

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032224\
 Data File : VY017740.D
 Acq On : 22 Mar 2024 11:37
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2024
 Supervised By :Mahesh Dadoda 03/25/2024

Quant Time: Mar 23 03:43:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 03:33:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	179172	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	270324	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	240267	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	116292	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	162945	104.391	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 208.780%#			
35) Dibromofluoromethane	7.740	113	168862	104.502	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 209.000%#			
50) Toluene-d8	10.197	98	665215	107.564	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 215.120%#			
62) 4-Bromofluorobenzene	12.495	95	203234	109.440	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 218.880%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	134028	86.647	ug/l	99
3) Chloromethane	2.125	50	175017	87.340	ug/l	98
4) Vinyl Chloride	2.265	62	217710	89.858	ug/l	96
5) Bromomethane	2.662	94	169408	89.551	ug/l	95
6) Chloroethane	2.814	64	144138	89.015	ug/l	99
7) Trichlorofluoromethane	3.143	101	221950	86.913	ug/l	94
8) Diethyl Ether	3.552	74	84609	100.495	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.924	101	166082	91.359	ug/l	97
10) Methyl Iodide	4.119	142	218711	98.421	ug/l	99
11) Tert butyl alcohol	4.972	59	51249	493.619	ug/l #	80
12) 1,1-Dichloroethene	3.893	96	160150	93.657	ug/l	89
13) Acrolein	3.753	56	64542	515.718	ug/l	99
14) Allyl chloride	4.503	41	231655	99.964	ug/l	96
15) Acrylonitrile	5.186	53	186566	534.922	ug/l	99
16) Acetone	3.966	43	152506	558.592	ug/l	91
17) Carbon Disulfide	4.222	76	527819	92.250	ug/l	98
18) Methyl Acetate	4.503	43	76025	110.599	ug/l	94
19) Methyl tert-butyl Ether	5.253	73	399469	108.348	ug/l	98
20) Methylene Chloride	4.747	84	173310	87.285	ug/l	92
21) trans-1,2-Dichloroethene	5.253	96	184841	94.820	ug/l	96
22) Diisopropyl ether	6.149	45	518700	102.801	ug/l	97
23) Vinyl Acetate	6.088	43	1645410	555.212	ug/l	96
24) 1,1-Dichloroethane	6.045	63	314251	94.755	ug/l	97
25) 2-Butanone	7.009	43	247018	523.616	ug/l	93
26) 2,2-Dichloropropane	7.009	77	274674	97.435	ug/l	99
27) cis-1,2-Dichloroethene	7.015	96	216496	98.183	ug/l	95
28) Bromochloromethane	7.362	49	130583	101.564	ug/l	91
29) Tetrahydrofuran	7.368	42	153318	520.800	ug/l	93
30) Chloroform	7.527	83	323035	93.958	ug/l	98
31) Cyclohexane	7.807	56	286818	92.906	ug/l	98
32) 1,1,1-Trichloroethane	7.728	97	285985	95.512	ug/l	97
36) 1,1-Dichloropropene	7.941	75	250537	100.360	ug/l	97
37) Ethyl Acetate	7.094	43	109298	113.941	ug/l	98
38) Carbon Tetrachloride	7.923	117	261541	100.058	ug/l	99
39) Methylcyclohexane	9.203	83	338246	105.551	ug/l	96
40) Benzene	8.179	78	755087	101.048	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	48418	102.183	ug/l	94
42) 1,2-Dichloroethane	8.252	62	186959	104.456	ug/l	98
43) Isopropyl Acetate	8.289	43	205571	107.488	ug/l	95
44) Trichloroethene	8.959	130	195117	99.826	ug/l	99
45) 1,2-Dichloropropane	9.234	63	174512	102.497	ug/l	97
46) Dibromomethane	9.319	93	100840	106.285	ug/l	99
47) Bromodichloromethane	9.514	83	249517	102.852	ug/l	95
48) Methyl methacrylate	9.307	41	95417	106.606	ug/l	94
49) 1,4-Dioxane	9.313	88	21477	2326.437	ug/l #	96
51) 4-Methyl-2-Pentanone	10.081	43	558934	541.291	ug/l	97
52) Toluene	10.258	92	481249	104.222	ug/l	99
53) t-1,3-Dichloropropene	10.477	75	239255	112.768	ug/l	97
54) cis-1,3-Dichloropropene	9.941	75	283698	109.461	ug/l	97
55) 1,1,2-Trichloroethane	10.660	97	130406	107.444	ug/l	95
56) Ethyl methacrylate	10.520	69	188388	108.827	ug/l	93
57) 1,3-Dichloropropane	10.807	76	224951	107.603	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.795	63	456878	521.534	ug/l	98
59) 2-Hexanone	10.843	43	401388	547.734	ug/l	96
60) Dibromochloromethane	11.002	129	173015	106.573	ug/l	98
61) 1,2-Dibromoethane	11.099	107	124384	109.159	ug/l	98
64) Tetrachloroethene	10.733	164	207209	93.255	ug/l	96
65) Chlorobenzene	11.532	112	519607	100.465	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.605	131	178783	103.513	ug/l	99
67) Ethyl Benzene	11.605	91	930004	104.699	ug/l	99
68) m/p-Xylenes	11.715	106	728916	211.540	ug/l	100
69) o-Xylene	12.044	106	335988	106.801	ug/l	100
70) Styrene	12.056	104	575508	109.917	ug/l	99
71) Bromoform	12.221	173	99288	109.155	ug/l #	97
73) Isopropylbenzene	12.343	105	862045	98.170	ug/l	99
74) N-amyl acetate	12.154	43	190394	102.912	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.593	83	140929	104.232	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	109811m	99.637	ug/l	
77) Bromobenzene	12.623	156	196272	98.173	ug/l	98
78) n-propylbenzene	12.684	91	1054688	99.219	ug/l	100
79) 2-Chlorotoluene	12.770	91	565977	97.092	ug/l	100
80) 1,3,5-Trimethylbenzene	12.825	105	682869	99.339	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.392	75	51347	110.484	ug/l	98
82) 4-Chlorotoluene	12.867	91	587014	98.147	ug/l	98
83) tert-Butylbenzene	13.087	119	622194	100.021	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	698013	103.578	ug/l	99
85) sec-Butylbenzene	13.264	105	921921	98.884	ug/l	99
86) p-Isopropyltoluene	13.379	119	804913	103.977	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	404892	99.940	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	379708	97.631	ug/l	99
89) n-Butylbenzene	13.709	91	725160	103.542	ug/l	99
90) Hexachloroethane	13.971	117	151180	95.767	ug/l	95
91) 1,2-Dichlorobenzene	13.751	146	329285	98.118	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.367	75	19253	107.990	ug/l	94
93) 1,2,4-Trichlorobenzene	15.019	180	180692	111.144	ug/l	99
94) Hexachlorobutadiene	15.123	225	99225	95.083	ug/l	98
95) Naphthalene	15.245	128	333064	107.620	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	152954	113.950	ug/l	100

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ClientSampleId :
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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

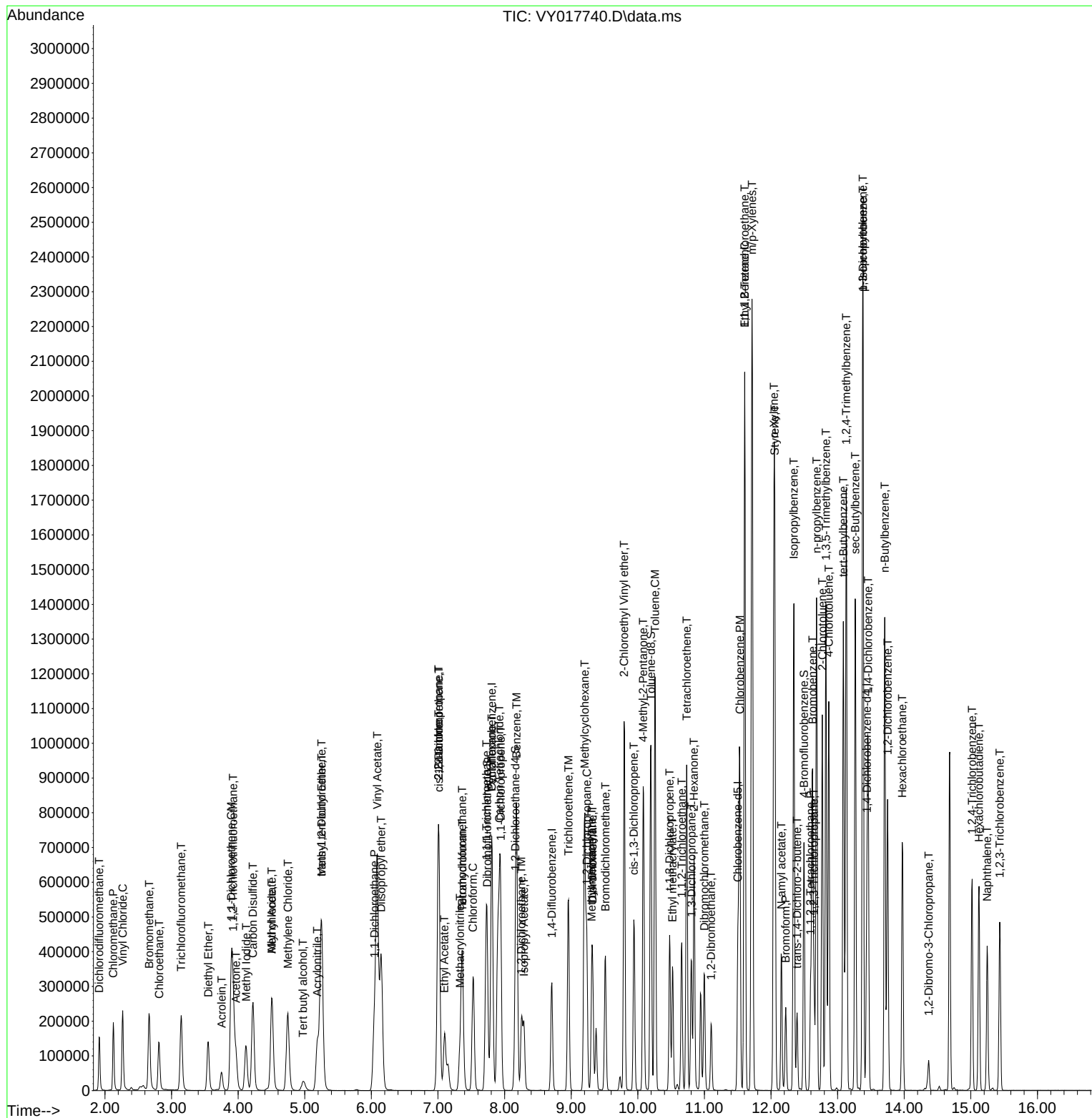
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032224\
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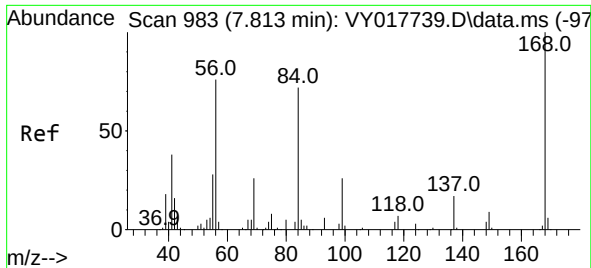
Instrument :
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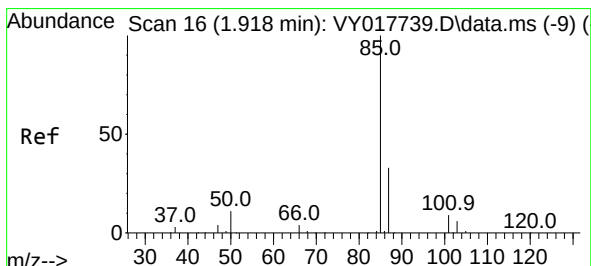
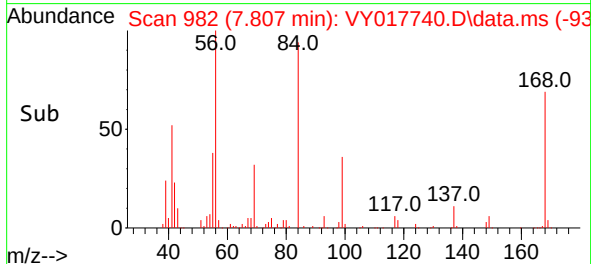
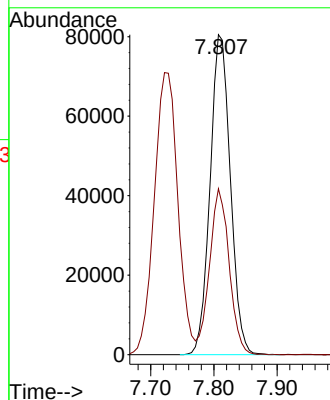
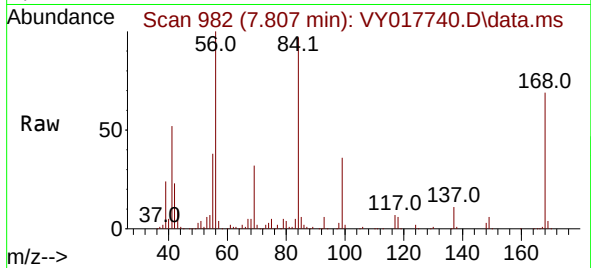
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:168 Resp: 179172
Ion Ratio Lower Upper
168 100
99 51.9 39.1 58.7

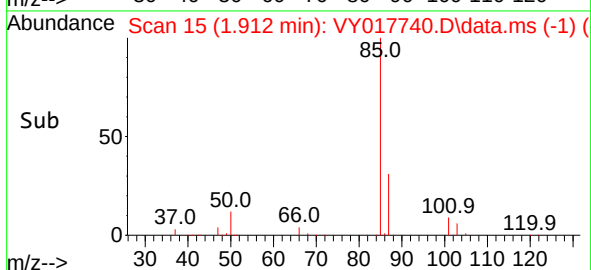
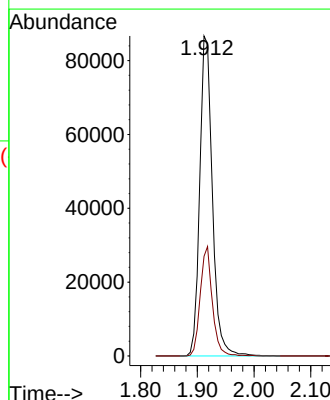
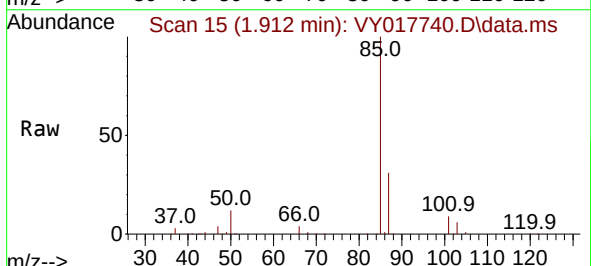
Manual Integrations
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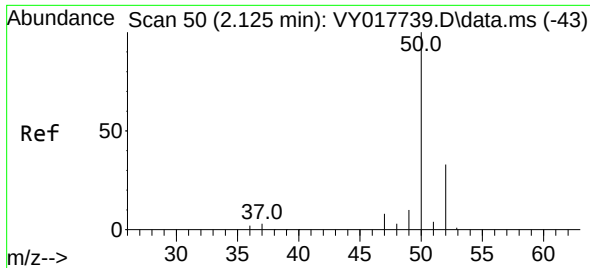
Reviewed By :Semsettin Yesilyurt 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#2
Dichlorodifluoromethane
Concen: 86.647 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.006 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37

Tgt Ion: 85 Resp: 134028
Ion Ratio Lower Upper
85 100
87 31.2 16.0 48.0





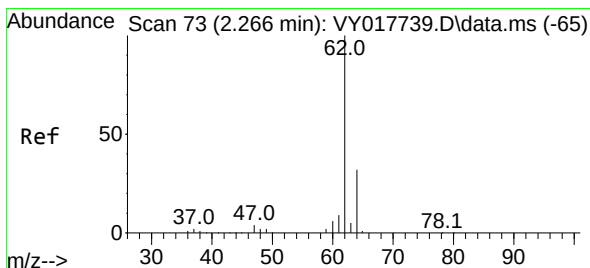
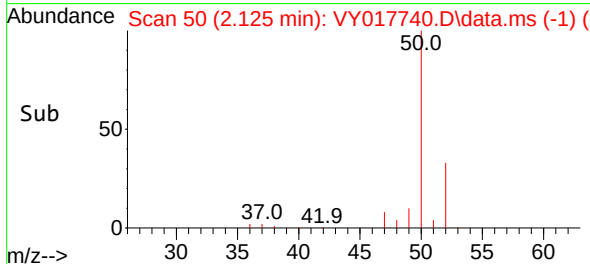
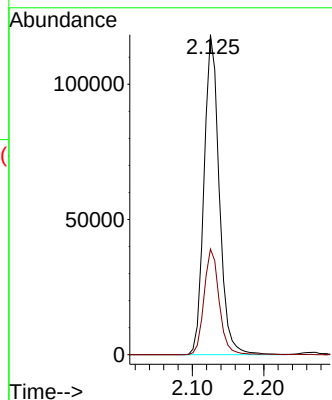
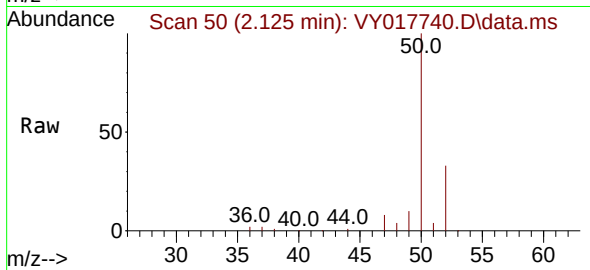
#3
Chloromethane
Concen: 87.340 ug/l
RT: 2.125 min Scan# 50
Delta R.T. -0.000 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 50 Resp: 17501
Ion Ratio Lower Upper
50 100
52 33.0 25.6 38.4

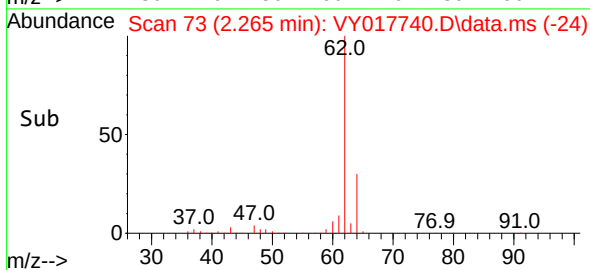
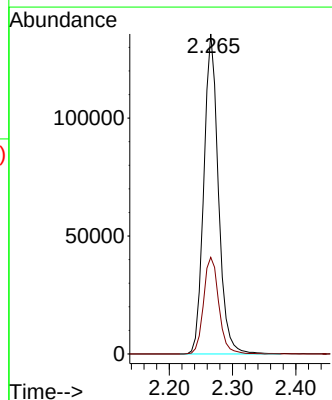
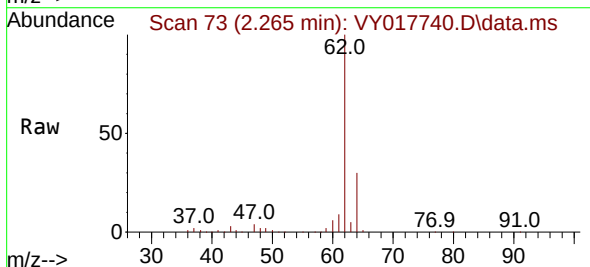
Manual Integrations
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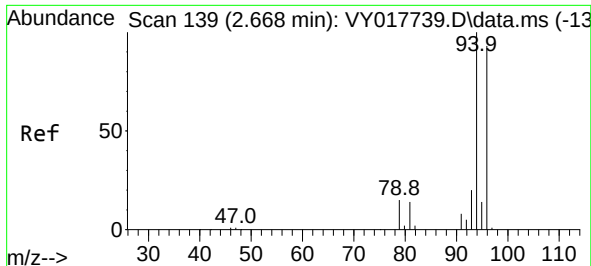
Reviewed By :Semsettin Yesilyurt 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#4
Vinyl Chloride
Concen: 89.858 ug/l
RT: 2.265 min Scan# 73
Delta R.T. -0.000 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37

Tgt Ion: 62 Resp: 217710
Ion Ratio Lower Upper
62 100
64 30.2 26.1 39.1





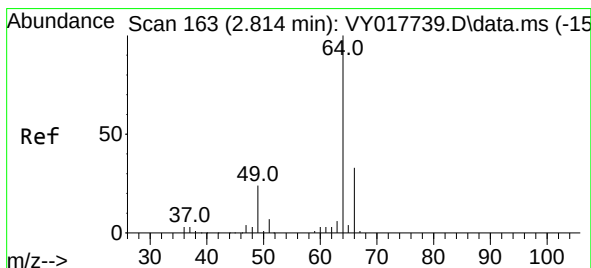
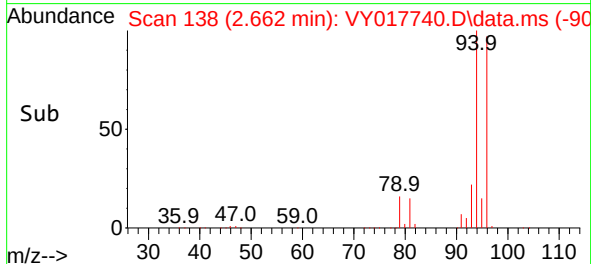
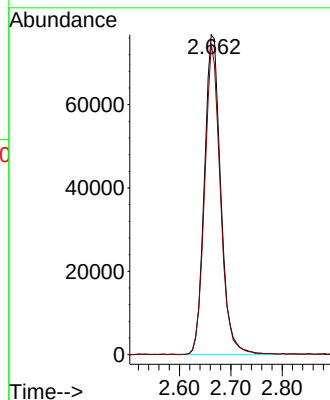
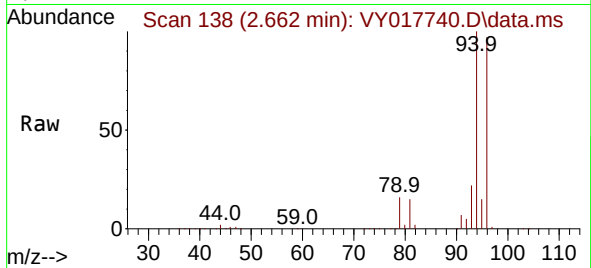
#5
Bromomethane
Concen: 89.551 ug/l
RT: 2.662 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37

Instrument :
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Tgt Ion: 94 Resp: 169408
Ion Ratio Lower Upper
94 100
96 97.0 74.1 111.1

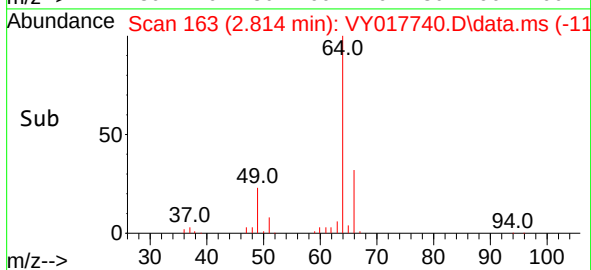
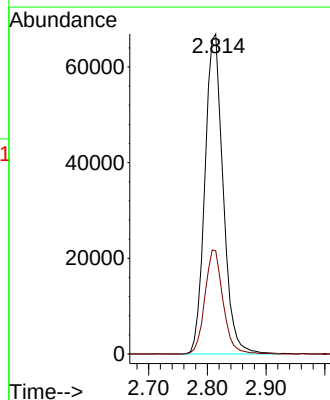
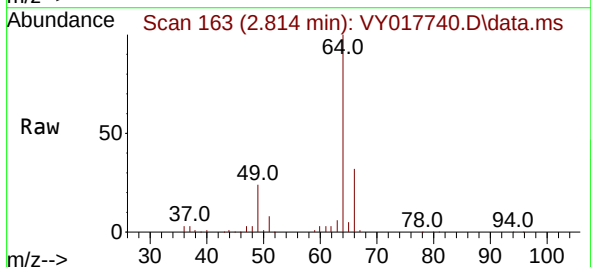
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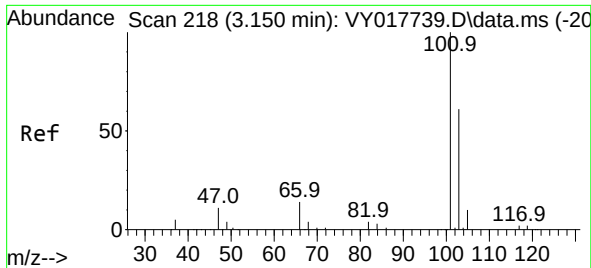
Reviewed By :Semsettin Yesilyurt 03/25/2024
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#6
Chloroethane
Concen: 89.015 ug/l
RT: 2.814 min Scan# 163
Delta R.T. -0.000 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37

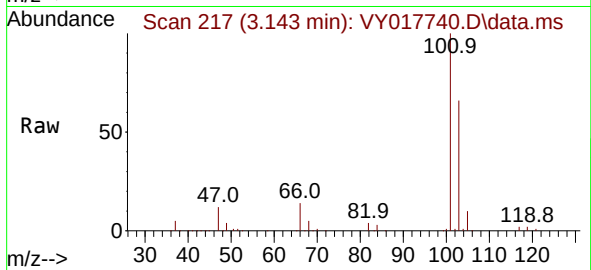
Tgt Ion: 64 Resp: 144138
Ion Ratio Lower Upper
64 100
66 32.2 26.1 39.1





#7
Trichlorofluoromethane
Concen: 86.913 ug/l
RT: 3.143 min Scan# 218
Delta R.T. -0.006 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37

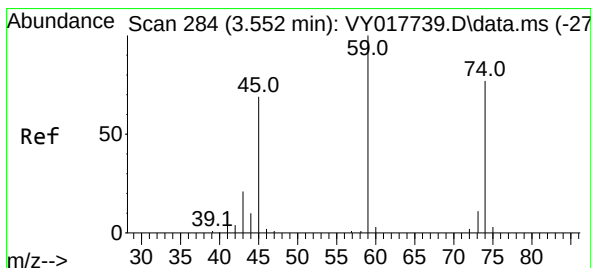
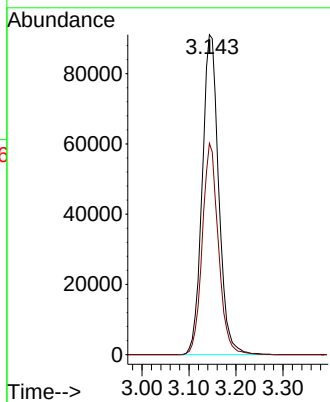
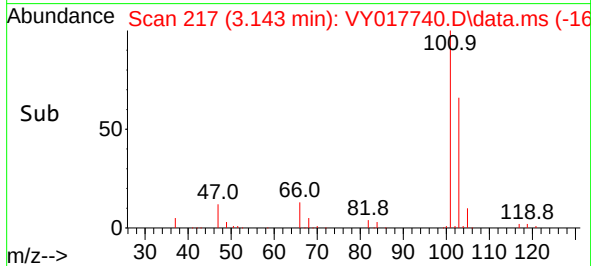
Instrument :
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VSTDIC100



Tgt Ion:101 Resp: 221950
Ion Ratio Lower Upper
101 100
103 66.1 49.3 73.9

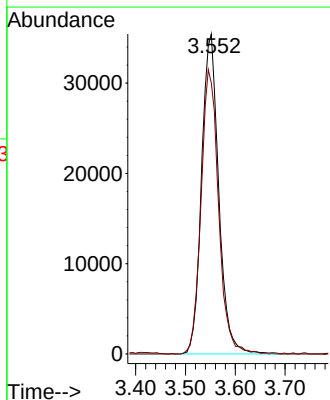
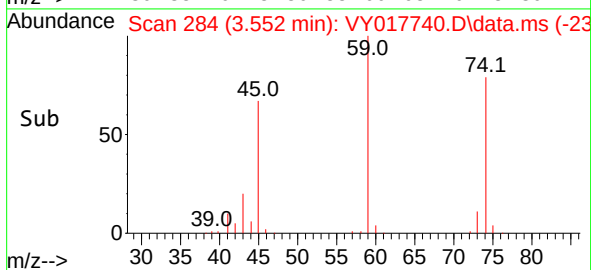
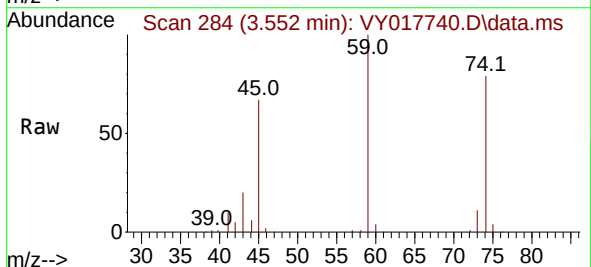
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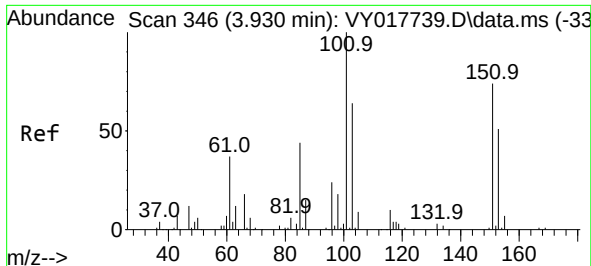
Reviewed By :Semsettin Yesilyurt 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#8
Diethyl Ether
Concen: 100.495 ug/l
RT: 3.552 min Scan# 284
Delta R.T. -0.000 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37

