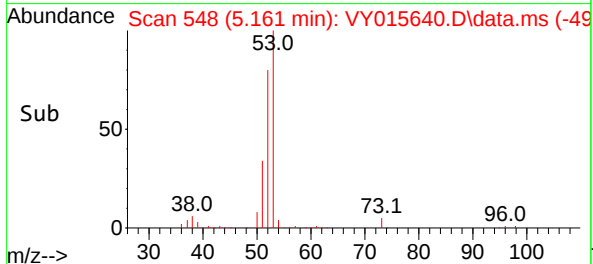
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 205629
Ion Ratio Lower Upper
53 100
52 81.6 66.9 100.3
51 35.7 29.8 44.6

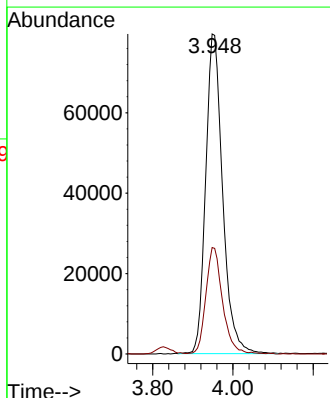
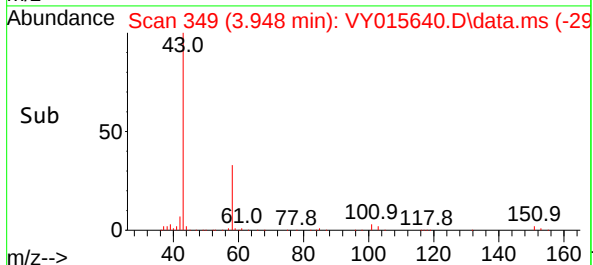
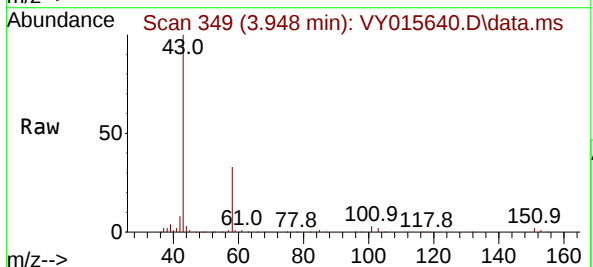
Manual Integrations
APPROVED

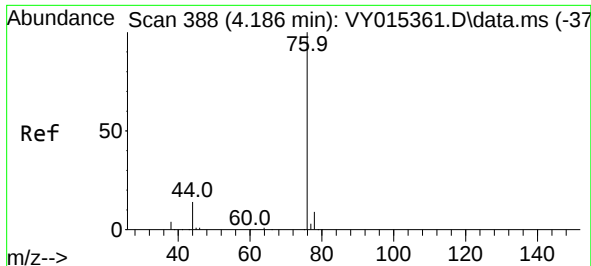
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#16
Acetone
Concen: 241.399 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49

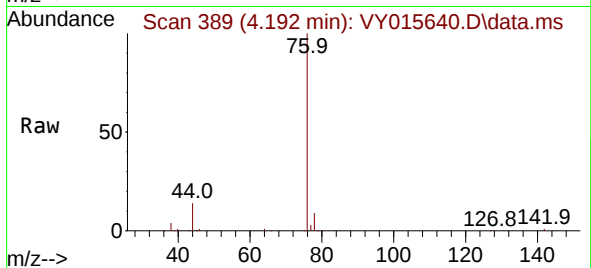
Tgt Ion: 43 Resp: 232937
Ion Ratio Lower Upper
43 100
58 33.3 22.7 34.1





#17
Carbon Disulfide
Concen: 55.764 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49

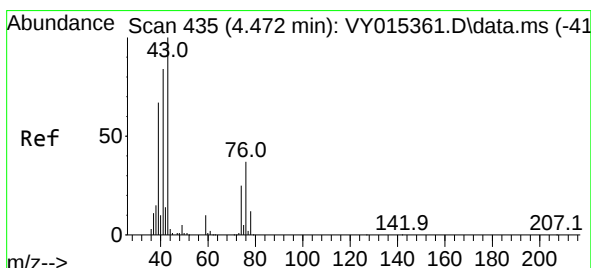
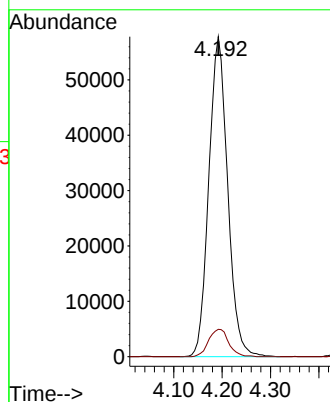
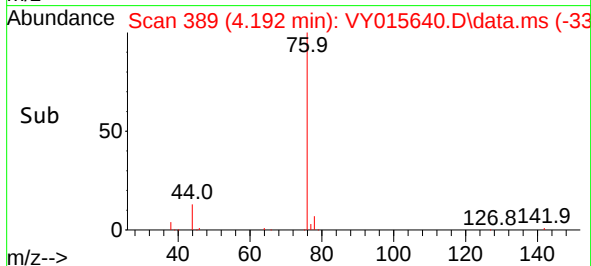
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 15618
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.4

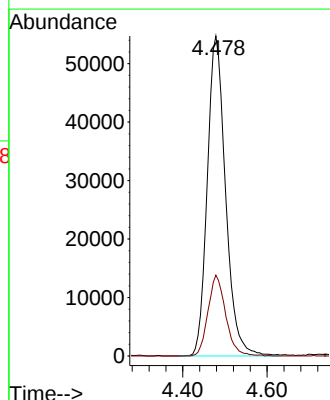
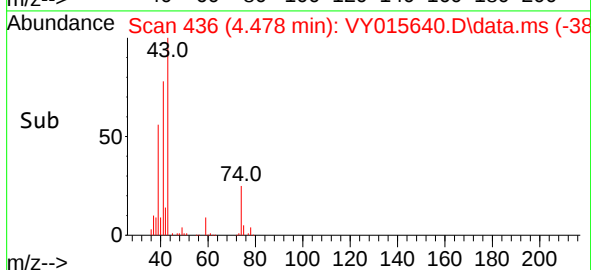
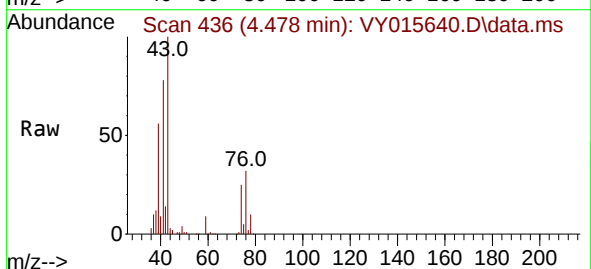
Manual Integrations
APPROVED

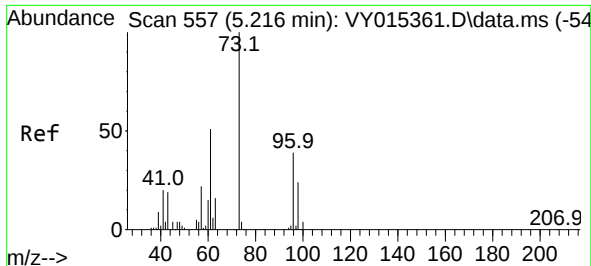
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#18
Methyl Acetate
Concen: 50.975 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49

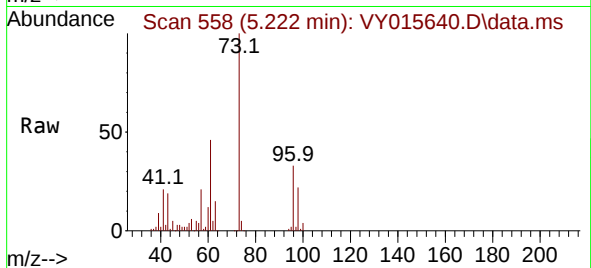
Tgt Ion: 43 Resp: 165037
Ion Ratio Lower Upper
43 100
74 24.4 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 52.425 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49

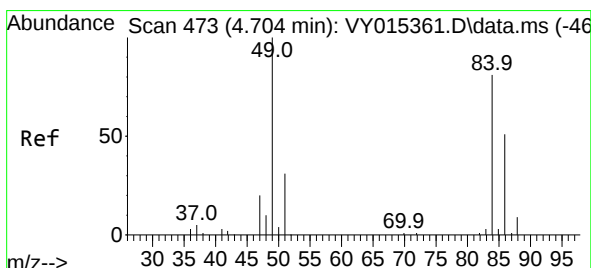
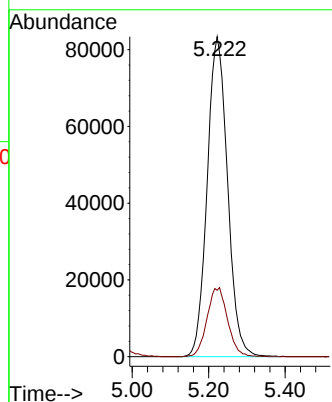
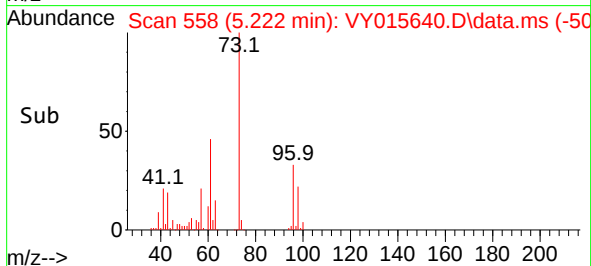
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



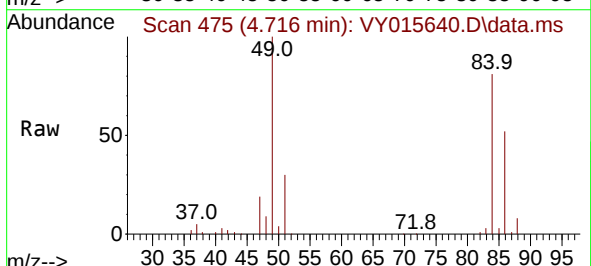
Tgt Ion: 73 Resp: 307840
Ion Ratio Lower Upper
73 100
57 20.8 17.3 25.9

Manual Integrations
APPROVED

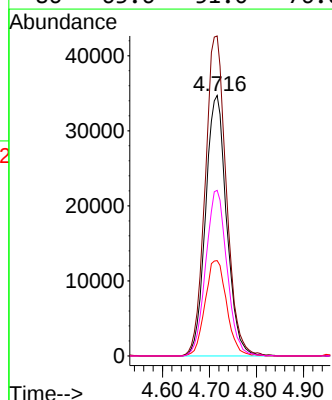
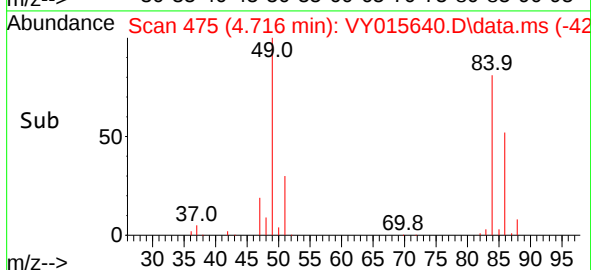
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023

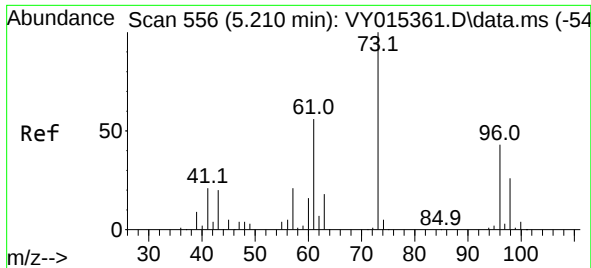


#20
Methylene Chloride
Concen: 51.038 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49



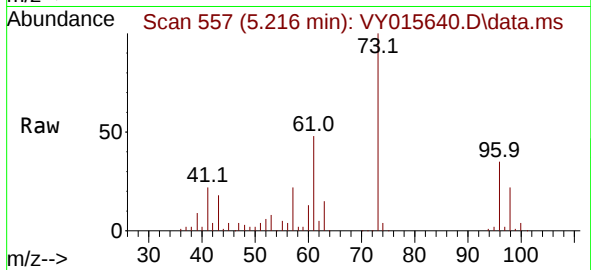
Tgt Ion: 84 Resp: 107644
Ion Ratio Lower Upper
84 100
49 122.8 106.9 160.3
51 36.6 33.2 49.8
86 63.6 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 54.246 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49

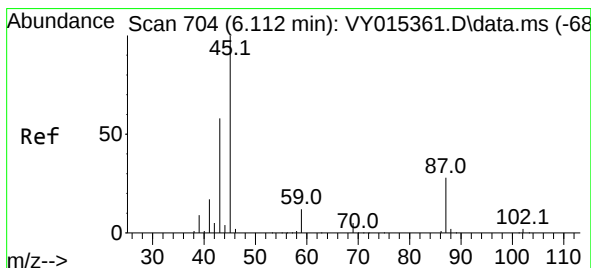
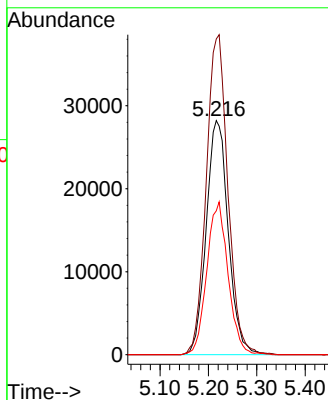
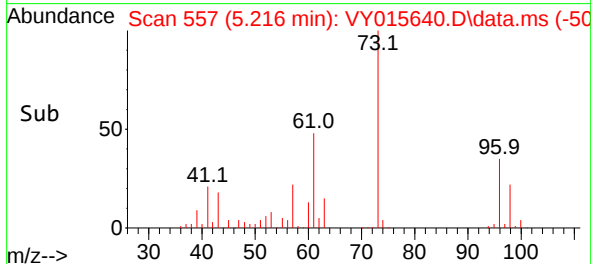
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 8939
Ion Ratio Lower Upper
96 100
61 134.8 110.2 165.4
98 61.4 51.8 77.6

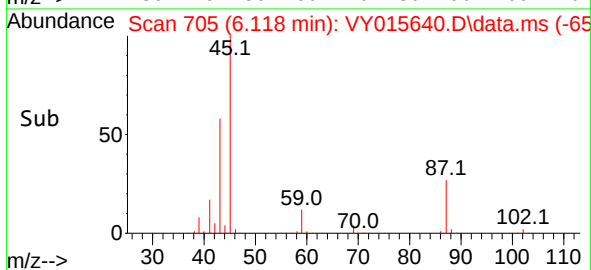
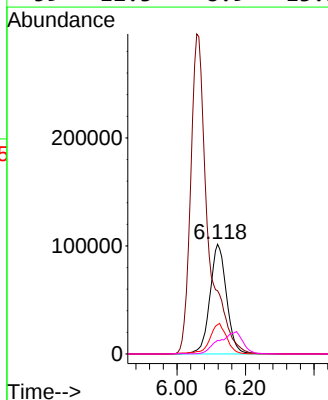
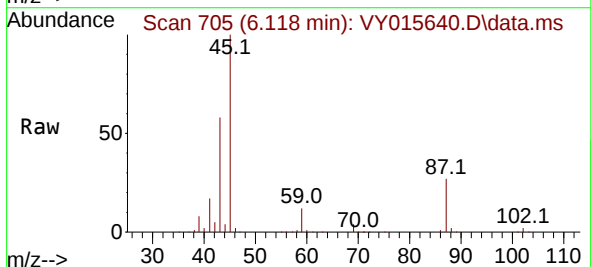
Manual Integrations
APPROVED

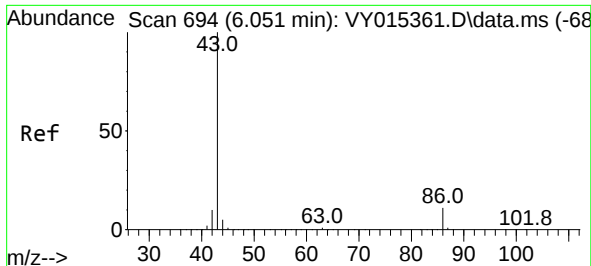
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#22
Diisopropyl ether
Concen: 53.607 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49

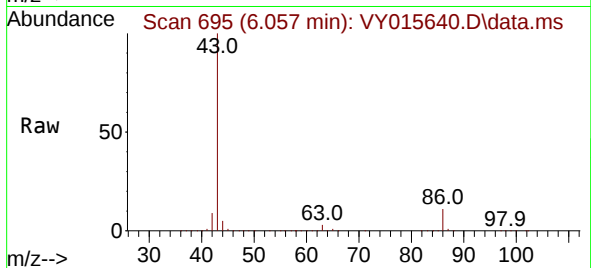
Tgt Ion: 45 Resp: 340074
Ion Ratio Lower Upper
45 100
43 57.3 52.2 78.4
87 26.7 21.0 31.6
59 12.3 8.9 13.3





#23
 Vinyl Acetate
 Concen: 263.634 ug/l
 RT: 6.057 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY015640.D
 Acq: 19 Sep 2023 12:49

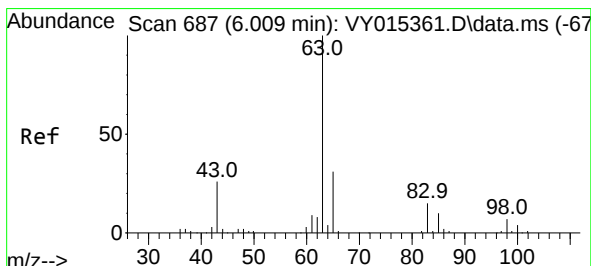
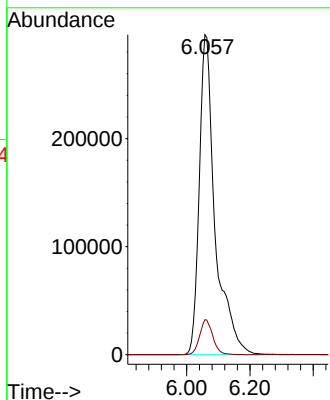
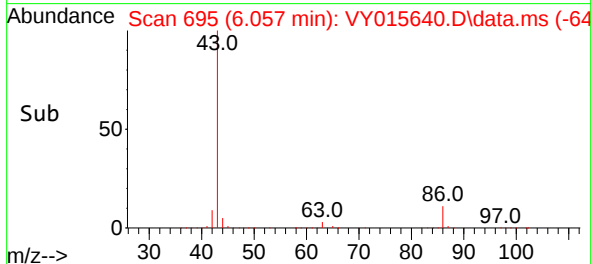
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050



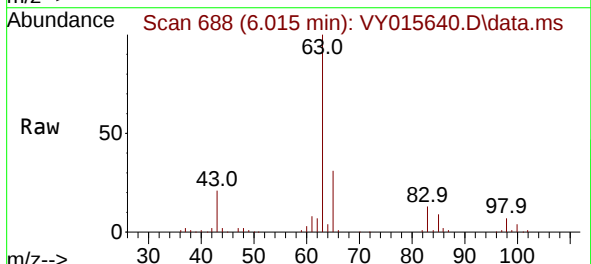
Tgt Ion: 43 Resp: 103229
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.5 11.3

Manual Integrations
 APPROVED

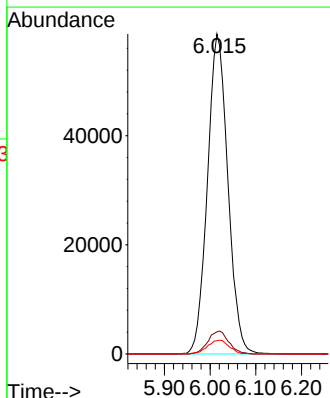
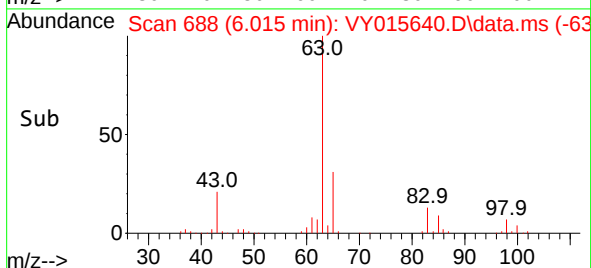
Reviewed By :Mahesh Dadoda 09/20/2023
 Supervised By :Semsettin Yesilyurt 09/20/2023

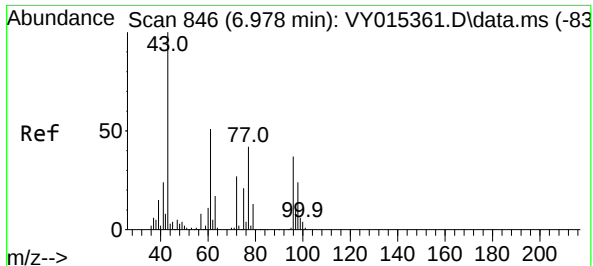


#24
 1,1-Dichloroethane
 Concen: 52.608 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.012 min
 Lab File: VY015640.D
 Acq: 19 Sep 2023 12:49



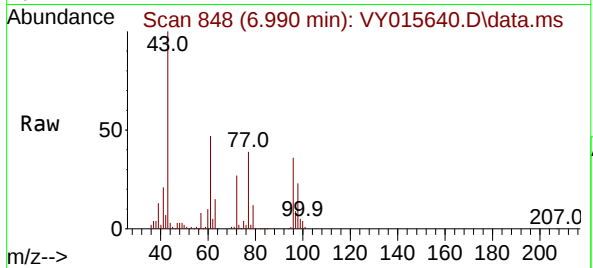
Tgt Ion: 63 Resp: 181909
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.1 9.4
 100 4.1 1.8 5.5





#25
2-Butanone
Concen: 237.068 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.012 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49

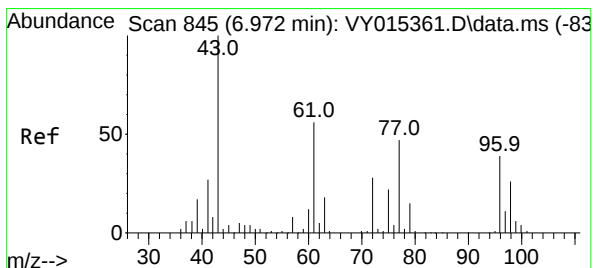
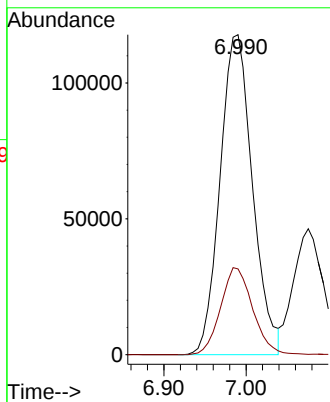
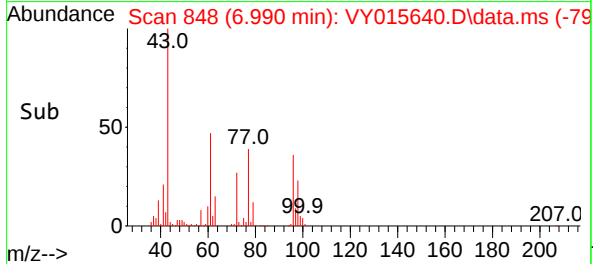
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 32334
Ion Ratio Lower Upper
43 100
72 26.8 20.5 30.7

