

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022324\
 Data File : VY017470.D
 Acq On : 23 Feb 2024 17:33
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/26/2024
 Supervised By :Semsettin Yesilyurt 02/26/2024

Quant Time: Feb 24 04:49:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	166415	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	258158	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	227067	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	112789	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	78045	49.484	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.960%		
35) Dibromofluoromethane	7.716	113	89051	49.502	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.000%		
50) Toluene-d8	10.185	98	328613	52.246	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	104.500%		
62) 4-Bromofluorobenzene	12.483	95	105493	53.368	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	106.740%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	59896	48.792	ug/l	99
3) Chloromethane	2.107	50	109883	48.991	ug/l	99
4) Vinyl Chloride	2.247	62	143179	49.759	ug/l	98
5) Bromomethane	2.643	94	113132	48.246	ug/l	96
6) Chloroethane	2.790	64	92662	51.047	ug/l	98
7) Trichlorofluoromethane	3.119	101	146872	50.081	ug/l	95
8) Diethyl Ether	3.527	74	45519	52.920	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.893	101	85759	50.839	ug/l	100
10) Methyl Iodide	4.088	142	103564	54.706	ug/l	99
11) Tert butyl alcohol	4.954	59	30769	229.670	ug/l #	83
12) 1,1-Dichloroethene	3.863	96	80155	50.987	ug/l	97
13) Acrolein	3.722	56	44580	252.193	ug/l	99
14) Allyl chloride	4.478	41	100242	52.772	ug/l	97
15) Acrylonitrile	5.161	53	95207	269.257	ug/l	99
16) Acetone	3.942	43	79772	260.773	ug/l	97
17) Carbon Disulfide	4.192	76	241823	51.249	ug/l	98
18) Methyl Acetate	4.478	43	41141	55.435	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	199866	54.546	ug/l	98
20) Methylene Chloride	4.710	84	96200	53.959	ug/l	95
21) trans-1,2-Dichloroethene	5.216	96	95865	52.082	ug/l	98
22) Diisopropyl ether	6.124	45	237864	54.266	ug/l	98
23) Vinyl Acetate	6.057	43	718397	275.041	ug/l	100
24) 1,1-Dichloroethane	6.015	63	155058	51.779	ug/l	99
25) 2-Butanone	6.984	43	118708	272.294	ug/l	97
26) 2,2-Dichloropropane	6.978	77	127836	50.774	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	109173	52.826	ug/l	98
28) Bromochloromethane	7.338	49	51101	43.329	ug/l	99
29) Tetrahydrofuran	7.350	42	73282	278.854	ug/l	99
30) Chloroform	7.508	83	164862	51.709	ug/l	98
31) Cyclohexane	7.789	56	129168	50.325	ug/l	97
32) 1,1,1-Trichloroethane	7.703	97	142154	51.356	ug/l	99
36) 1,1-Dichloropropene	7.917	75	127176	52.397	ug/l	100
37) Ethyl Acetate	7.076	43	51165	53.373	ug/l	97
38) Carbon Tetrachloride	7.905	117	128485	52.819	ug/l	99
39) Methylcyclohexane	9.185	83	157804	54.100	ug/l	98
40) Benzene	8.161	78	379558	52.658	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	27372m	56.900	ug/l	
42) 1,2-Dichloroethane	8.240	62	93638	53.244	ug/l	98
43) Isopropyl Acetate	8.277	43	92965	55.186	ug/l	99
44) Trichloroethene	8.941	130	107932	51.951	ug/l	95
45) 1,2-Dichloropropane	9.221	63	90279	52.644	ug/l	99
46) Dibromomethane	9.307	93	52006	52.990	ug/l	97
47) Bromodichloromethane	9.502	83	127328	53.432	ug/l	98
48) Methyl methacrylate	9.295	41	43720	56.069	ug/l	96
49) 1,4-Dioxane	9.301	88	12242	1102.186	ug/l #	99
51) 4-Methyl-2-Pentanone	10.075	43	259932	276.859	ug/l	98
52) Toluene	10.246	92	241403	53.126	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	121301	54.842	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	143985	53.574	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	73560	52.790	ug/l	97
56) Ethyl methacrylate	10.514	69	90747	52.788	ug/l	98
57) 1,3-Dichloropropane	10.794	76	121766	53.747	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	188260	234.128	ug/l	98
59) 2-Hexanone	10.837	43	185220	287.215	ug/l	98
60) Dibromochloromethane	10.989	129	89529	54.311	ug/l	99
61) 1,2-Dibromoethane	11.093	107	69247	53.926	ug/l	99
64) Tetrachloroethene	10.721	164	113316	51.993	ug/l	99
65) Chlorobenzene	11.520	112	255405	52.992	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	96307	53.338	ug/l	99
67) Ethyl Benzene	11.599	91	461548	54.605	ug/l	96
68) m/p-Xylenes	11.709	106	363602	109.475	ug/l	100
69) o-Xylene	12.032	106	171780	55.749	ug/l	98
70) Styrene	12.050	104	288539	56.414	ug/l	98
71) Bromoform	12.215	173	54721	54.690	ug/l #	99
73) Isopropylbenzene	12.331	105	445103	53.118	ug/l	99
74) N-amyl acetate	12.148	43	82380	55.741	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	76645	53.265	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	55377m	51.674	ug/l	
77) Bromobenzene	12.611	156	105245	51.864	ug/l	98
78) n-propylbenzene	12.672	91	537122	53.421	ug/l	100
79) 2-Chlorotoluene	12.757	91	293915	52.212	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	361237	53.809	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	24997	53.596	ug/l	97
82) 4-Chlorotoluene	12.855	91	299686	52.049	ug/l	98
83) tert-Butylbenzene	13.081	119	316677	53.719	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	355062	53.572	ug/l	100
85) sec-Butylbenzene	13.257	105	484870	53.797	ug/l	100
86) p-Isopropyltoluene	13.373	119	400910	54.338	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	212500	52.171	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	207582	52.421	ug/l	99
89) n-Butylbenzene	13.702	91	369780	54.933	ug/l	99
90) Hexachloroethane	13.965	117	76684	51.843	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	183655	53.306	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	10487	51.841	ug/l	94
93) 1,2,4-Trichlorobenzene	15.013	180	100507	55.229	ug/l	99
94) Hexachlorobutadiene	15.117	225	57965	51.590	ug/l	98
95) Naphthalene	15.239	128	179982	50.960	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	86338	55.303	ug/l	99