Tgt Ion: 74 Resp: 84609
Ion Ratio Lower Upper
74 100
45 90.7 41.3 124.1





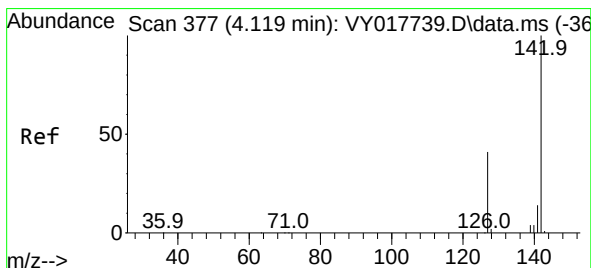
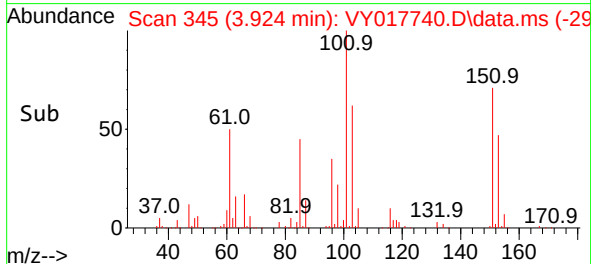
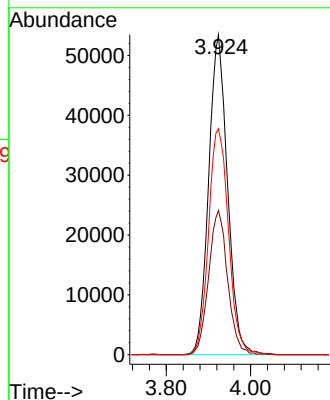
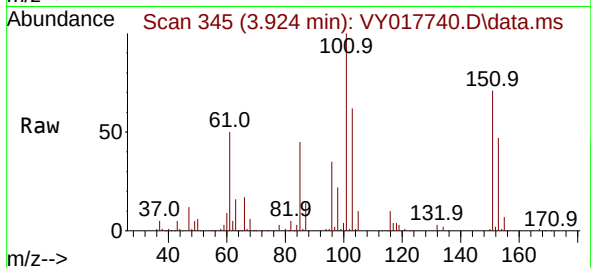
#9
1,1,2-Trichlorotrifluoroethane
Concen: 91.359 ug/l
RT: 3.924 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 16608
Ion Ratio Lower Upper
101 100
85 45.4 34.5 51.7
151 74.8 61.7 92.5

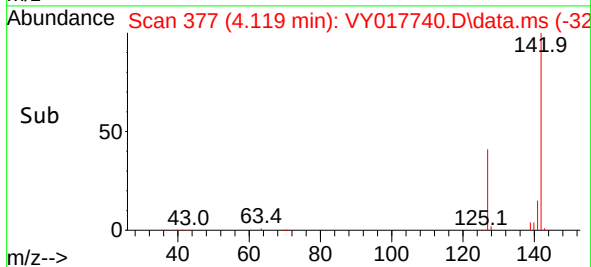
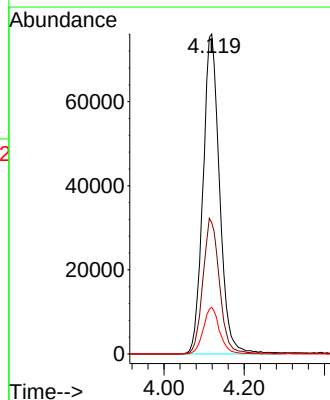
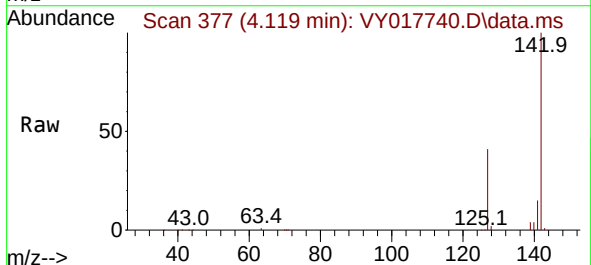
Manual Integrations
APPROVED

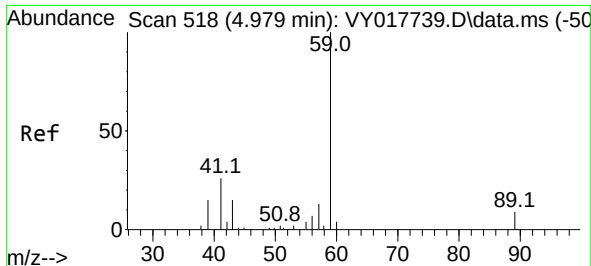
Reviewed By :Semsettin Yesilyurt 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#10
Methyl Iodide
Concen: 98.421 ug/l
RT: 4.119 min Scan# 377
Delta R.T. -0.000 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37

Tgt Ion:142 Resp: 218711
Ion Ratio Lower Upper
142 100
127 42.2 32.8 49.2
141 14.3 11.4 17.2





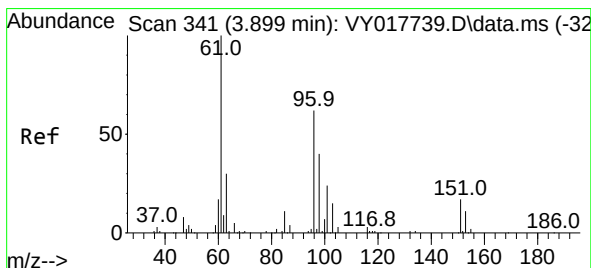
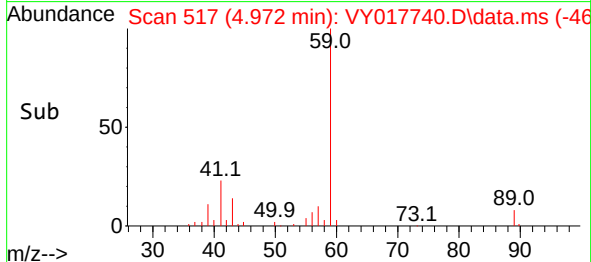
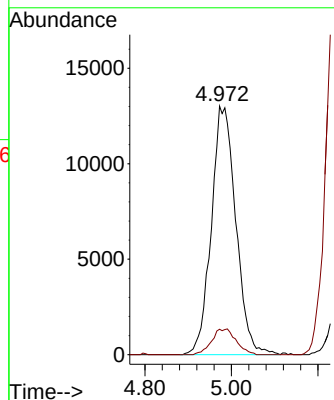
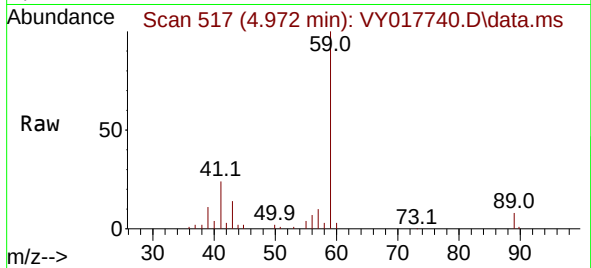
#11
Tert butyl alcohol
Concen: 493.619 ug/l
RT: 4.972 min Scan# 518
Delta R.T. -0.006 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 59 Resp: 51249
Ion Ratio Lower Upper
59 100
57 10.3 3.0 4.6

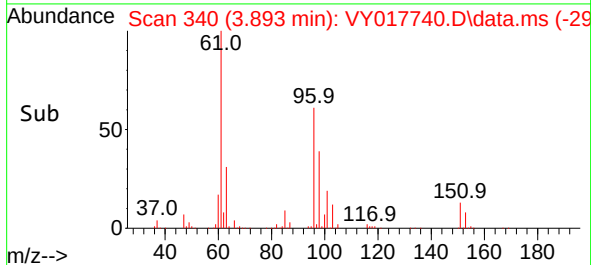
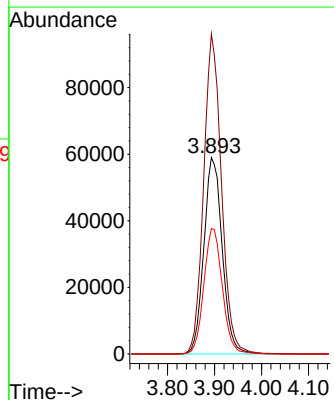
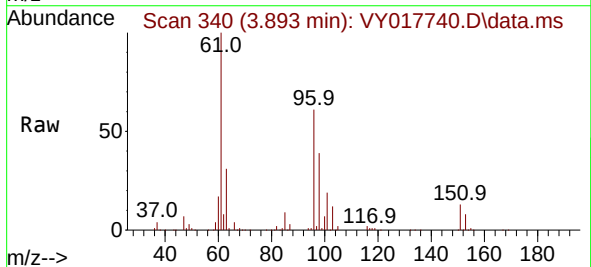
Manual Integrations
APPROVED

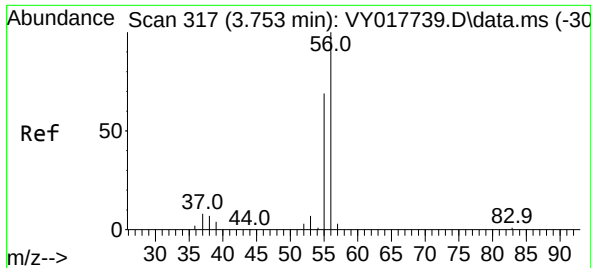
Reviewed By :Semsettin Yesilyurt 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#12
1,1-Dichloroethene
Concen: 93.657 ug/l
RT: 3.893 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37

Tgt Ion: 96 Resp: 160150
Ion Ratio Lower Upper
96 100
61 162.9 114.6 171.8
98 63.8 50.8 76.2





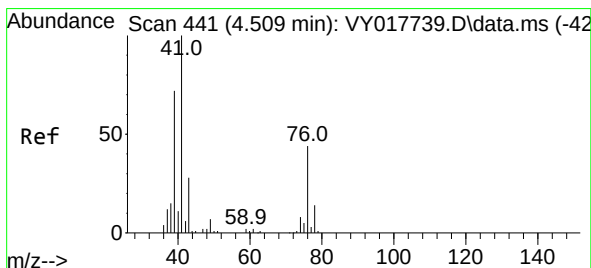
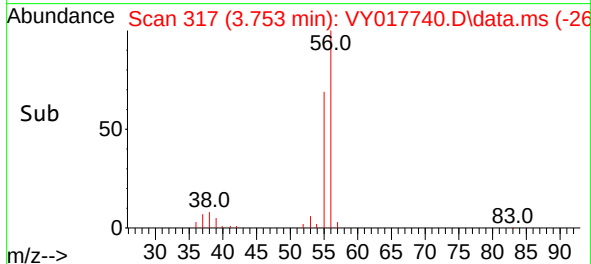
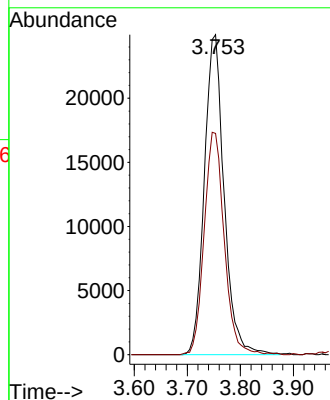
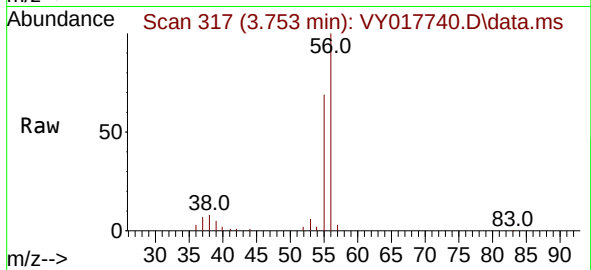
#13
Acrolein
Concen: 515.718 ug/l
RT: 3.753 min Scan# 317
Delta R.T. -0.000 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 64542
Ion Ratio Lower Upper
56 100
55 70.8 55.7 83.5

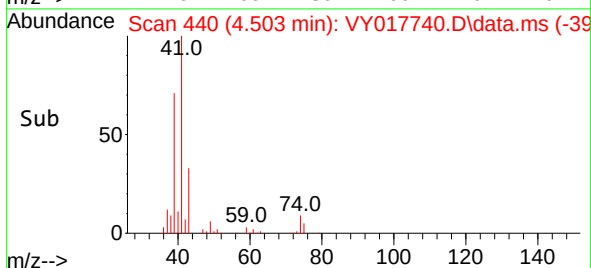
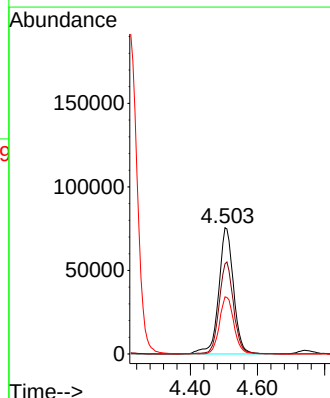
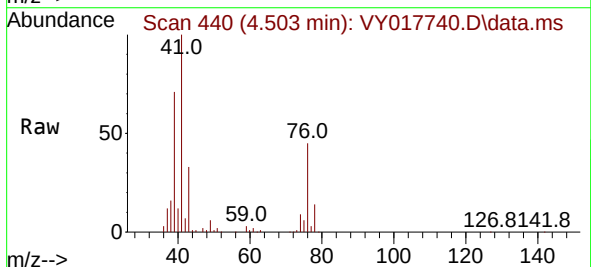
Manual Integrations
APPROVED

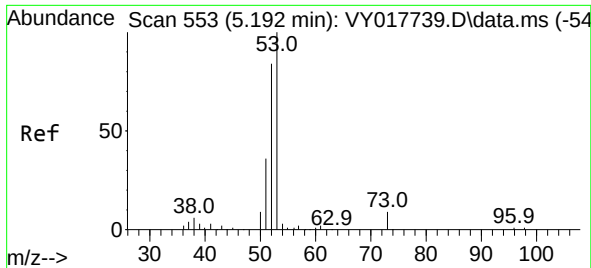
Reviewed By :Semsettin Yesilyurt 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#14
Allyl chloride
Concen: 99.964 ug/l
RT: 4.503 min Scan# 440
Delta R.T. -0.006 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37

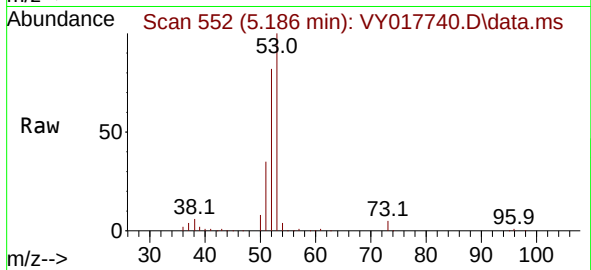
Tgt Ion: 41 Resp: 231655
Ion Ratio Lower Upper
41 100
39 71.0 58.3 87.5
76 44.0 39.0 58.6





#15
Acrylonitrile
Concen: 534.922 ug/l
RT: 5.186 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37

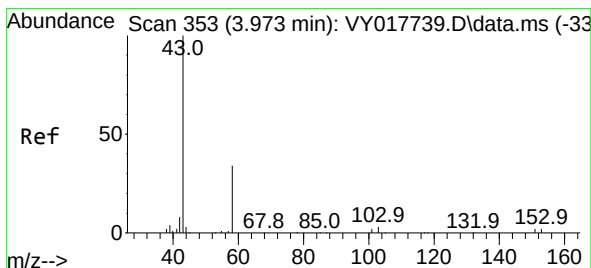
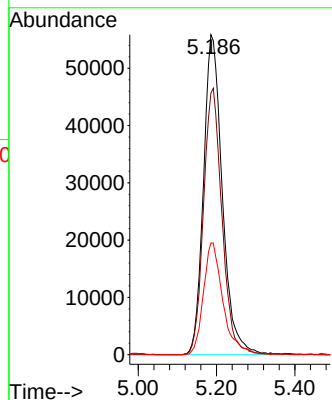
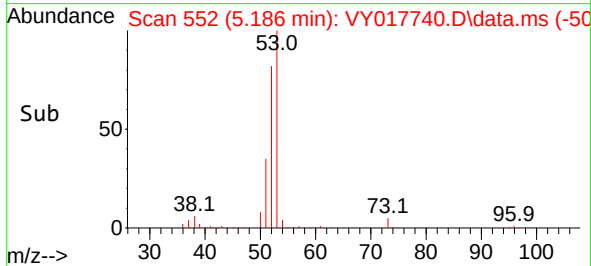
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



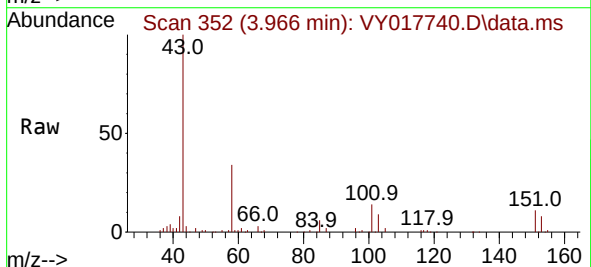
Tgt Ion: 53 Resp: 186560
Ion Ratio Lower Upper
53 100
52 81.7 64.7 97.1
51 36.3 28.4 42.6

Manual Integrations
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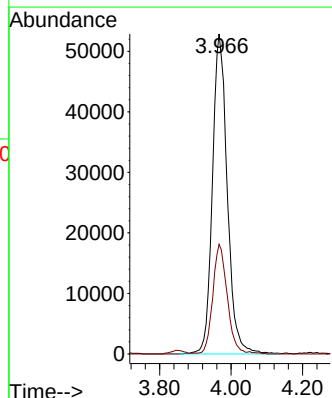
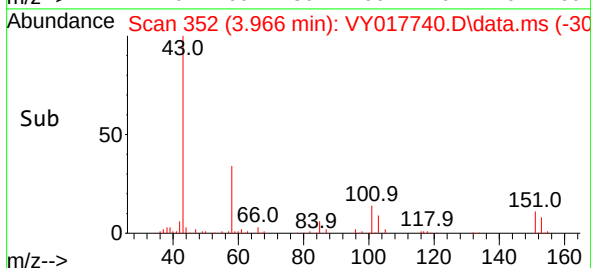
Reviewed By :Semsettin Yesilyurt 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024

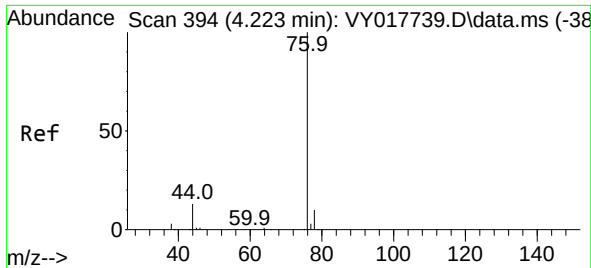


#16
Acetone
Concen: 558.592 ug/l
RT: 3.966 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37



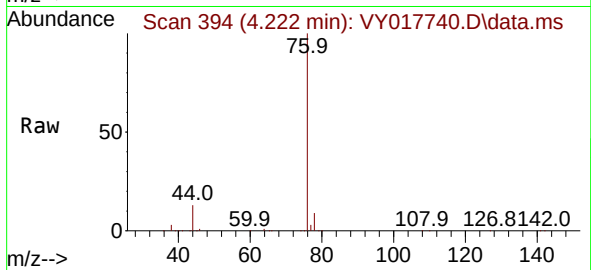
Tgt Ion: 43 Resp: 152506
Ion Ratio Lower Upper
43 100
58 34.2 31.7 47.5





#17
Carbon Disulfide
Concen: 92.250 ug/l
RT: 4.222 min Scan# 394
Delta R.T. -0.000 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37

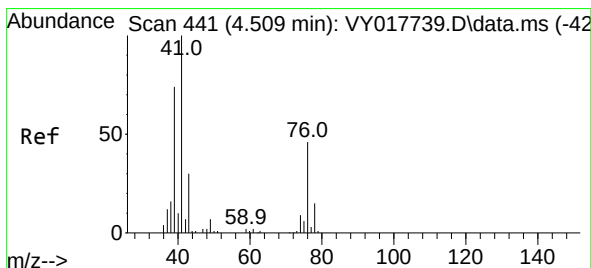
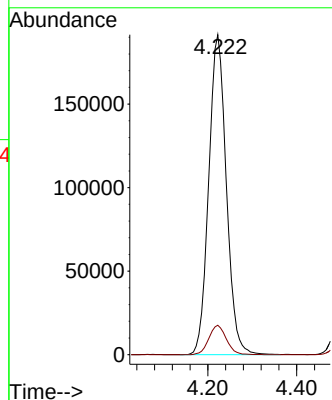
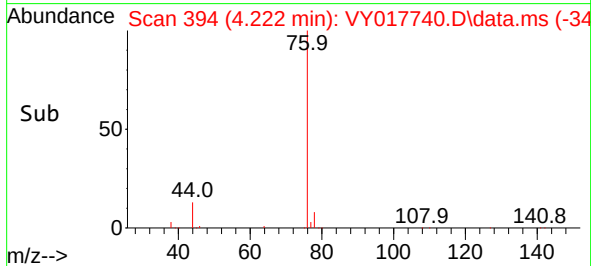
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 76 Resp: 527819
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2

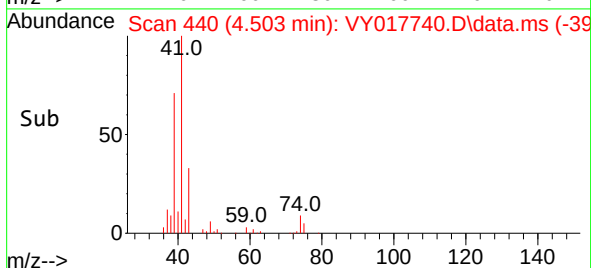
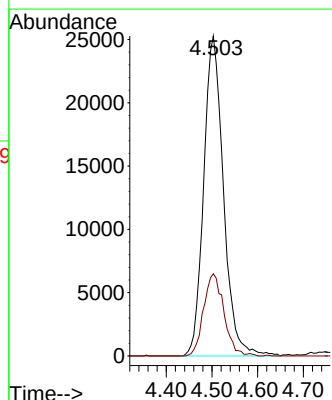
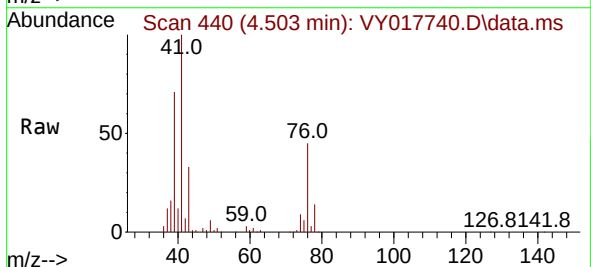
Manual Integrations
APPROVED

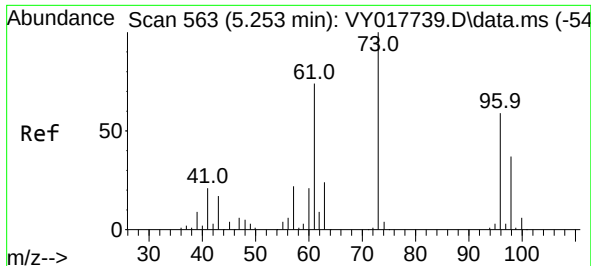
Reviewed By :Semsettin Yesilyurt 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#18
Methyl Acetate
Concen: 110.599 ug/l
RT: 4.503 min Scan# 440
Delta R.T. -0.006 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37

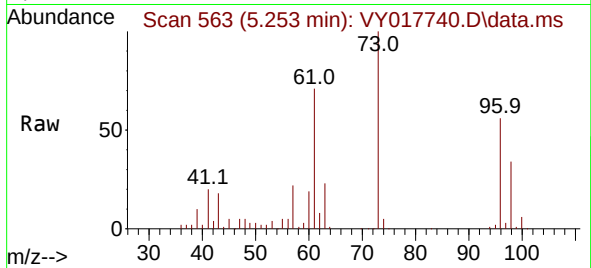
Tgt Ion: 43 Resp: 76025
Ion Ratio Lower Upper
43 100
74 26.1 23.3 34.9





#19
Methyl tert-butyl Ether
Concen: 108.348 ug/l
RT: 5.253 min Scan# 50
Delta R.T. -0.000 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37

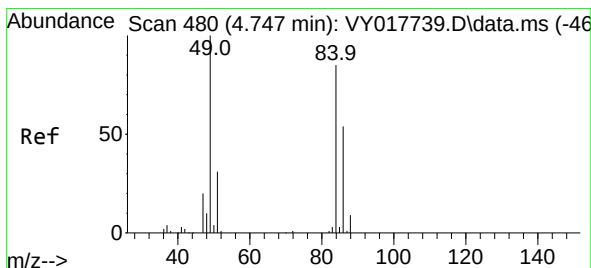
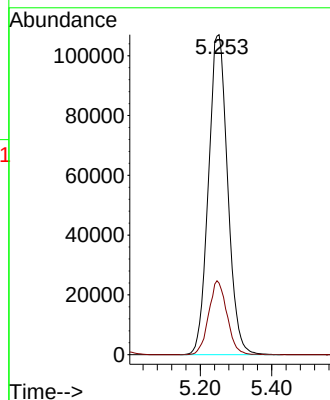
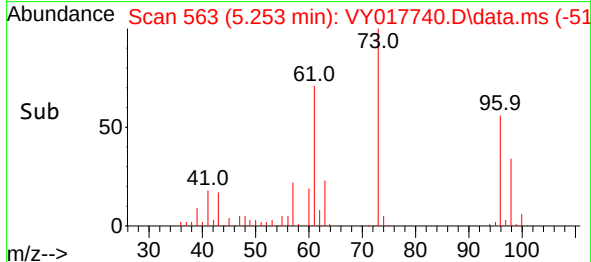
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 73 Resp: 399469
Ion Ratio Lower Upper
73 100
57 22.4 17.3 25.9

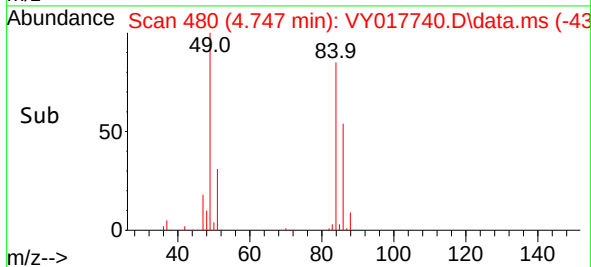
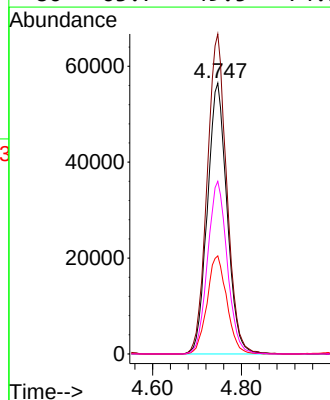
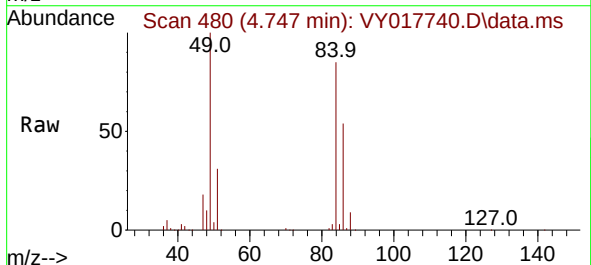
Manual Integrations
APPROVED

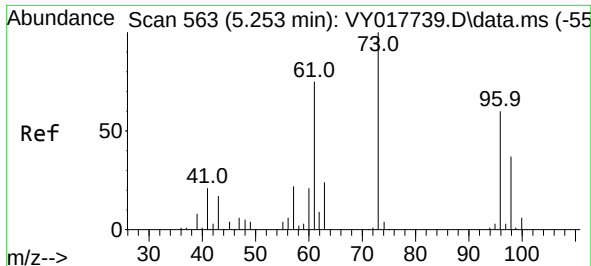
Reviewed By :Semsettin Yesilyurt 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#20
Methylene Chloride
Concen: 87.285 ug/l
RT: 4.747 min Scan# 480
Delta R.T. -0.000 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37

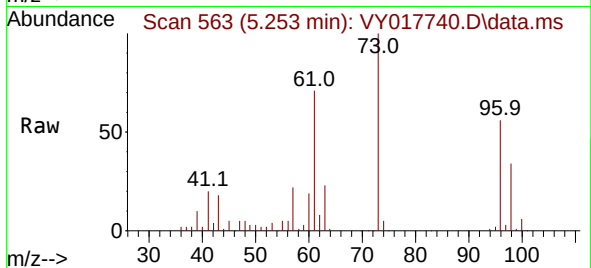
Tgt Ion: 84 Resp: 173310
Ion Ratio Lower Upper
84 100
49 118.1 84.4 126.6
51 36.2 26.0 39.0
86 63.7 49.5 74.3