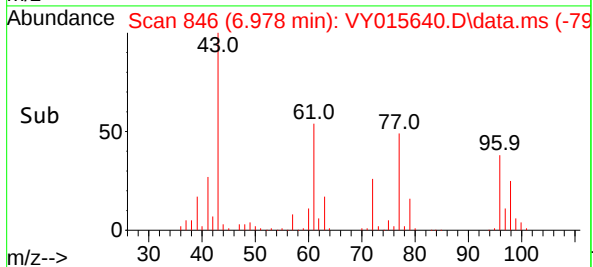
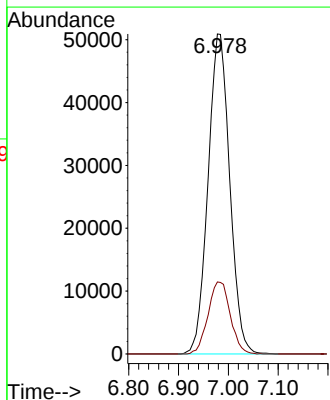
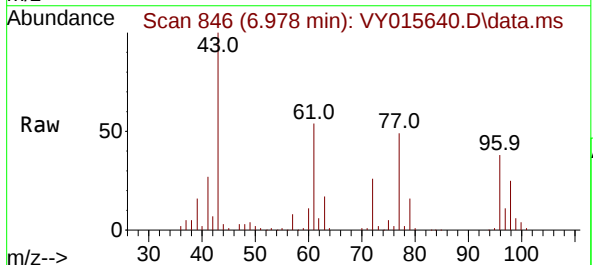
Manual Integrations
APPROVED

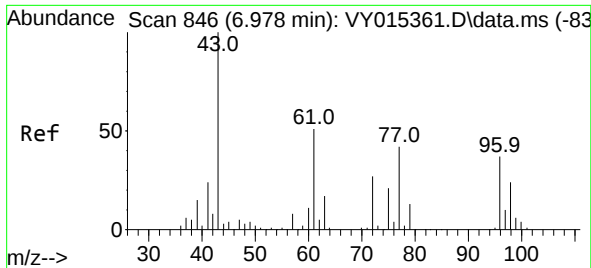
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#26
2,2-Dichloropropane
Concen: 48.678 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49

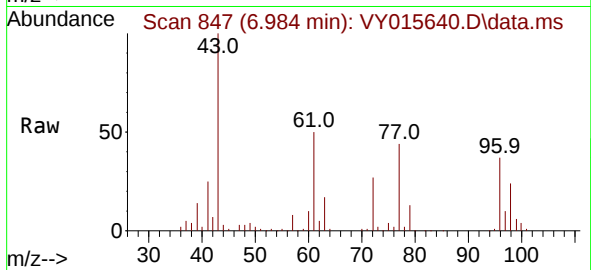
Tgt Ion: 77 Resp: 153843
Ion Ratio Lower Upper
77 100
97 23.0 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 52.938 ug/l
 RT: 6.984 min Scan# 846
 Delta R.T. 0.006 min
 Lab File: VY015640.D
 Acq: 19 Sep 2023 12:49

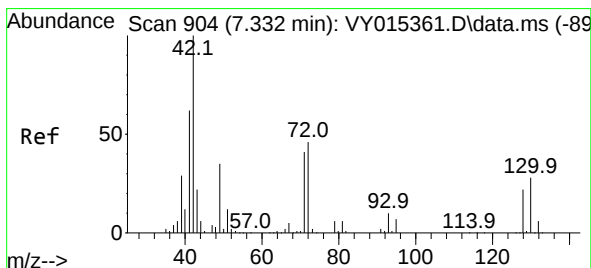
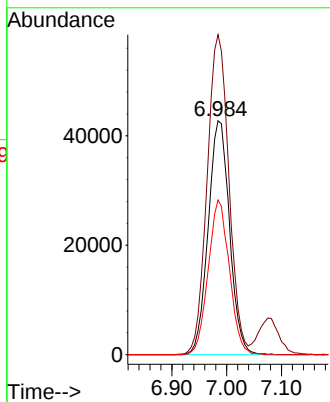
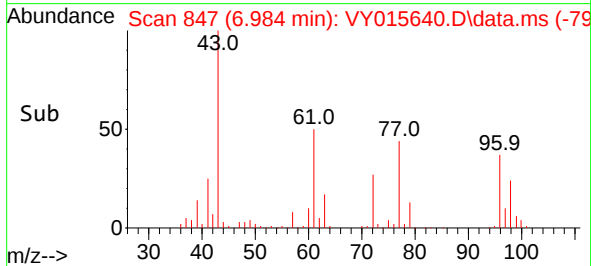
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 96 Resp: 115814
 Ion Ratio Lower Upper
 96 100
 61 139.2 0.0 301.4
 98 65.5 0.0 130.4

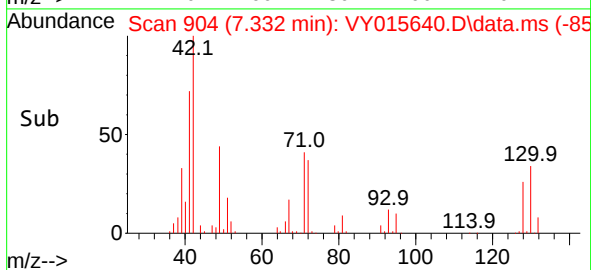
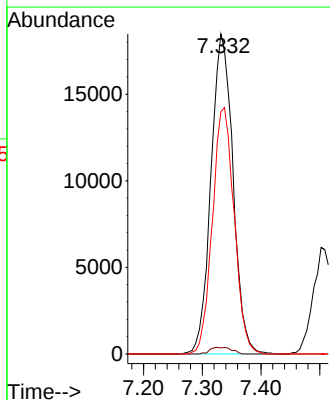
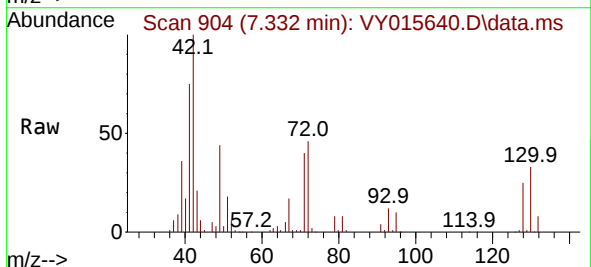
Manual Integrations
 APPROVED

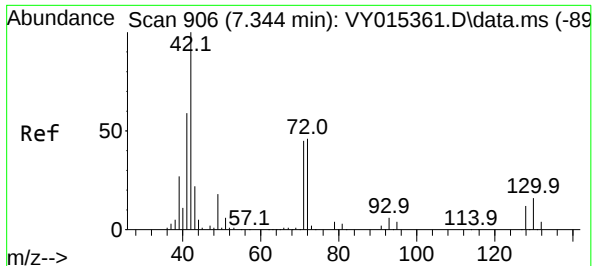
Reviewed By :Mahesh Dadoda 09/20/2023
 Supervised By :Semsettin Yesilyurt 09/20/2023



#28
 Bromochloromethane
 Concen: 51.163 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.006 min
 Lab File: VY015640.D
 Acq: 19 Sep 2023 12:49

Tgt Ion: 49 Resp: 47997
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 76.1 60.7 91.1





#29

Tetrahydrofuran

Concen: 250.552 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY015640.D

Acq: 19 Sep 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

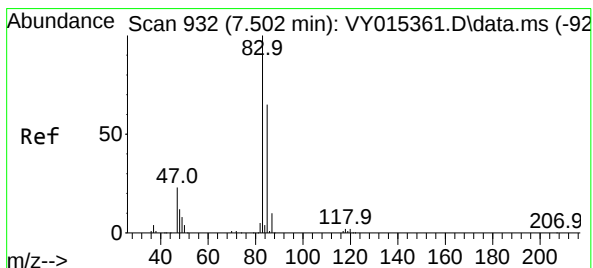
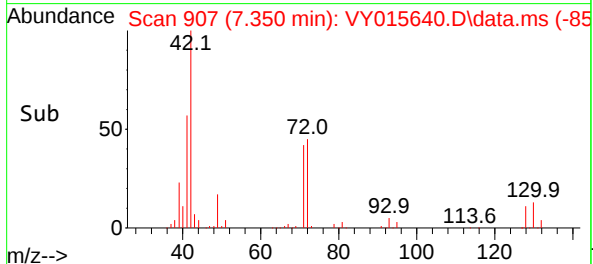
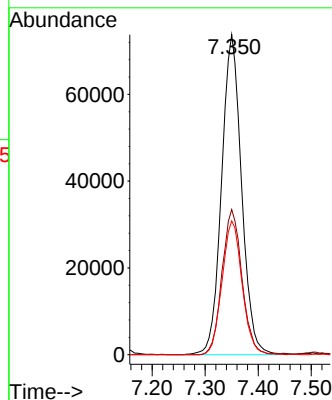
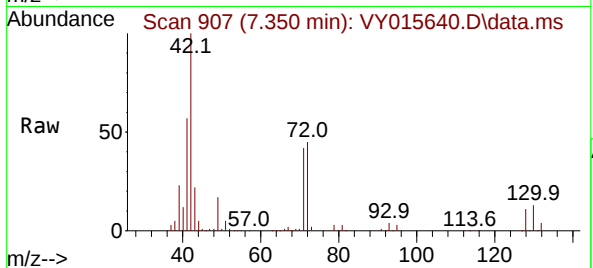
VSTDICCC050

Tgt Ion:	42	Resp:	19315
Ion	Ratio	Lower	Upper
42	100		
72	45.2	32.8	49.2
71	42.0	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#30

Chloroform

Concen: 51.731 ug/l

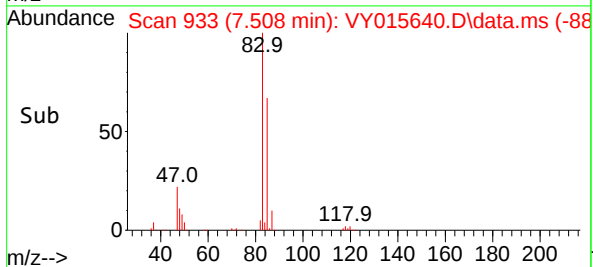
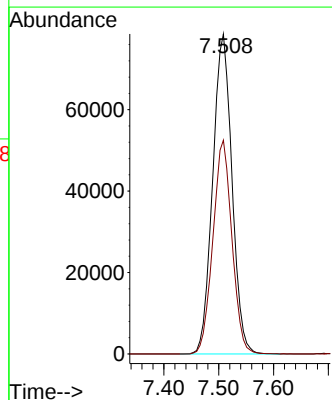
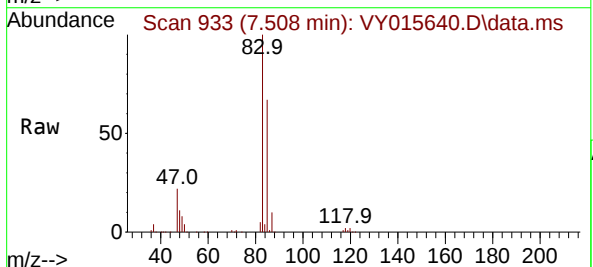
RT: 7.508 min Scan# 933

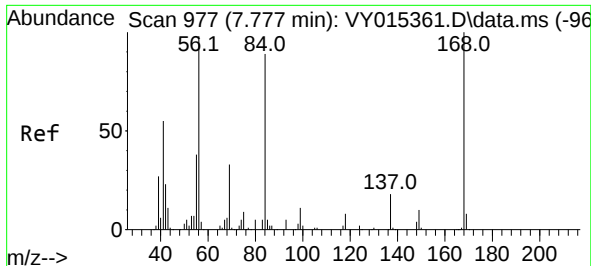
Delta R.T. 0.012 min

Lab File: VY015640.D

Acq: 19 Sep 2023 12:49

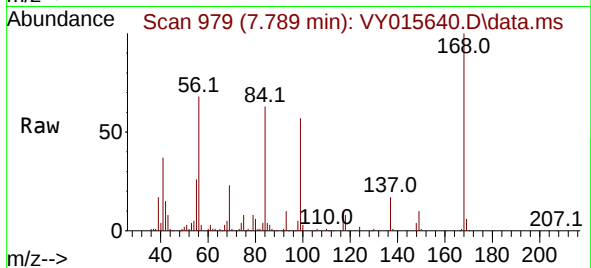
Tgt Ion:	83	Resp:	191558
Ion	Ratio	Lower	Upper
83	100		
85	66.8	49.7	74.5





#31
Cyclohexane
Concen: 50.660 ug/l
RT: 7.789 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49

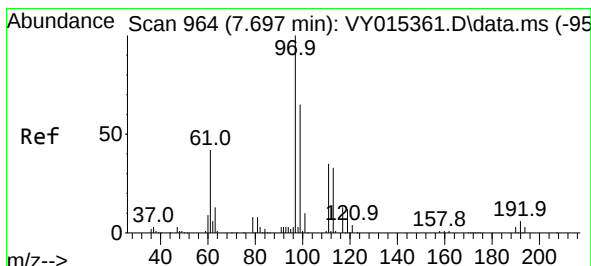
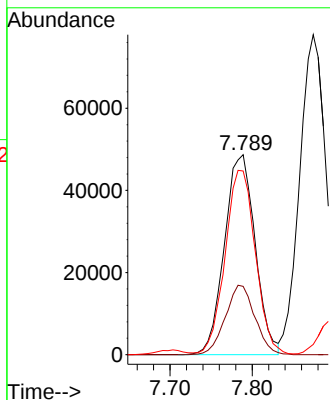
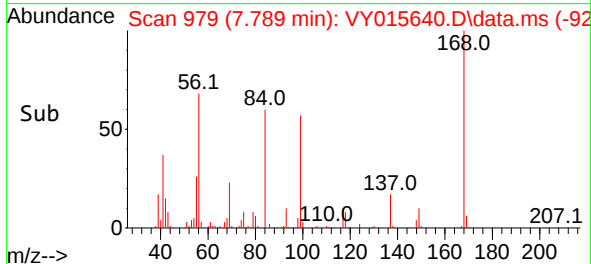
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 126540
Ion Ratio Lower Upper
56 100
69 34.2 27.8 41.6
84 89.8 66.4 99.6

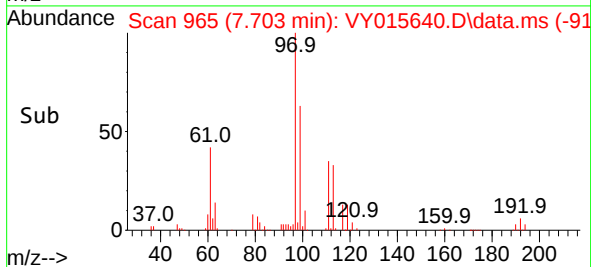
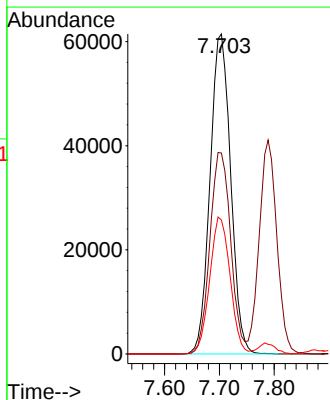
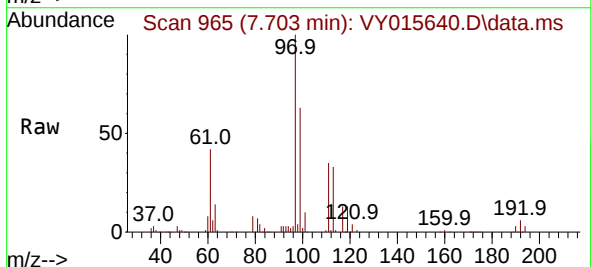
Manual Integrations
APPROVED

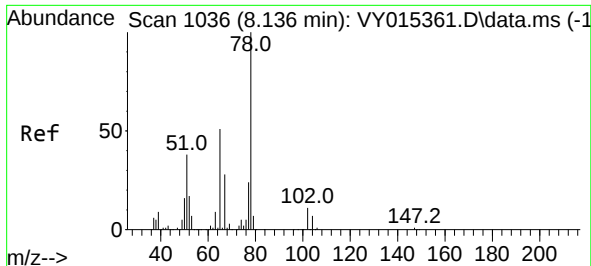
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#32
1,1,1-Trichloroethane
Concen: 52.480 ug/l
RT: 7.703 min Scan# 965
Delta R.T. 0.012 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49

Tgt Ion: 97 Resp: 160427
Ion Ratio Lower Upper
97 100
99 63.6 50.8 76.2
61 42.3 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 45.554 ug/l

RT: 8.142 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY015640.D

Acq: 19 Sep 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 82139

Ion Ratio Lower Upper

65 100

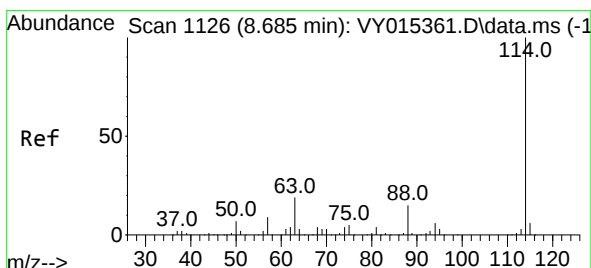
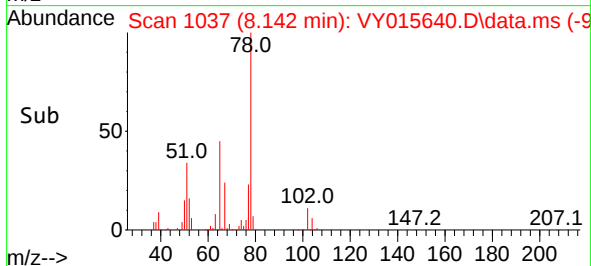
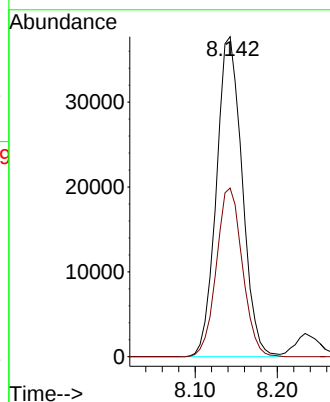
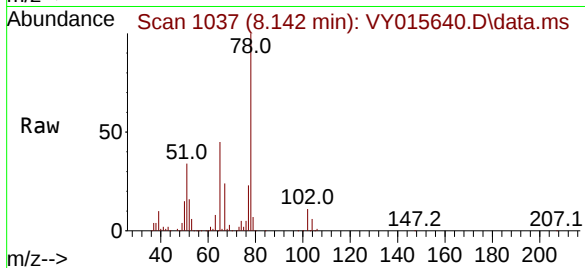
67 53.1 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023

Supervised By :Semsettin Yesilyurt 09/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015640.D

Acq: 19 Sep 2023 12:49

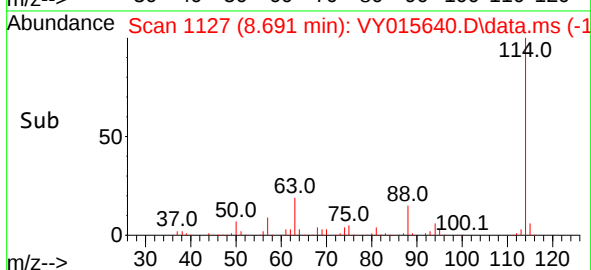
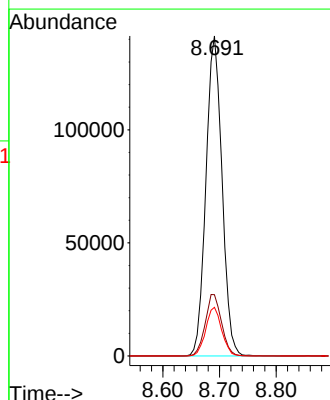
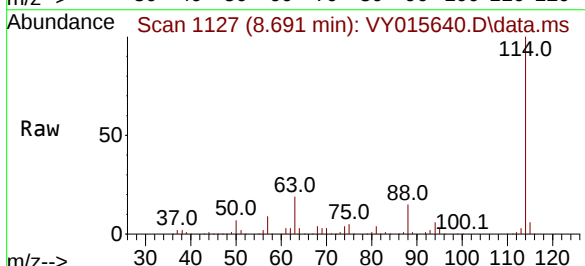
Tgt Ion:114 Resp: 278190

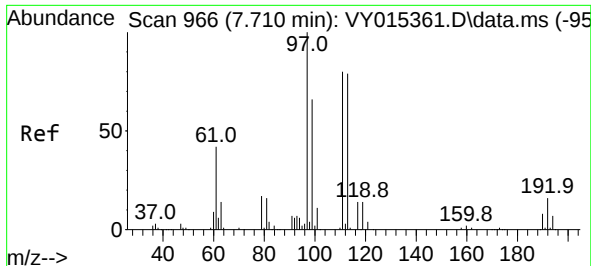
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

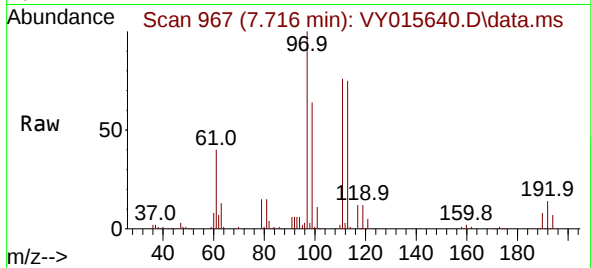
88 15.2 0.0 30.6





#35
Dibromofluoromethane
Concen: 47.114 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49

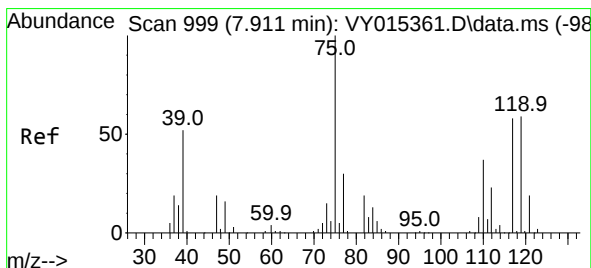
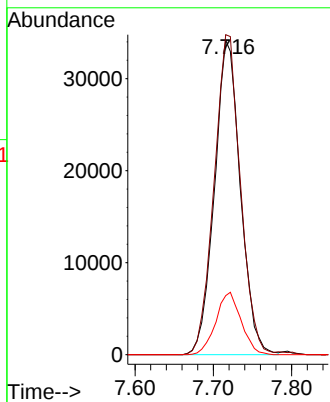
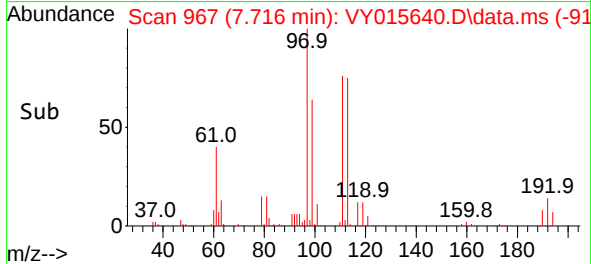
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