#21
trans-1,2-Dichloroethene
Concen: 94.820 ug/l
RT: 5.253 min Scan# 50
Delta R.T. -0.000 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37

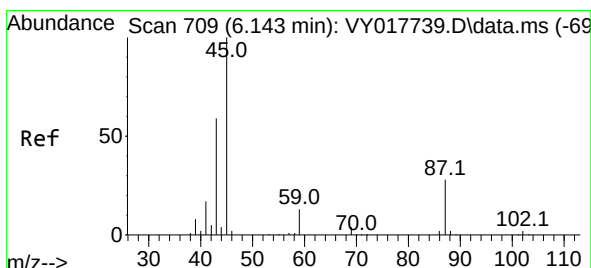
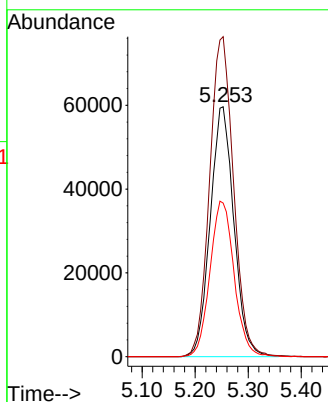
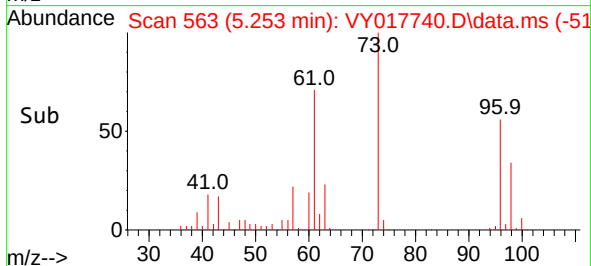
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



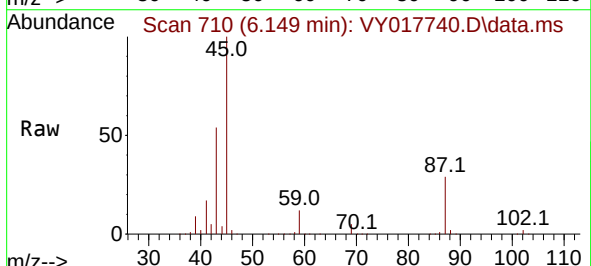
Tgt Ion: 96 Resp: 18484
Ion Ratio Lower Upper
96 100
61 128.0 97.5 146.3
98 61.5 50.5 75.7

Manual Integrations
APPROVED

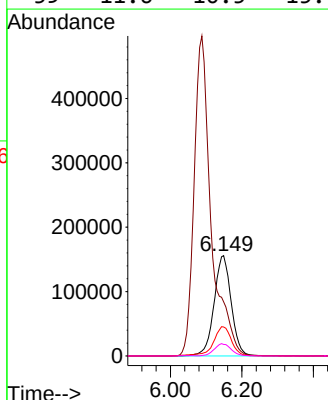
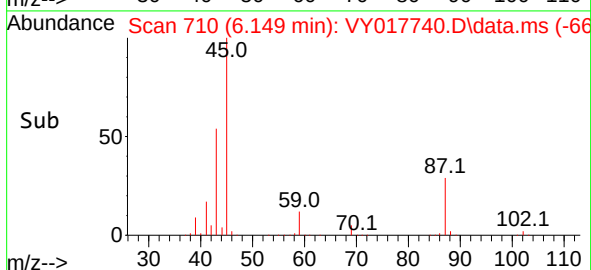
Reviewed By :Semsettin Yesilyurt 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024

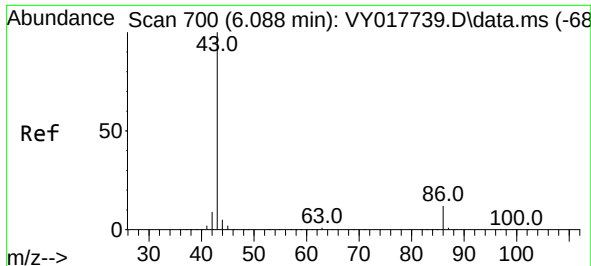


#22
Diisopropyl ether
Concen: 102.801 ug/l
RT: 6.149 min Scan# 710
Delta R.T. 0.006 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37



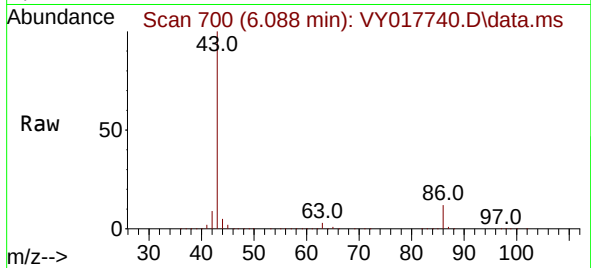
Tgt Ion: 45 Resp: 518700
Ion Ratio Lower Upper
45 100
43 53.6 42.2 63.2
87 28.8 25.0 37.6
59 11.6 10.5 15.7





#23
 Vinyl Acetate
 Concen: 555.212 ug/l
 RT: 6.088 min Scan# 700
 Delta R.T. -0.000 min
 Lab File: VY017740.D
 Acq: 22 Mar 2024 11:37

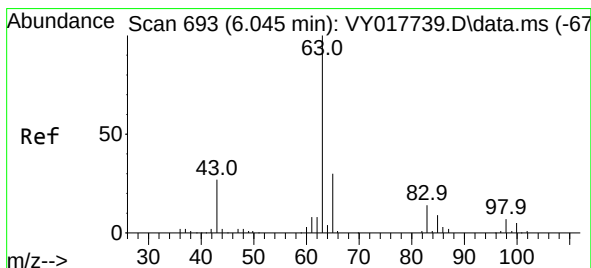
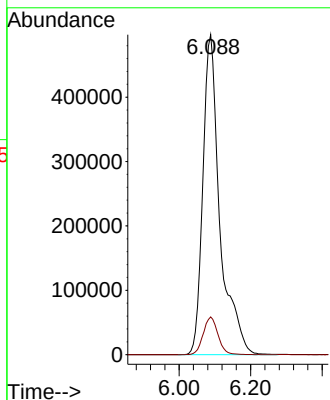
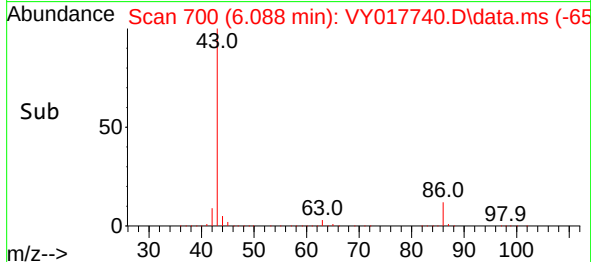
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100



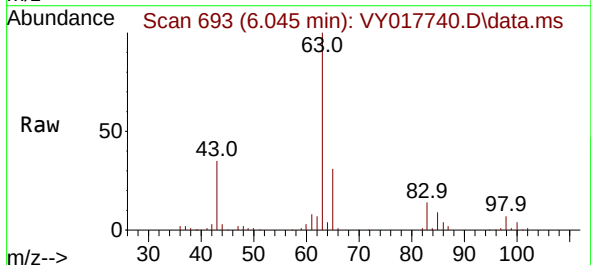
Tgt Ion: 43 Resp: 1645410
 Ion Ratio Lower Upper
 43 100
 86 11.8 10.6 16.0

Manual Integrations
 APPROVED

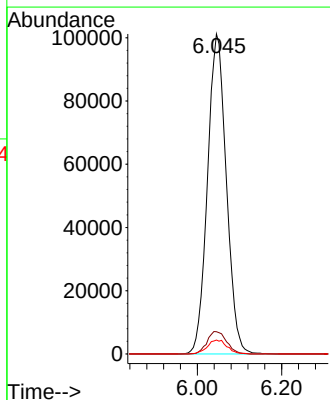
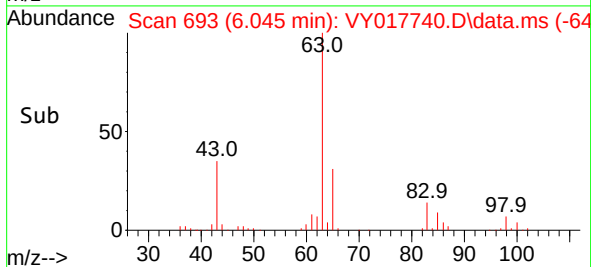
Reviewed By :Semsettin Yesilyurt 03/25/2024
 Supervised By :Mahesh Dadoda 03/25/2024

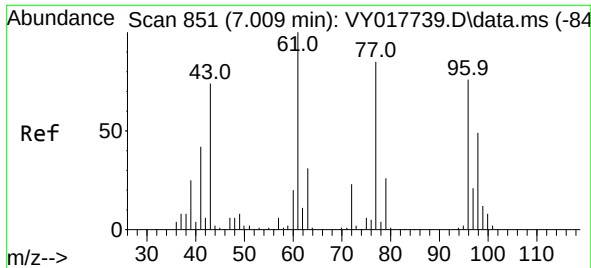


#24
 1,1-Dichloroethane
 Concen: 94.755 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. -0.000 min
 Lab File: VY017740.D
 Acq: 22 Mar 2024 11:37



Tgt Ion: 63 Resp: 314251
 Ion Ratio Lower Upper
 63 100
 98 6.9 4.0 12.2
 100 4.3 2.6 8.0





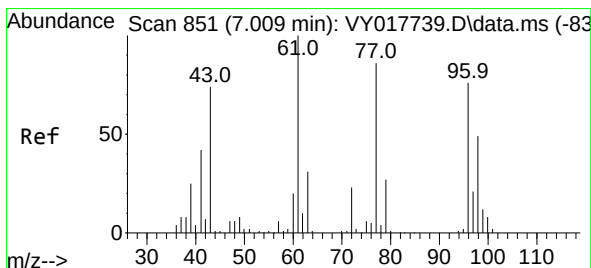
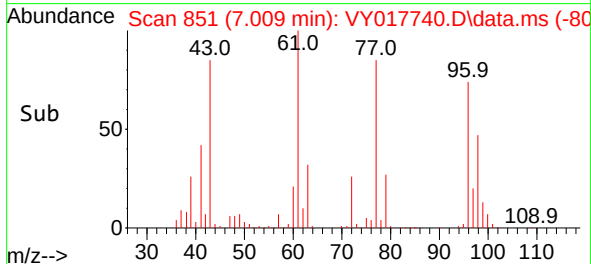
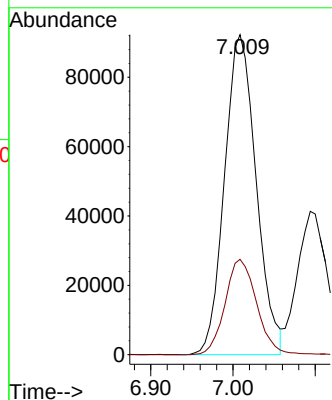
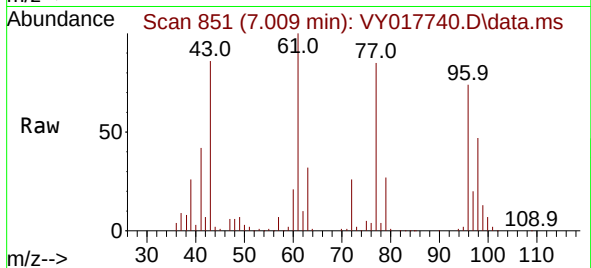
#25
2-Butanone
Concen: 523.616 ug/l
RT: 7.009 min Scan# 851
Delta R.T. -0.000 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 247018
Ion Ratio Lower Upper
43 100
72 29.8 27.3 40.9

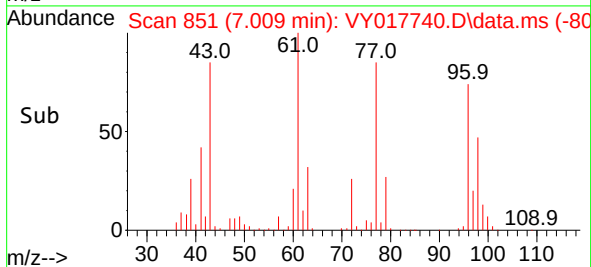
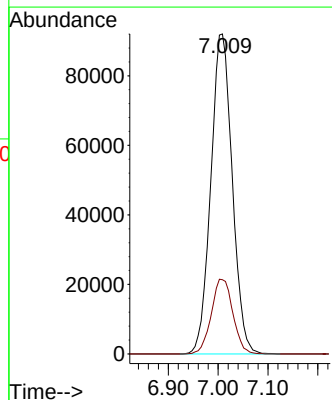
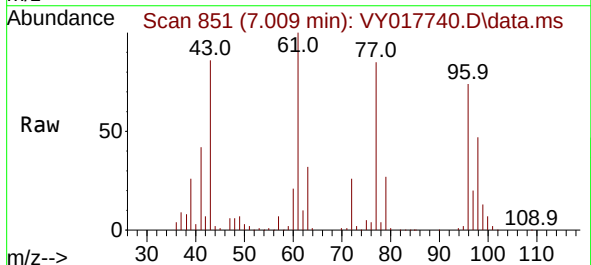
Manual Integrations
APPROVED

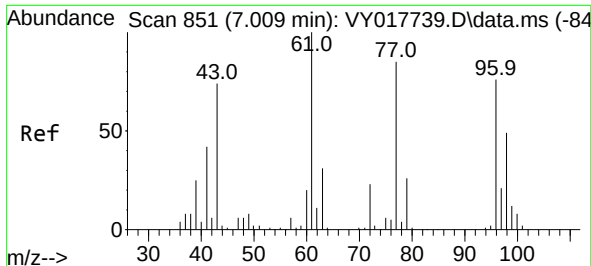
Reviewed By :Semsettin Yesilyurt 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#26
2,2-Dichloropropane
Concen: 97.435 ug/l
RT: 7.009 min Scan# 851
Delta R.T. -0.000 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37

Tgt Ion: 77 Resp: 274674
Ion Ratio Lower Upper
77 100
97 23.5 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 98.183 ug/l

RT: 7.015 min Scan# 851

Delta R.T. 0.006 min

Lab File: VY017740.D

Acq: 22 Mar 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 96 Resp: 216490

Ion Ratio Lower Upper

96 100

61 136.0 0.0 256.2

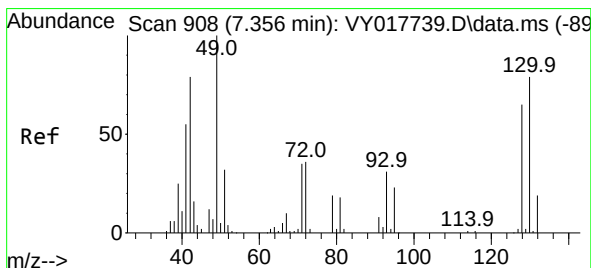
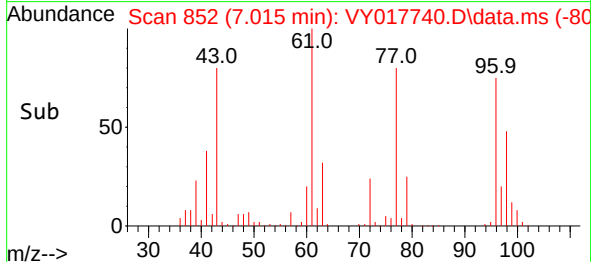
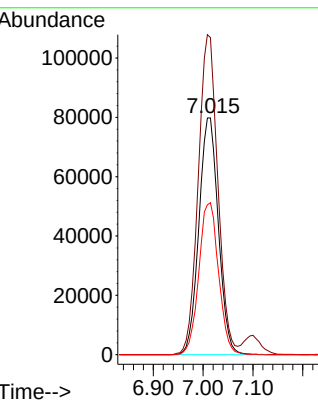
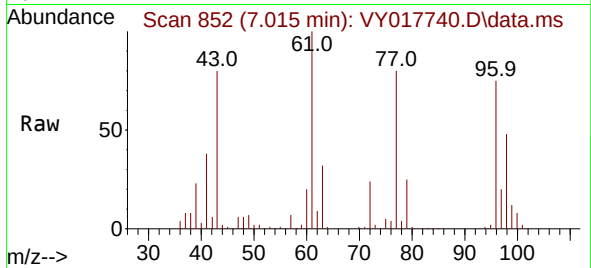
98 65.0 0.0 130.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#28

Bromochloromethane

Concen: 101.564 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.006 min

Lab File: VY017740.D

Acq: 22 Mar 2024 11:37

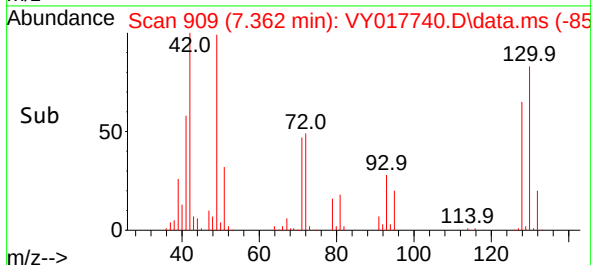
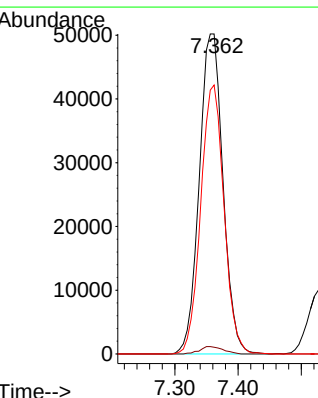
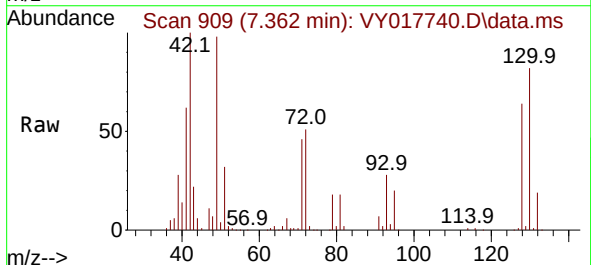
Tgt Ion: 49 Resp: 130583

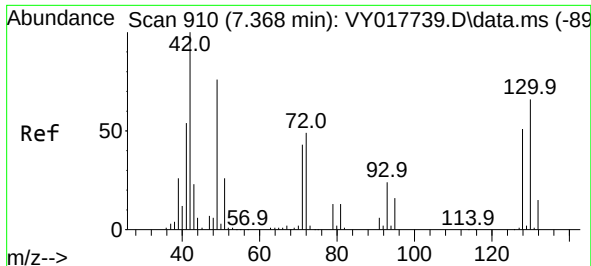
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 82.2 72.7 109.1





#29

Tetrahydrofuran

Concen: 520.800 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.000 min

Lab File: VY017740.D

Acq: 22 Mar 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 42 Resp: 153318

Ion Ratio Lower Upper

42 100

72 49.4 43.0 64.4

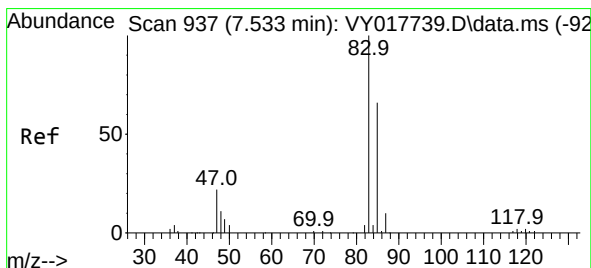
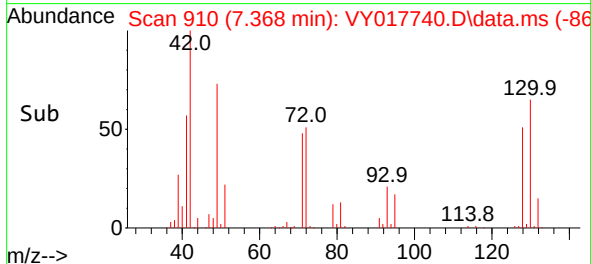
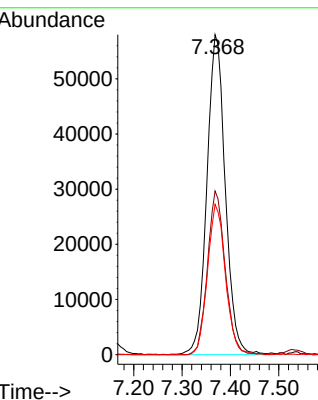
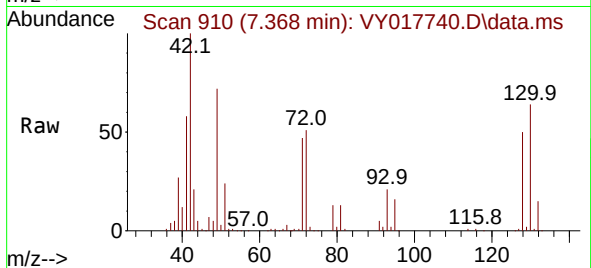
71 46.0 40.8 61.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#30

Chloroform

Concen: 93.958 ug/l

RT: 7.527 min Scan# 936

Delta R.T. -0.006 min

Lab File: VY017740.D

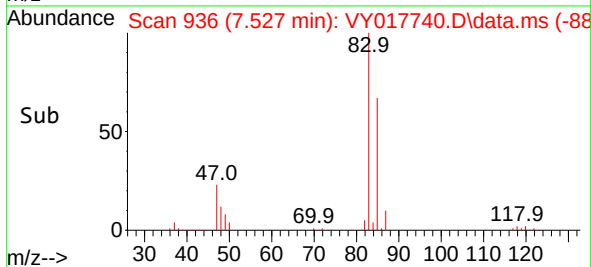
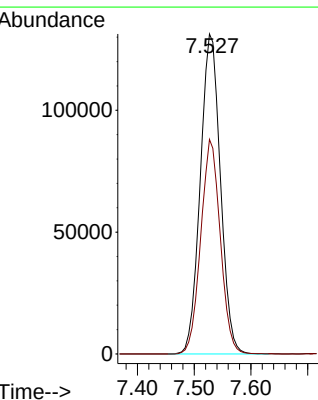
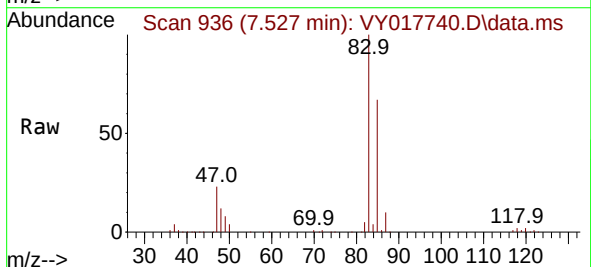
Acq: 22 Mar 2024 11:37

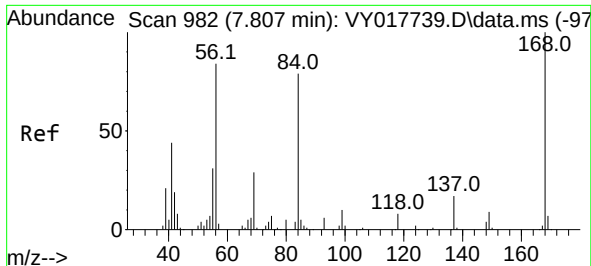
Tgt Ion: 83 Resp: 323035

Ion Ratio Lower Upper

83 100

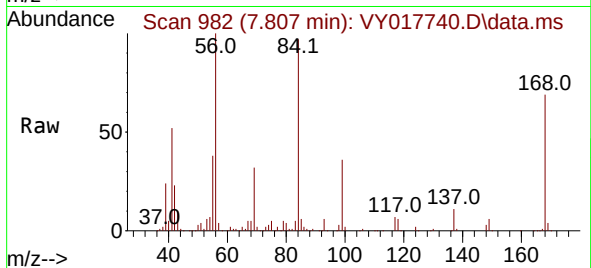
85 67.0 52.2 78.4





#31
Cyclohexane
Concen: 92.906 ug/l
RT: 7.807 min Scan# 918
Delta R.T. -0.000 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37

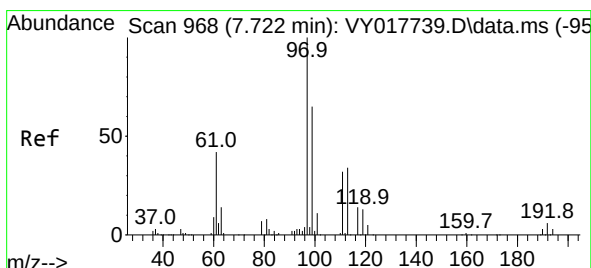
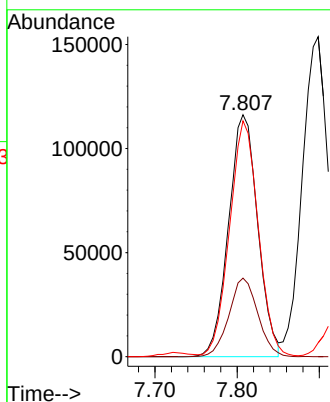
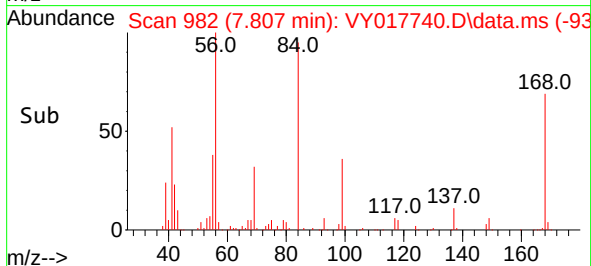
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



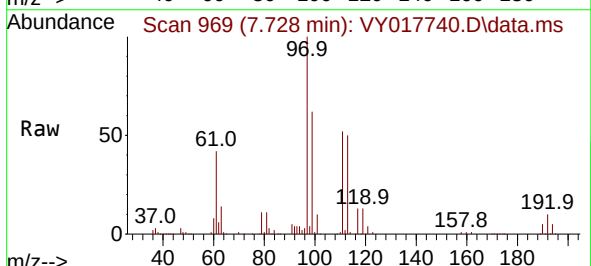
Tgt Ion: 56 Resp: 286818
Ion Ratio Lower Upper
56 100
69 32.5 28.7 43.1
84 95.9 77.7 116.5

Manual Integrations
APPROVED

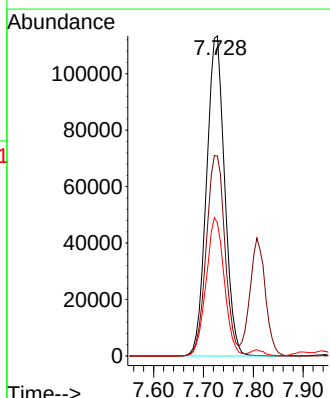
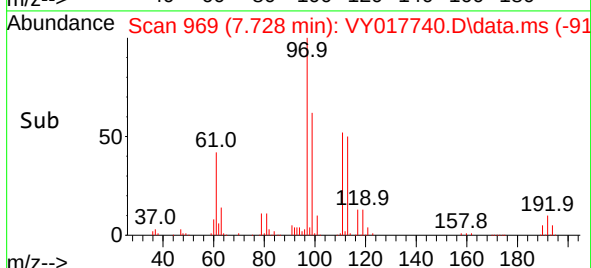
Reviewed By :Semsettin Yesilyurt 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024

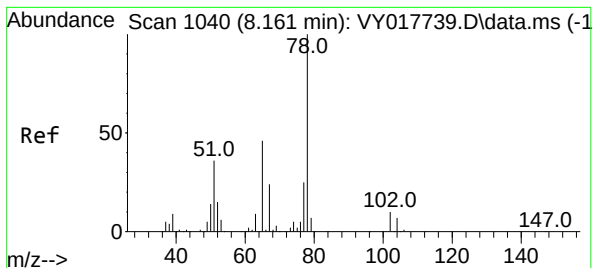


#32
1,1,1-Trichloroethane
Concen: 95.512 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37



Tgt Ion: 97 Resp: 285985
Ion Ratio Lower Upper
97 100
99 64.6 50.3 75.5
61 43.5 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 104.391 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY017740.D