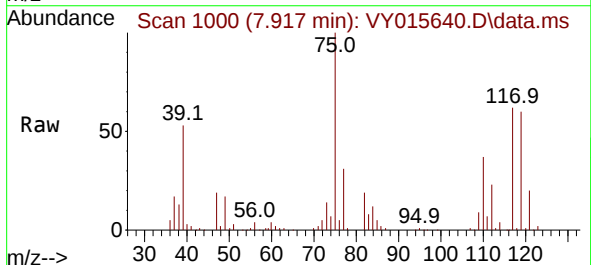
Tgt Ion:113 Resp: 7844
Ion Ratio Lower Upper
113 100
111 103.7 81.3 121.9
192 19.4 16.9 25.3

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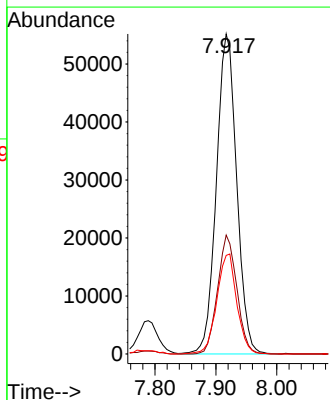
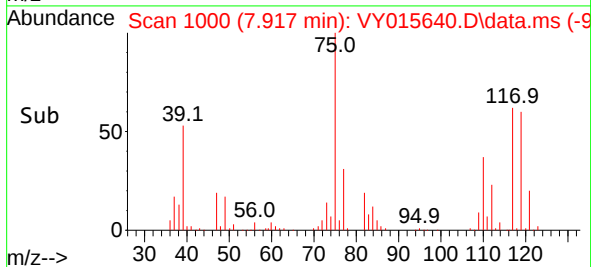
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023

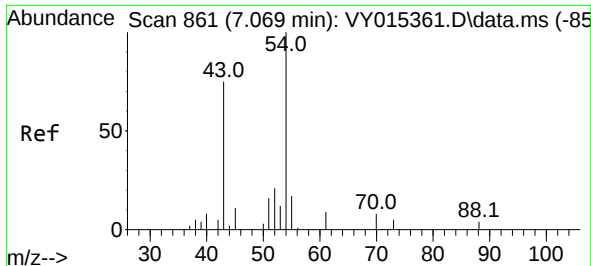


#36
1,1-Dichloropropene
Concen: 51.802 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49



Tgt Ion: 75 Resp: 127534
Ion Ratio Lower Upper
75 100
110 35.2 17.8 53.5
77 30.8 24.4 36.6





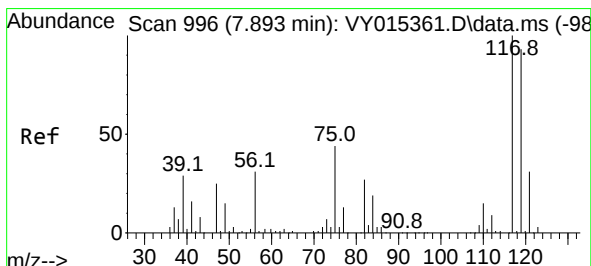
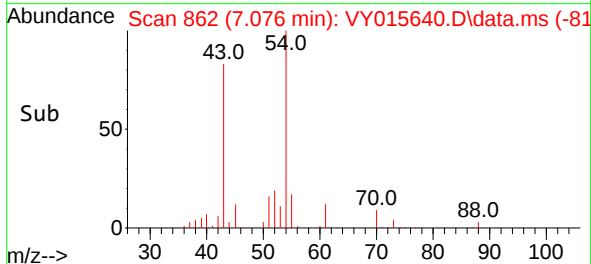
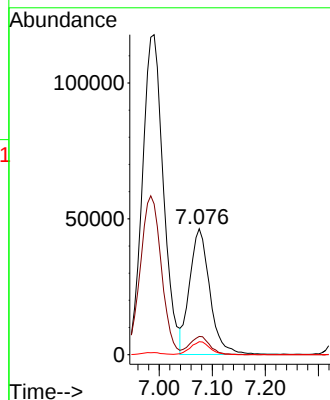
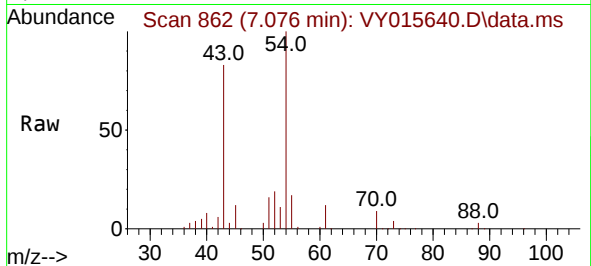
#37
Ethyl Acetate
Concen: 49.664 ug/l
RT: 7.076 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 121958
Ion Ratio Lower Upper
43 100
61 14.6 10.1 15.1
70 10.0 7.1 10.7

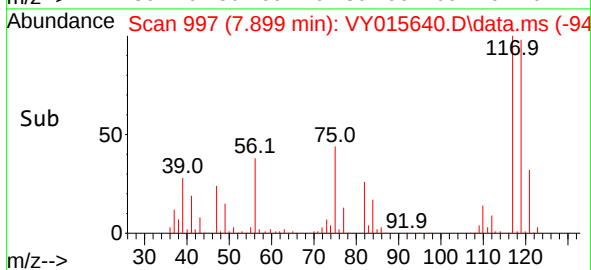
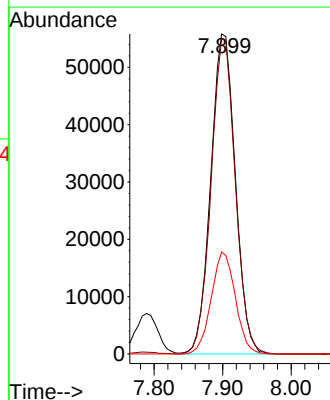
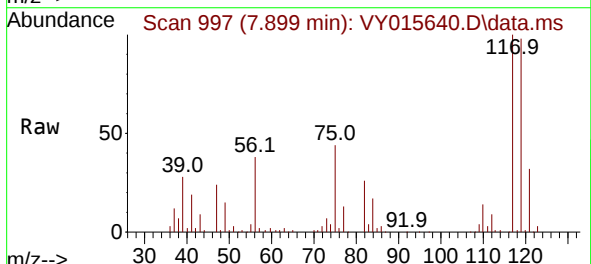
Manual Integrations
APPROVED

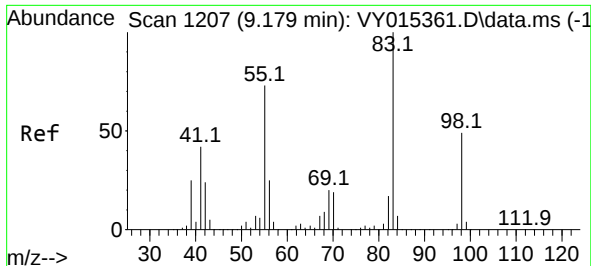
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#38
Carbon Tetrachloride
Concen: 52.015 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.006 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49

Tgt Ion:117 Resp: 139002
Ion Ratio Lower Upper
117 100
119 98.5 76.4 114.6
121 31.9 25.8 38.6





#39

Methylcyclohexane

Concen: 52.651 ug/l

RT: 9.185 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY015640.D

Acq: 19 Sep 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 143370

Ion Ratio Lower Upper

83 100

55 71.8 63.0 94.4

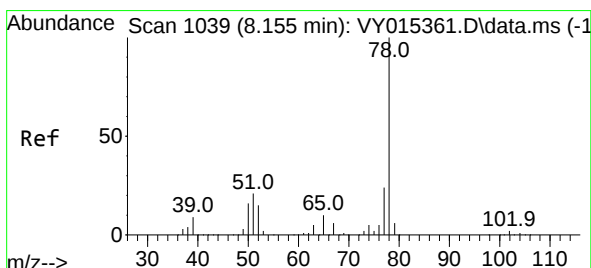
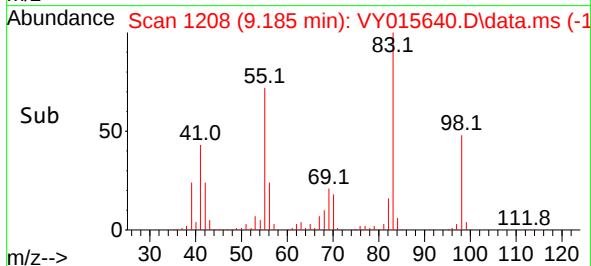
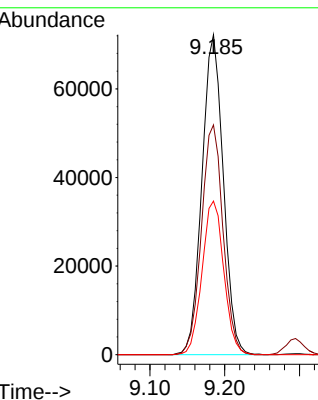
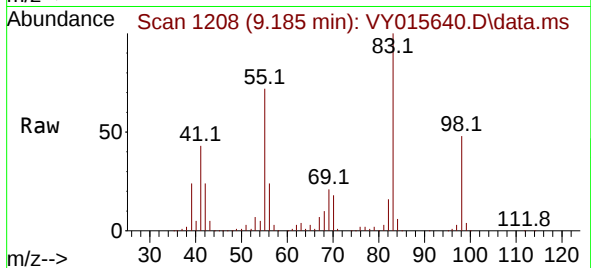
98 48.0 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023

Supervised By :Semsettin Yesilyurt 09/20/2023



#40

Benzene

Concen: 52.569 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.012 min

Lab File: VY015640.D

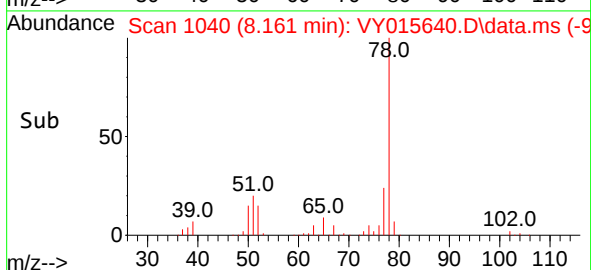
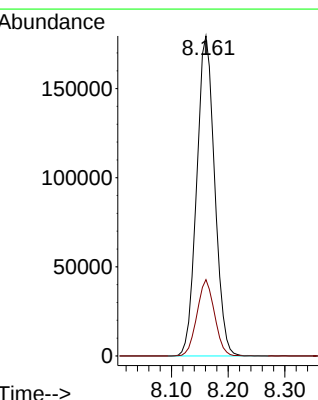
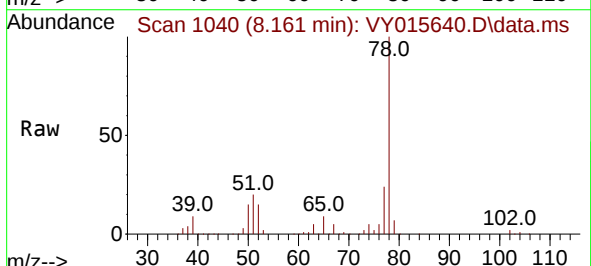
Acq: 19 Sep 2023 12:49

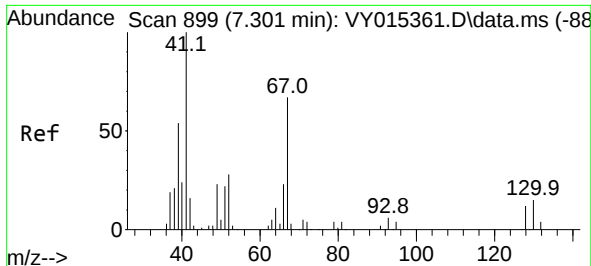
Tgt Ion: 78 Resp: 394679

Ion Ratio Lower Upper

78 100

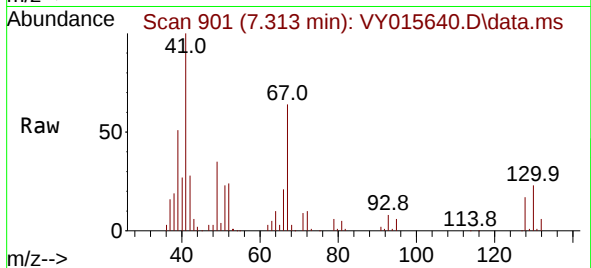
77 23.9 19.0 28.6





#41
Methacrylonitrile
Concen: 45.630 ug/l m
RT: 7.313 min Scan# 901
Delta R.T. -0.000 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49

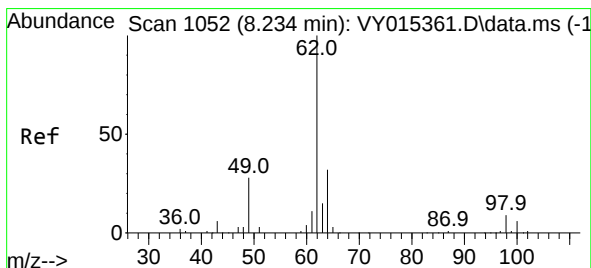
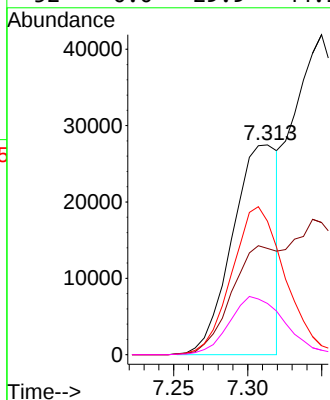
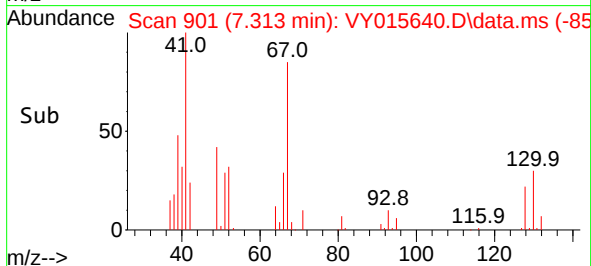
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 5875
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

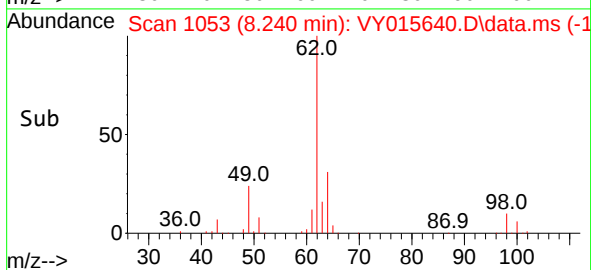
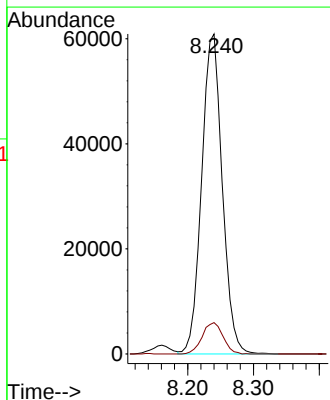
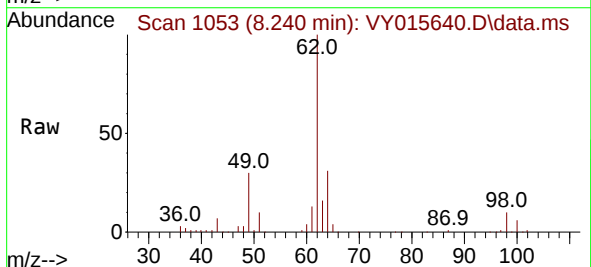
Manual Integrations
APPROVED

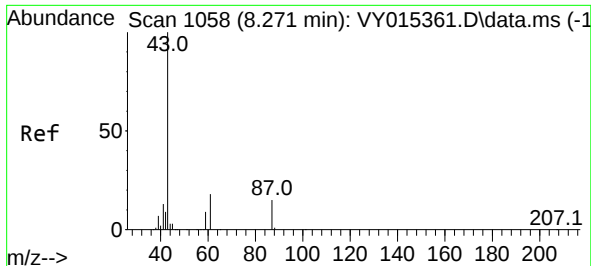
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#42
1,2-Dichloroethane
Concen: 51.636 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49

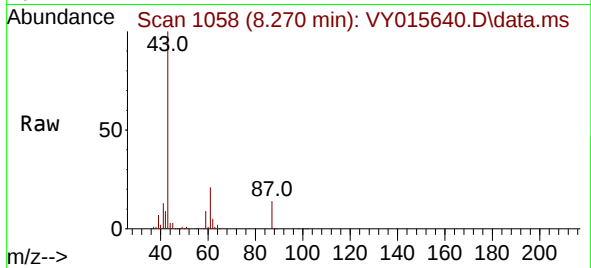
Tgt Ion: 62 Resp: 132771
Ion Ratio Lower Upper
62 100
98 9.9 0.0 15.8





#43
Isopropyl Acetate
Concen: 50.654 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49

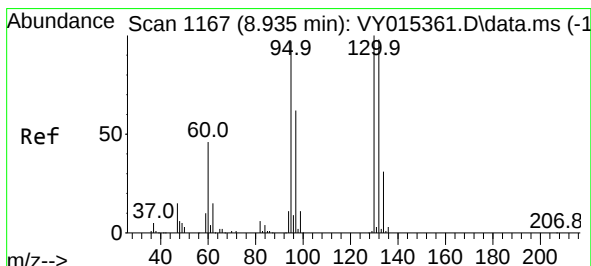
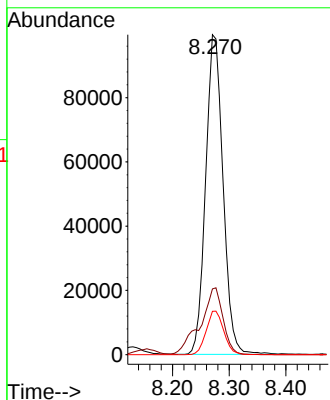
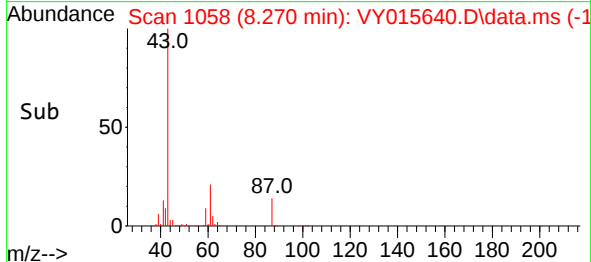
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 21248
Ion Ratio Lower Upper
43 100
61 27.3 21.1 31.7
87 13.7 9.8 14.8

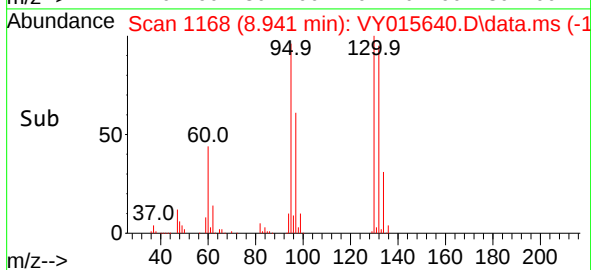
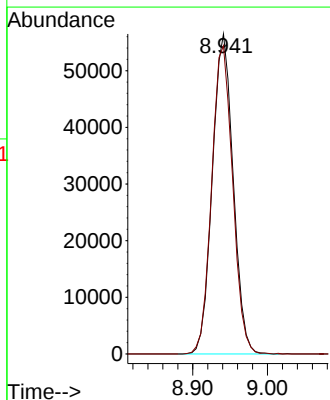
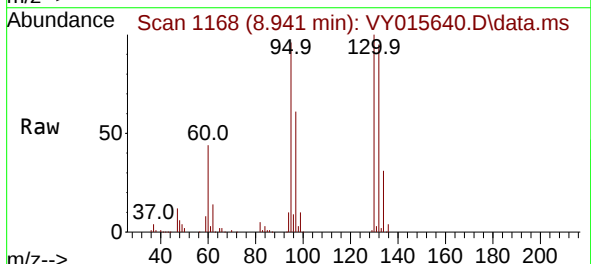
Manual Integrations
APPROVED

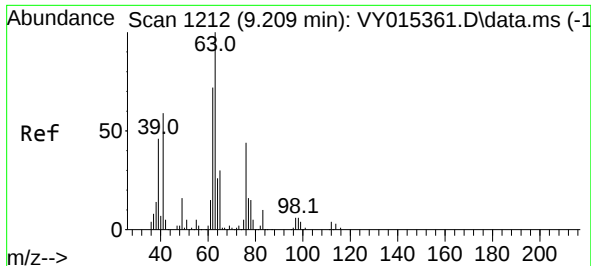
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#44
Trichloroethene
Concen: 52.176 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49

Tgt Ion:130 Resp: 109410
Ion Ratio Lower Upper
130 100
95 96.3 0.0 196.0





#45

1,2-Dichloropropane

Concen: 52.617 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015640.D

Acq: 19 Sep 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 110164

Ion Ratio Lower Upper

63 100

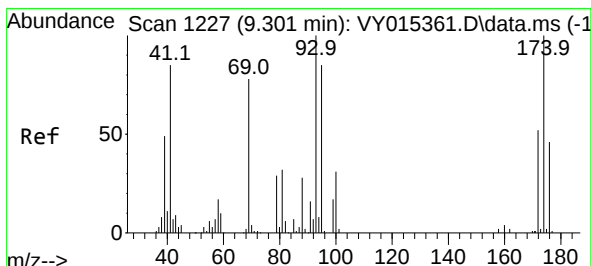
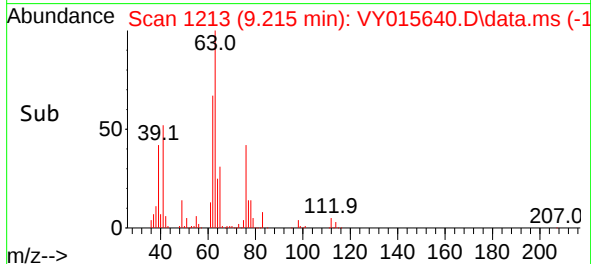
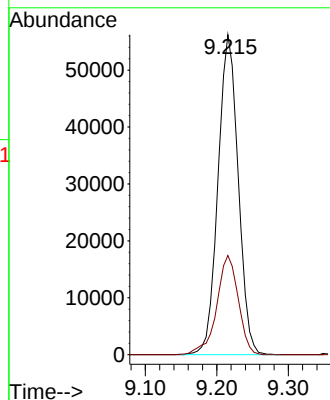
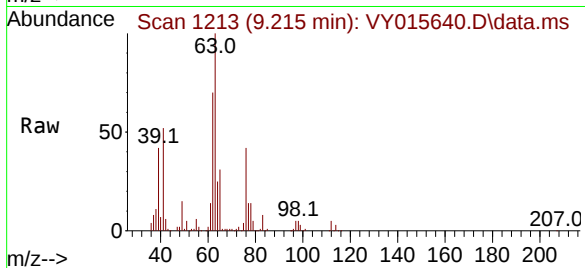
65 31.0 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023

Supervised By :Semsettin Yesilyurt 09/20/2023



#46

Dibromomethane

Concen: 52.093 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.012 min

Lab File: VY015640.D

Acq: 19 Sep 2023 12:49

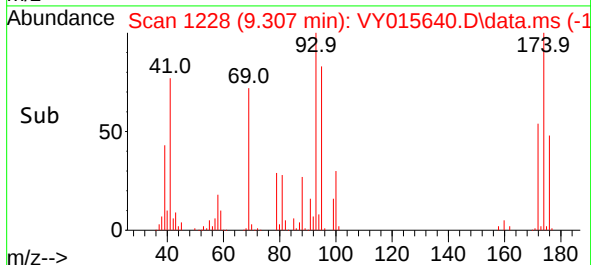
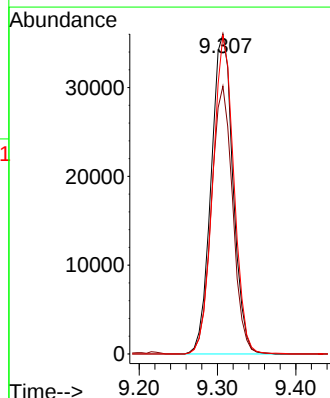
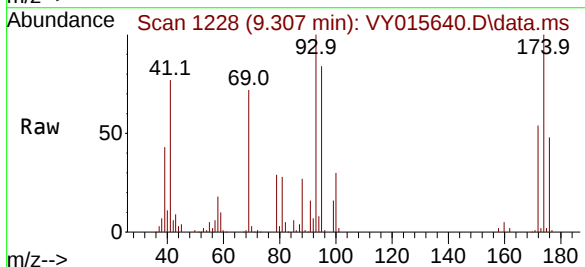
Tgt Ion: 93 Resp: 69767

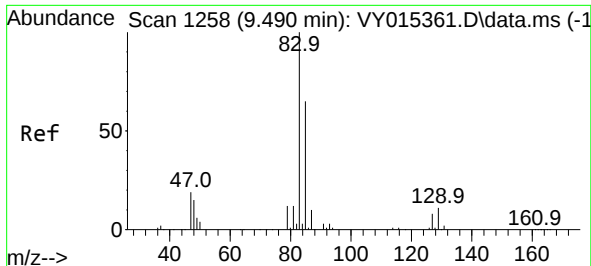
Ion Ratio Lower Upper

93 100

95 81.7 66.6 100.0

174 96.2 84.8 127.2





#47

Bromodichloromethane

Concen: 52.153 ug/l

RT: 9.496 min Scan# 1258

Delta R.T. 0.006 min

Lab File: VY015640.D

Acq: 19 Sep 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

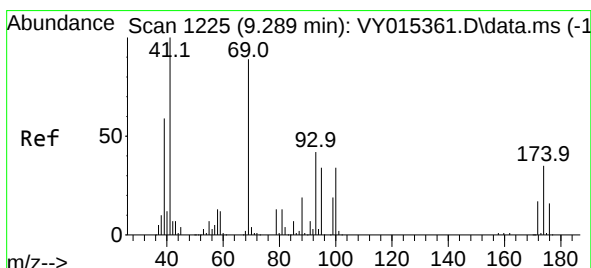
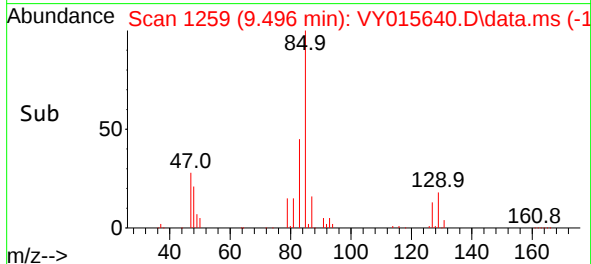
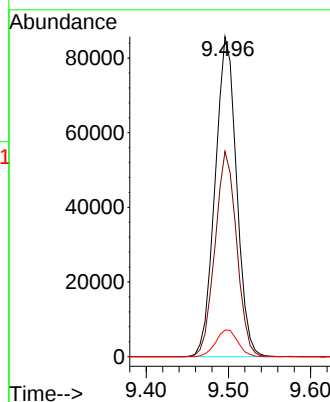
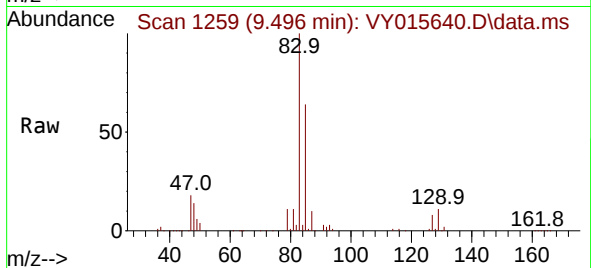
VSTDICCC050

Tgt Ion:	83	Resp:	155680
Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.1	75.1
127	8.3	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#48

Methyl methacrylate

Concen: 51.260 ug/l

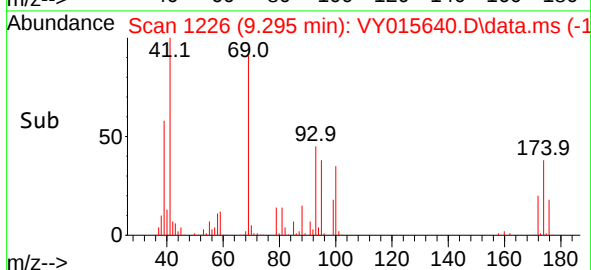
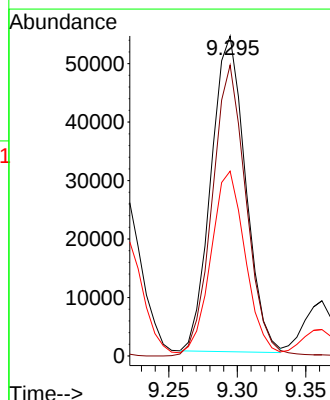
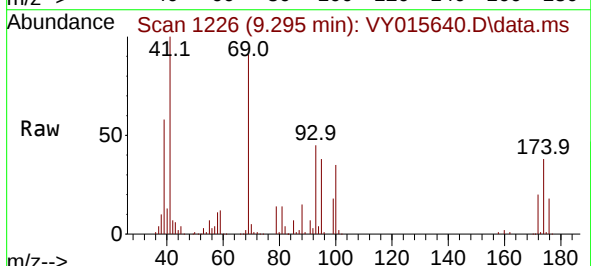
RT: 9.295 min Scan# 1226

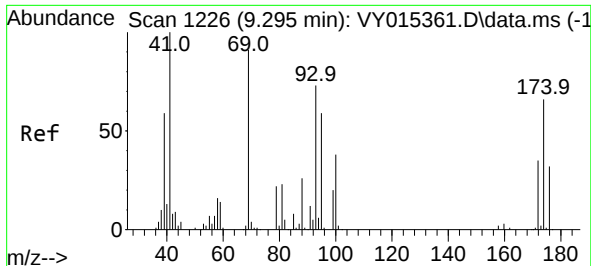
Delta R.T. 0.006 min

Lab File: VY015640.D

Acq: 19 Sep 2023 12:49

Tgt Ion:	41	Resp:	94381
Ion	Ratio	Lower	Upper
41	100		
69	91.2	64.5	96.7
39	58.5	50.8	76.2





#49

1,4-Dioxane

Concen: 974.470 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.012 min

Lab File: VY015640.D

Acq: 19 Sep 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

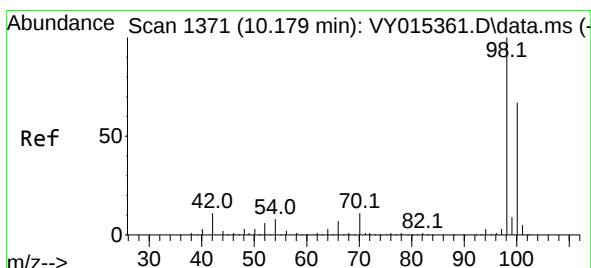
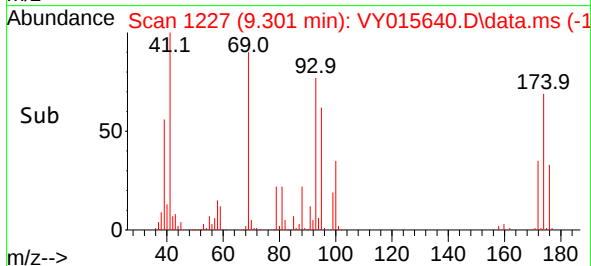
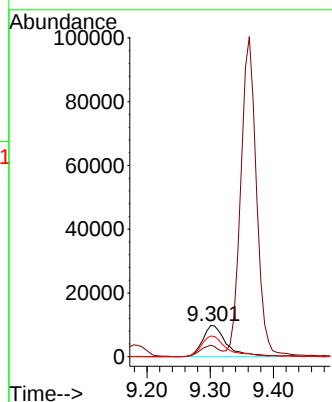
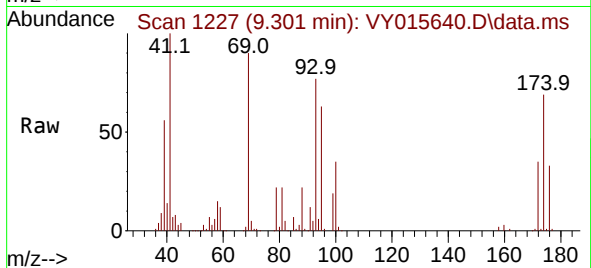
VSTDICCC050

Tgt Ion: 88 Resp: 25783
 Ion Ratio Lower Upper
 88 100
 43 28.4 0.0 0.0
 58 70.2 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023
 Supervised By :Semsettin Yesilyurt 09/20/2023



#50

Toluene-d8

Concen: 44.655 ug/l

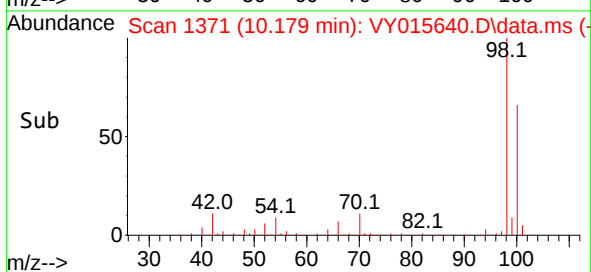
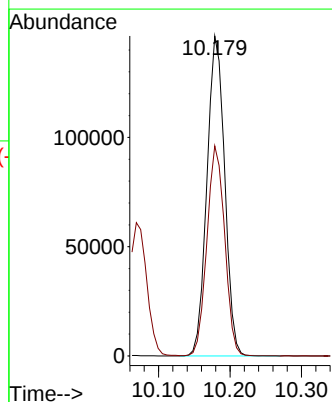
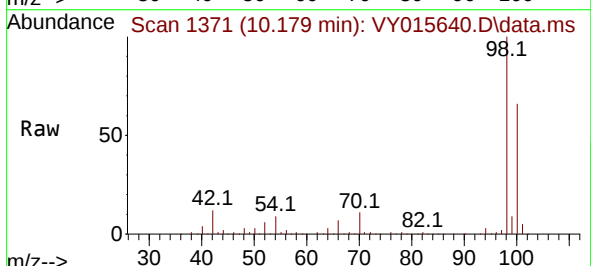
RT: 10.179 min Scan# 1371

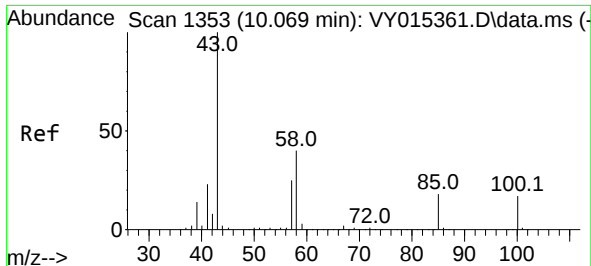
Delta R.T. -0.000 min

Lab File: VY015640.D

Acq: 19 Sep 2023 12:49

Tgt Ion: 98 Resp: 252104
 Ion Ratio Lower Upper
 98 100
 100 65.8 50.1 75.1





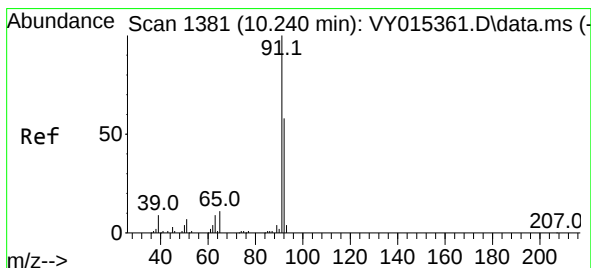
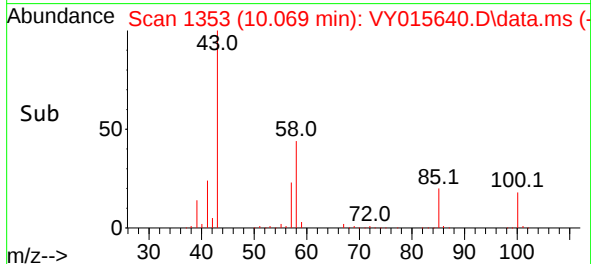
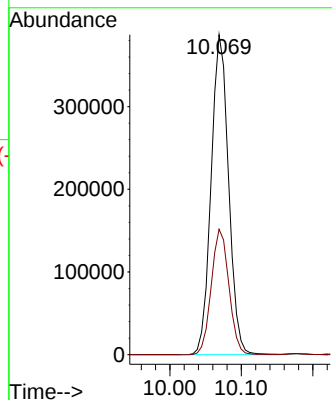
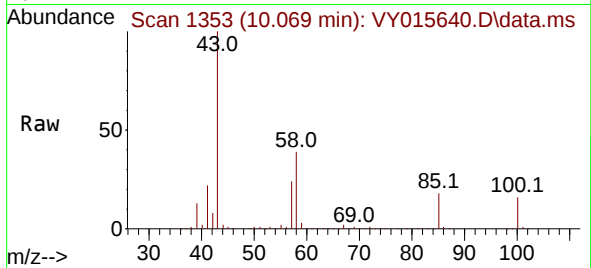
#51
4-Methyl-2-Pentanone
Concen: 252.320 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 656025
Ion Ratio Lower Upper
43 100
58 39.6 29.0 43.6

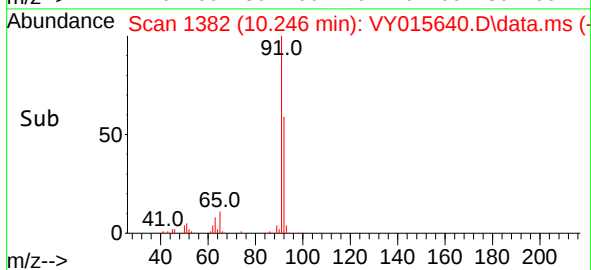
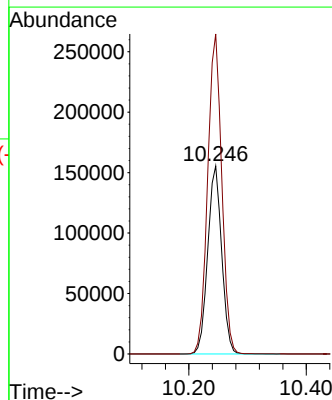
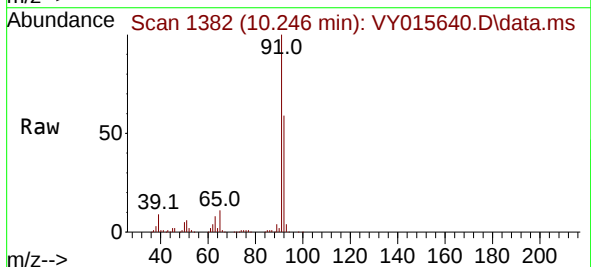
Manual Integrations
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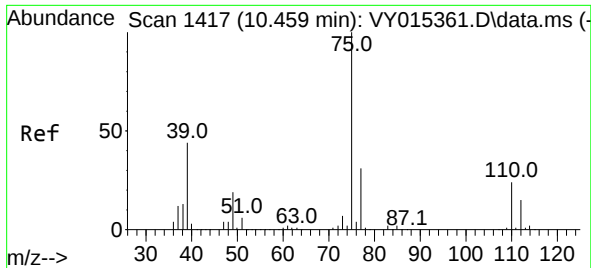
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#52
Toluene
Concen: 52.900 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49

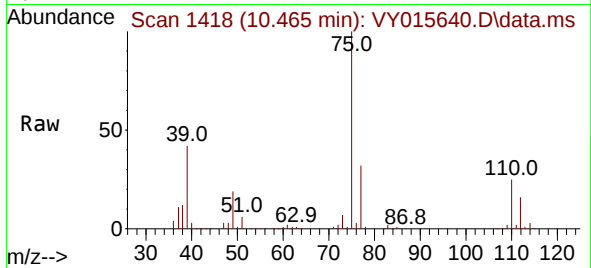
Tgt Ion: 92 Resp: 256045
Ion Ratio Lower Upper
92 100
91 171.9 143.8 215.6





#53
 t-1,3-Dichloropropene
 Concen: 52.738 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY015640.D
 Acq: 19 Sep 2023 12:49

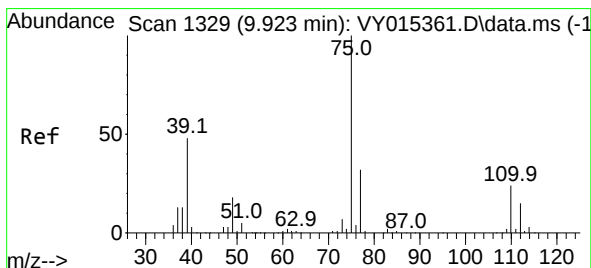
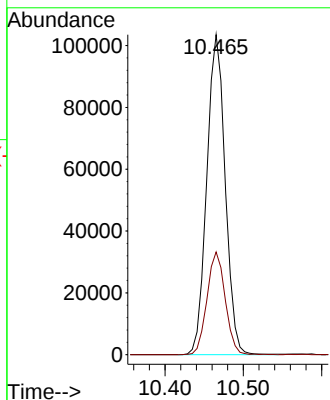
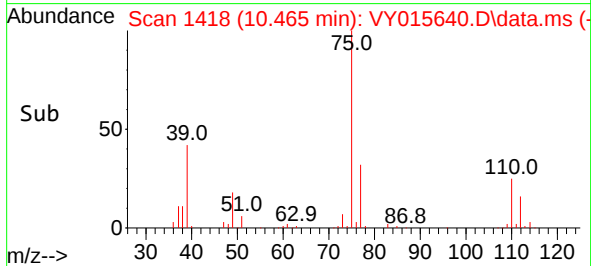
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 75 Resp: 168820
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.0 37.4

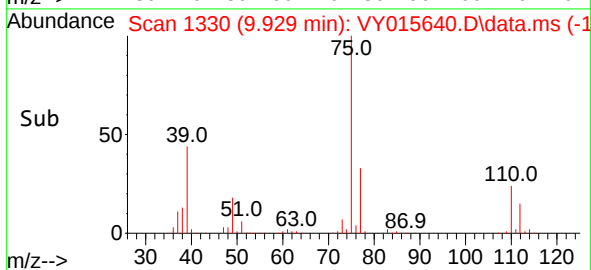
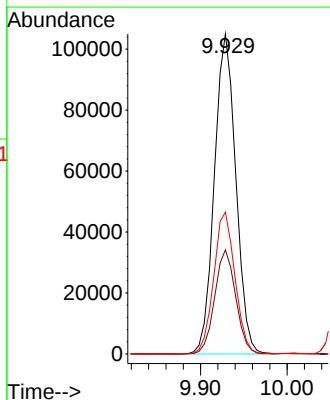
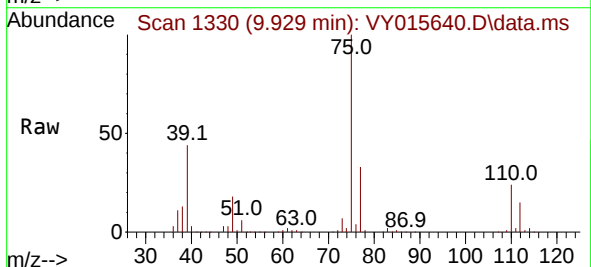
Manual Integrations
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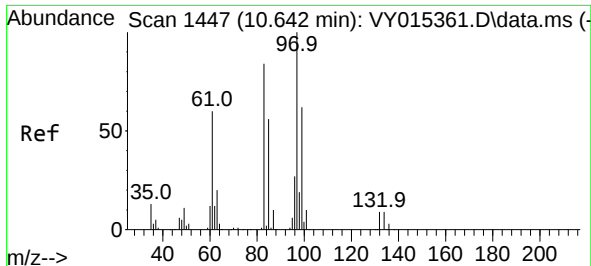
Reviewed By :Mahesh Dadoda 09/20/2023
 Supervised By :Semsettin Yesilyurt 09/20/2023



#54
 cis-1,3-Dichloropropene
 Concen: 52.305 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY015640.D
 Acq: 19 Sep 2023 12:49

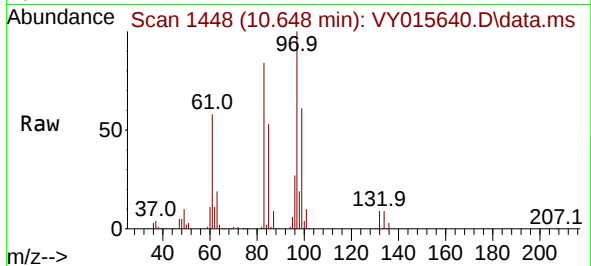
Tgt Ion: 75 Resp: 180237
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.2 36.4
 39 44.3 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 51.374 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49

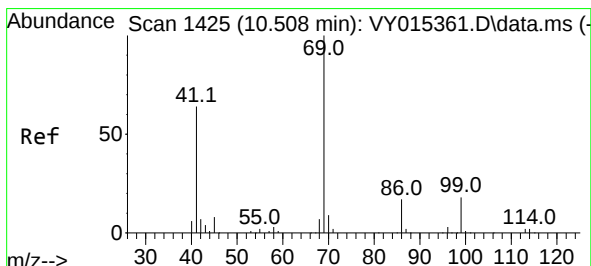
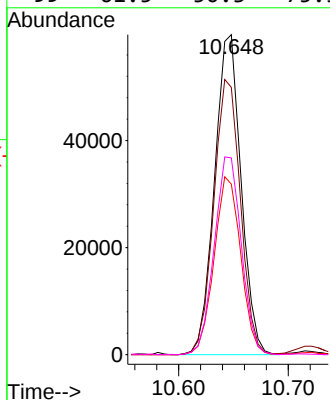
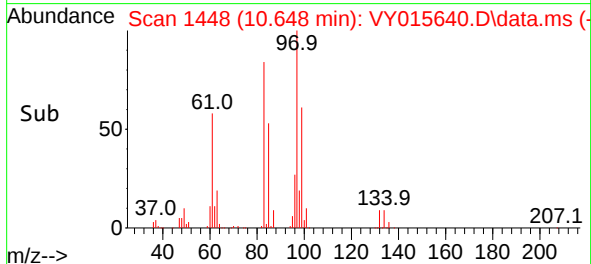
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion:	97	Resp:	10083
Ion	Ratio	Lower	Upper
97	100		
83	83.6	72.0	108.0
85	53.3	45.4	68.0
99	61.5	50.3	75.5