Acq: 22 Mar 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 65 Resp: 16294

Ion Ratio Lower Upper

65 100

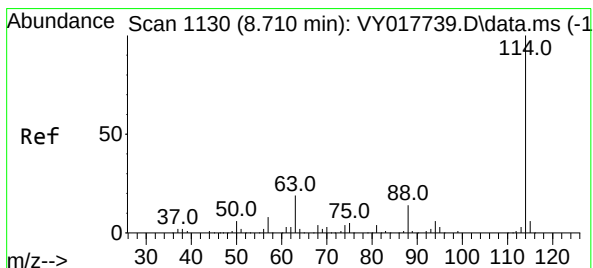
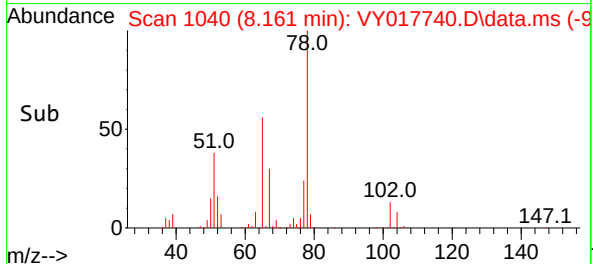
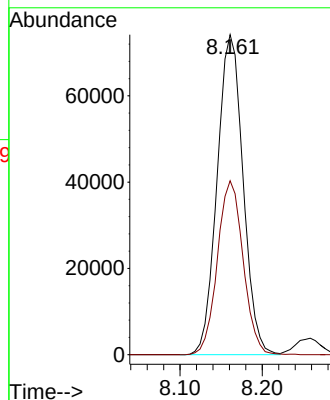
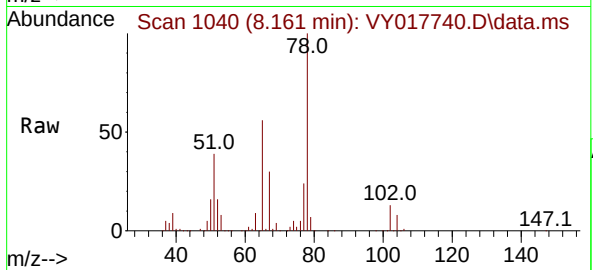
67 53.9 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VY017740.D

Acq: 22 Mar 2024 11:37

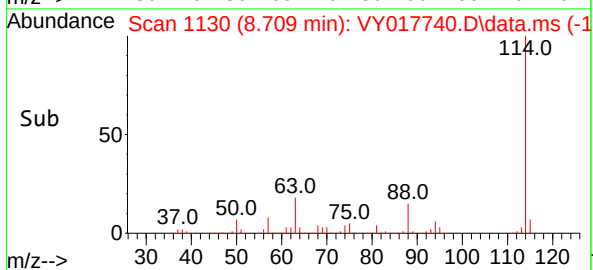
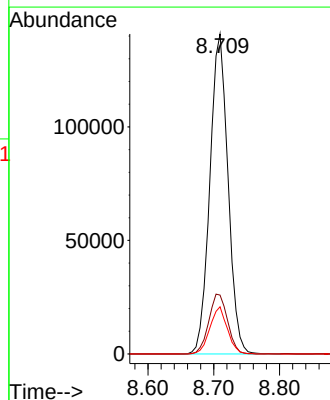
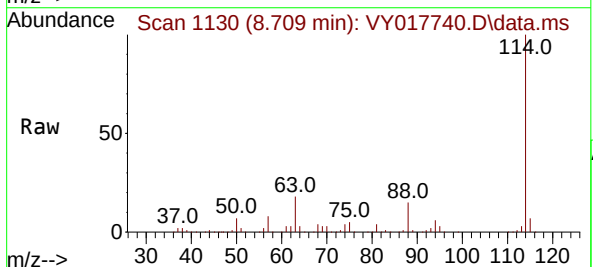
Tgt Ion:114 Resp: 270324

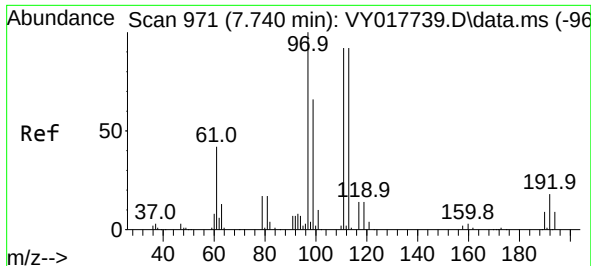
Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.0

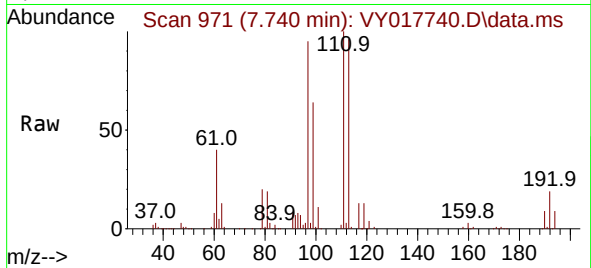
88 14.8 0.0 27.2





#35
Dibromofluoromethane
Concen: 104.502 ug/l
RT: 7.740 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37

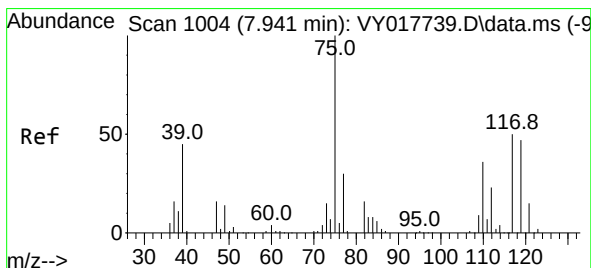
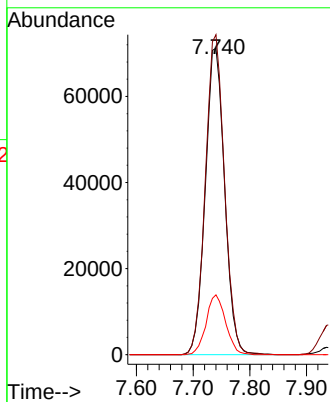
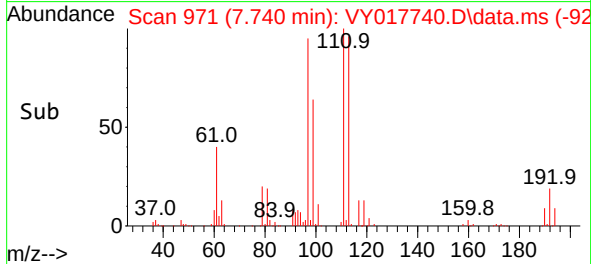
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



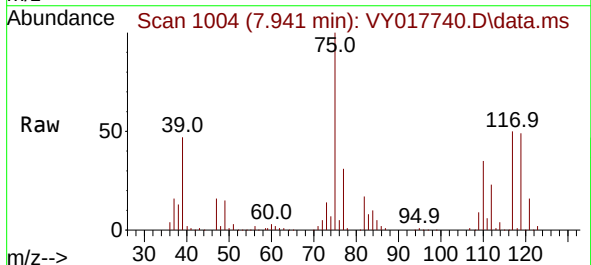
Tgt Ion:113 Resp: 168862
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.4
192 19.7 15.9 23.9

Manual Integrations
APPROVED

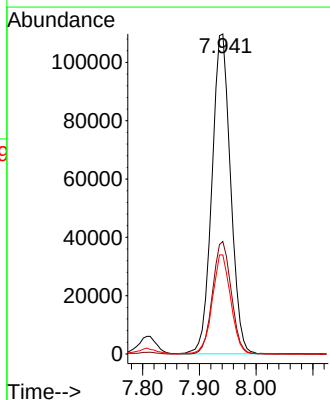
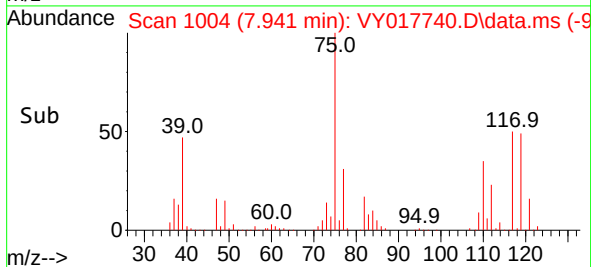
Reviewed By :Semsettin Yesilyurt 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024

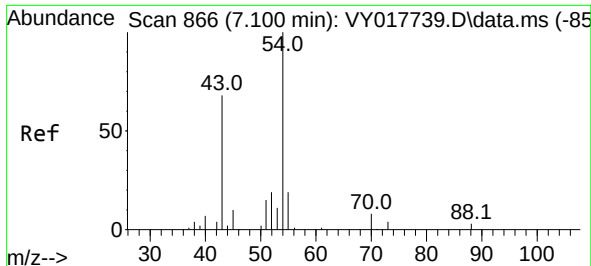


#36
1,1-Dichloropropene
Concen: 100.360 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37



Tgt Ion: 75 Resp: 250537
Ion Ratio Lower Upper
75 100
110 35.1 19.0 57.0
77 30.8 25.3 37.9





#37

Ethyl Acetate

Concen: 113.941 ug/l

RT: 7.094 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY017740.D

Acq: 22 Mar 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

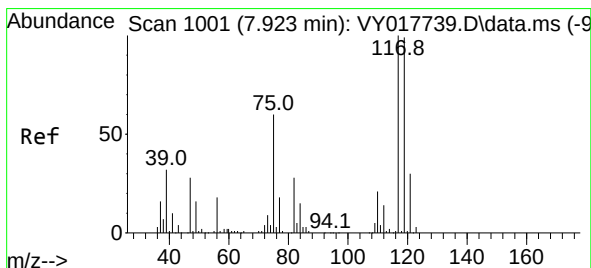
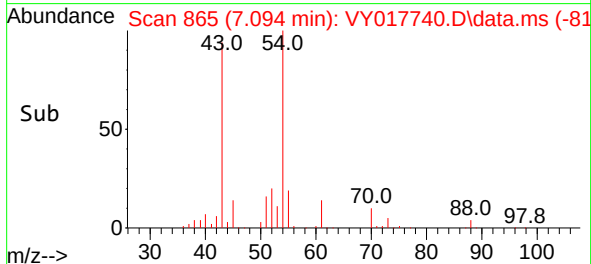
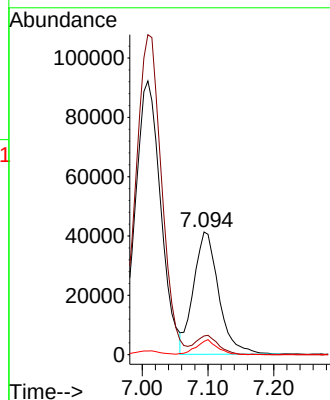
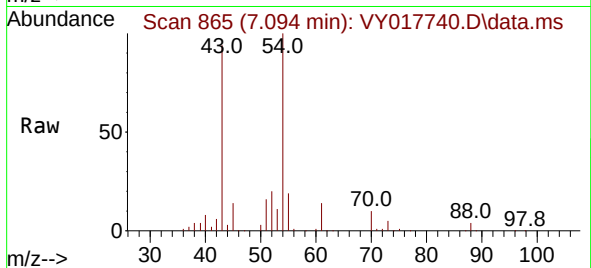
Tgt Ion: 43 Resp: 109298

Ion	Ratio	Lower	Upper
43	100		
61	14.6	12.6	19.0
70	10.3	7.8	11.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#38

Carbon Tetrachloride

Concen: 100.058 ug/l

RT: 7.923 min Scan# 1001

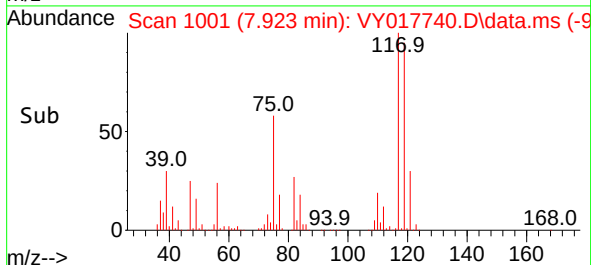
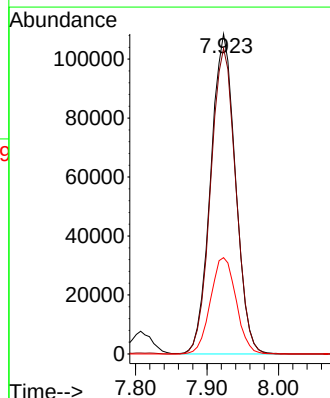
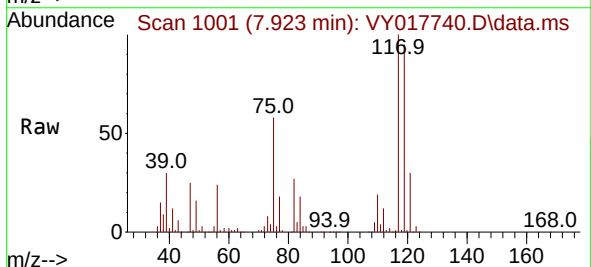
Delta R.T. -0.000 min

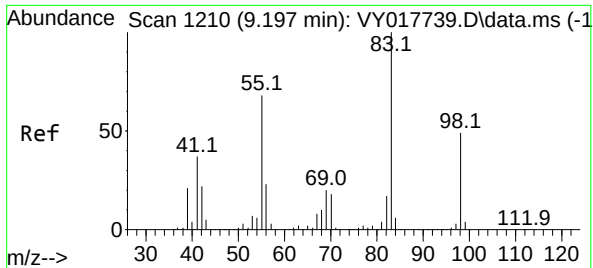
Lab File: VY017740.D

Acq: 22 Mar 2024 11:37

Tgt Ion:117 Resp: 261541

Ion	Ratio	Lower	Upper
117	100		
119	95.4	75.8	113.6
121	30.1	24.0	36.0





#39

Methylcyclohexane

Concen: 105.551 ug/l

RT: 9.203 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017740.D

Acq: 22 Mar 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 338240

Ion Ratio Lower Upper

83 100

55 68.7 51.5 77.3

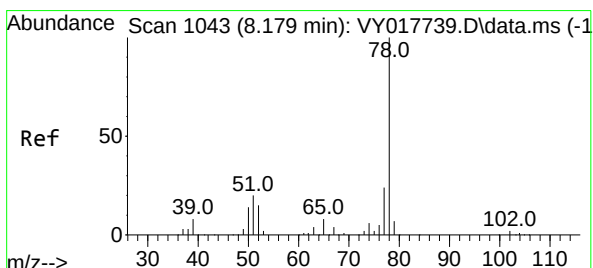
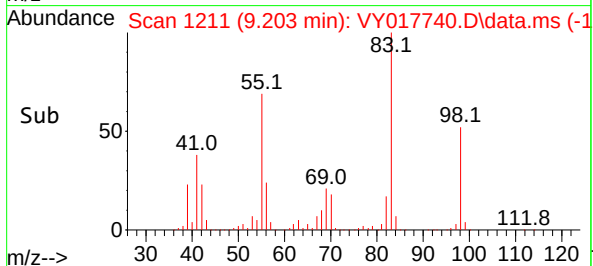
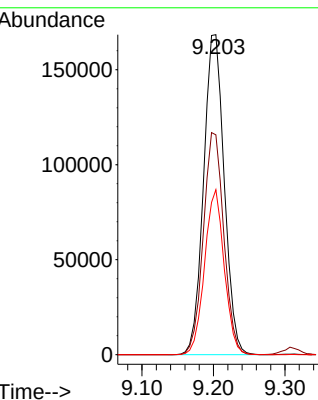
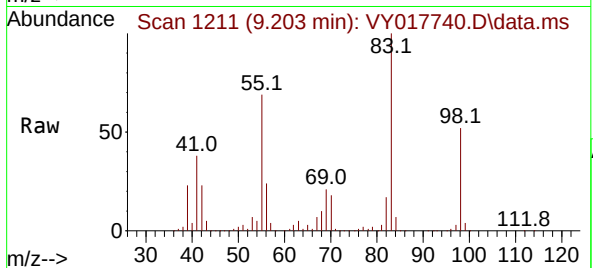
98 51.5 40.5 60.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#40

Benzene

Concen: 101.048 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY017740.D

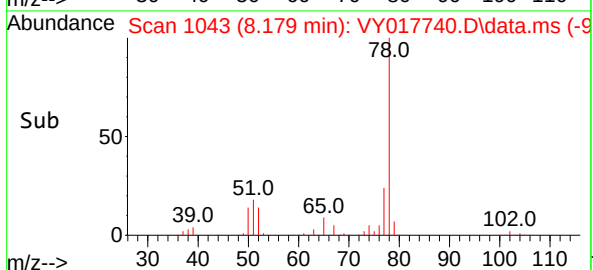
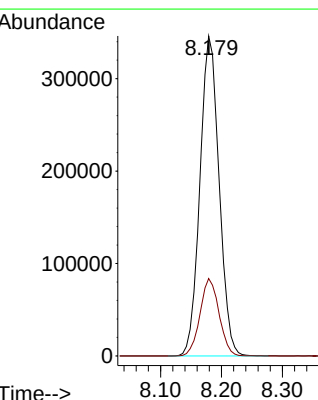
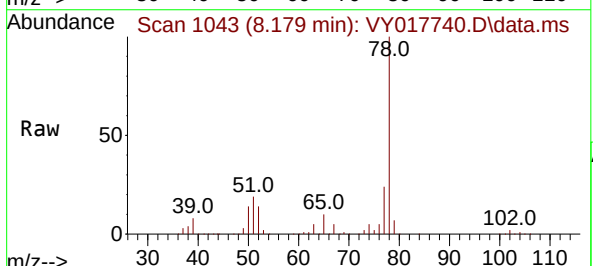
Acq: 22 Mar 2024 11:37

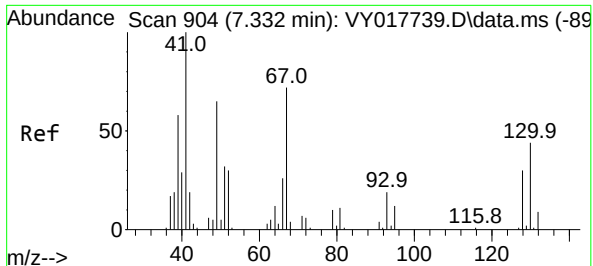
Tgt Ion: 78 Resp: 755087

Ion Ratio Lower Upper

78 100

77 24.2 19.5 29.3





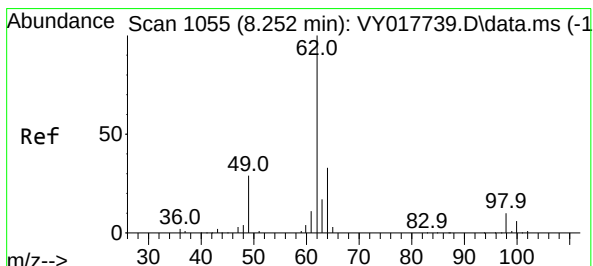
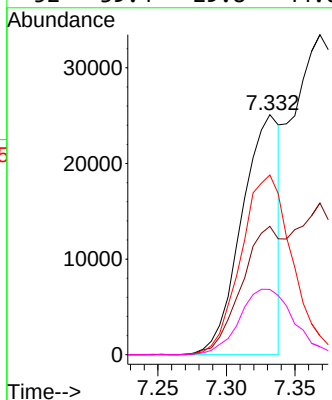
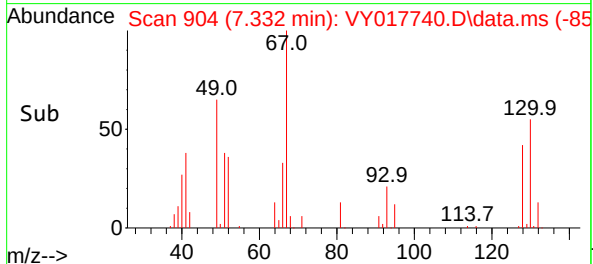
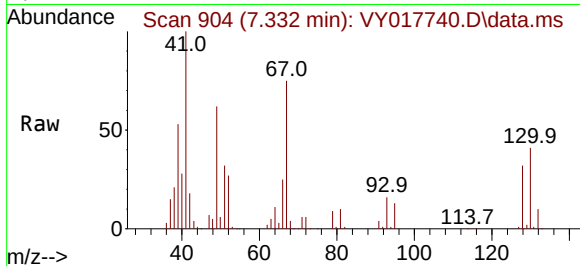
#41
Methacrylonitrile
Concen: 102.183 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 41	Resp: 48418
Ion Ratio	Lower Upper
41 100	
39 62.4	48.0 72.0
67 101.6	75.1 112.7
52 39.4	29.8 44.6

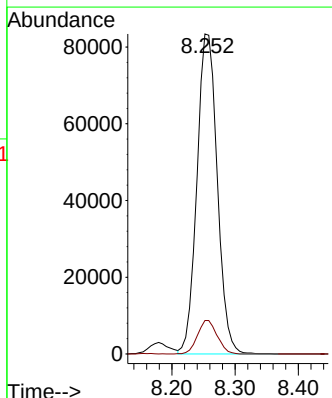
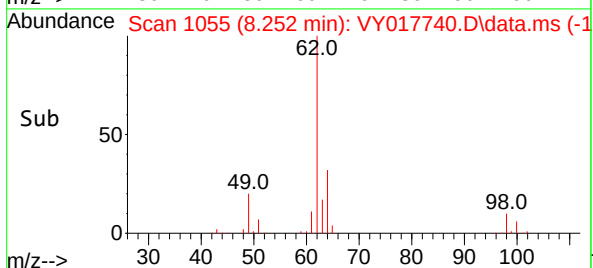
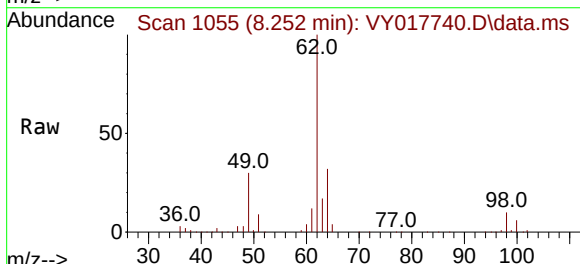
Manual Integrations
APPROVED

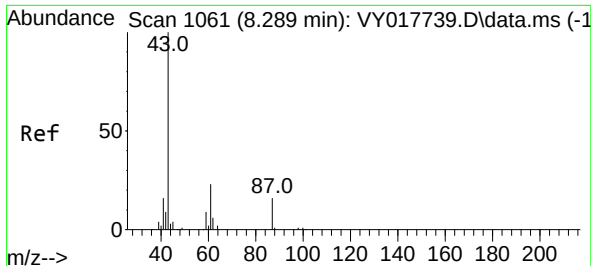
Reviewed By :Semsettin Yesilyurt 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#42
1,2-Dichloroethane
Concen: 104.456 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37

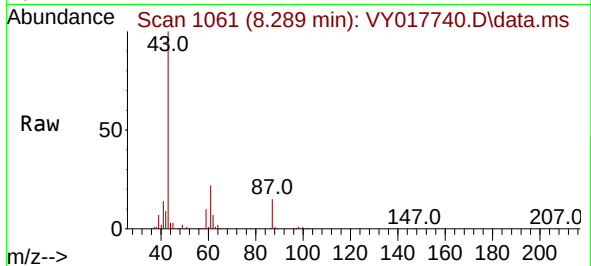
Tgt Ion: 62	Resp: 186959
Ion Ratio	Lower Upper
62 100	
98 10.1	0.0 22.0





#43
Isopropyl Acetate
Concen: 107.488 ug/l
RT: 8.289 min Scan# 1061
Delta R.T. -0.000 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37

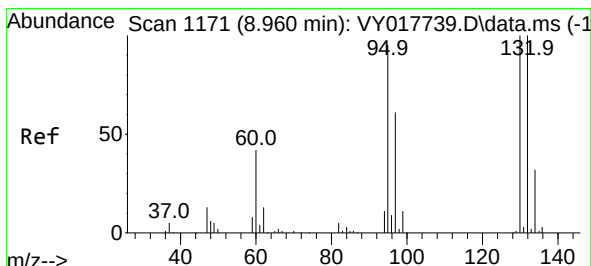
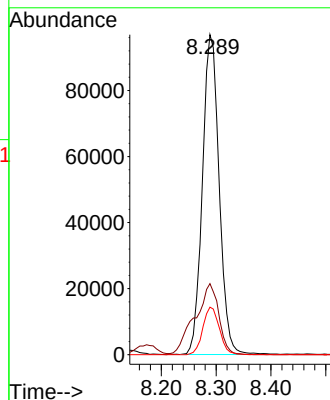
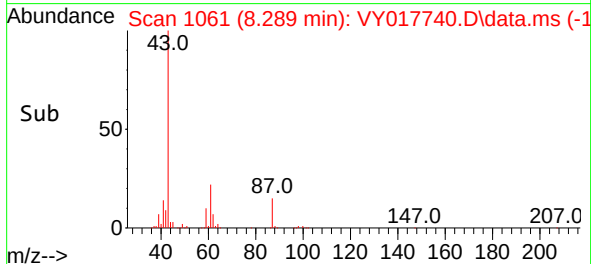
Instrument : MSVOA_Y
ClientSampleId : VSTDICC100



Tgt Ion: 43 Resp: 20557
Ion Ratio Lower Upper
43 100
61 31.6 27.9 41.9
87 14.7 13.1 19.7

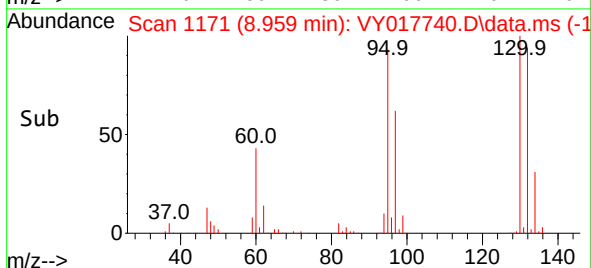
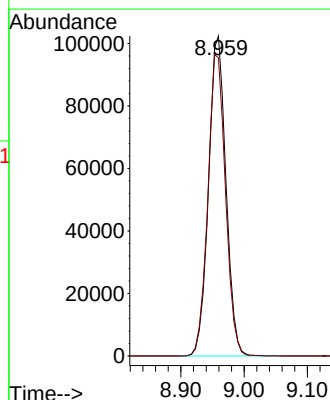
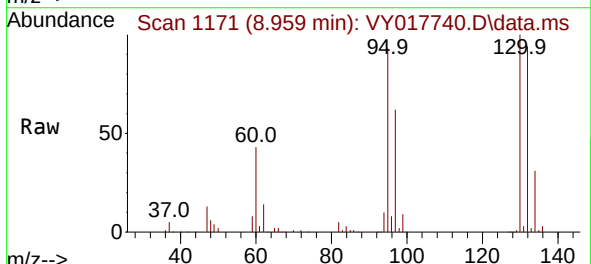
Manual Integrations
APPROVED

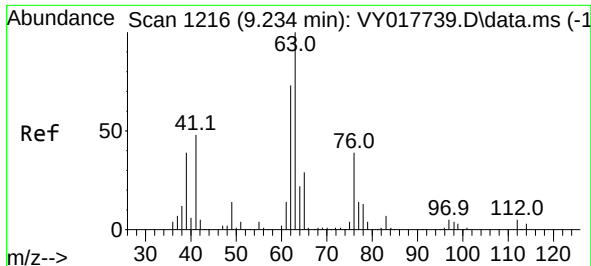
Reviewed By :Semsettin Yesilyurt 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#44
Trichloroethene
Concen: 99.826 ug/l
RT: 8.959 min Scan# 1171
Delta R.T. -0.000 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37

Tgt Ion:130 Resp: 195117
Ion Ratio Lower Upper
130 100
95 93.2 0.0 188.0





#45

1,2-Dichloropropane

Concen: 102.497 ug/l

RT: 9.234 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017740.D

Acq: 22 Mar 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 17451

Ion Ratio Lower Upper

63 100

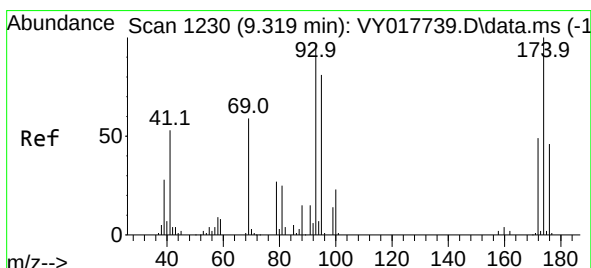
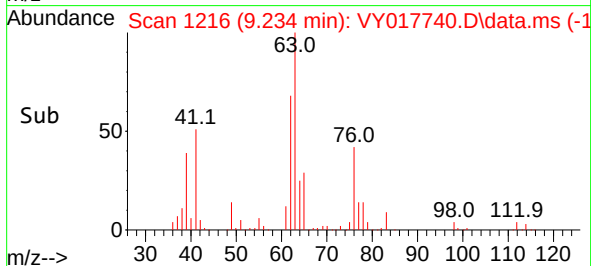
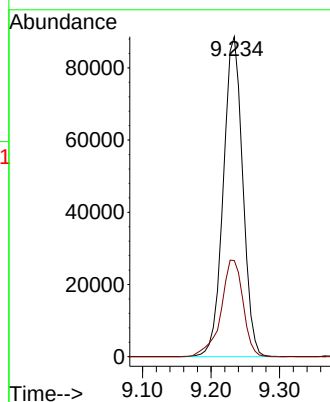
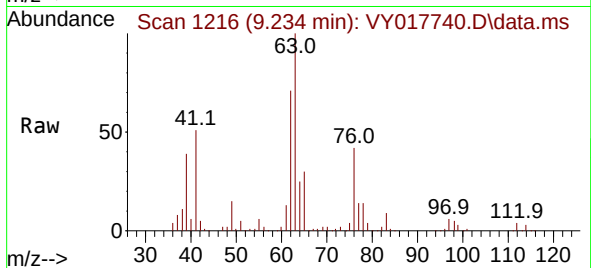
65 30.0 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#46

Dibromomethane

Concen: 106.285 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. -0.000 min

Lab File: VY017740.D

Acq: 22 Mar 2024 11:37

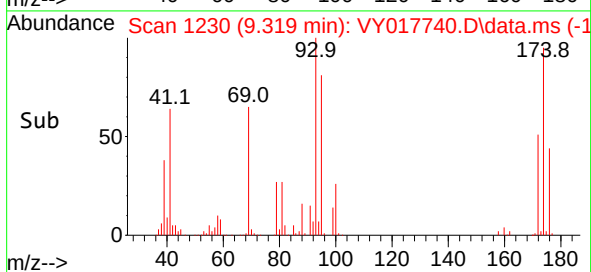
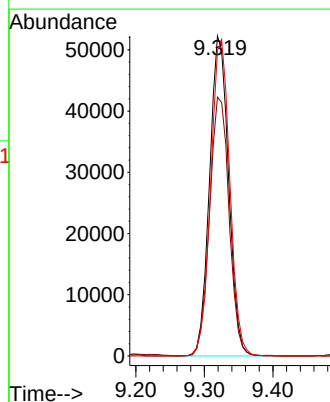
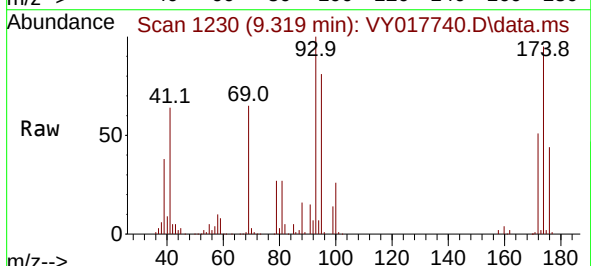
Tgt Ion: 93 Resp: 100840

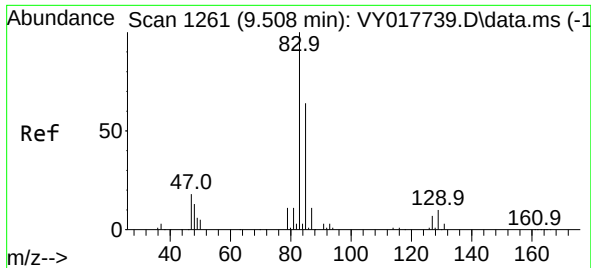
Ion Ratio Lower Upper

93 100

95 83.3 66.2 99.4

174 99.0 80.9 121.3





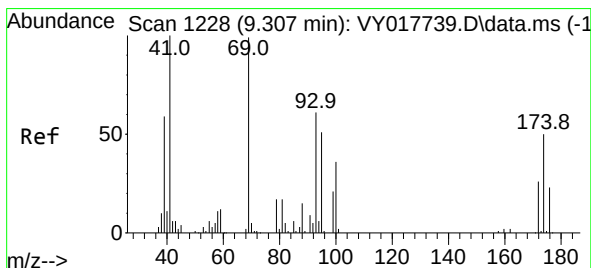
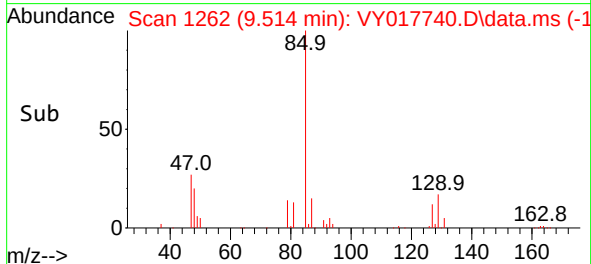
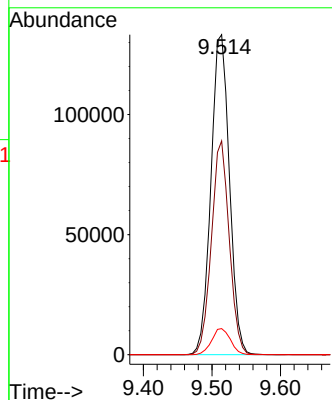
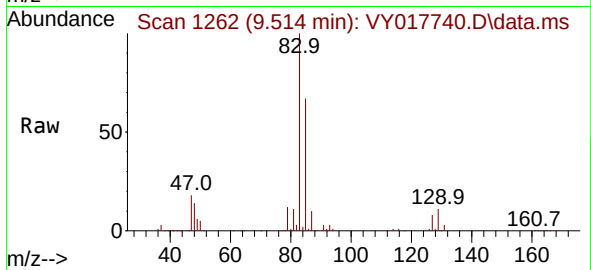
#47
Bromodichloromethane
Concen: 102.852 ug/l
RT: 9.514 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 24951
Ion Ratio Lower Upper
83 100
85 66.8 50.1 75.1
127 8.2 7.4 11.0

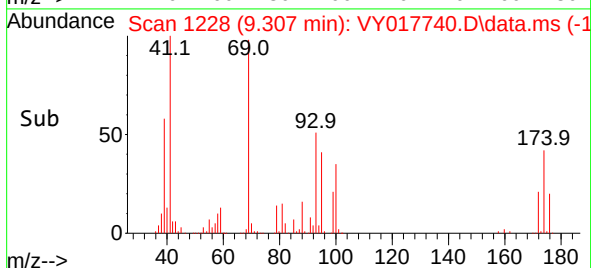
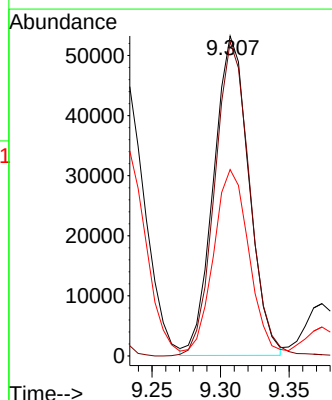
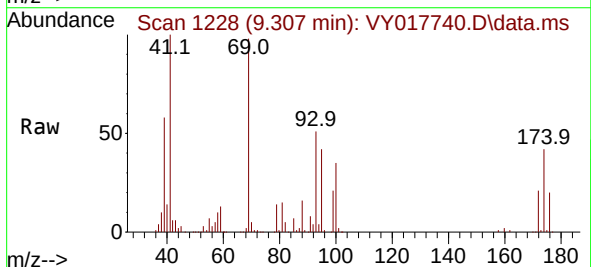
Manual Integrations
APPROVED

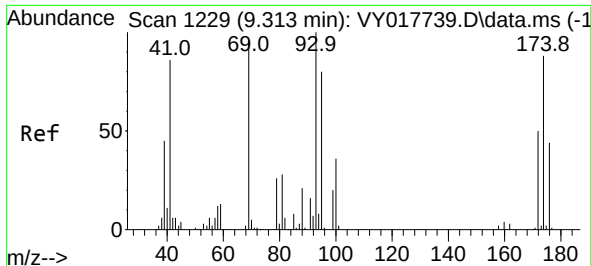
Reviewed By :Semsettin Yesilyurt 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#48
Methyl methacrylate
Concen: 106.606 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37

Tgt Ion: 41 Resp: 95417
Ion Ratio Lower Upper
41 100
69 97.3 84.1 126.1
39 55.9 43.6 65.4





#49

1,4-Dioxane

Concen: 2326.437 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VY017740.D

Acq: 22 Mar 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

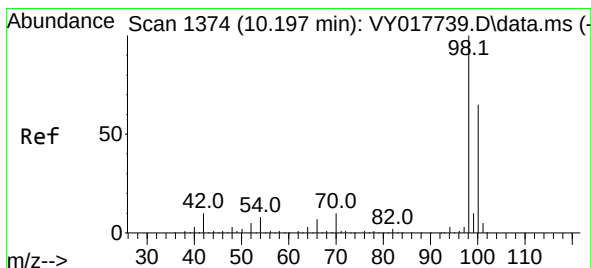
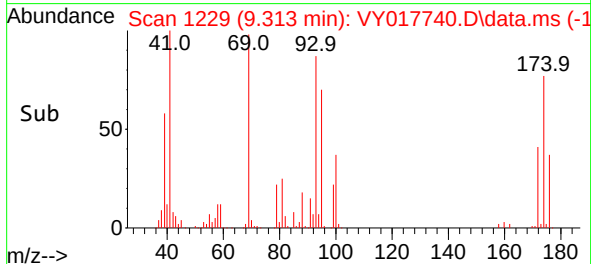
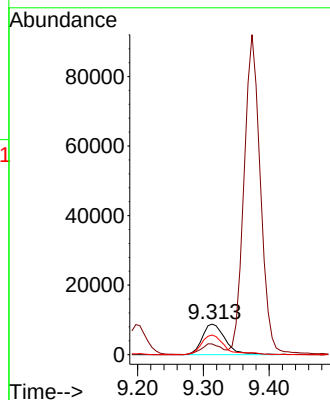
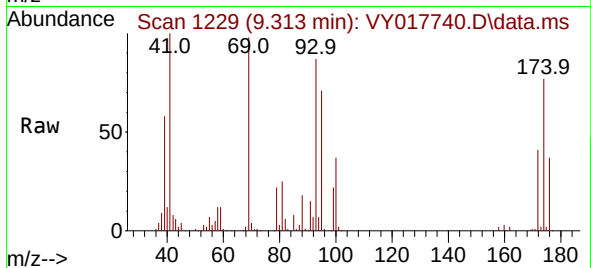
VSTDICC100

Tgt Ion: 88 Resp: 21477
 Ion Ratio Lower Upper
 88 100
 43 31.0 0.0 0.0
 58 64.8 49.3 73.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2024
 Supervised By :Mahesh Dadoda 03/25/2024



#50

Toluene-d8

Concen: 107.564 ug/l

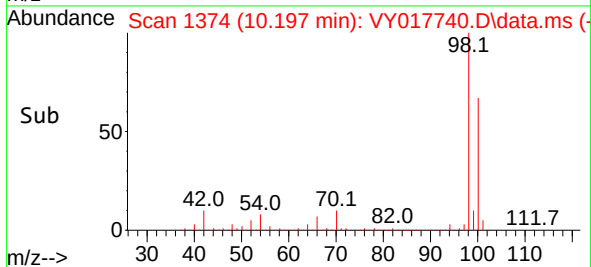
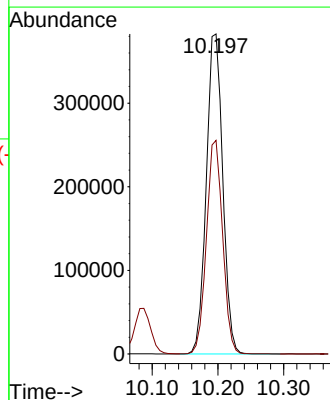
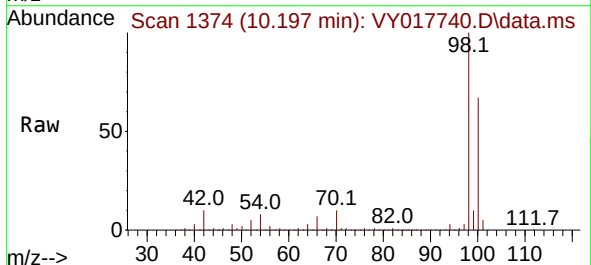
RT: 10.197 min Scan# 1374

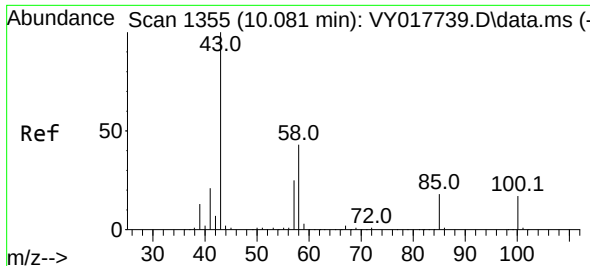
Delta R.T. -0.000 min

Lab File: VY017740.D

Acq: 22 Mar 2024 11:37

Tgt Ion: 98 Resp: 665215
 Ion Ratio Lower Upper
 98 100
 100 65.8 52.0 78.0





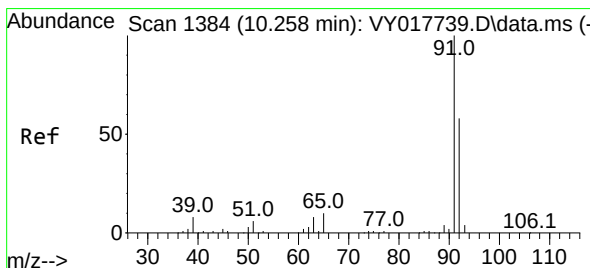
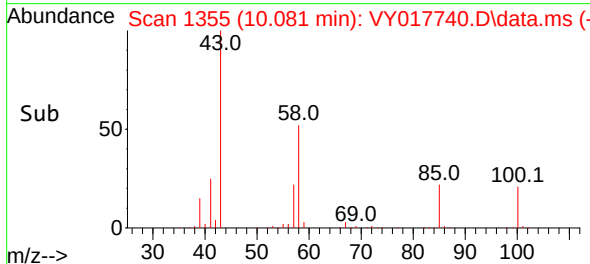
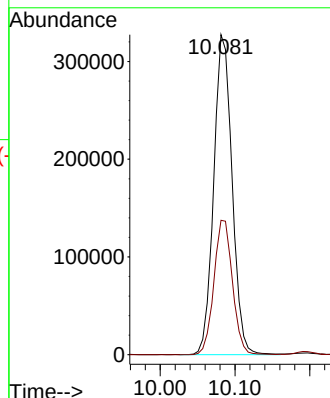
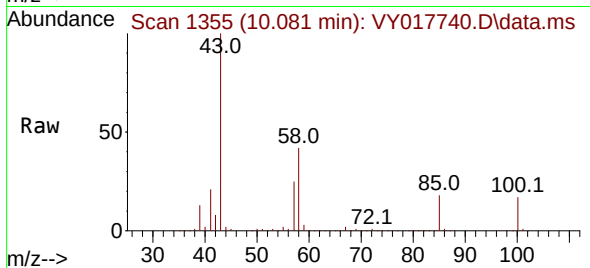
#51
4-Methyl-2-Pentanone
Concen: 541.291 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.000 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 558934
Ion Ratio Lower Upper
43 100
58 42.5 35.7 53.5

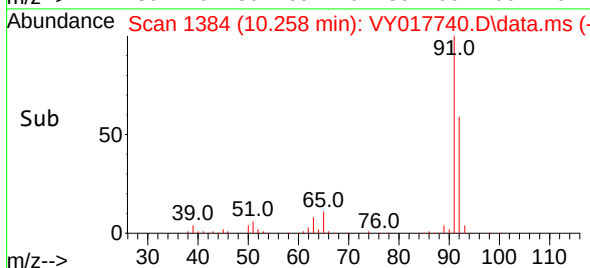
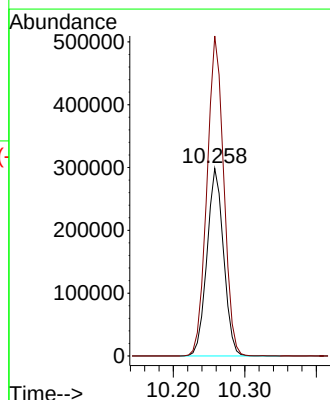
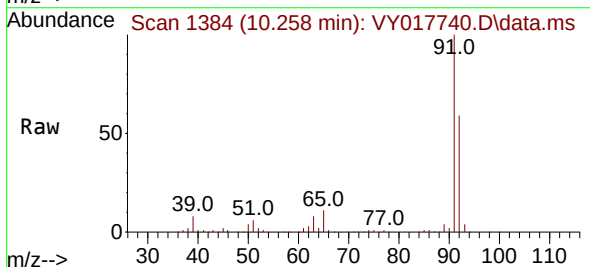
Manual Integrations
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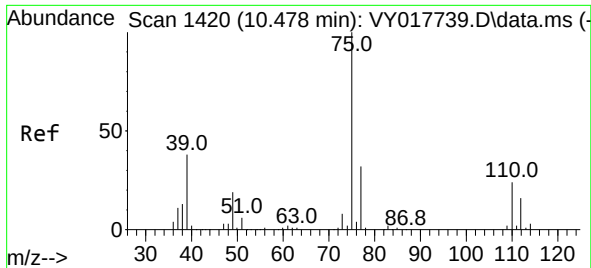
Reviewed By :Semsettin Yesilyurt 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#52
Toluene
Concen: 104.222 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37

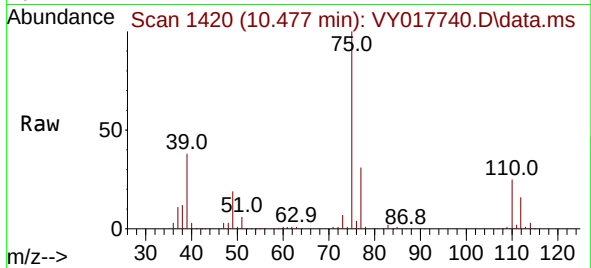
Tgt Ion: 92 Resp: 481249
Ion Ratio Lower Upper
92 100
91 172.4 139.0 208.6





#53
t-1,3-Dichloropropene
Concen: 112.768 ug/l
RT: 10.477 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37

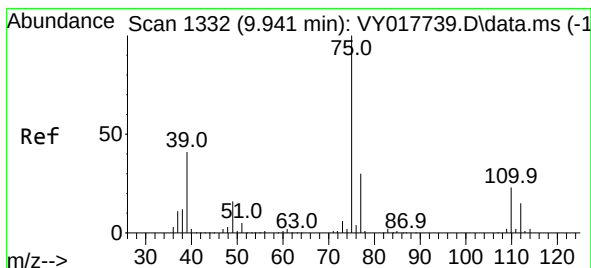
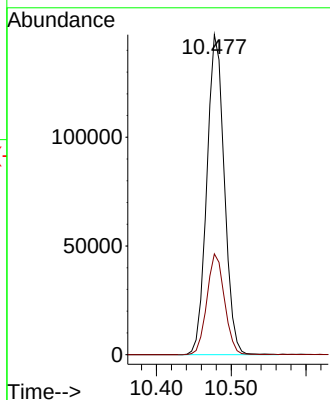
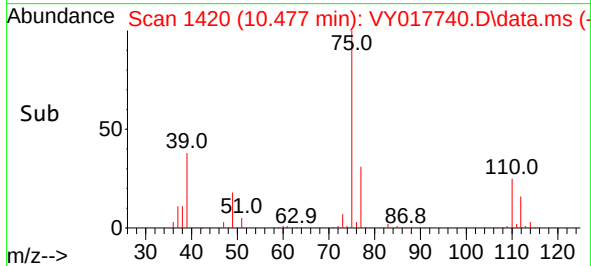
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 75 Resp: 239258
Ion Ratio Lower Upper
75 100
77 31.5 24.1 36.1

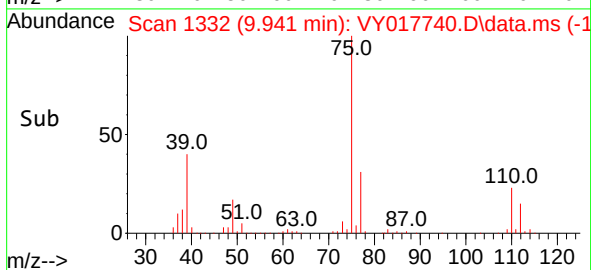
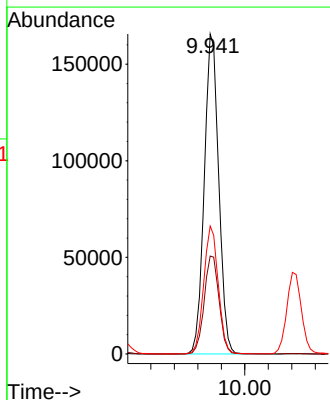
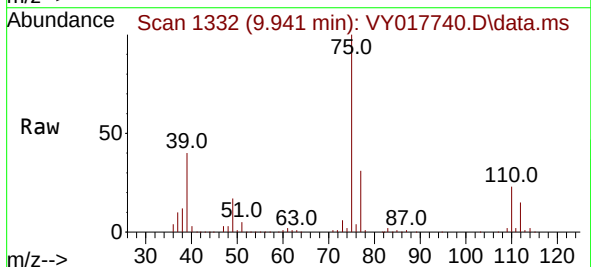
Manual Integrations
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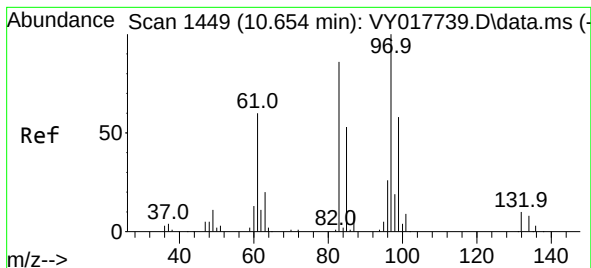
Reviewed By :Semsettin Yesilyurt 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#54
cis-1,3-Dichloropropene
Concen: 109.461 ug/l
RT: 9.941 min Scan# 1332
Delta R.T. -0.000 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37

Tgt Ion: 75 Resp: 283698
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.0
39 39.9 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 107.444 ug/l

RT: 10.660 min Scan# 1449

Delta R.T. 0.006 min

Lab File: VY017740.D

Acq: 22 Mar 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 97 Resp: 130400

Ion Ratio Lower Upper

97 100

83 87.4 67.5 101.3

85 56.5 42.9 64.3

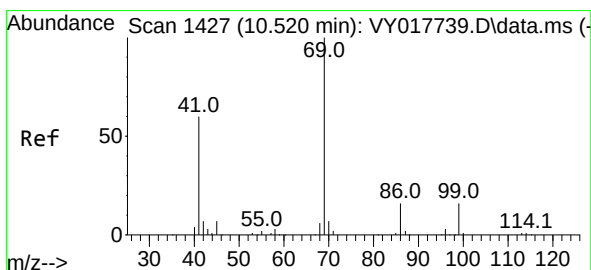
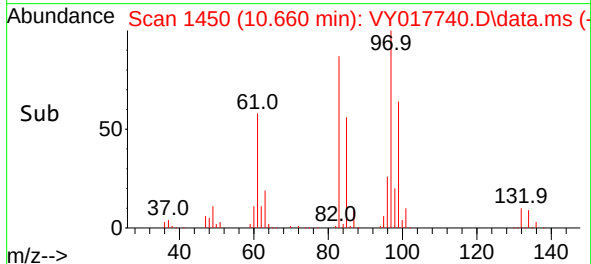
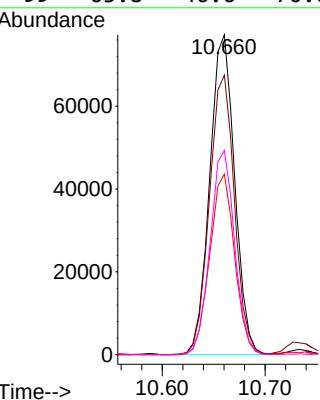
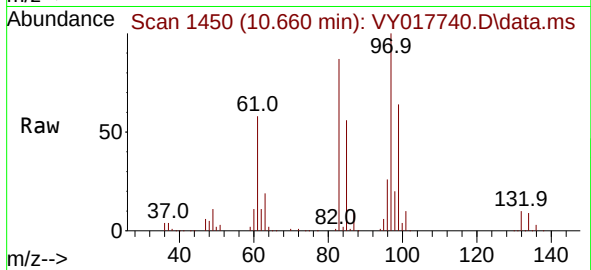
99 63.8 46.6 70.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#56

Ethyl methacrylate

Concen: 108.827 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VY017740.D

Acq: 22 Mar 2024 11:37

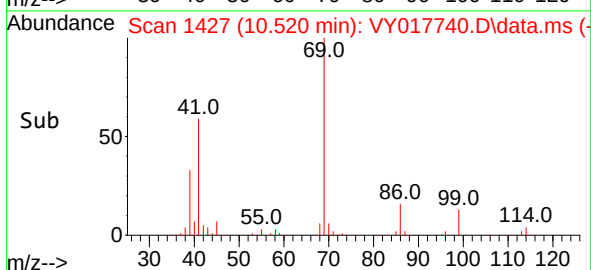
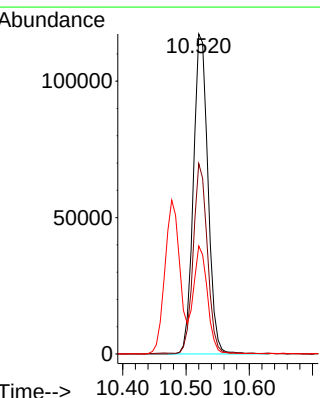
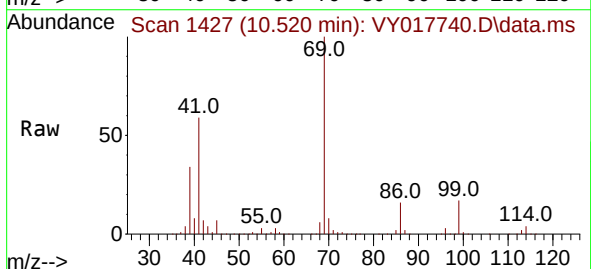
Tgt Ion: 69 Resp: 188388

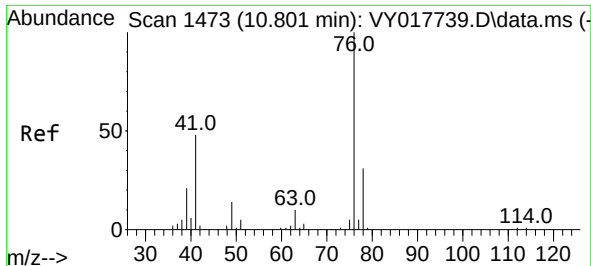
Ion Ratio Lower Upper

69 100

41 57.5 42.3 63.5

39 32.2 22.9 34.3





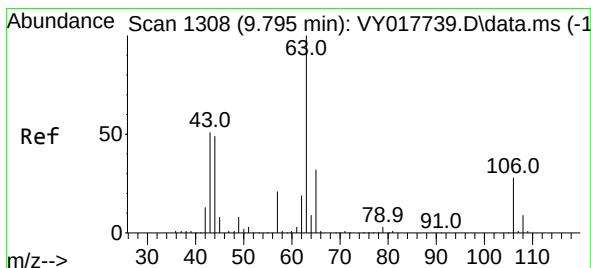
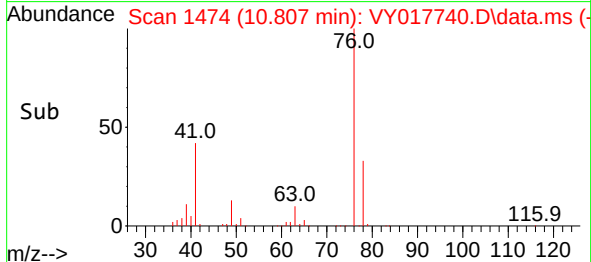
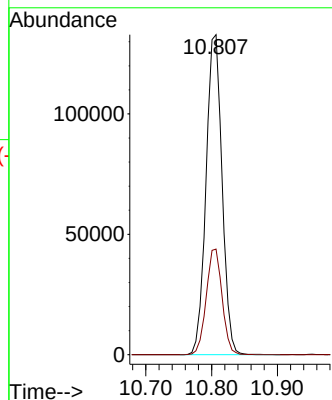
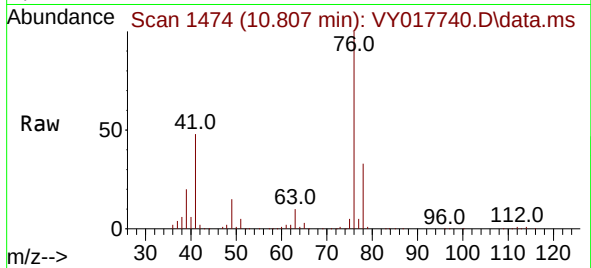
#57
1,3-Dichloropropane
Concen: 107.603 ug/l
RT: 10.807 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 22495
Ion Ratio Lower Upper
76 100
78 32.7 26.2 39.4

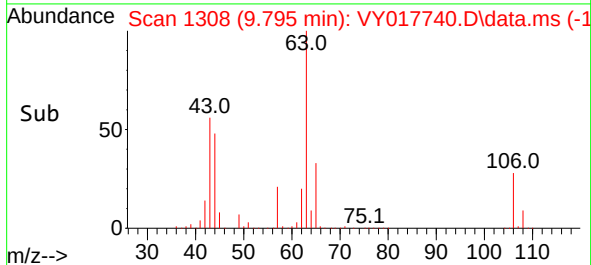
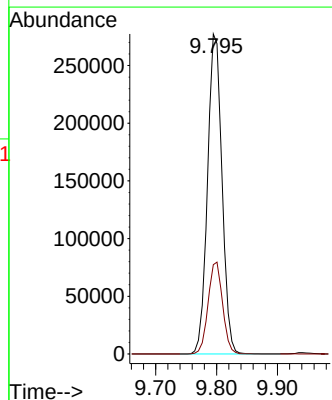
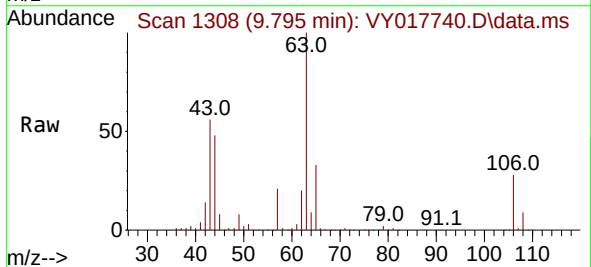
Manual Integrations
APPROVED