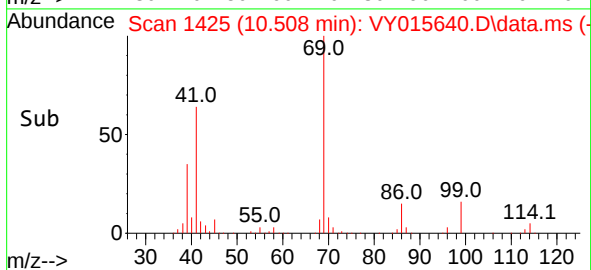
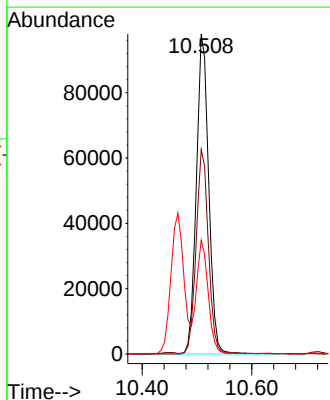
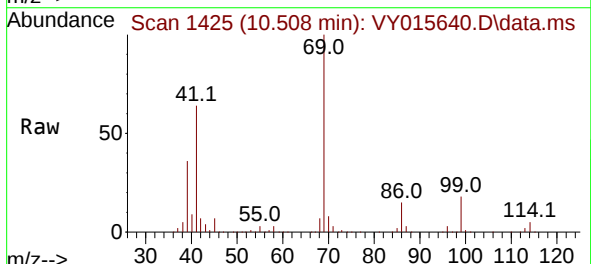
Manual Integrations
APPROVED

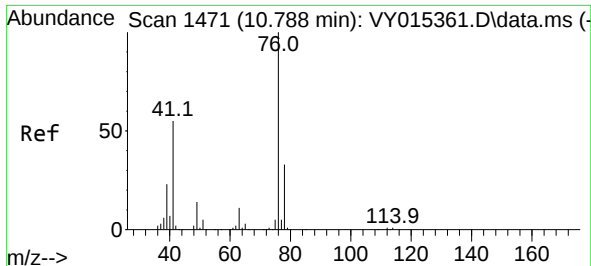
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#56
Ethyl methacrylate
Concen: 53.076 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49

Tgt Ion:	69	Resp:	153516
Ion	Ratio	Lower	Upper
69	100		
41	63.2	57.6	86.4
39	33.0	34.1	51.1





#57

1,3-Dichloropropane

Concen: 51.866 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY015640.D

Acq: 19 Sep 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 170708

Ion Ratio Lower Upper

76 100

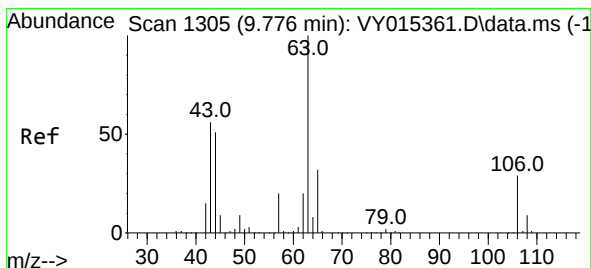
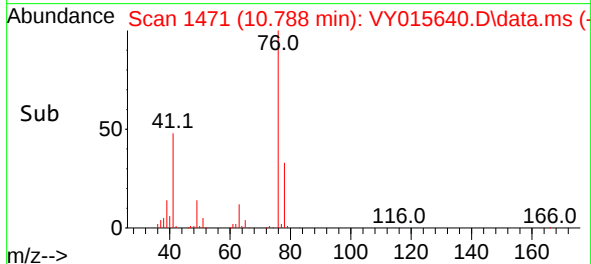
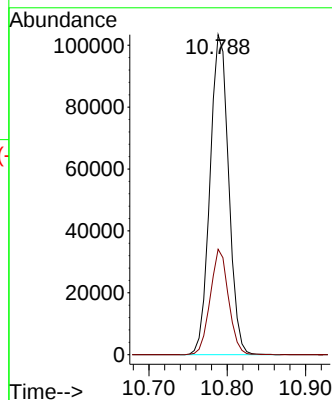
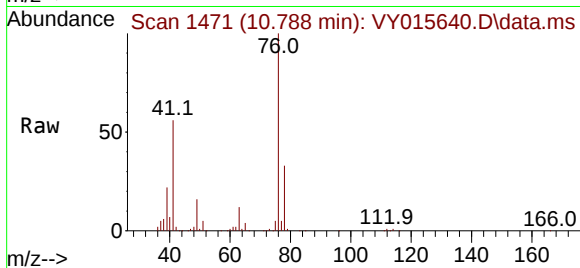
78 32.3 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023

Supervised By :Semsettin Yesilyurt 09/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 240.638 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.006 min

Lab File: VY015640.D

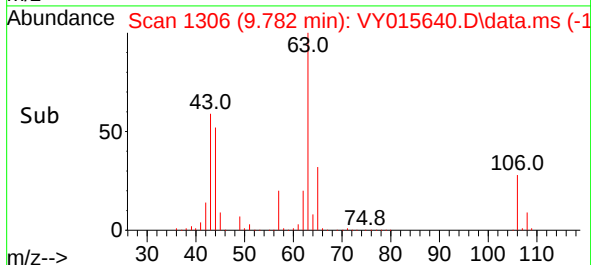
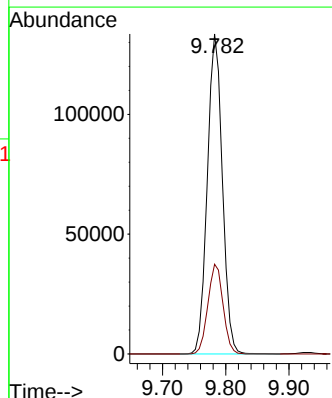
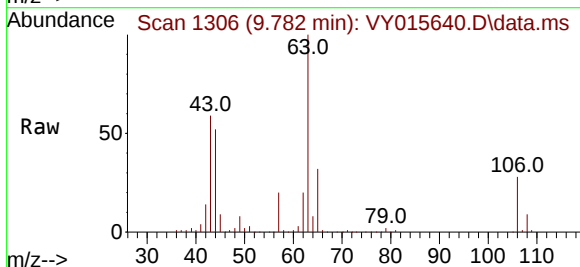
Acq: 19 Sep 2023 12:49

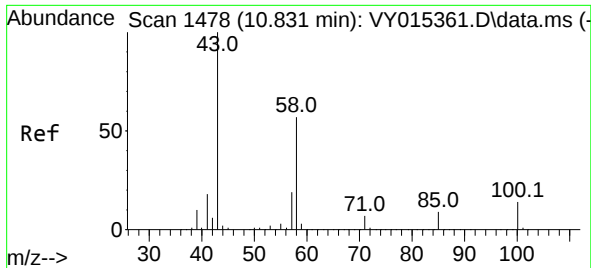
Tgt Ion: 63 Resp: 221084

Ion Ratio Lower Upper

63 100

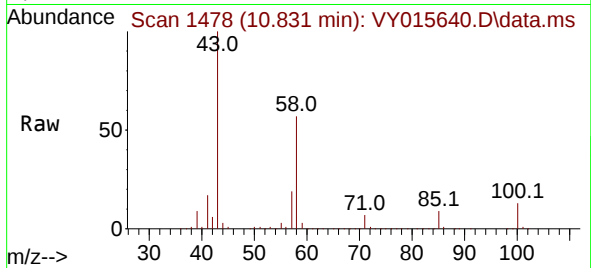
106 28.2 21.2 31.8





#59
2-Hexanone
Concen: 249.325 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49

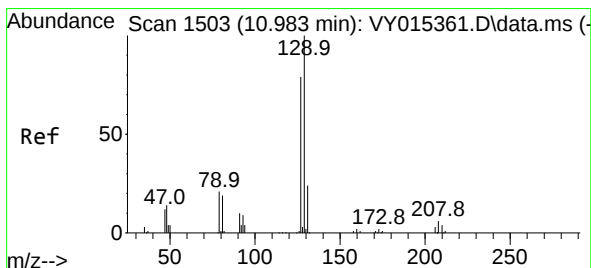
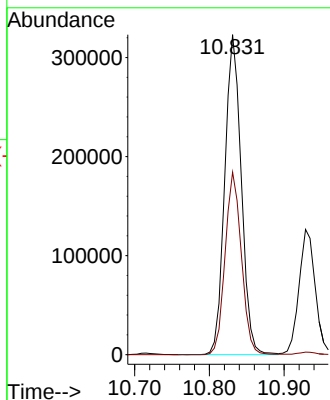
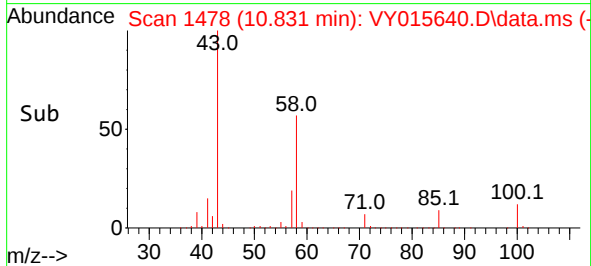
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 497336
Ion Ratio Lower Upper
43 100
58 56.2 25.1 75.3

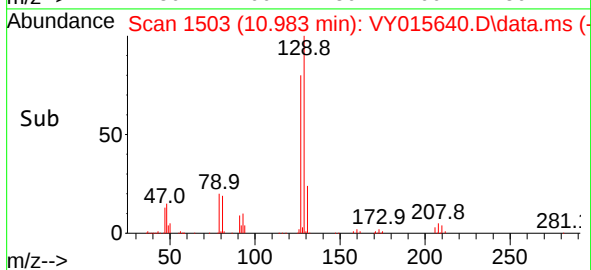
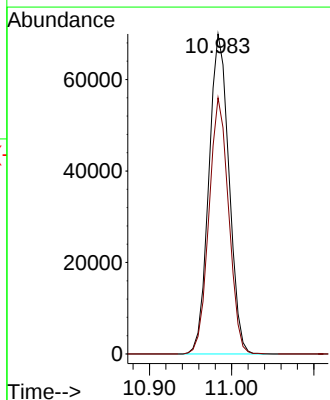
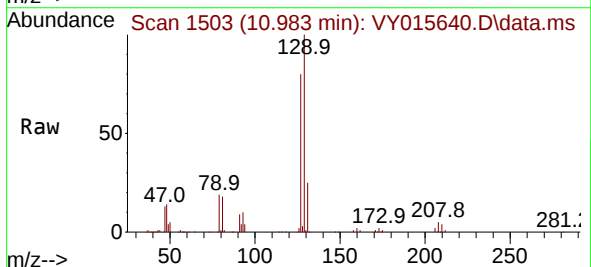
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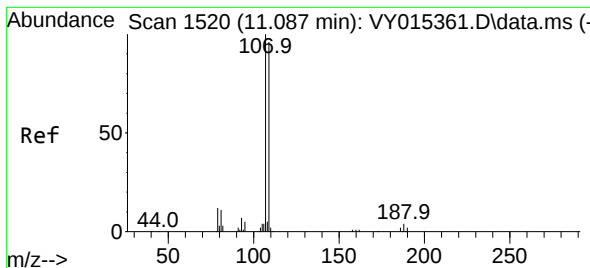
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#60
Dibromochloromethane
Concen: 51.891 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49

Tgt Ion:129 Resp: 118888
Ion Ratio Lower Upper
129 100
127 78.3 38.5 115.5





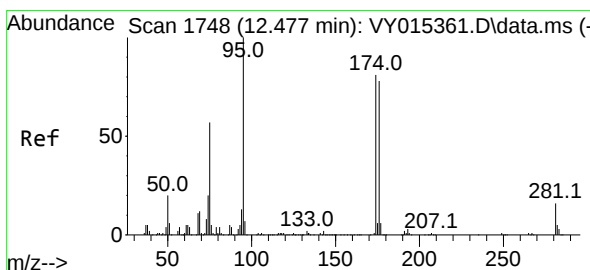
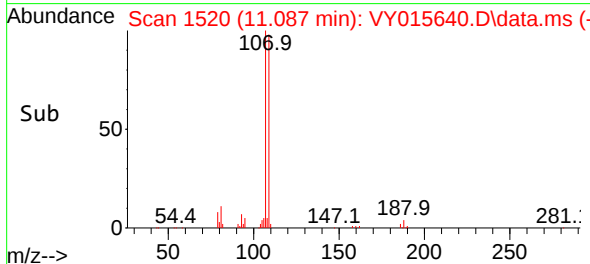
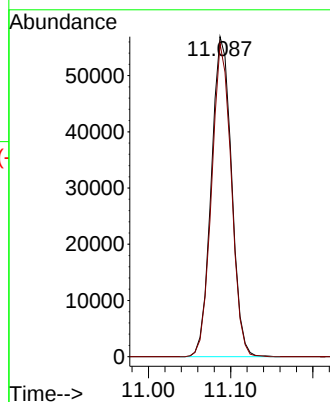
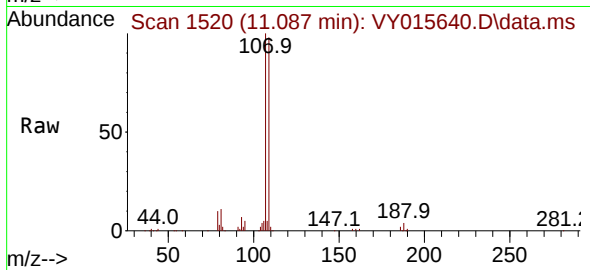
#61
1,2-Dibromoethane
Concen: 50.685 ug/l
RT: 11.087 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 97320
Ion Ratio Lower Upper
107 100
109 94.9 75.6 113.4

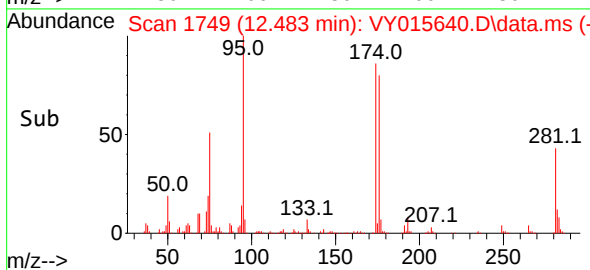
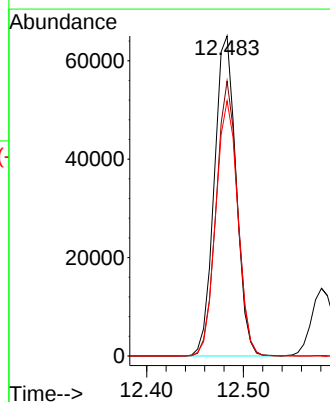
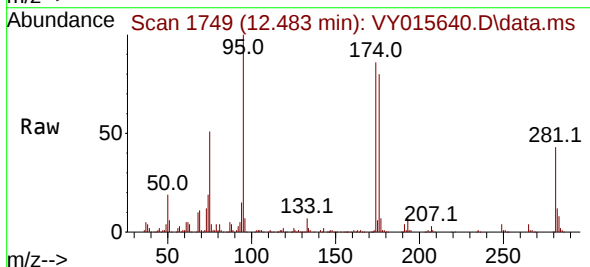
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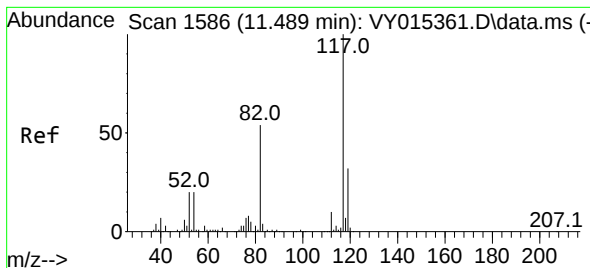
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#62
4-Bromofluorobenzene
Concen: 45.843 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49

Tgt Ion: 95 Resp: 101566
Ion Ratio Lower Upper
95 100
174 84.0 0.0 178.2
176 81.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015640.D

Acq: 19 Sep 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

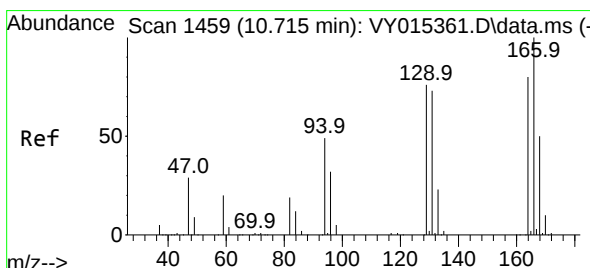
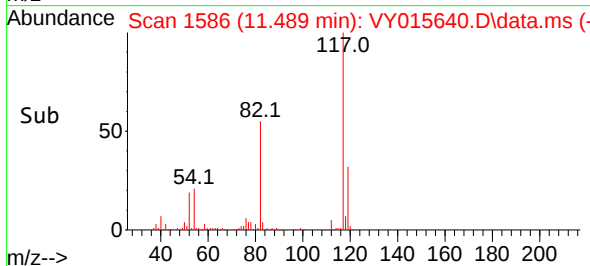
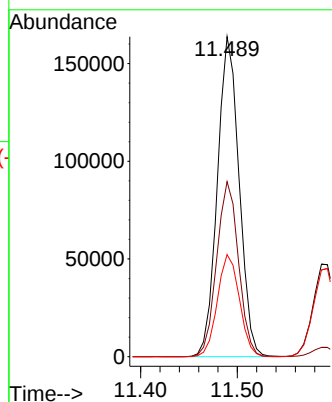
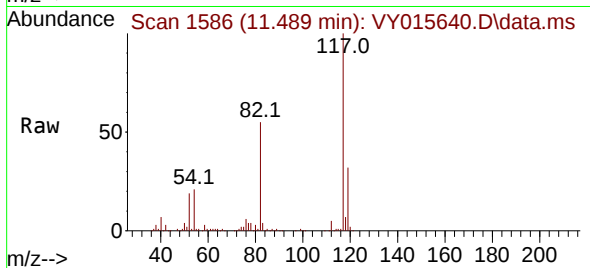
VSTDICCC050

Tgt Ion:	117	Resp:	25556
Ion Ratio	Lower	Upper	
117	100		
82	54.7	43.4	65.0
119	31.9	26.3	39.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#64

Tetrachloroethene

Concen: 51.880 ug/l

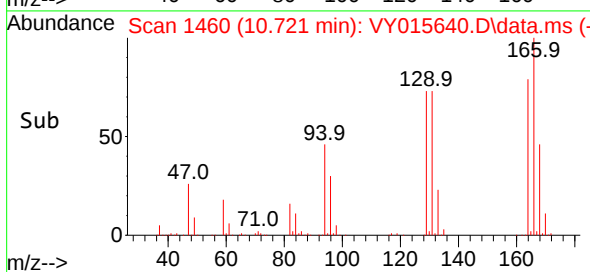
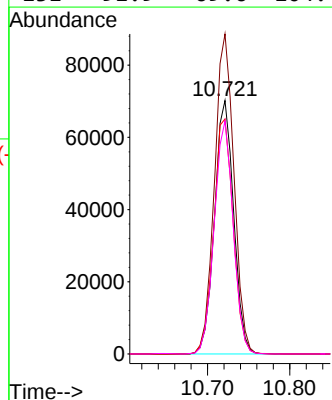
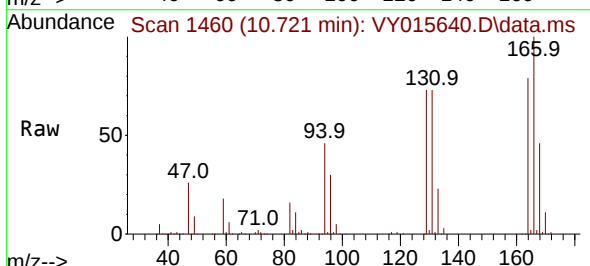
RT: 10.721 min Scan# 1460

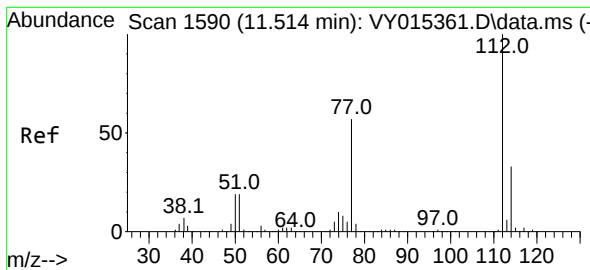
Delta R.T. 0.006 min

Lab File: VY015640.D

Acq: 19 Sep 2023 12:49

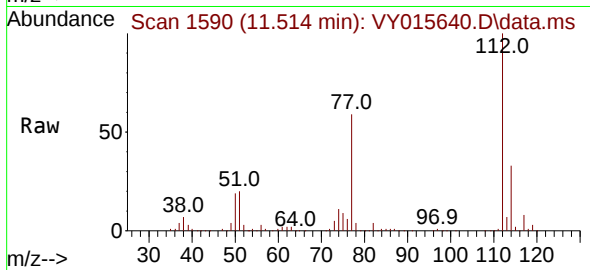
Tgt Ion:	164	Resp:	113755
Ion Ratio	Lower	Upper	
164	100		
166	126.2	103.0	154.6
129	92.7	77.2	115.8
131	91.9	69.6	104.4





#65
Chlorobenzene
Concen: 51.299 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49

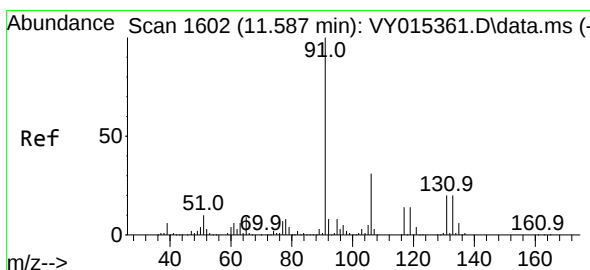
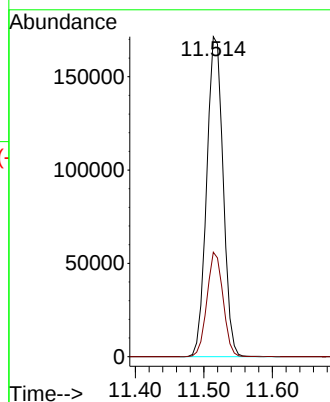
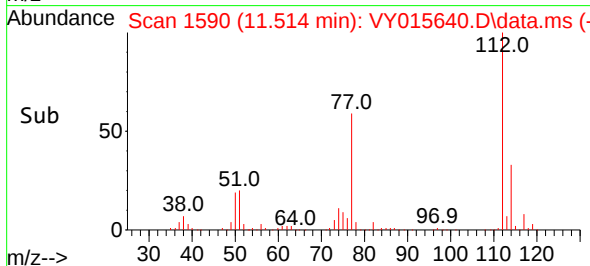
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion:112 Resp: 28617
Ion Ratio Lower Upper
112 100
114 32.7 25.5 38.3