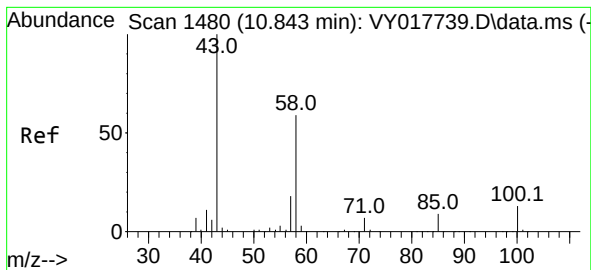
Reviewed By :Semsettin Yesilyurt 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#58
2-Chloroethyl Vinyl ether
Concen: 521.534 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. -0.000 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37

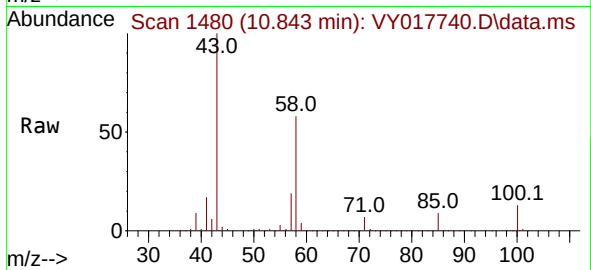
Tgt Ion: 63 Resp: 456878
Ion Ratio Lower Upper
63 100
106 28.7 23.7 35.5





#59
2-Hexanone
Concen: 547.734 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37

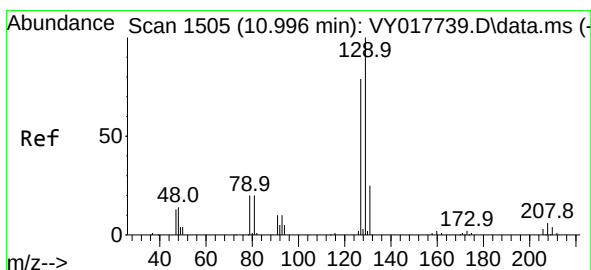
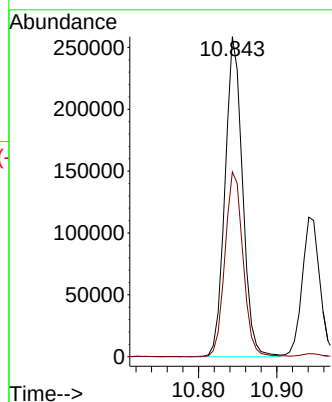
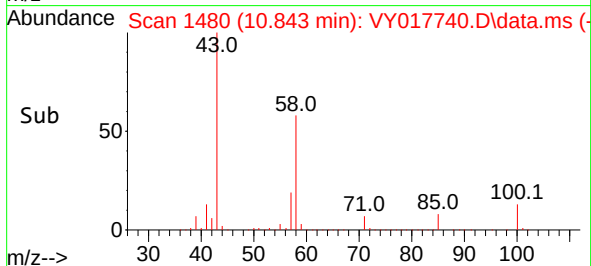
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 401388
Ion Ratio Lower Upper
43 100
58 59.6 31.4 94.0

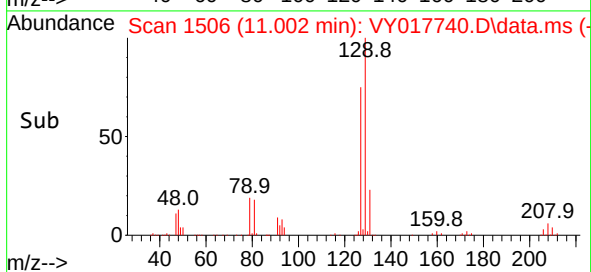
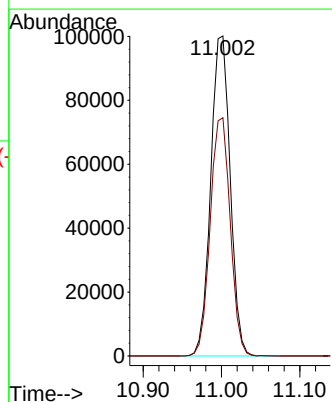
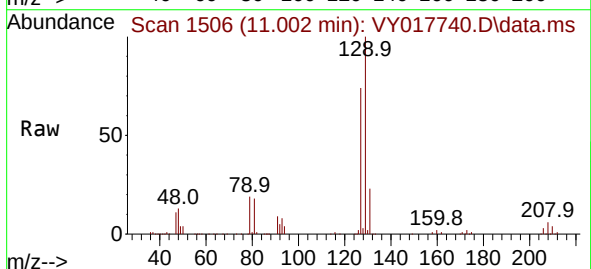
Manual Integrations
APPROVED

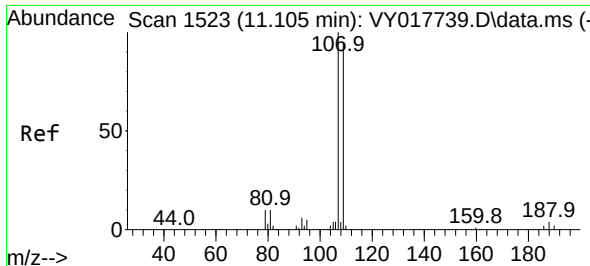
Reviewed By :Semsettin Yesilyurt 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#60
Dibromochloromethane
Concen: 106.573 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.006 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37

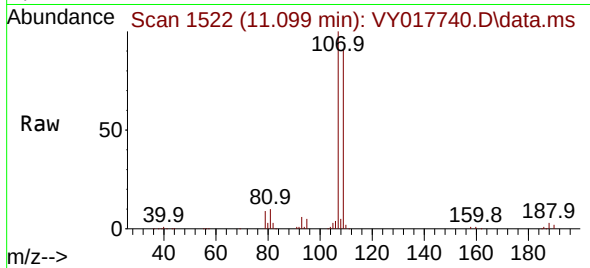
Tgt Ion:129 Resp: 173015
Ion Ratio Lower Upper
129 100
127 76.4 39.0 117.0





#61
1,2-Dibromoethane
Concen: 109.159 ug/l
RT: 11.099 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37

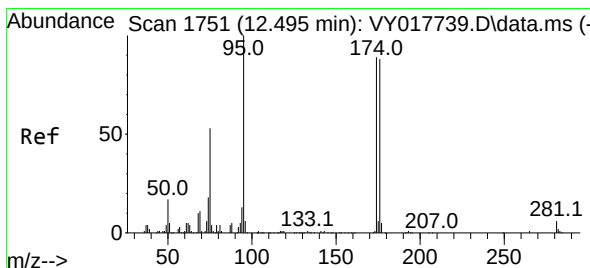
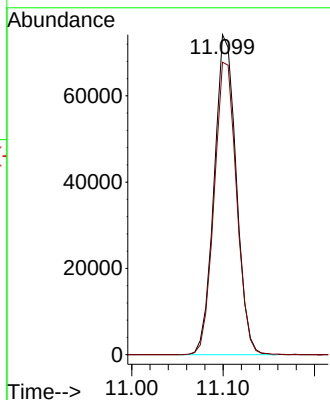
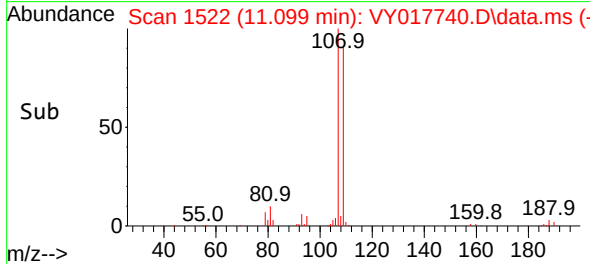
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion:107 Resp: 124384
Ion Ratio Lower Upper
107 100
109 92.9 75.9 113.9

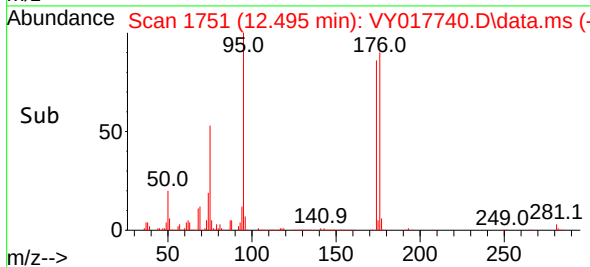
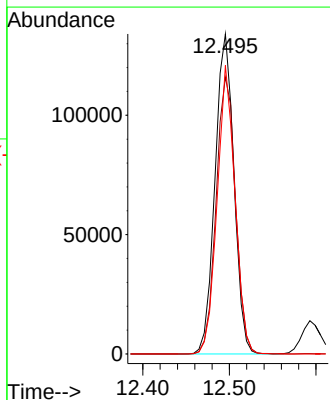
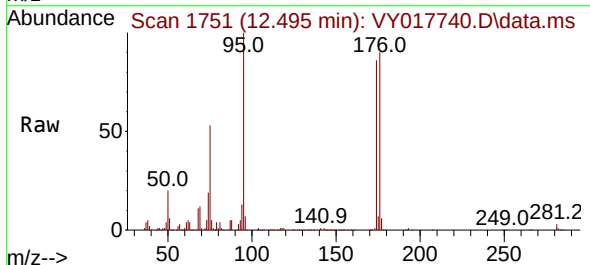
Manual Integrations
APPROVED

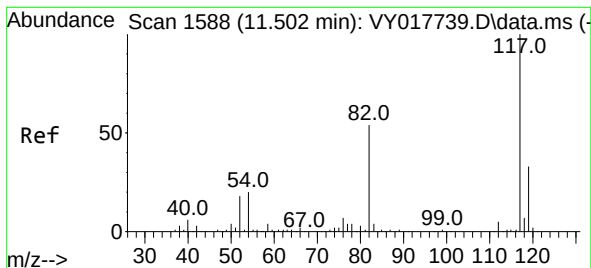
Reviewed By :Semsettin Yesilyurt 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#62
4-Bromofluorobenzene
Concen: 109.440 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.000 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37

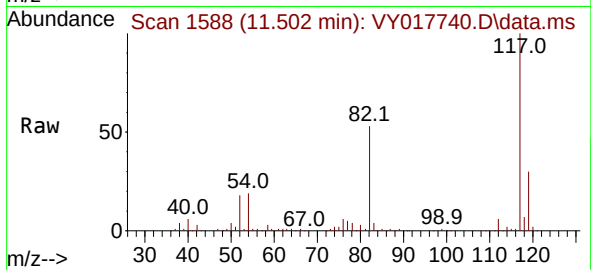
Tgt Ion: 95 Resp: 203234
Ion Ratio Lower Upper
95 100
174 88.9 0.0 175.6
176 85.0 0.0 171.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1158
Delta R.T. -0.000 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37

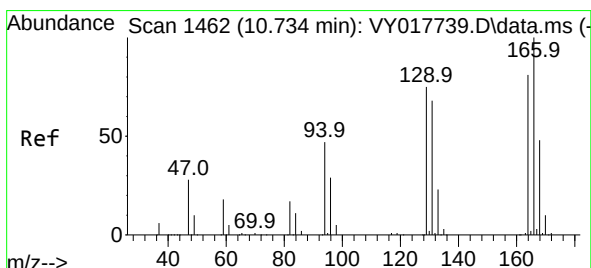
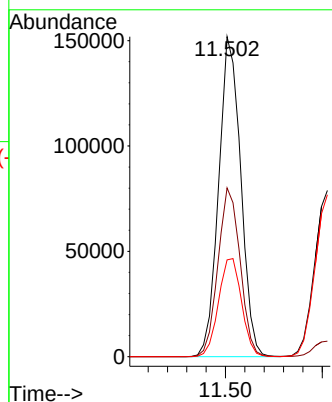
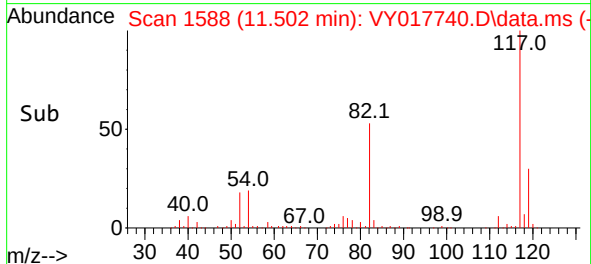
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion:117 Resp: 24026
Ion Ratio Lower Upper
117 100
82 52.7 42.4 63.6
119 30.3 25.9 38.9

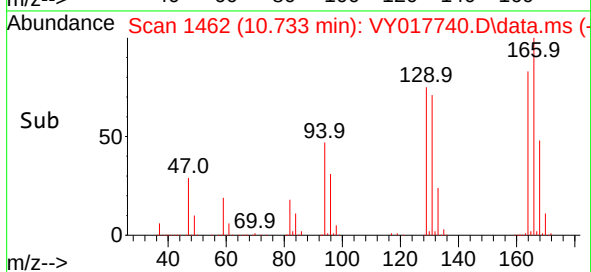
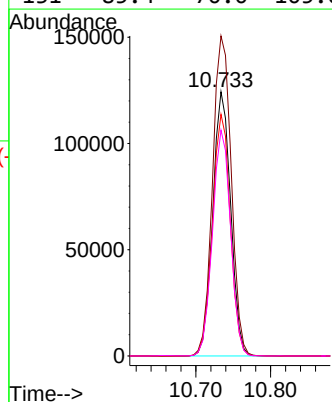
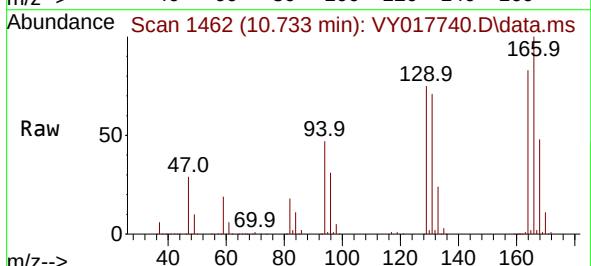
Manual Integrations
APPROVED

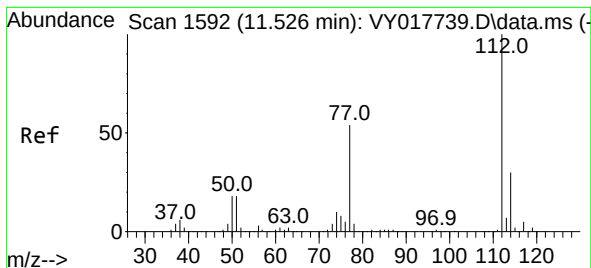
Reviewed By :Semsettin Yesilyurt 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#64
Tetrachloroethene
Concen: 93.255 ug/l
RT: 10.733 min Scan# 1462
Delta R.T. -0.000 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37

Tgt Ion:164 Resp: 207209
Ion Ratio Lower Upper
164 100
166 121.1 102.6 154.0
129 91.4 72.0 108.0
131 85.4 70.0 105.0





#65

Chlorobenzene

Concen: 100.465 ug/l

RT: 11.532 min Scan# 11532

Delta R.T. 0.006 min

Lab File: VY017740.D

Acq: 22 Mar 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion:112 Resp: 51960

Ion Ratio Lower Upper

112 100

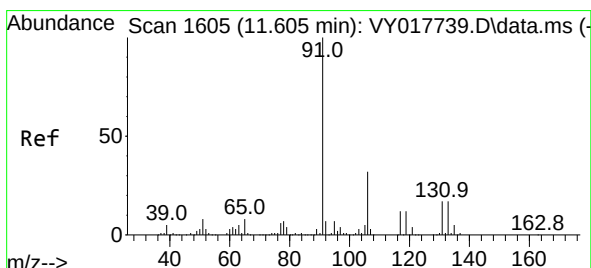
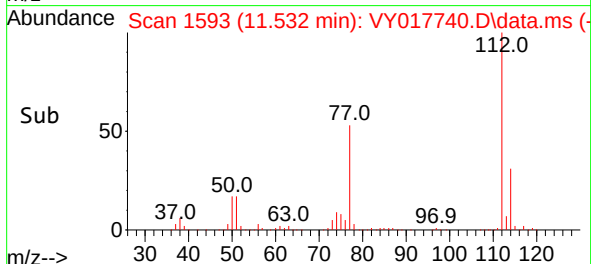
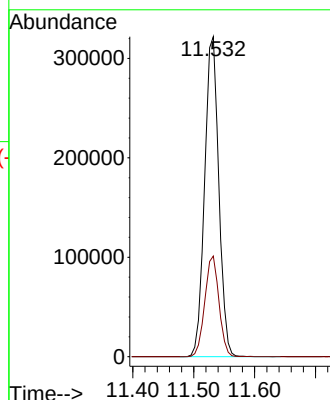
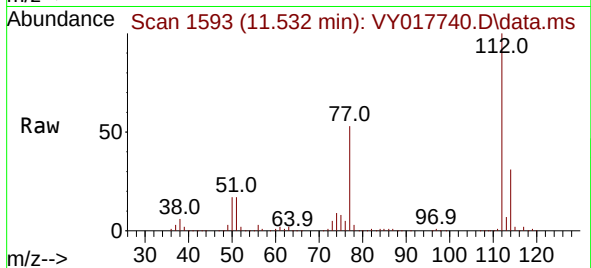
114 31.5 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 103.513 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. -0.000 min

Lab File: VY017740.D

Acq: 22 Mar 2024 11:37

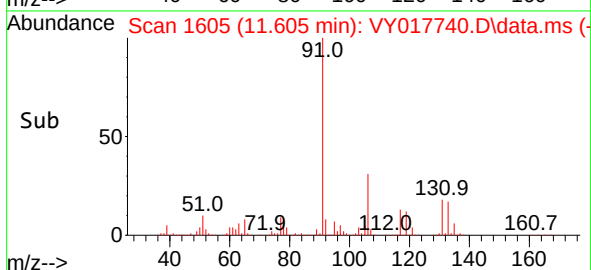
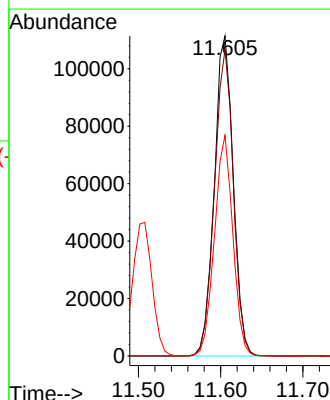
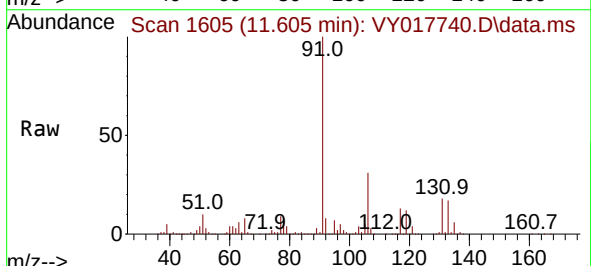
Tgt Ion:131 Resp: 178783

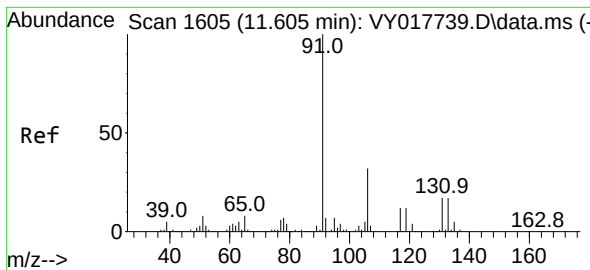
Ion Ratio Lower Upper

131 100

133 95.1 47.8 143.3

119 66.9 34.1 102.2





#67

Ethyl Benzene

Concen: 104.699 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. -0.000 min

Lab File: VY017740.D

Acq: 22 Mar 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 91 Resp: 930004

Ion Ratio Lower Upper

91 100

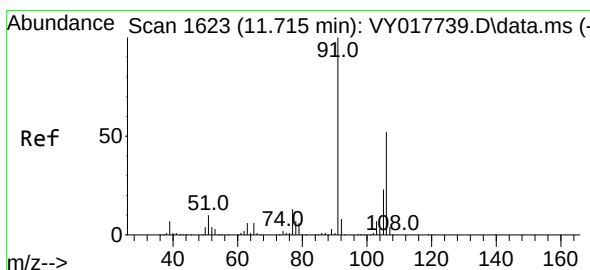
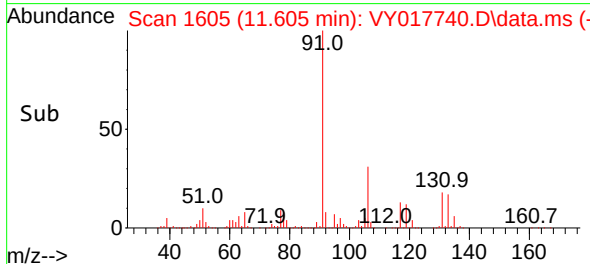
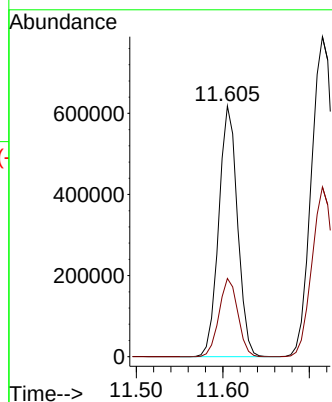
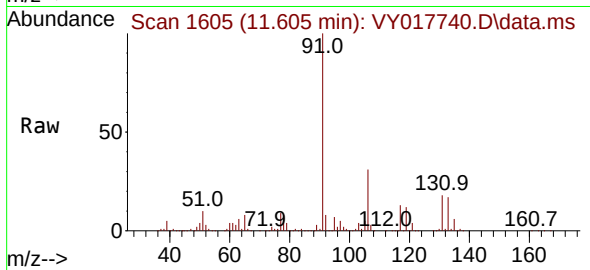
106 31.2 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#68

m/p-Xylenes

Concen: 211.540 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. -0.000 min

Lab File: VY017740.D

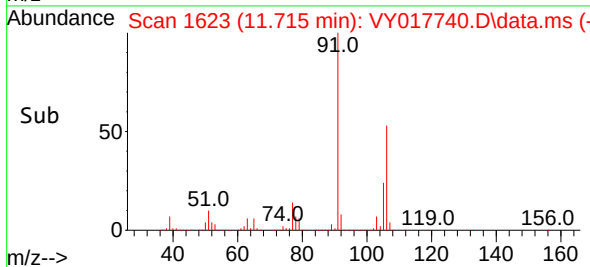
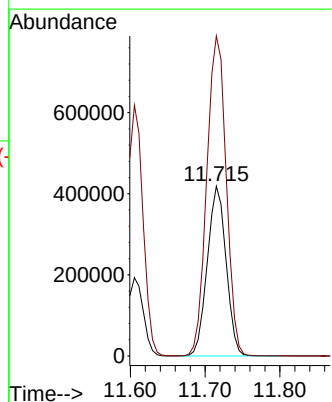
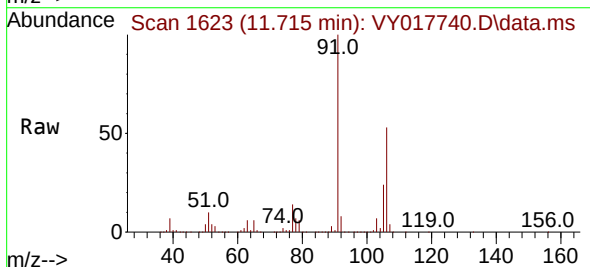
Acq: 22 Mar 2024 11:37

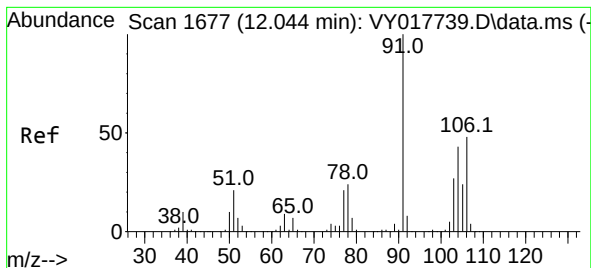
Tgt Ion:106 Resp: 728916

Ion Ratio Lower Upper

106 100

91 195.2 156.0 234.0





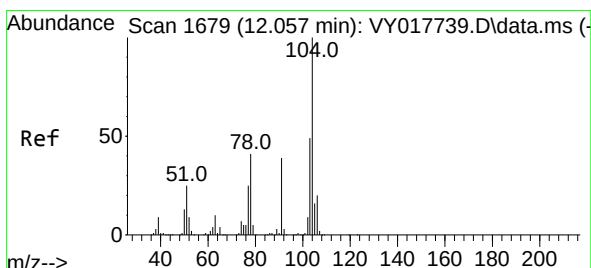
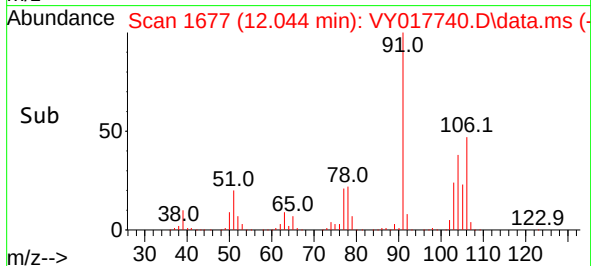
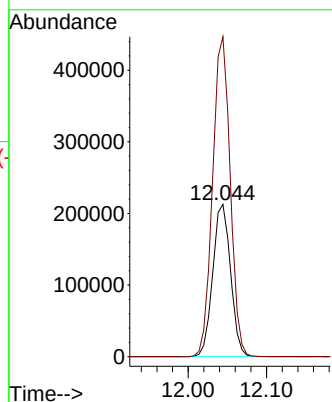
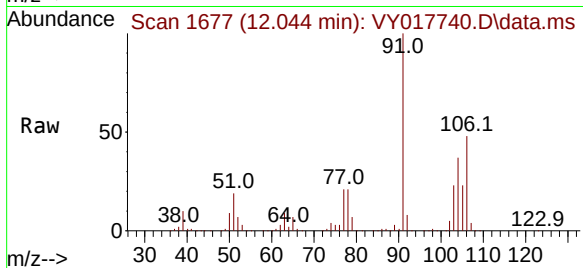
#69
o-Xylene
Concen: 106.801 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 335988
Ion Ratio Lower Upper
106 100
91 207.7 103.6 310.8

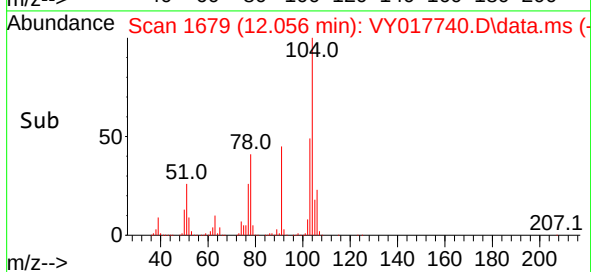
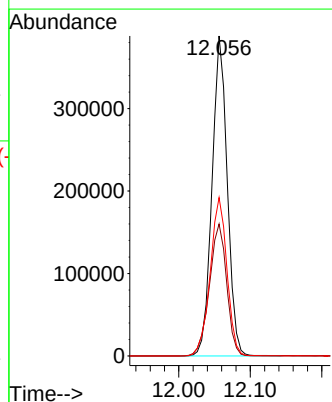
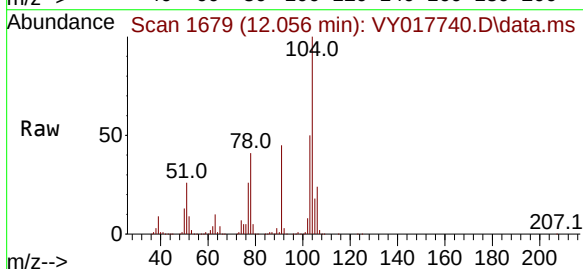
Manual Integrations
APPROVED

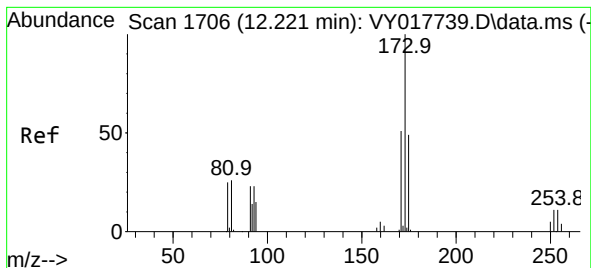
Reviewed By :Semsettin Yesilyurt 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#70
Styrene
Concen: 109.917 ug/l
RT: 12.056 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37

Tgt Ion:104 Resp: 575508
Ion Ratio Lower Upper
104 100
78 46.6 37.0 55.4
103 54.4 44.2 66.2