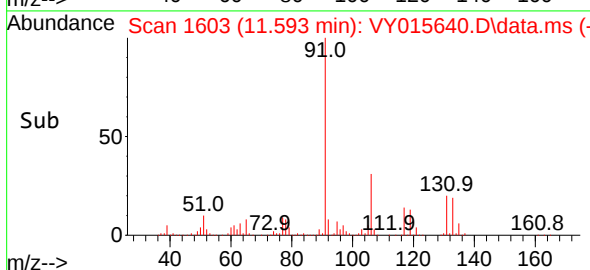
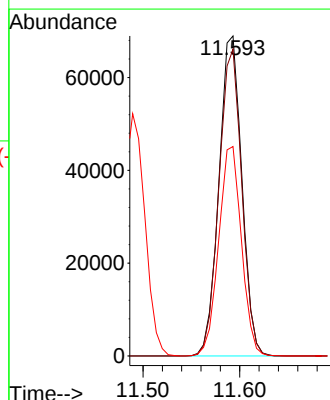
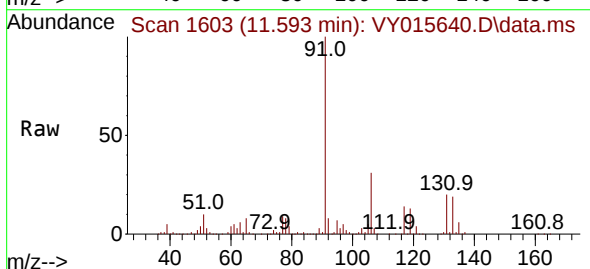
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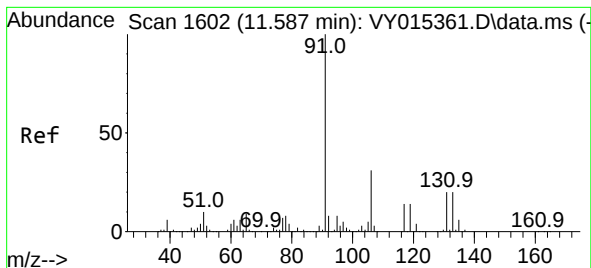
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 52.235 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49

Tgt Ion:131 Resp: 113188
Ion Ratio Lower Upper
131 100
133 95.5 47.5 142.6
119 65.2 31.6 94.7





#67

Ethyl Benzene

Concen: 52.544 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015640.D

Acq: 19 Sep 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 51232

Ion Ratio Lower Upper

91 100

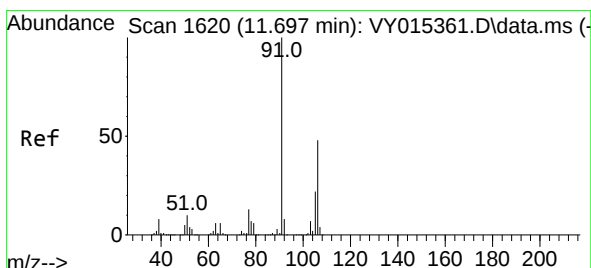
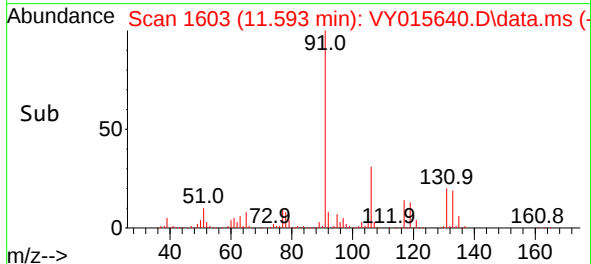
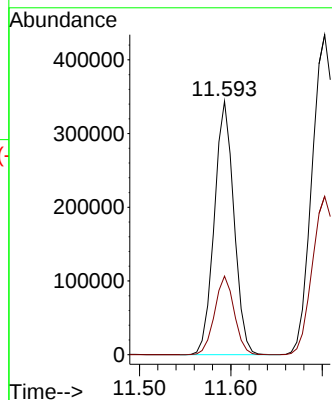
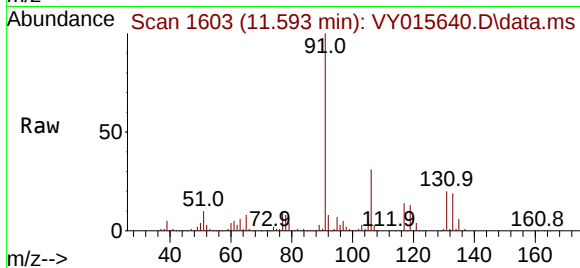
106 31.0 24.6 36.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 09/20/2023

Supervised By :Semsettin Yesilyurt 09/20/2023



#68

m/p-Xylenes

Concen: 105.144 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY015640.D

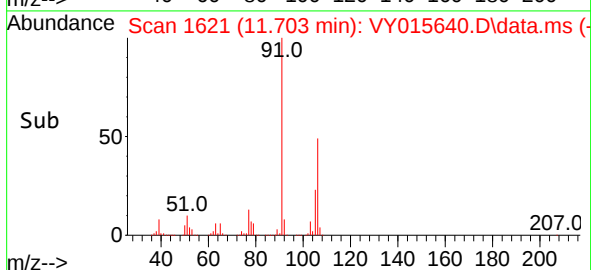
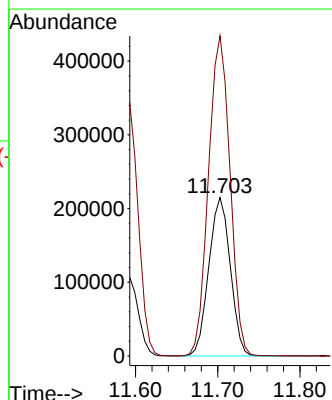
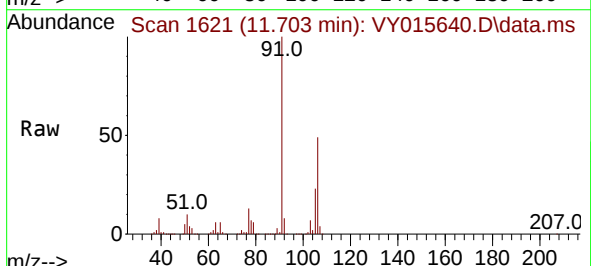
Acq: 19 Sep 2023 12:49

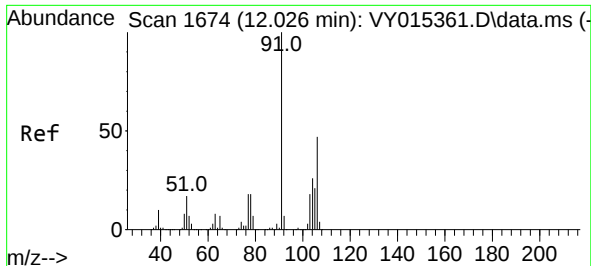
Tgt Ion:106 Resp: 389663

Ion Ratio Lower Upper

106 100

91 203.1 166.1 249.1





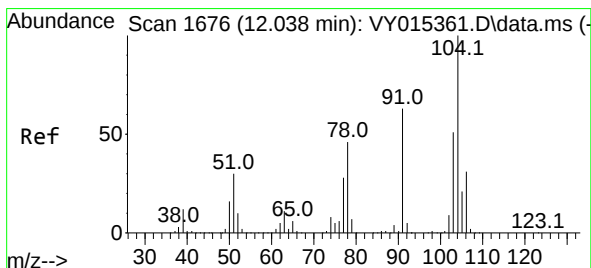
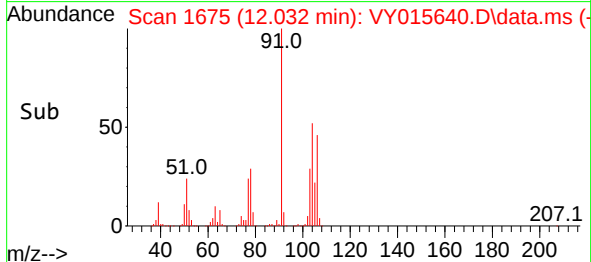
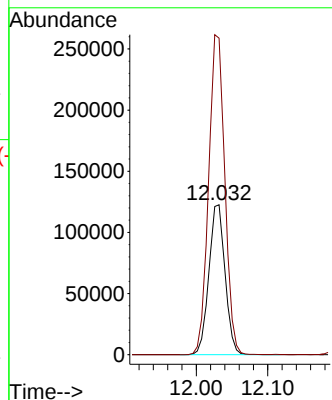
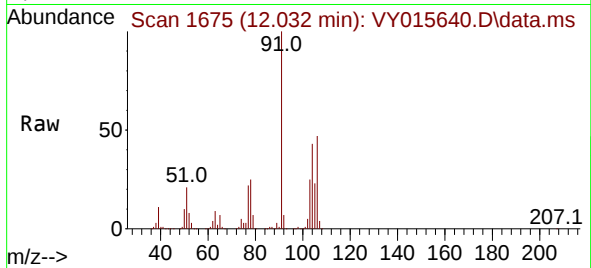
#69
o-Xylene
Concen: 52.884 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 192180
Ion Ratio Lower Upper
106 100
91 214.2 108.1 324.3

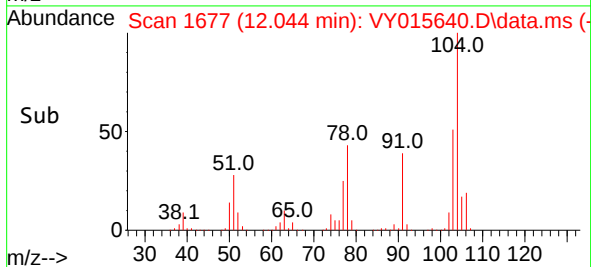
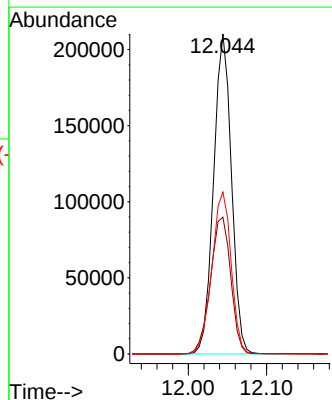
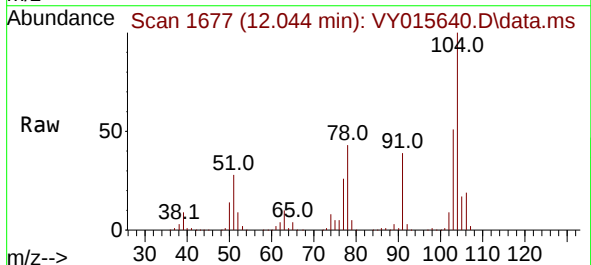
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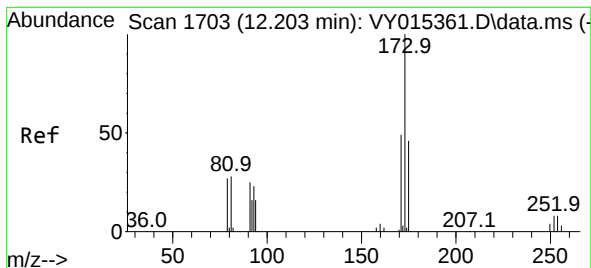
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#70
Styrene
Concen: 53.532 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49

Tgt Ion:104 Resp: 332987
Ion Ratio Lower Upper
104 100
78 48.6 41.5 62.3
103 54.7 44.6 67.0





#71

Bromoform

Concen: 52.339 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY015640.D

Acq: 19 Sep 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

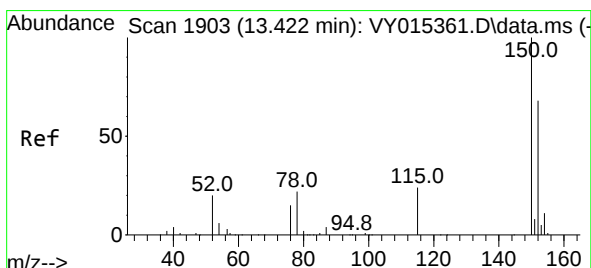
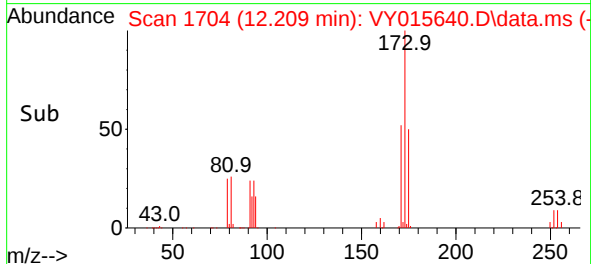
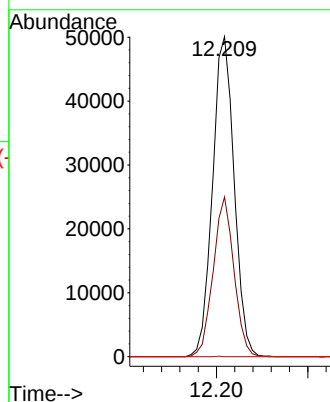
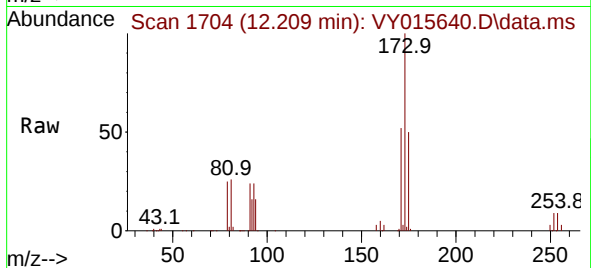
VSTDICCC050

Tgt Ion:173	Resp:	8218
Ion Ratio	Lower	Upper
173	100	
175	48.0	24.6 73.8
254	0.0	0.2 0.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

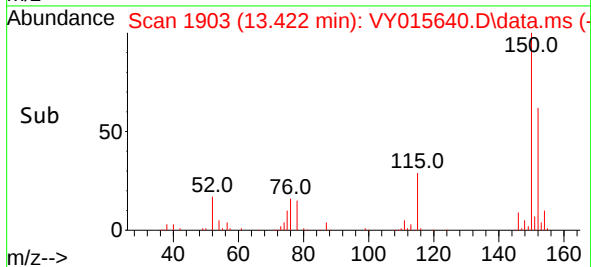
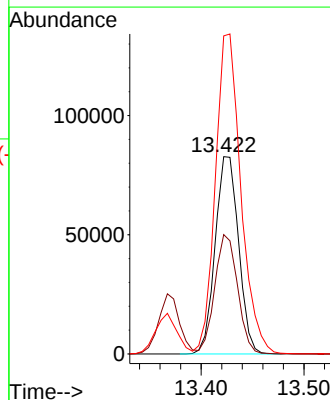
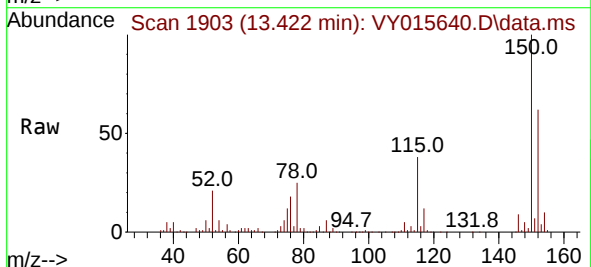
RT: 13.422 min Scan# 1903

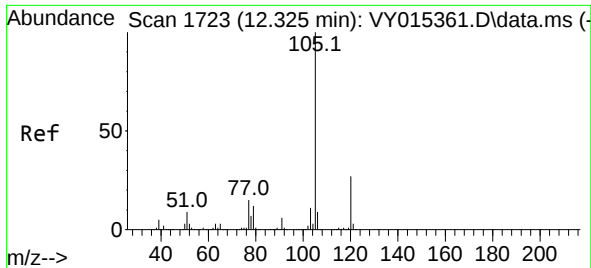
Delta R.T. -0.000 min

Lab File: VY015640.D

Acq: 19 Sep 2023 12:49

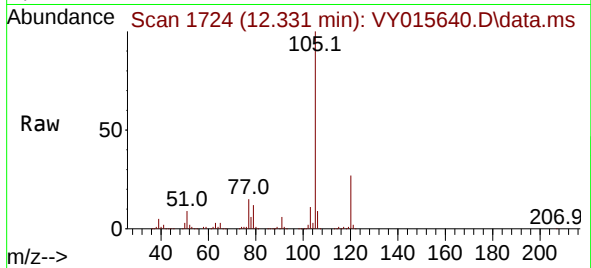
Tgt Ion:152	Resp:	130762
Ion Ratio	Lower	Upper
152	100	
115	59.0	28.8 86.5
150	177.1	0.0 348.8





#73
Isopropylbenzene
Concen: 51.529 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49

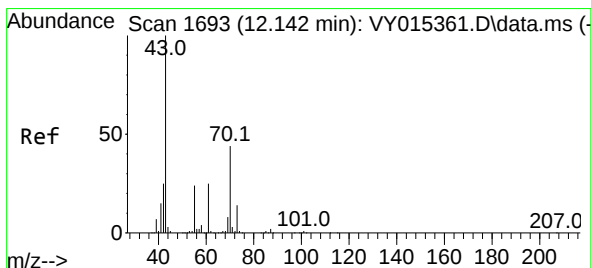
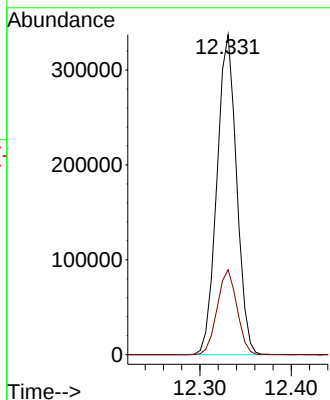
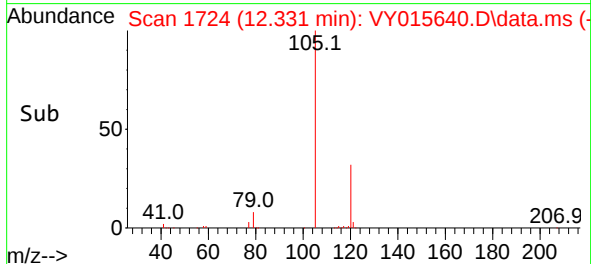
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 105 Resp: 505463
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9

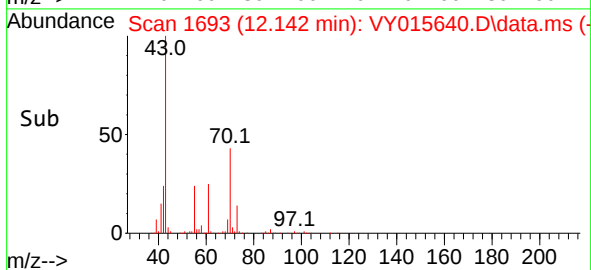
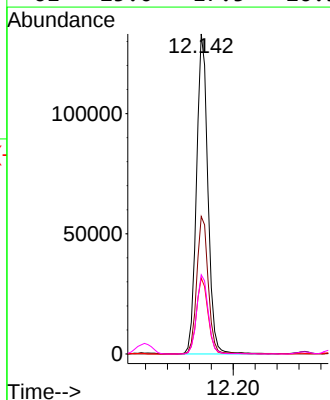
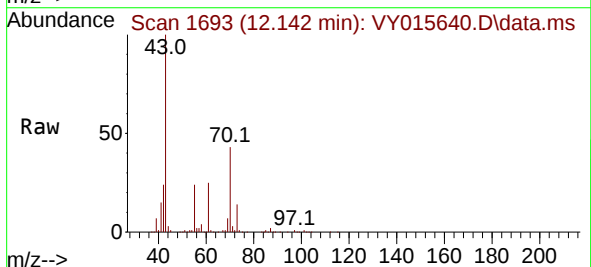
Manual Integrations
APPROVED

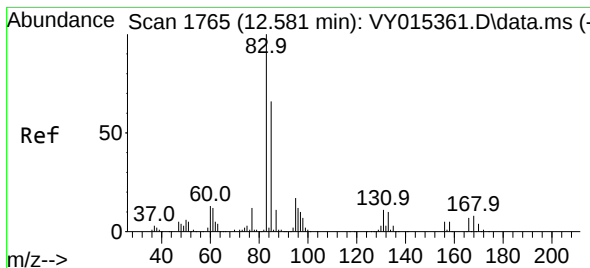
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#74
N-ethyl acetate
Concen: 52.274 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49

Tgt Ion: 43 Resp: 192725
Ion Ratio Lower Upper
43 100
70 43.3 29.7 44.5
55 24.1 18.3 27.5
61 25.0 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 49.634 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY015640.D

Acq: 19 Sep 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

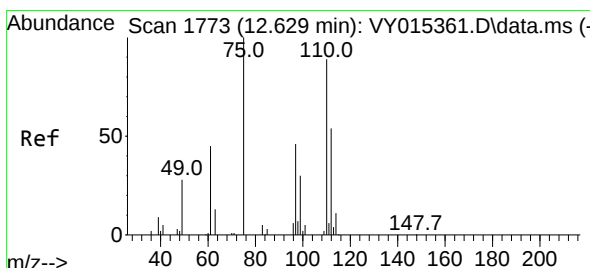
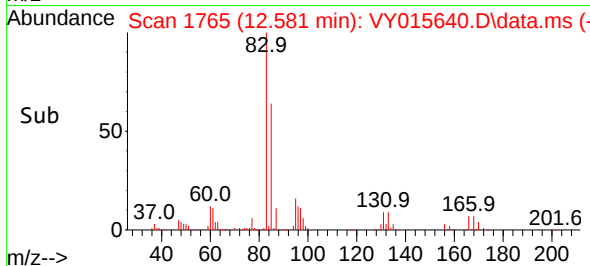
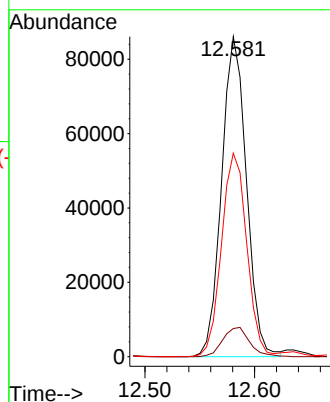
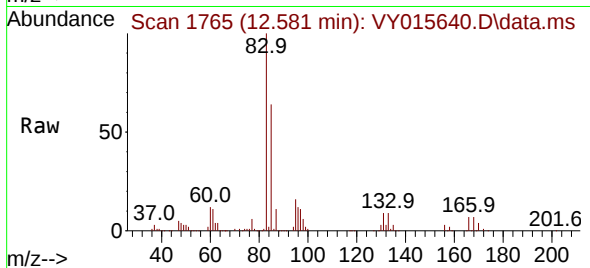
VSTDICCC050

Tgt Ion:	83	Resp:	13550
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.4	16.2
85	64.5	31.8	95.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#76