#71

Bromoform

Concen: 109.155 ug/l

RT: 12.221 min Scan# 1706

Delta R.T. -0.000 min

Lab File: VY017740.D

Acq: 22 Mar 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

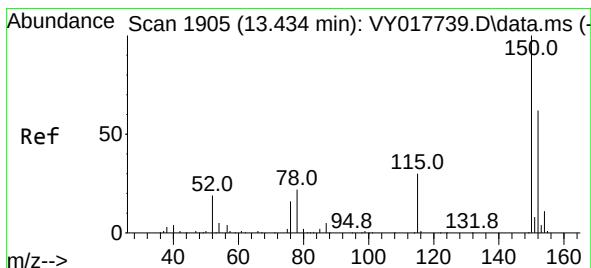
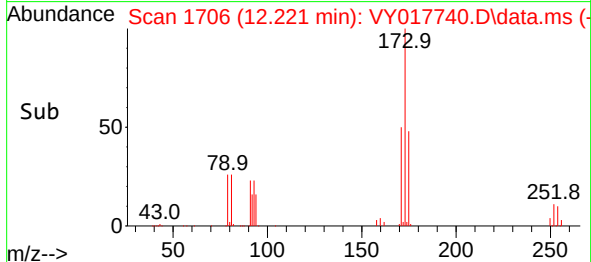
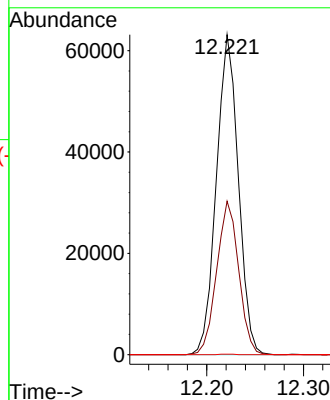
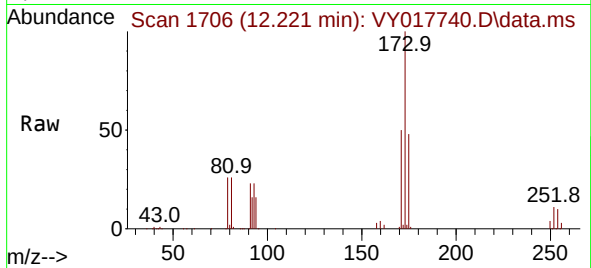
VSTDIC100

Tgt Ion:173	Resp:	9928
Ion Ratio	Lower	Upper
173	100	
175	48.2	25.1 75.3
254	0.1	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

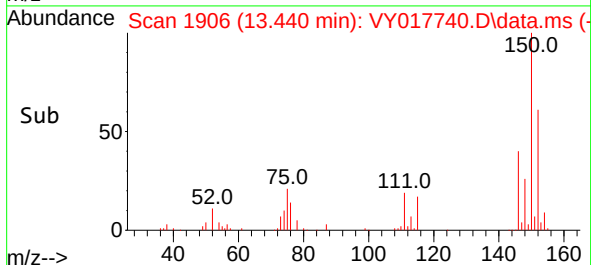
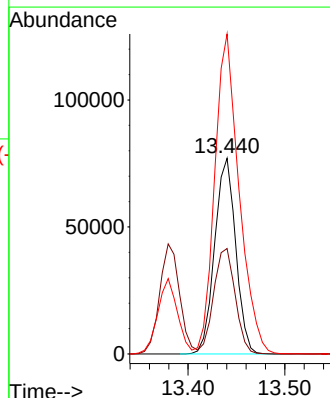
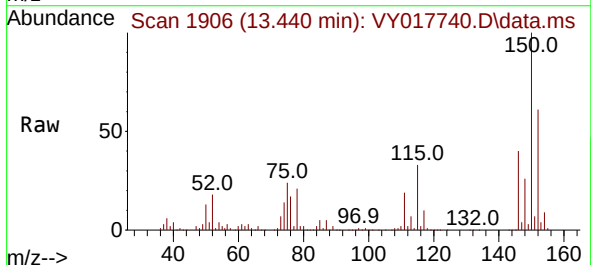
RT: 13.440 min Scan# 1906

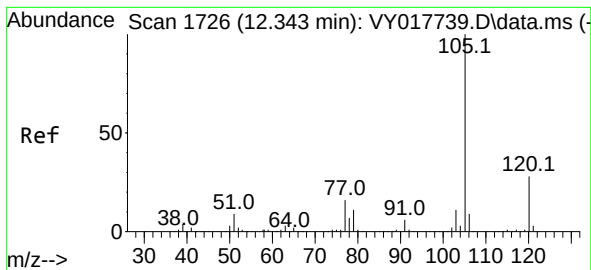
Delta R.T. 0.006 min

Lab File: VY017740.D

Acq: 22 Mar 2024 11:37

Tgt Ion:152	Resp:	116292
Ion Ratio	Lower	Upper
152	100	
115	55.2	28.2 84.7
150	189.4	0.0 345.6





#73

Isopropylbenzene

Concen: 98.170 ug/l

RT: 12.343 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017740.D

Acq: 22 Mar 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion:105 Resp: 86204

Ion Ratio Lower Upper

105 100

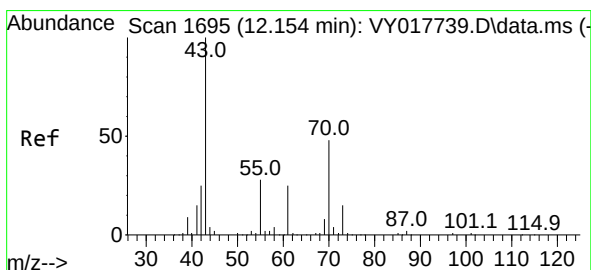
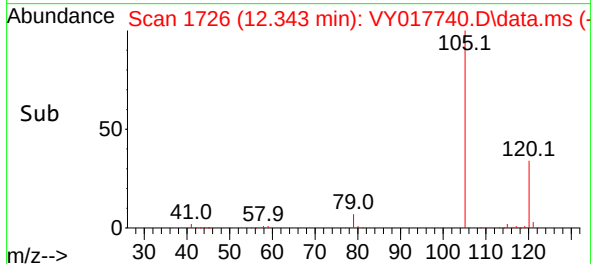
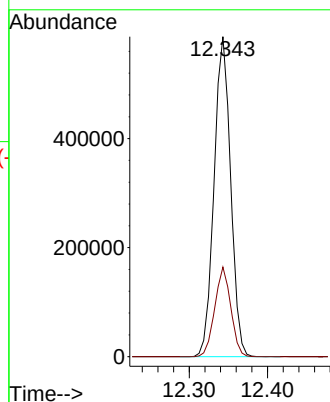
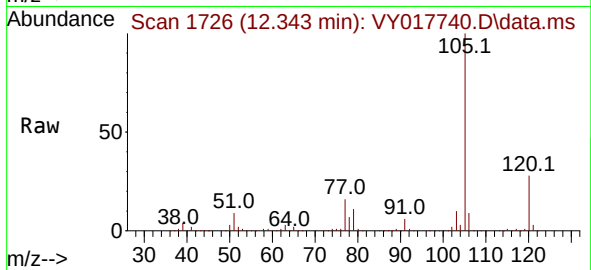
120 27.1 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#74

N-ethyl acetate

Concen: 102.912 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VY017740.D

Acq: 22 Mar 2024 11:37

Tgt Ion: 43 Resp: 190394

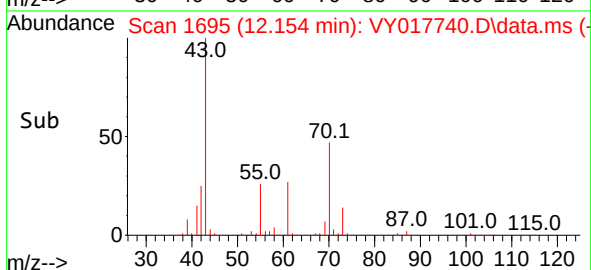
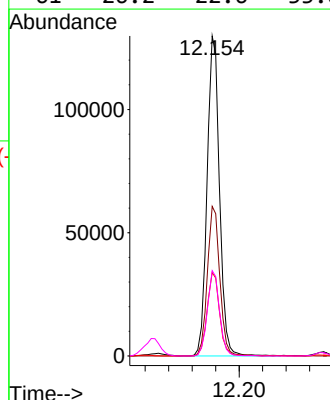
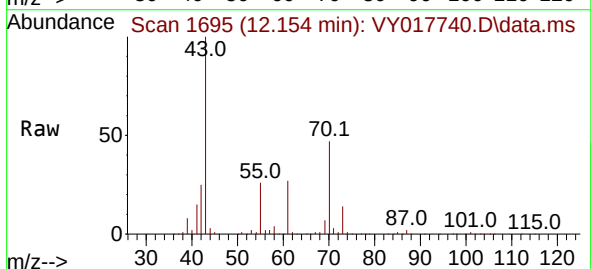
Ion Ratio Lower Upper

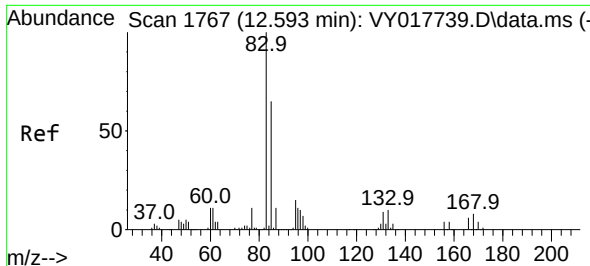
43 100

70 46.9 41.4 62.2

55 26.3 23.3 34.9

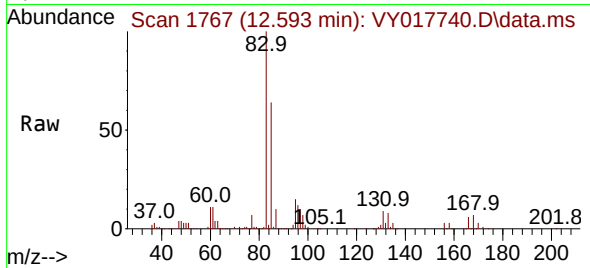
61 26.2 22.6 33.8





#75
1,1,2,2-Tetrachloroethane
Concen: 104.232 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. -0.000 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37

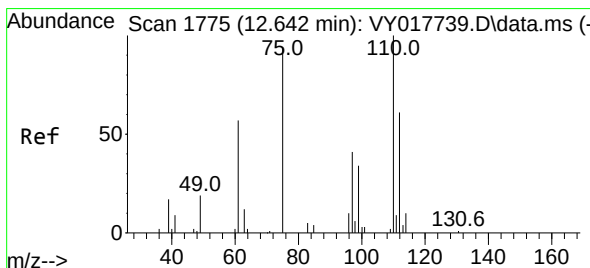
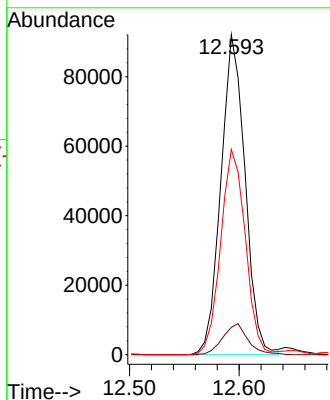
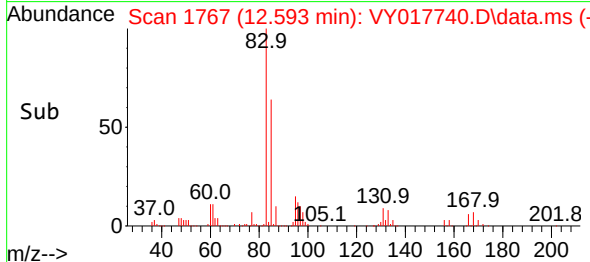
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



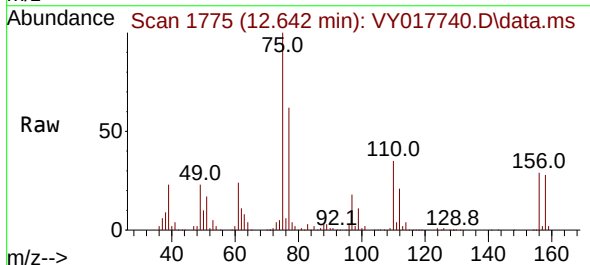
Tgt Ion: 83 Resp: 140929
Ion Ratio Lower Upper
83 100
131 10.1 5.0 14.9
85 65.7 32.0 96.0

Manual Integrations
APPROVED

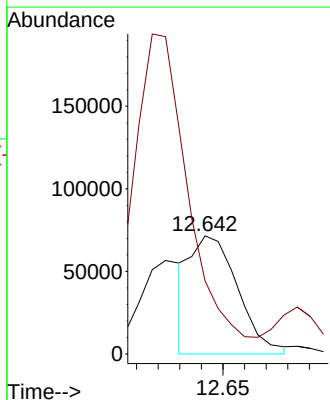
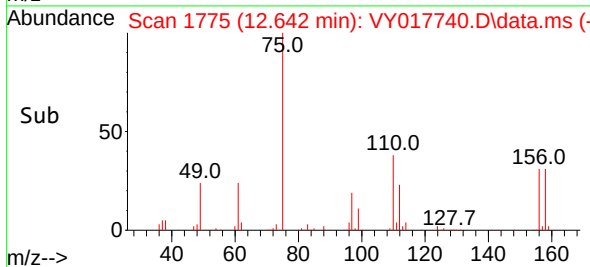
Reviewed By :Semsettin Yesilyurt 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024

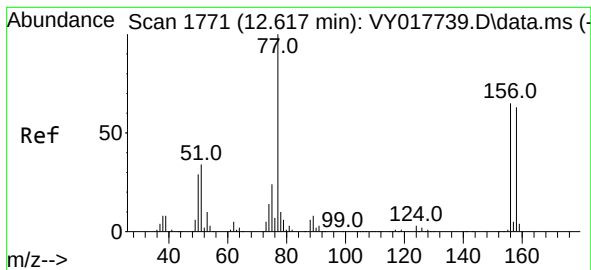


#76
1,2,3-Trichloropropane
Concen: 99.637 ug/l m
RT: 12.642 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37



Tgt Ion: 75 Resp: 109811
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 98.173 ug/l

RT: 12.623 min Scan# 1771

Delta R.T. 0.006 min

Lab File: VY017740.D

Acq: 22 Mar 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

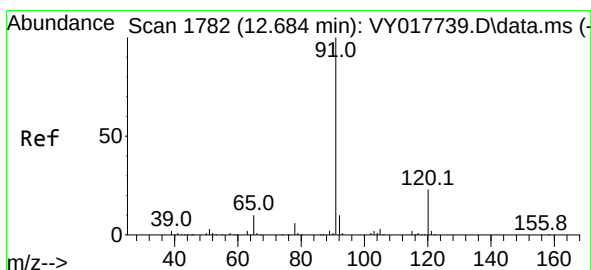
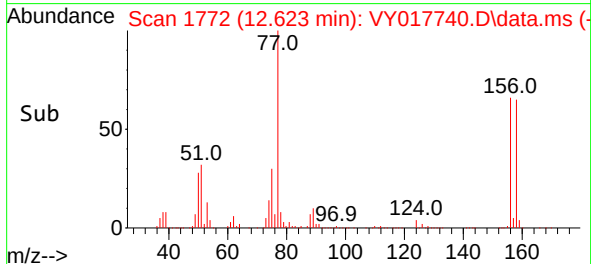
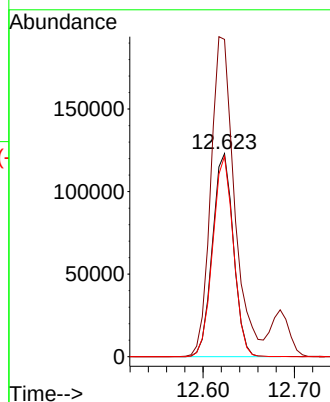
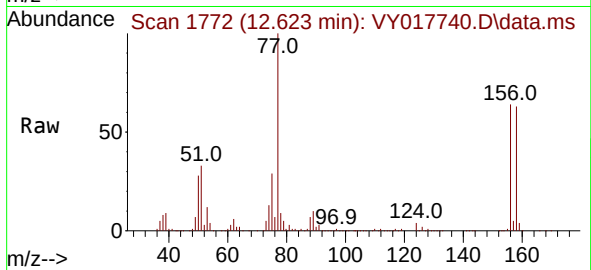
VSTDIC100

Tgt Ion:156 Resp: 196272
 Ion Ratio Lower Upper
 156 100
 77 178.2 87.1 261.3
 158 97.3 48.6 145.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2024
 Supervised By :Mahesh Dadoda 03/25/2024



#78

n-propylbenzene

Concen: 99.219 ug/l

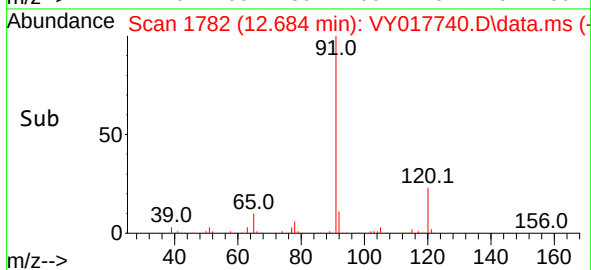
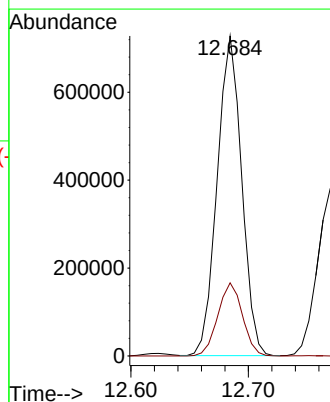
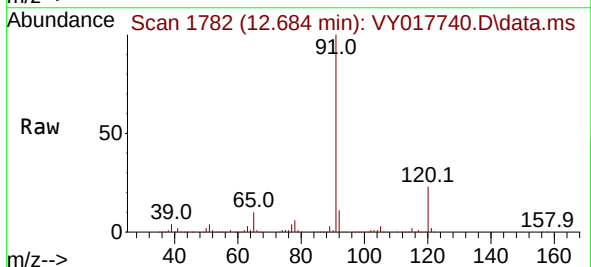
RT: 12.684 min Scan# 1782

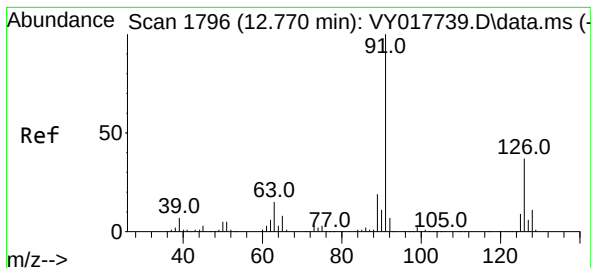
Delta R.T. -0.000 min

Lab File: VY017740.D

Acq: 22 Mar 2024 11:37

Tgt Ion: 91 Resp: 1054688
 Ion Ratio Lower Upper
 91 100
 120 23.0 11.5 34.4





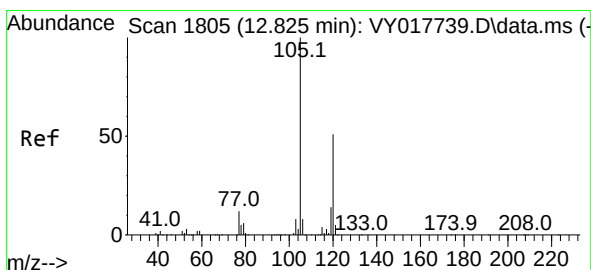
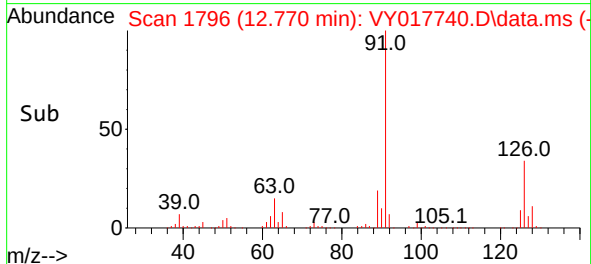
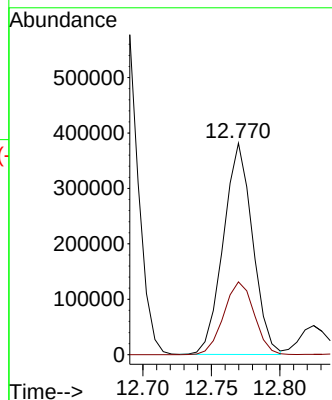
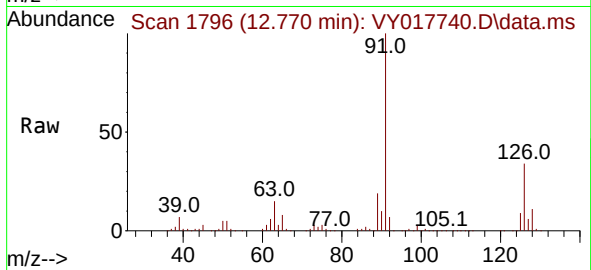
#79
2-Chlorotoluene
Concen: 97.092 ug/l
RT: 12.770 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 56597
Ion Ratio Lower Upper
91 100
126 35.9 17.8 53.5

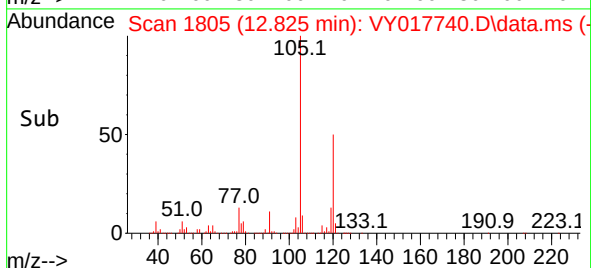
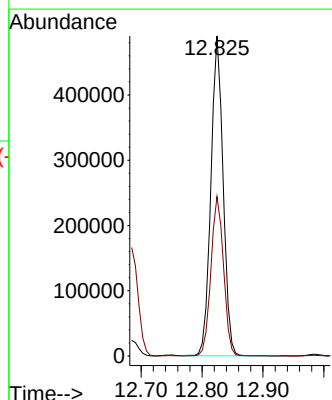
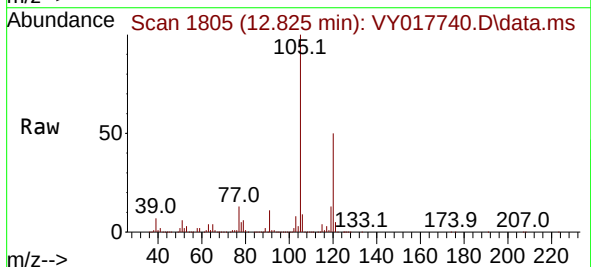
Manual Integrations
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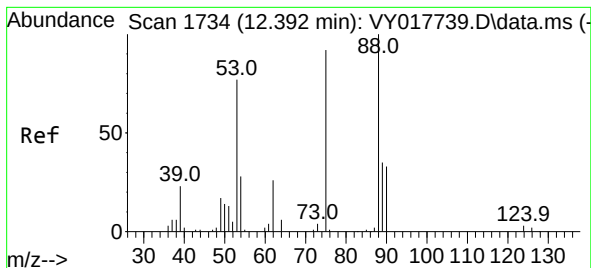
Reviewed By :Semsettin Yesilyurt 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#80
1,3,5-Trimethylbenzene
Concen: 99.339 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37

Tgt Ion:105 Resp: 682869
Ion Ratio Lower Upper
105 100
120 51.2 25.1 75.2





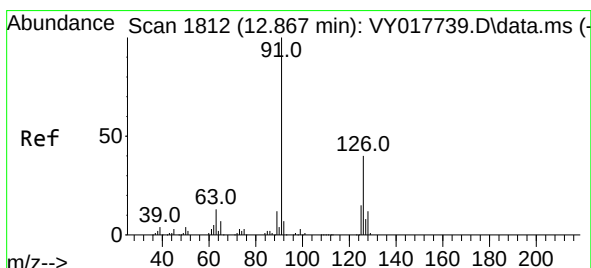
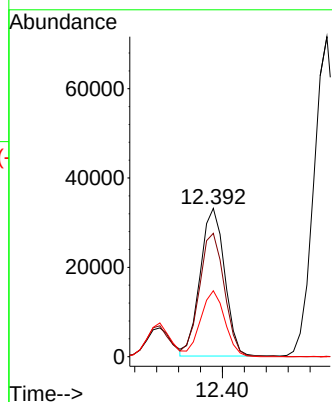
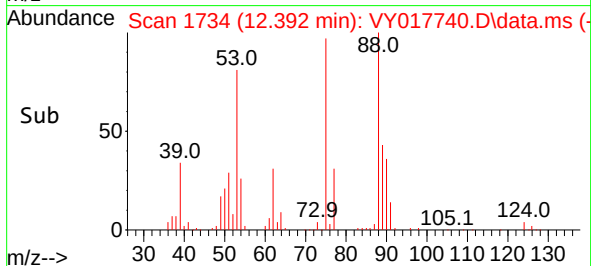
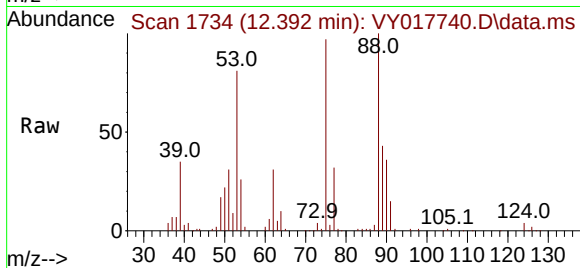
#81
trans-1,4-Dichloro-2-butene
Concen: 110.484 ug/l
RT: 12.392 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 5134
Ion Ratio Lower Upper
75 100
53 85.9 66.8 100.2
89 43.6 35.8 53.6

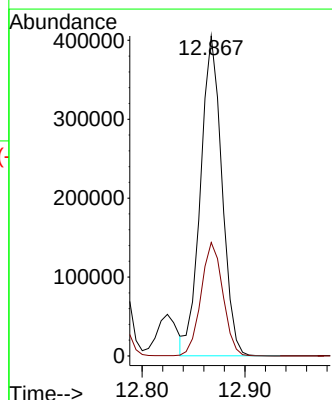
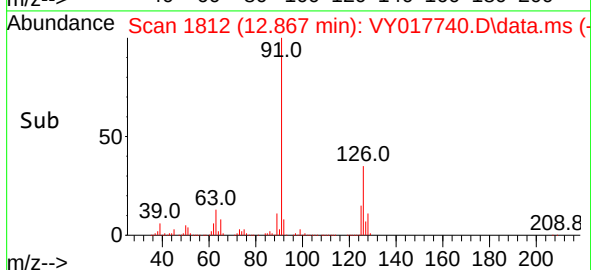
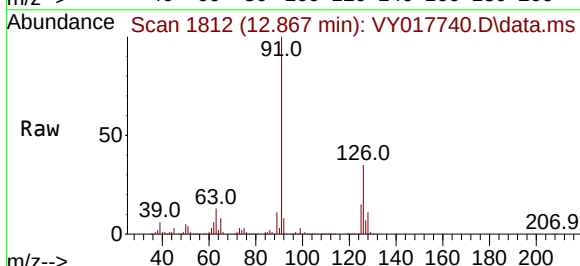
Manual Integrations
APPROVED

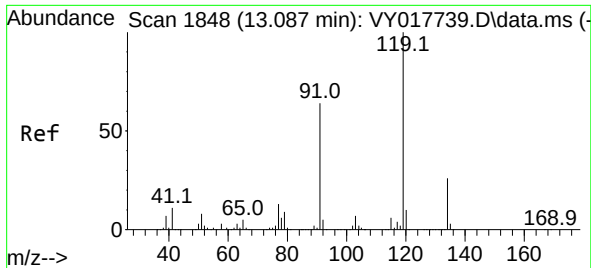
Reviewed By :Semsettin Yesilyurt 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#82
4-Chlorotoluene
Concen: 98.147 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. -0.000 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37

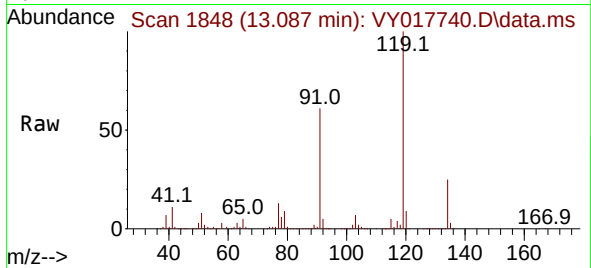
Tgt Ion: 91 Resp: 587014
Ion Ratio Lower Upper
91 100
126 36.2 17.6 52.9





#83
tert-Butylbenzene
Concen: 100.021 ug/l
RT: 13.087 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37

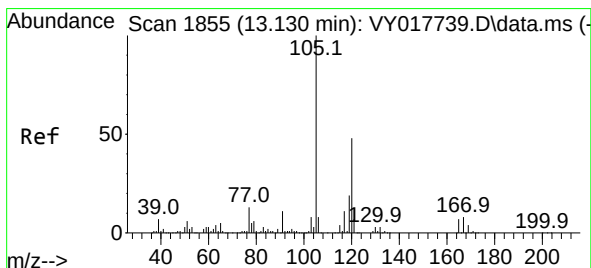
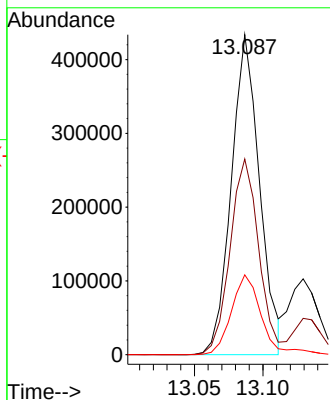
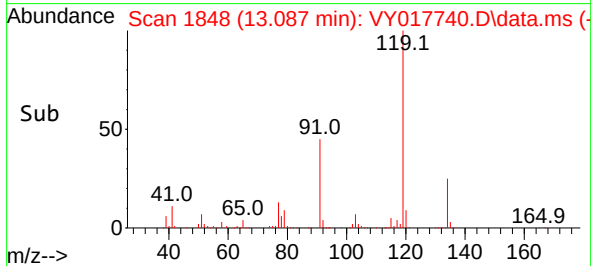
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion:119 Resp: 622194
Ion Ratio Lower Upper
119 100
91 61.9 31.3 93.8
134 26.6 13.4 40.1