1,2,3-Trichloropropane

Concen: 49.408 ug/l m

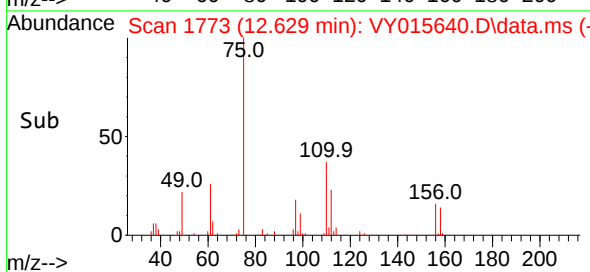
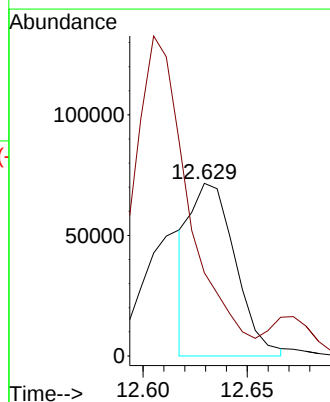
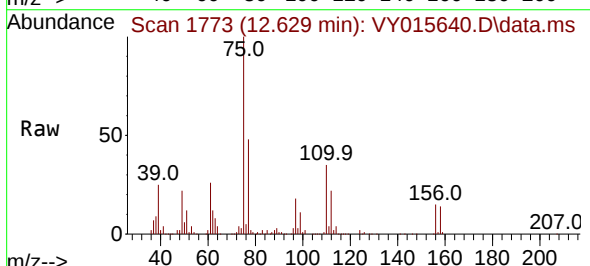
RT: 12.629 min Scan# 1773

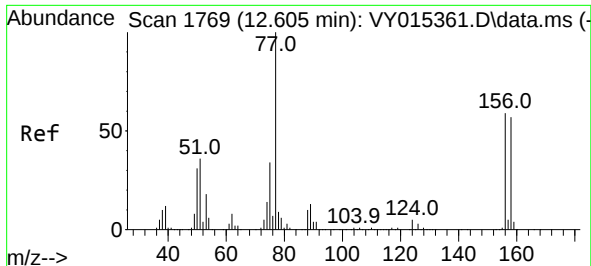
Delta R.T. -0.000 min

Lab File: VY015640.D

Acq: 19 Sep 2023 12:49

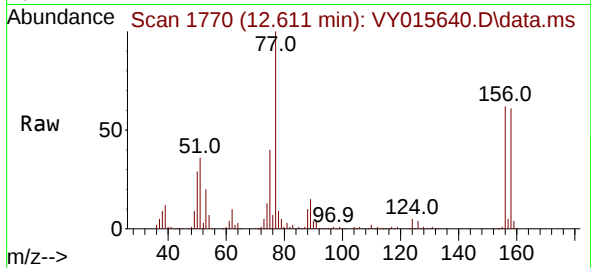
Tgt Ion:	75	Resp:	108206
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77
Bromobenzene
Concen: 51.055 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49

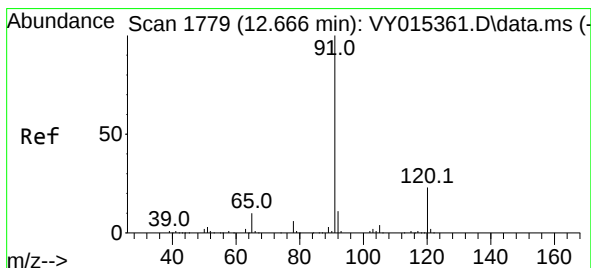
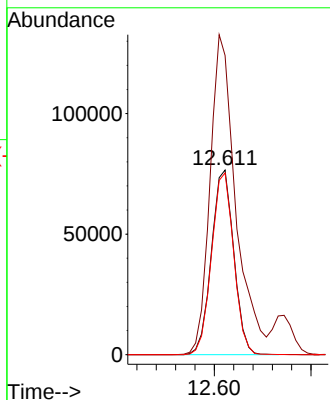
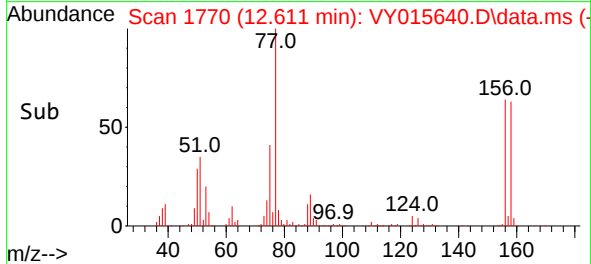
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion:156 Resp: 122935
Ion Ratio Lower Upper
156 100
77 198.9 92.8 278.6
158 97.6 48.4 145.3

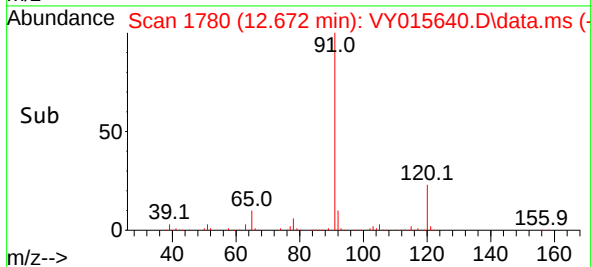
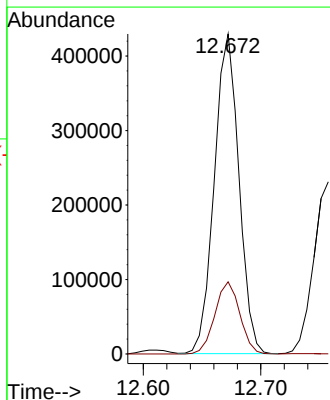
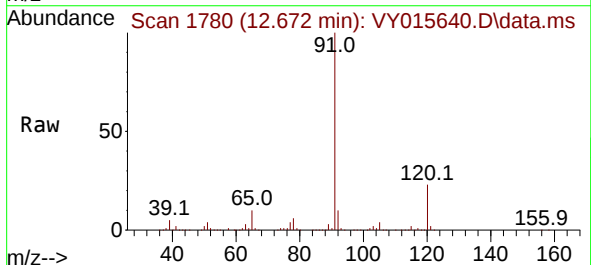
Manual Integrations
APPROVED

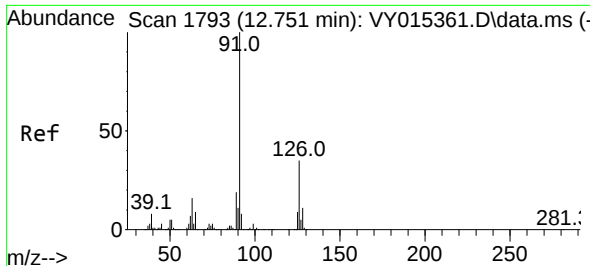
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#78
n-propylbenzene
Concen: 52.399 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49

Tgt Ion: 91 Resp: 624440
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.4





#79

2-Chlorotoluene

Concen: 52.243 ug/l

RT: 12.757 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015640.D

Acq: 19 Sep 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 35488

Ion Ratio Lower Upper

91 100

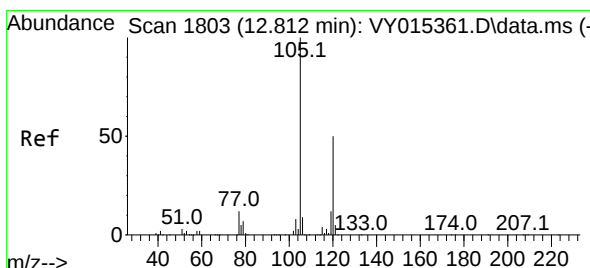
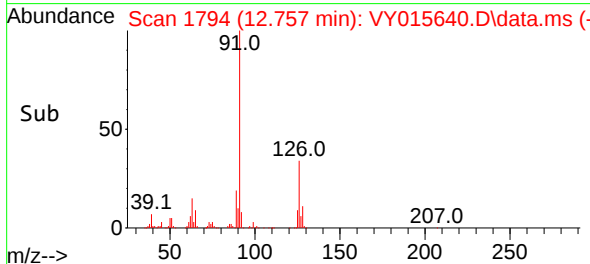
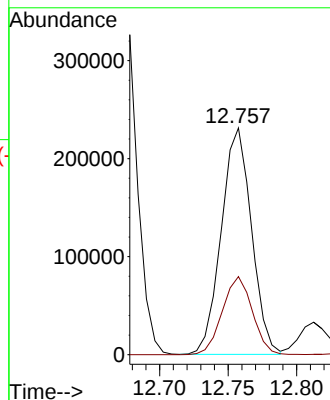
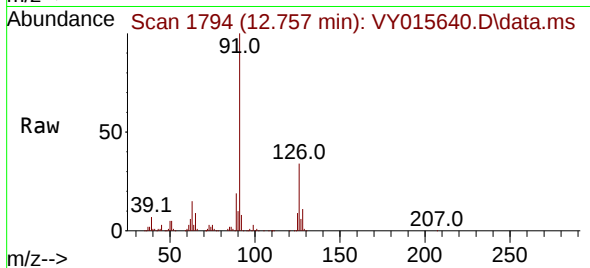
126 34.2 17.3 51.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023

Supervised By :Semsettin Yesilyurt 09/20/2023



#80

1,3,5-Trimethylbenzene

Concen: 52.143 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY015640.D

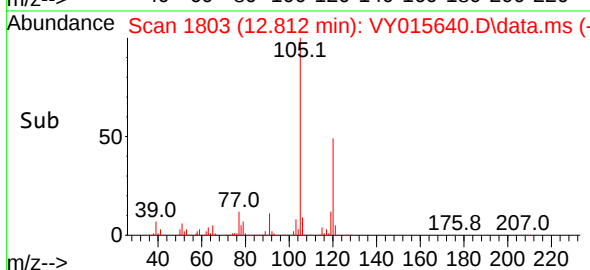
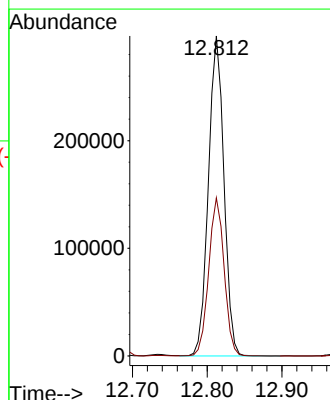
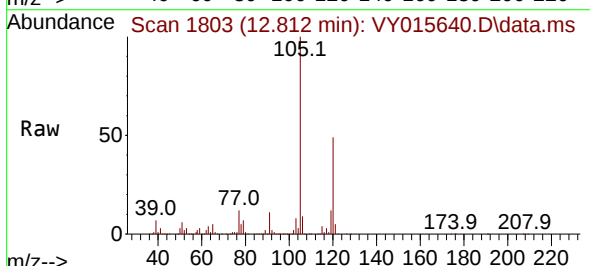
Acq: 19 Sep 2023 12:49

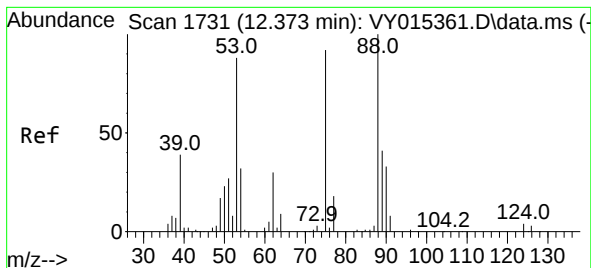
Tgt Ion:105 Resp: 428207

Ion Ratio Lower Upper

105 100

120 49.2 23.9 71.7





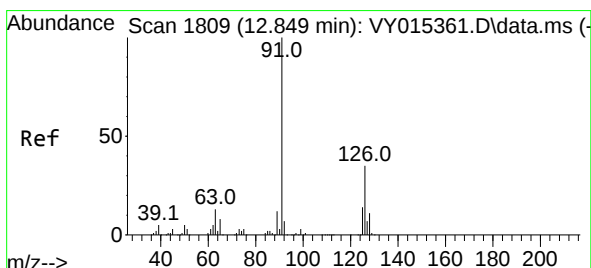
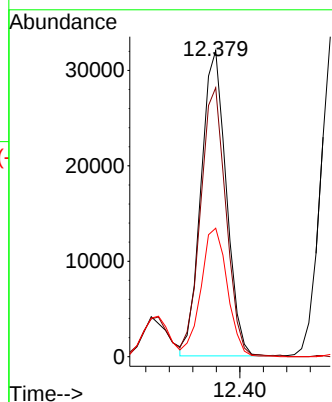
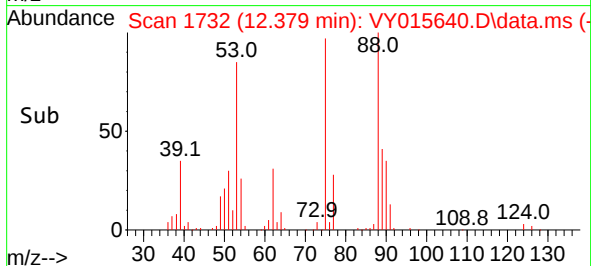
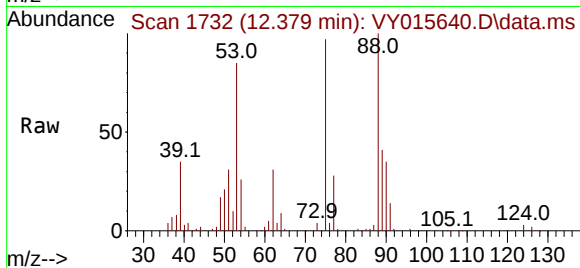
#81
trans-1,4-Dichloro-2-butene
Concen: 51.405 ug/l
RT: 12.379 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 47620
Ion Ratio Lower Upper
75 100
53 89.3 77.8 116.8
89 44.3 37.4 56.0

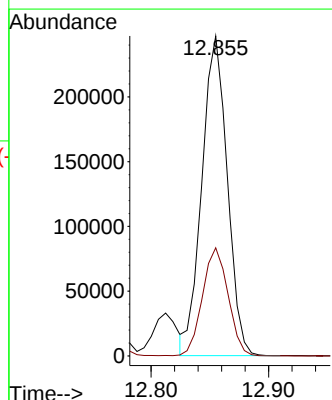
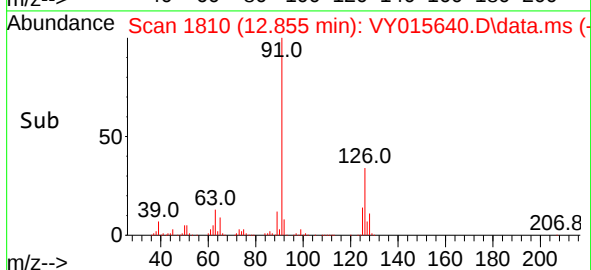
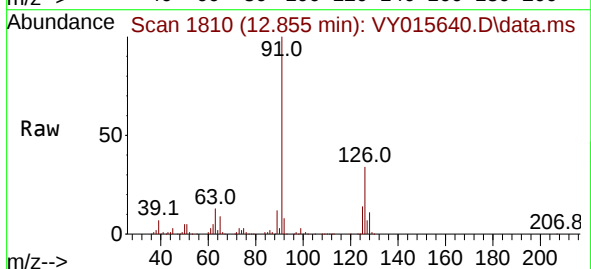
Manual Integrations
APPROVED

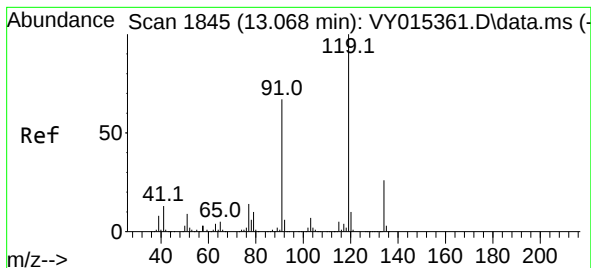
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#82
4-Chlorotoluene
Concen: 52.290 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49

Tgt Ion: 91 Resp: 370806
Ion Ratio Lower Upper
91 100
126 34.3 17.2 51.6





#83

tert-Butylbenzene

Concen: 52.136 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY015640.D

Acq: 19 Sep 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

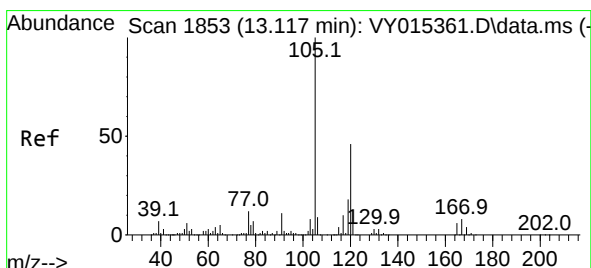
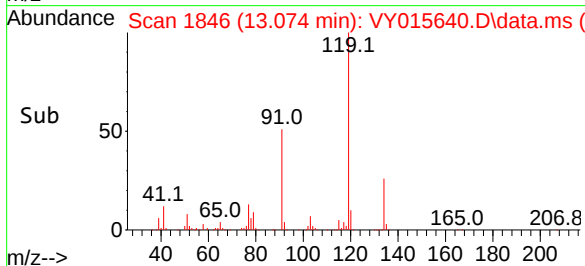
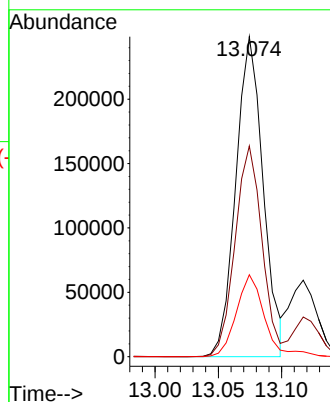
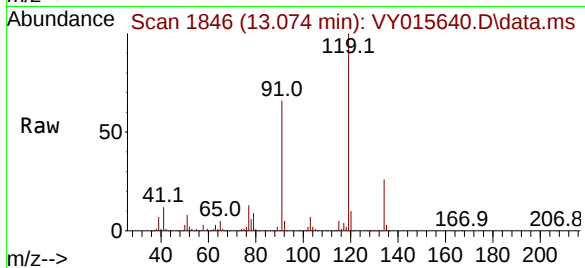
VSTDICCC050

Tgt Ion:	119	Resp:	37499
Ion	Ratio	Lower	Upper
119	100		
91	64.8	32.9	98.6
134	26.4	13.0	38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#84

1,2,4-Trimethylbenzene

Concen: 52.705 ug/l

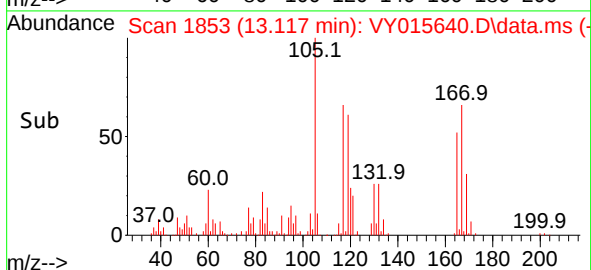
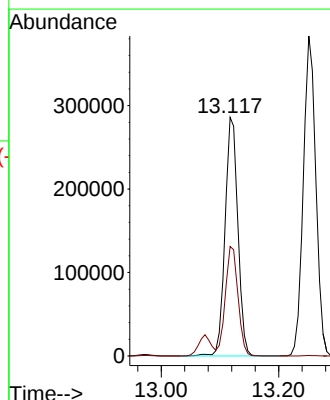
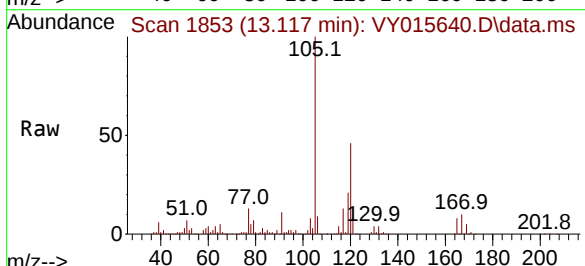
RT: 13.117 min Scan# 1853

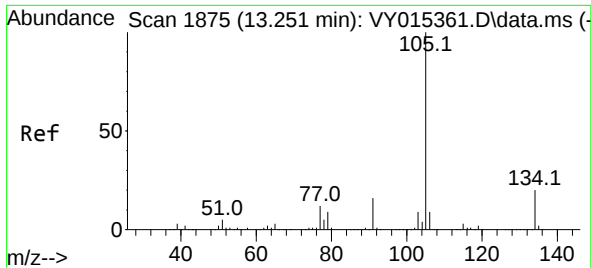
Delta R.T. -0.000 min

Lab File: VY015640.D

Acq: 19 Sep 2023 12:49

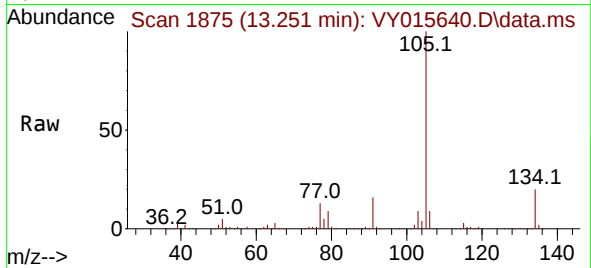
Tgt Ion:	105	Resp:	433067
Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.2	66.6





#85
 sec-Butylbenzene
 Concen: 52.505 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY015640.D
 Acq: 19 Sep 2023 12:49

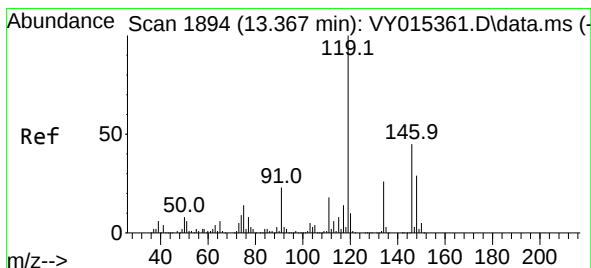
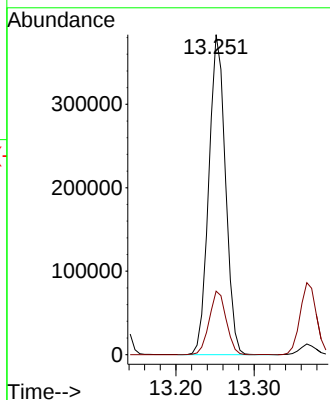
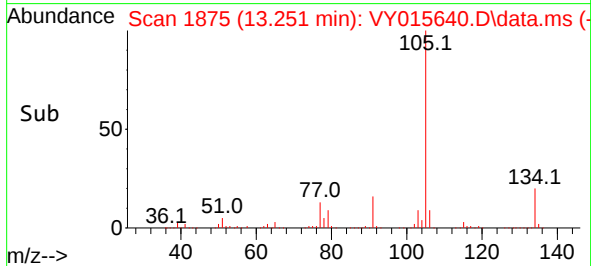
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050



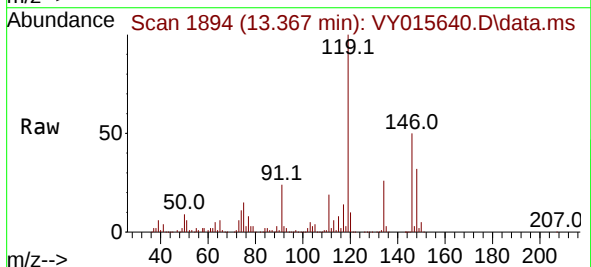
Tgt Ion:105 Resp: 56514
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.6

Manual Integrations
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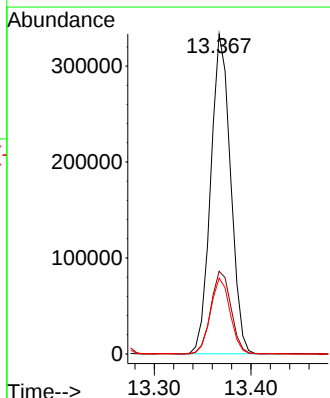
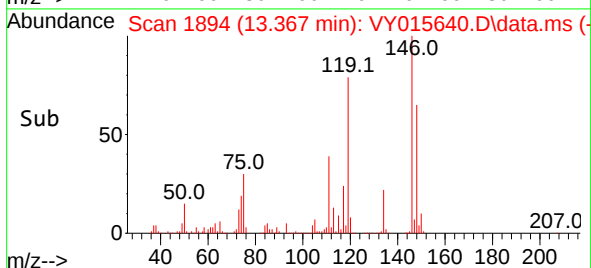
Reviewed By :Mahesh Dadoda 09/20/2023
 Supervised By :Semsettin Yesilyurt 09/20/2023

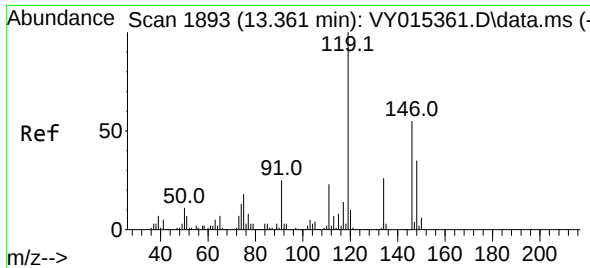


#86
 p-Isopropyltoluene
 Concen: 52.729 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY015640.D
 Acq: 19 Sep 2023 12:49



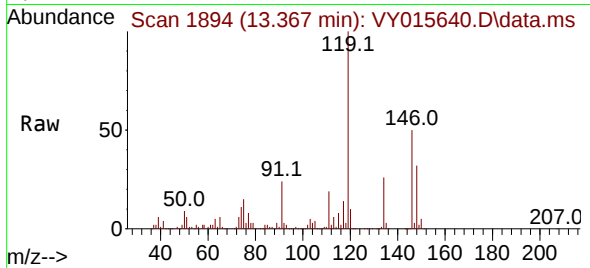
Tgt Ion:119 Resp: 474100
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.8
 91 23.5 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 51.817 ug/l
RT: 13.367 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49

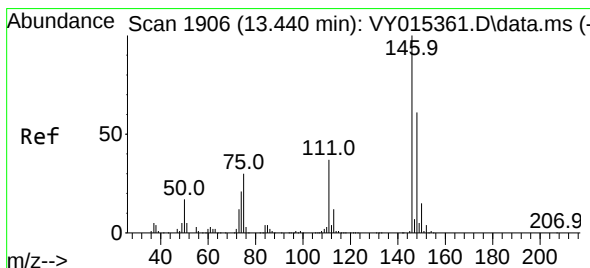
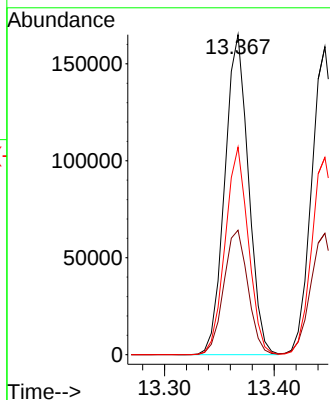
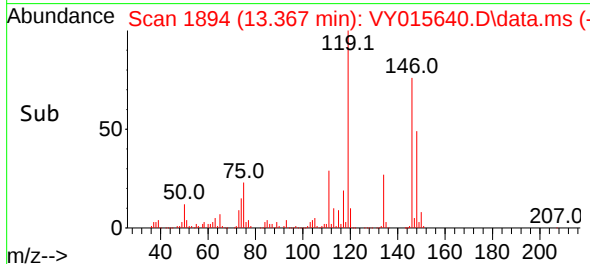
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



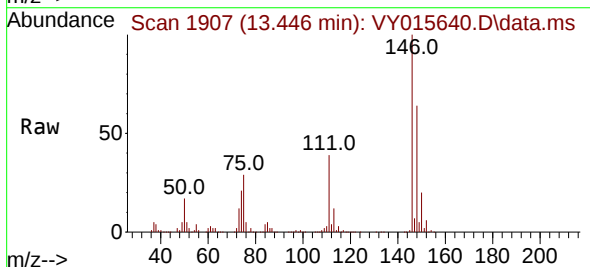
Tgt Ion:146 Resp: 247528
Ion Ratio Lower Upper
146 100
111 39.8 19.4 58.2
148 63.5 31.9 95.5

Manual Integrations
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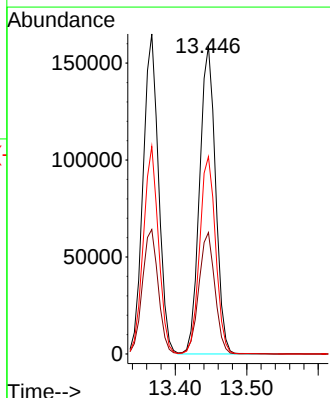
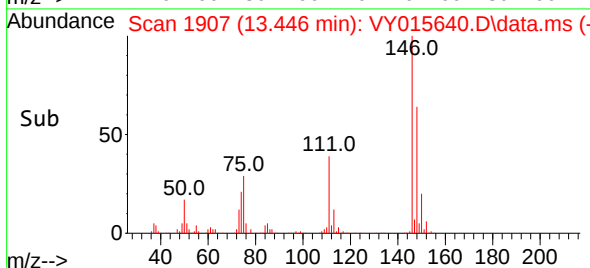
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023

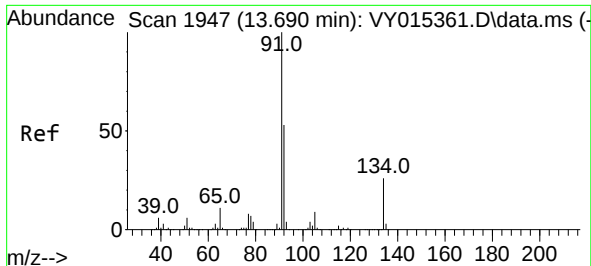


#88
1,4-Dichlorobenzene
Concen: 51.536 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49



Tgt Ion:146 Resp: 246217
Ion Ratio Lower Upper
146 100
111 39.5 18.9 56.7
148 64.1 32.1 96.5





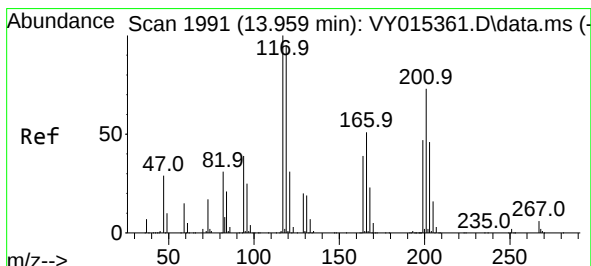
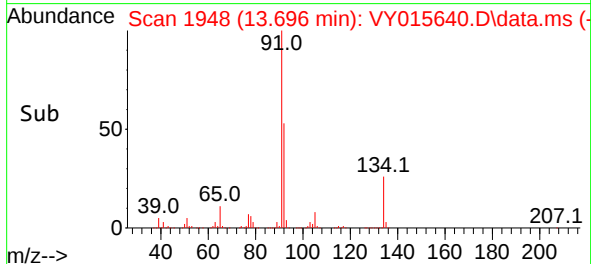
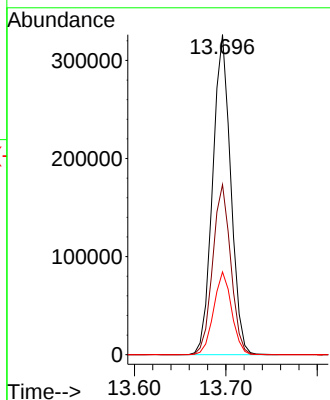
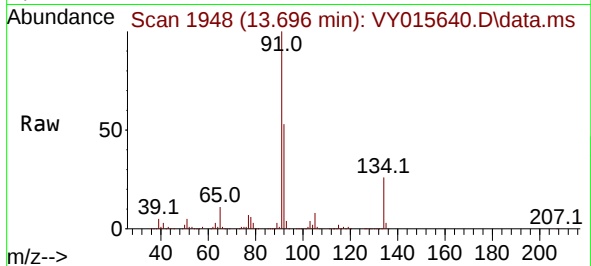
#89
n-Butylbenzene
Concen: 52.559 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 447489
Ion Ratio Lower Upper
91 100
92 53.1 25.4 76.0
134 25.8 12.6 37.6

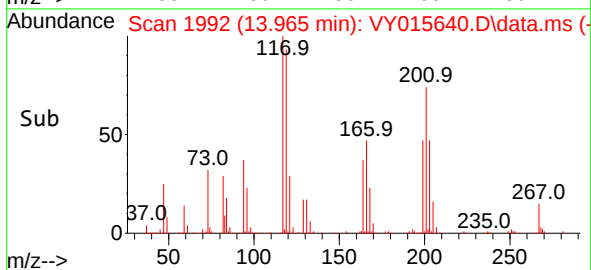
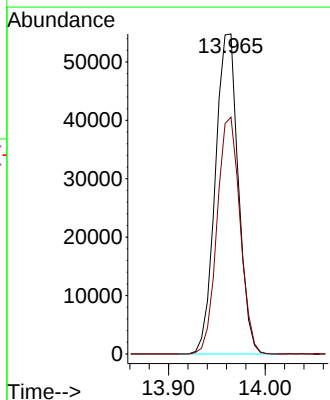
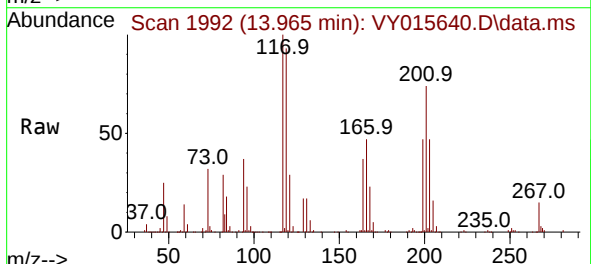
Manual Integrations
APPROVED

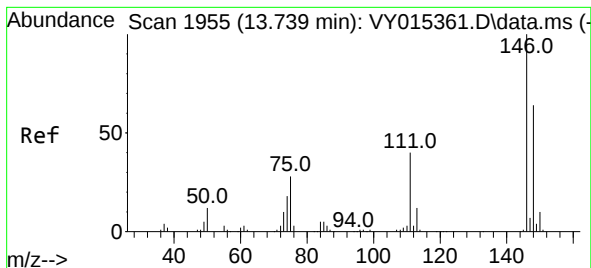
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#90
Hexachloroethane
Concen: 52.072 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49

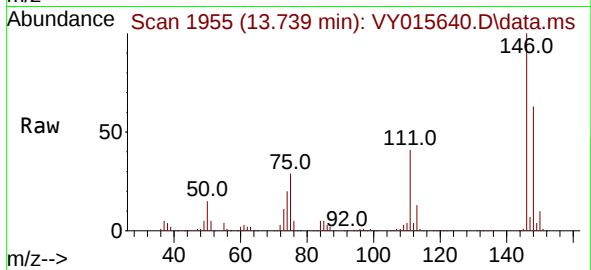
Tgt Ion:117 Resp: 90359
Ion Ratio Lower Upper
117 100
201 73.9 41.6 124.8





#91
1,2-Dichlorobenzene
Concen: 51.815 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49

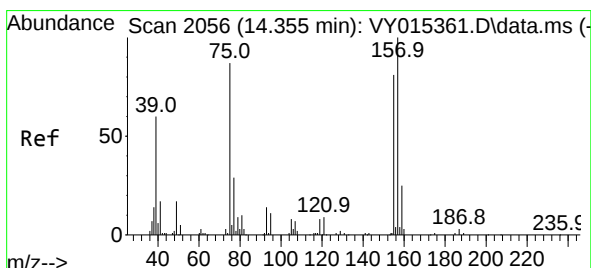
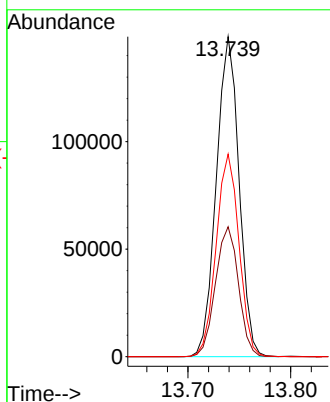
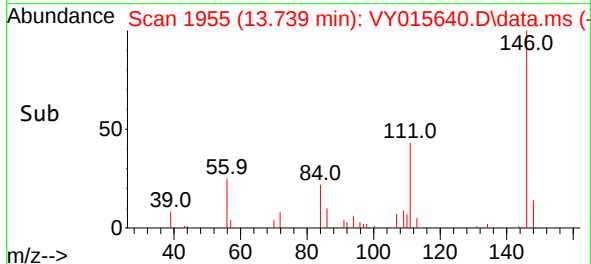
Instrument : MSVOA_Y
ClientSampleId : VSTDICCC050



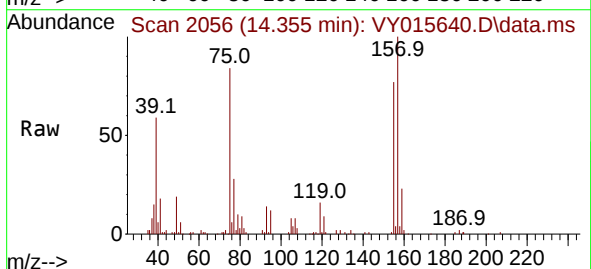
Tgt Ion:146 Resp: 22848
Ion Ratio Lower Upper
146 100
111 41.2 19.7 59.0
148 63.6 32.0 96.2

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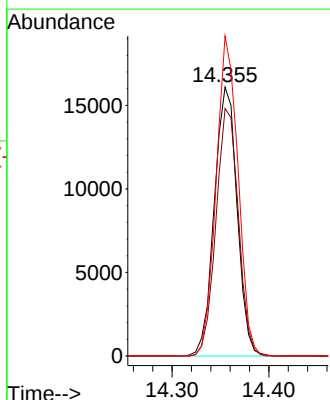
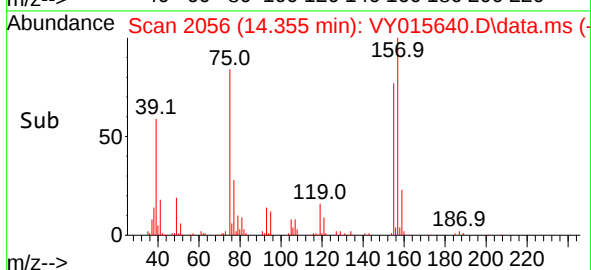
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023

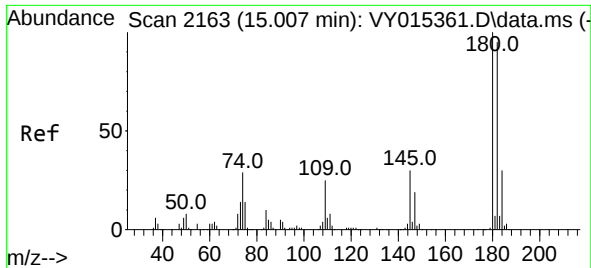


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.472 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49



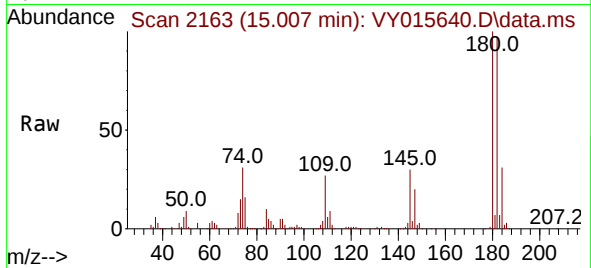
Tgt Ion: 75 Resp: 26282
Ion Ratio Lower Upper
75 100
155 90.3 41.5 124.6
157 114.2 51.8 155.5





#93
1,2,4-Trichlorobenzene
Concen: 52.341 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.006 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49

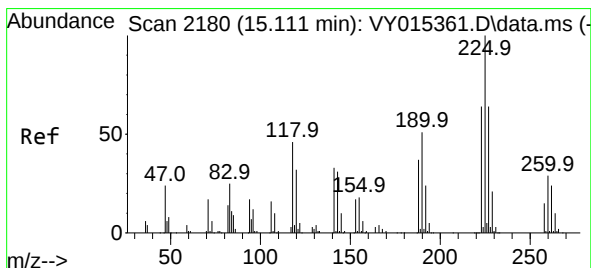
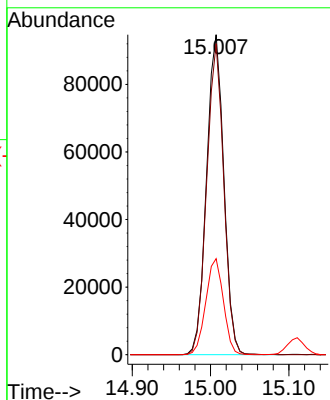
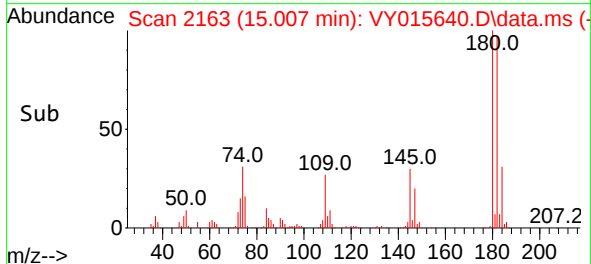
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



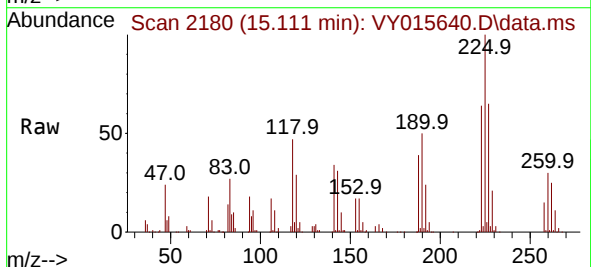
Tgt Ion:180 Resp: 145304
Ion Ratio Lower Upper
180 100
182 95.6 47.0 141.2
145 30.5 14.5 43.5

Manual Integrations
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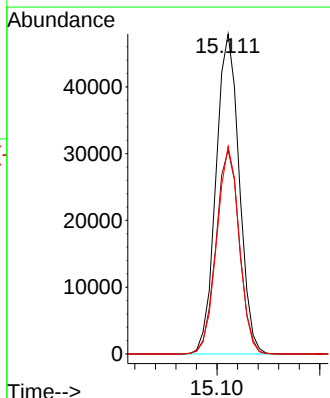
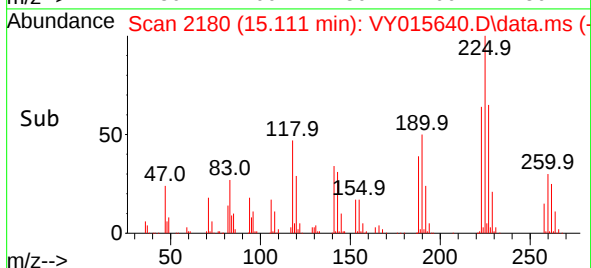
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023

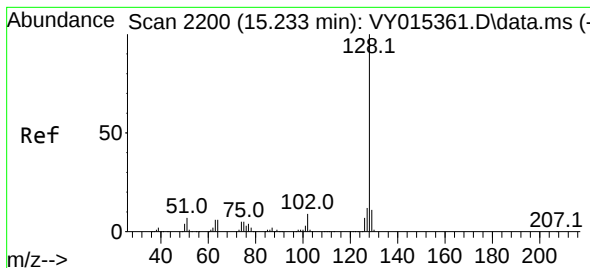


#94
Hexachlorobutadiene
Concen: 52.851 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49



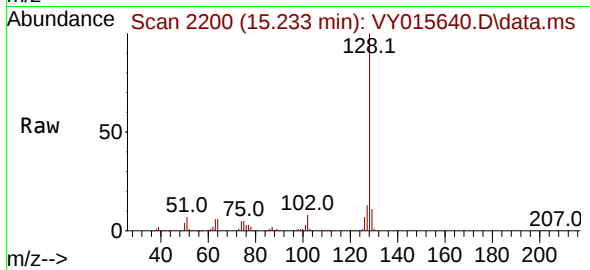
Tgt Ion:225 Resp: 75136
Ion Ratio Lower Upper
225 100
223 63.8 31.9 95.9
227 62.9 33.0 98.9





#95
Naphthalene
Concen: 52.672 ug/l
RT: 15.233 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49

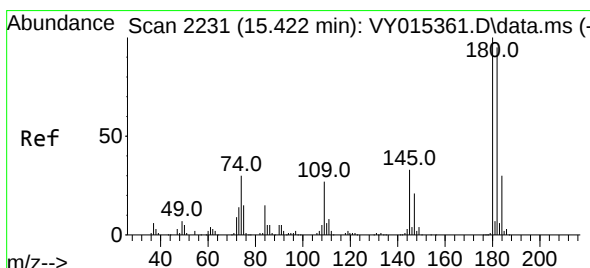
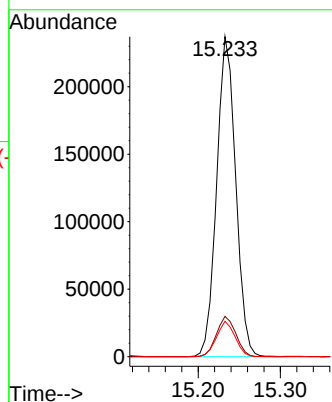
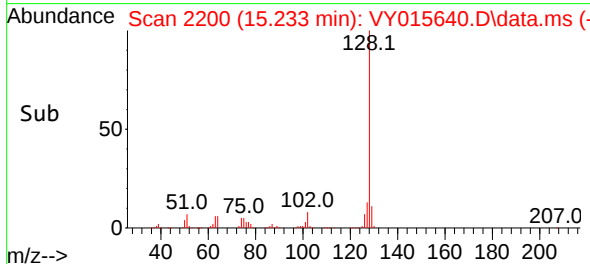
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



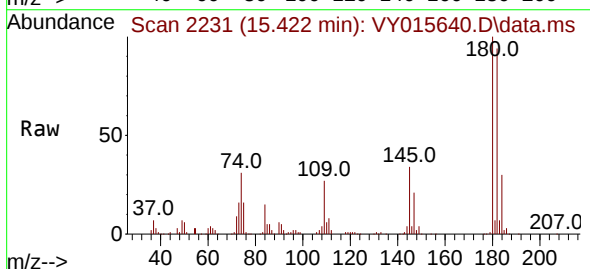
Tgt Ion:128 Resp: 38128
Ion Ratio Lower Upper
128 100
127 12.8 10.8 16.2
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 52.227 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY015640.D
Acq: 19 Sep 2023 12:49



Tgt Ion:180 Resp: 133821
Ion Ratio Lower Upper
180 100
182 94.0 47.3 141.8
145 32.6 15.4 46.2