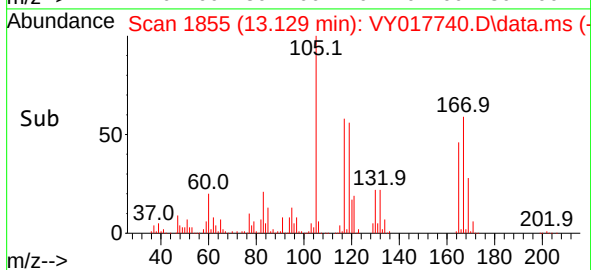
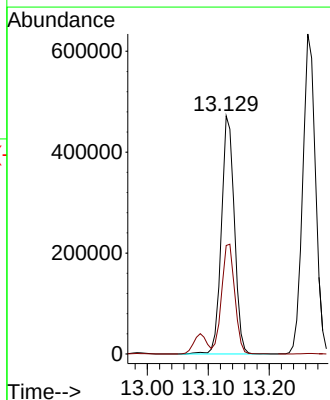
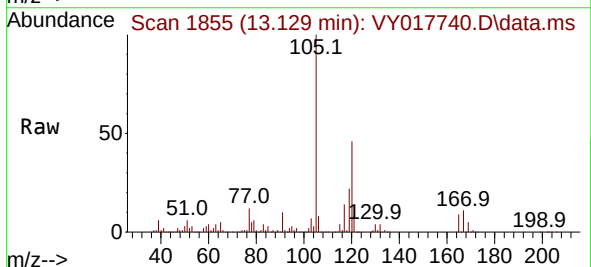
Manual Integrations
APPROVED

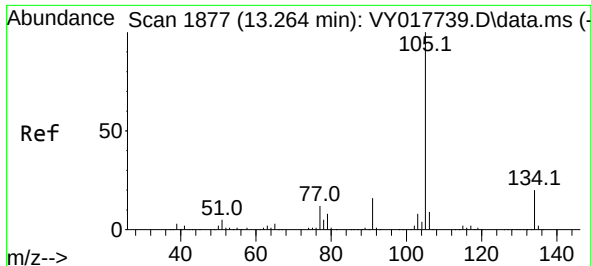
Reviewed By :Semsettin Yesilyurt 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#84
1,2,4-Trimethylbenzene
Concen: 103.578 ug/l
RT: 13.129 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37

Tgt Ion:105 Resp: 698013
Ion Ratio Lower Upper
105 100
120 46.9 23.2 69.6





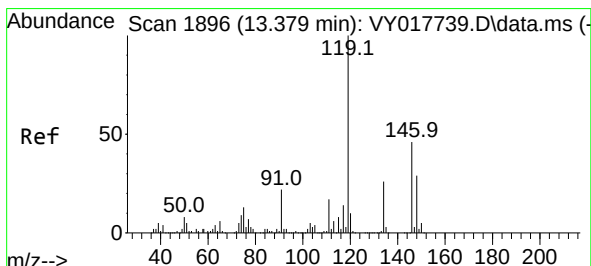
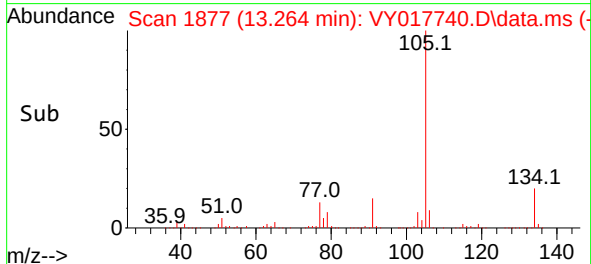
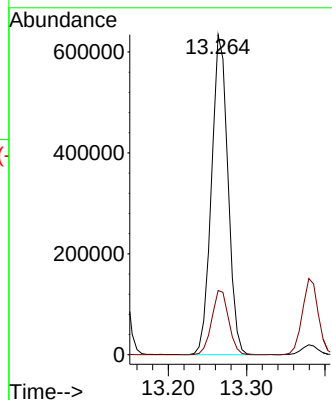
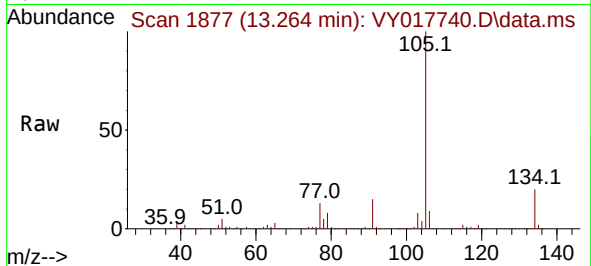
#85
 sec-Butylbenzene
 Concen: 98.884 ug/l
 RT: 13.264 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VY017740.D
 Acq: 22 Mar 2024 11:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tgt Ion:105 Resp: 92192
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.1 30.1

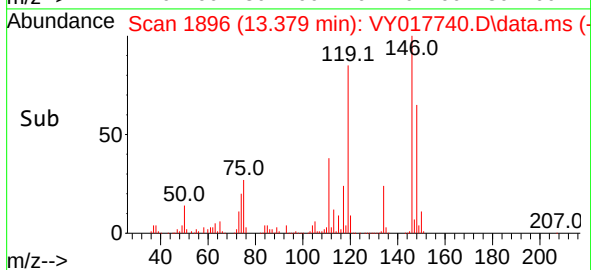
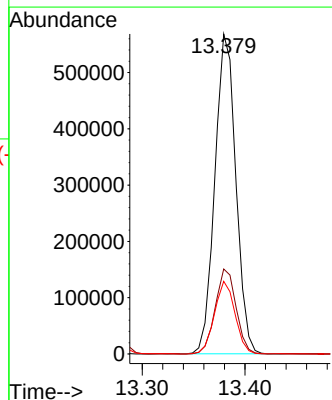
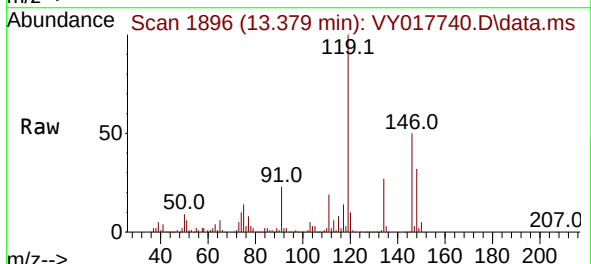
Manual Integrations
 APPROVED

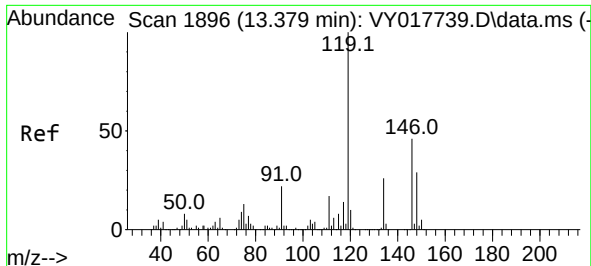
Reviewed By :Semsettin Yesilyurt 03/25/2024
 Supervised By :Mahesh Dadoda 03/25/2024



#86
 p-Isopropyltoluene
 Concen: 103.977 ug/l
 RT: 13.379 min Scan# 1896
 Delta R.T. -0.000 min
 Lab File: VY017740.D
 Acq: 22 Mar 2024 11:37

Tgt Ion:119 Resp: 804913
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.1 39.3
 91 22.2 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 99.940 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. -0.000 min

Lab File: VY017740.D

Acq: 22 Mar 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

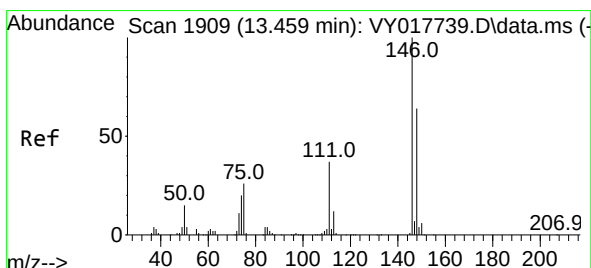
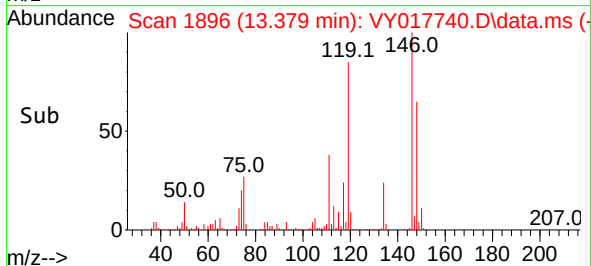
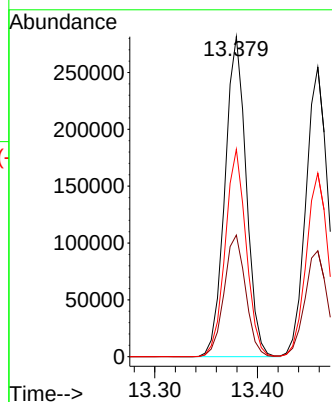
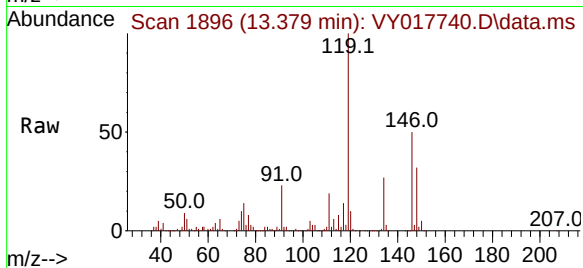
VSTDICC100

Tgt Ion:	146	Resp:	404892
Ion Ratio	Lower	Upper	
146	100		
111	38.4	19.0	57.0
148	63.7	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#88

1,4-Dichlorobenzene

Concen: 97.631 ug/l

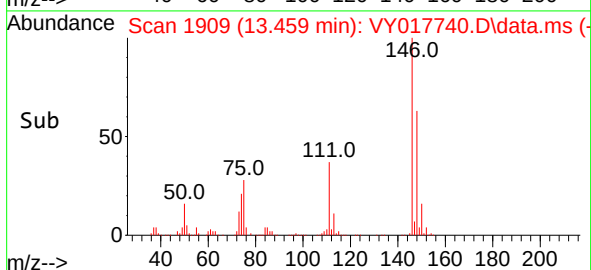
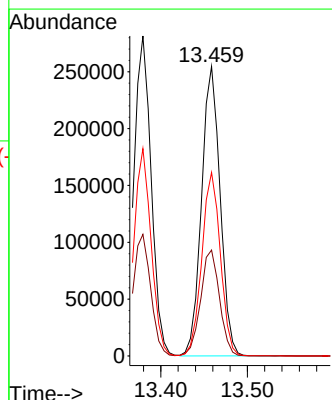
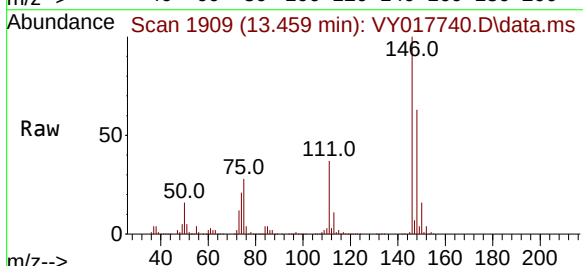
RT: 13.459 min Scan# 1909

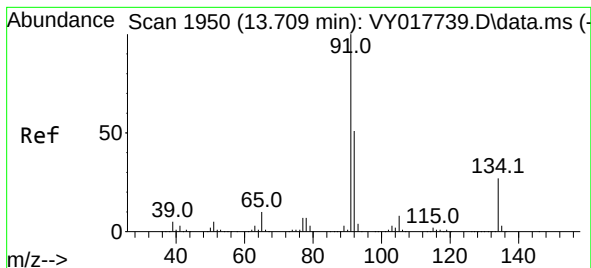
Delta R.T. -0.000 min

Lab File: VY017740.D

Acq: 22 Mar 2024 11:37

Tgt Ion:	146	Resp:	379708
Ion Ratio	Lower	Upper	
146	100		
111	37.1	18.4	55.4
148	63.3	32.4	97.2





#89

n-Butylbenzene

Concen: 103.542 ug/l

RT: 13.709 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VY017740.D

Acq: 22 Mar 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

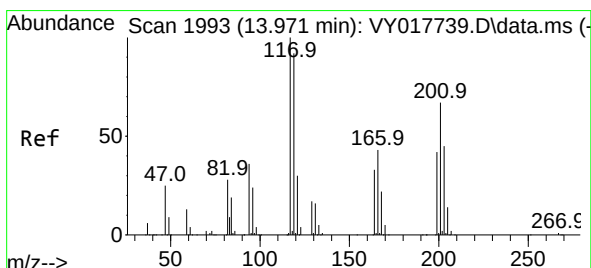
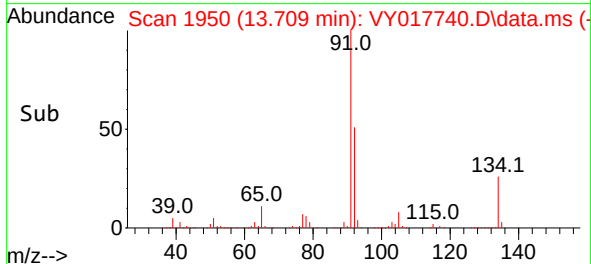
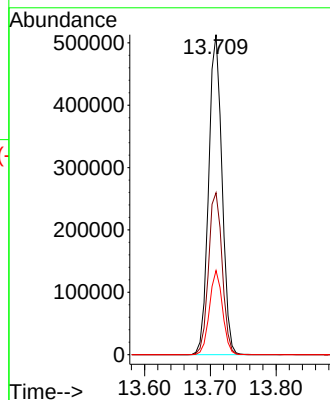
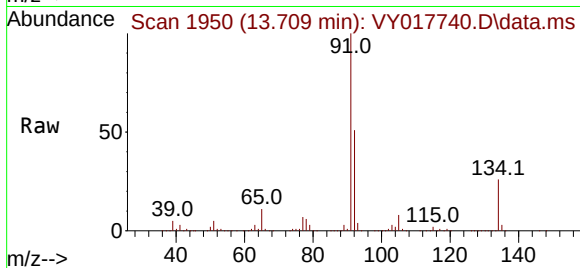
Tgt Ion: 91 Resp: 725160

Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.6	79.7
134	25.8	12.9	38.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#90

Hexachloroethane

Concen: 95.767 ug/l

RT: 13.971 min Scan# 1993

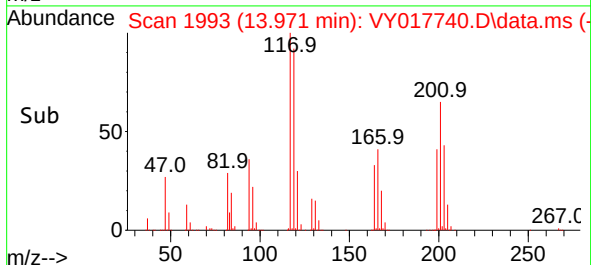
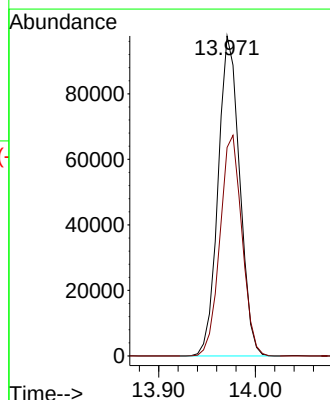
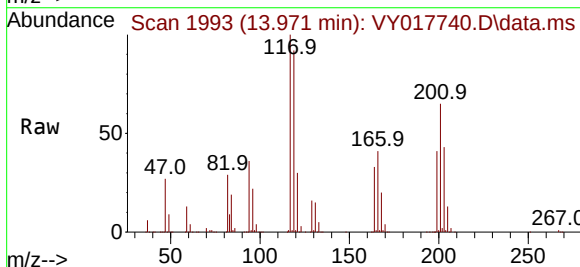
Delta R.T. -0.000 min

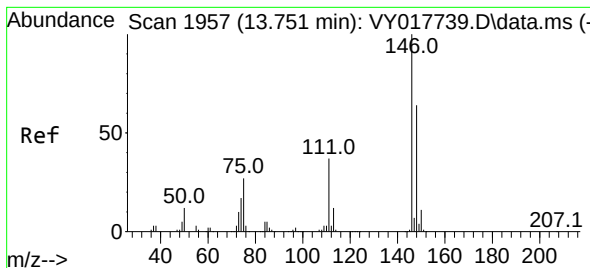
Lab File: VY017740.D

Acq: 22 Mar 2024 11:37

Tgt Ion:117 Resp: 151180

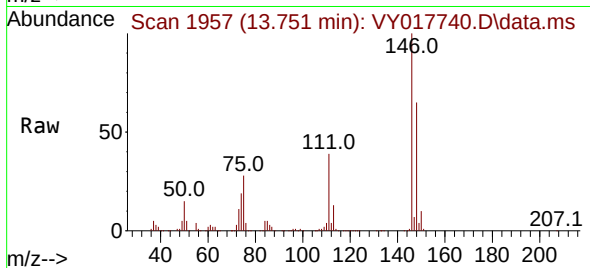
Ion	Ratio	Lower	Upper
117	100		
201	70.2	37.4	112.2





#91
1,2-Dichlorobenzene
Concen: 98.118 ug/l
RT: 13.751 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37

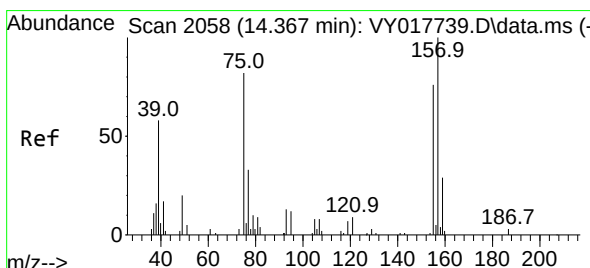
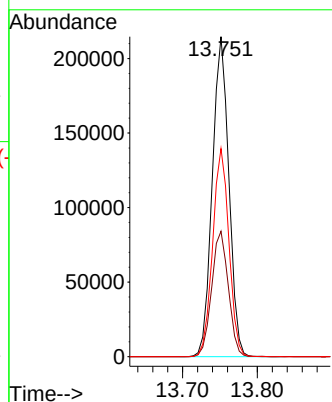
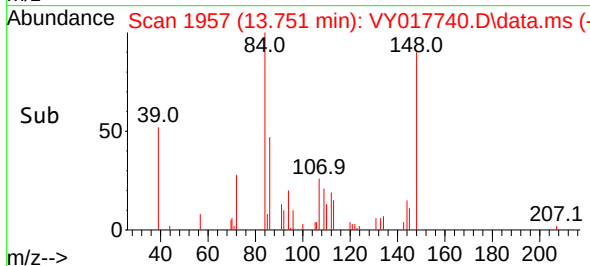
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



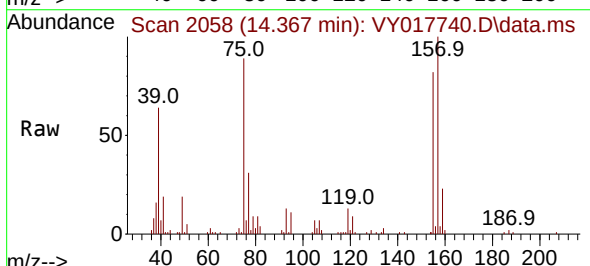
Tgt Ion:146 Resp: 32928
Ion Ratio Lower Upper
146 100
111 39.6 19.9 59.7
148 64.1 31.8 95.4

Manual Integrations
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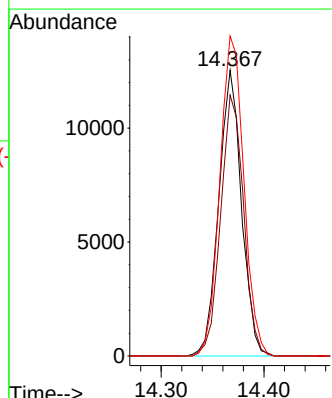
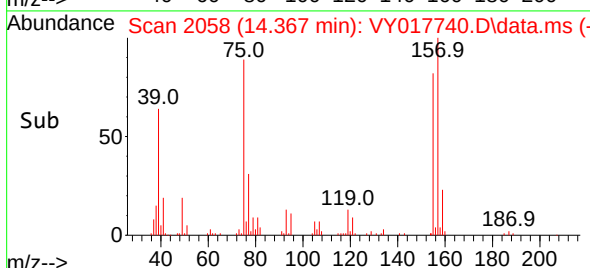
Reviewed By :Semsettin Yesilyurt 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024

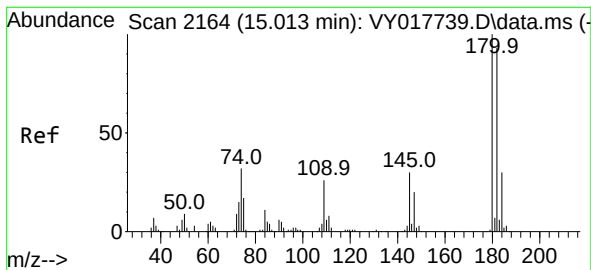


#92
1,2-Dibromo-3-Chloropropane
Concen: 107.990 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VY017740.D
Acq: 22 Mar 2024 11:37



Tgt Ion: 75 Resp: 19253
Ion Ratio Lower Upper
75 100
155 91.6 48.6 145.8
157 118.0 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 111.144 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY017740.D

Acq: 22 Mar 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

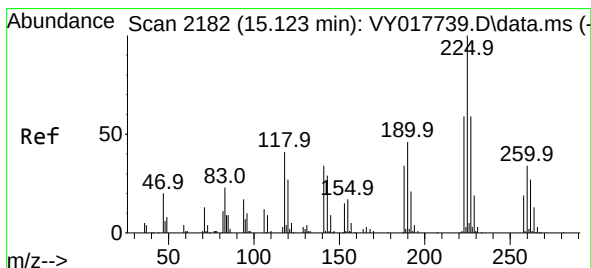
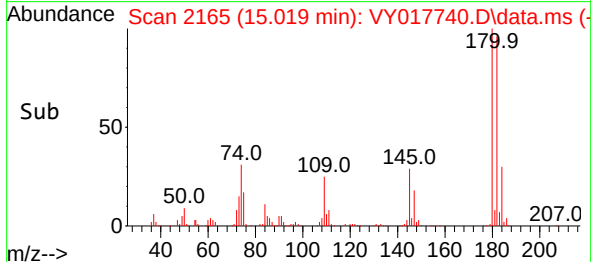
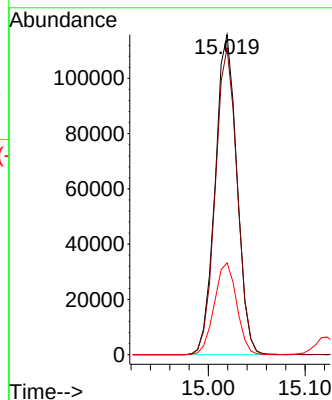
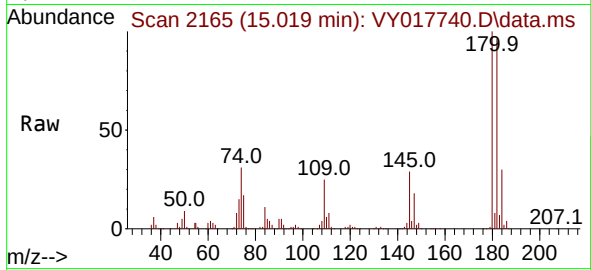
VSTDICC100

Tgt Ion:	180	Resp:	180692
Ion Ratio	Lower	Upper	
180	100		
182	96.3	47.9	143.8
145	29.5	14.2	42.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#94

Hexachlorobutadiene

Concen: 95.083 ug/l

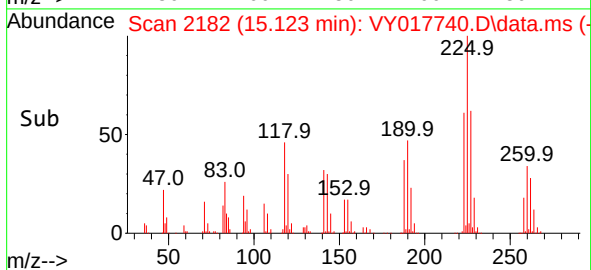
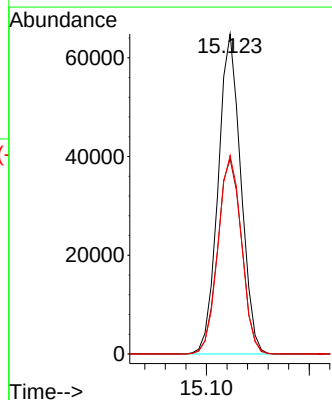
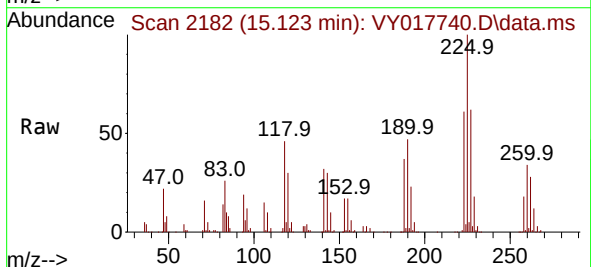
RT: 15.123 min Scan# 2182

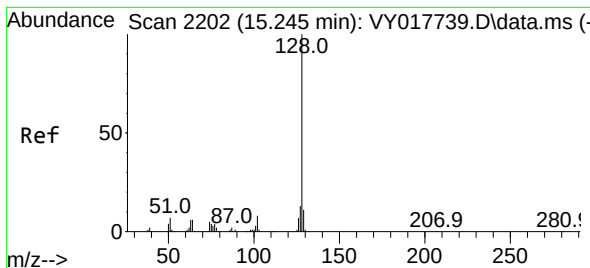
Delta R.T. -0.000 min

Lab File: VY017740.D

Acq: 22 Mar 2024 11:37

Tgt Ion:	225	Resp:	99225
Ion Ratio	Lower	Upper	
225	100		
223	64.0	30.4	91.2
227	64.0	31.9	95.9





#95

Naphthalene

Concen: 107.620 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY017740.D

Acq: 22 Mar 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

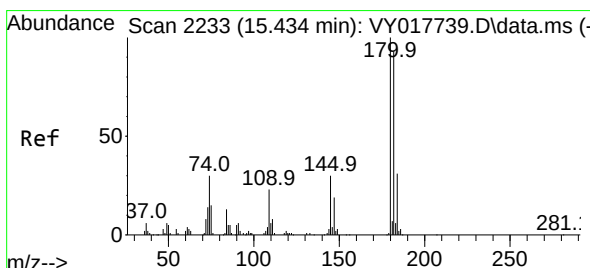
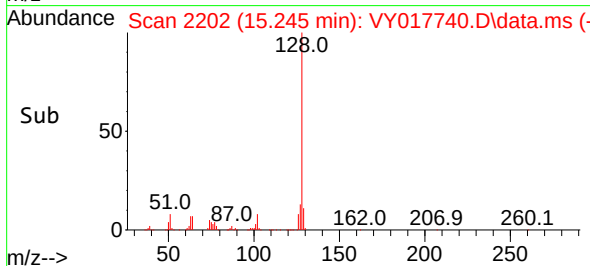
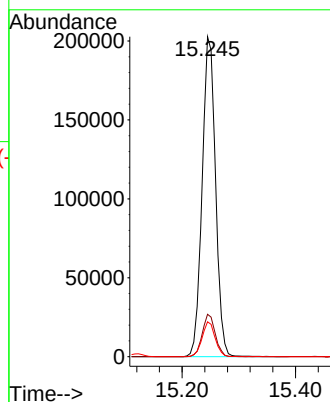
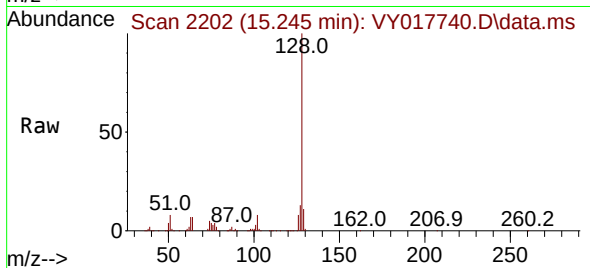
VSTDICC100

Tgt Ion:128	Resp: 33306
Ion Ratio	Lower Upper
128 100	
127 12.9	10.6 16.0
129 10.6	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#96

1,2,3-Trichlorobenzene

Concen: 113.950 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY017740.D

Acq: 22 Mar 2024 11:37

Tgt Ion:180	Resp: 152954
Ion Ratio	Lower Upper
180 100	
182 95.2	47.6 142.9
145 30.7	15.4 46.1