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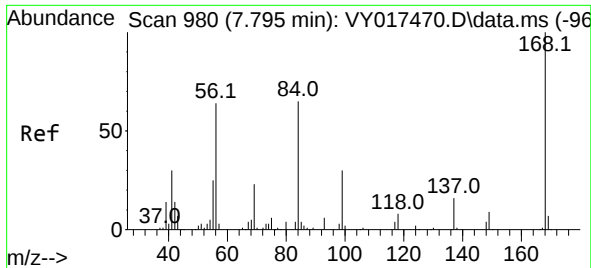
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

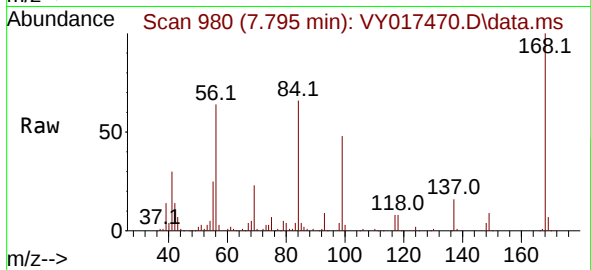
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

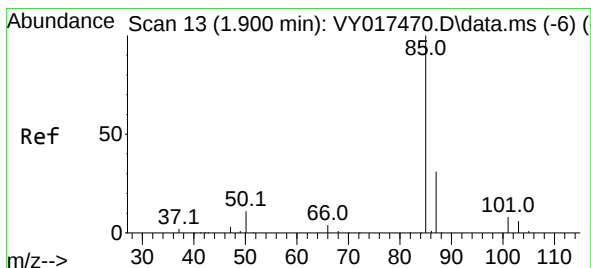
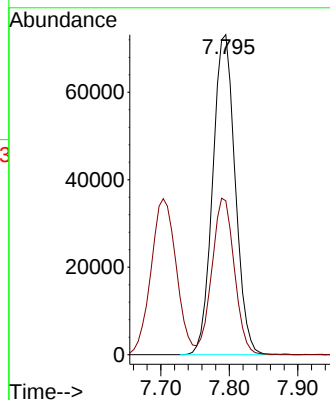
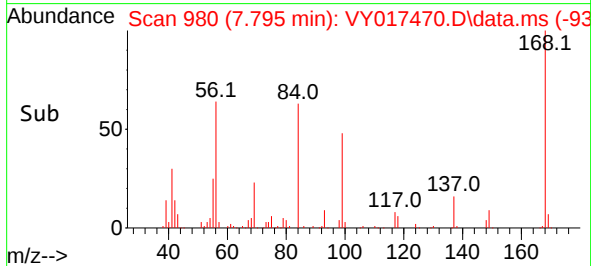
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 166415
Ion Ratio Lower Upper
168 100
99 48.1 39.1 58.7

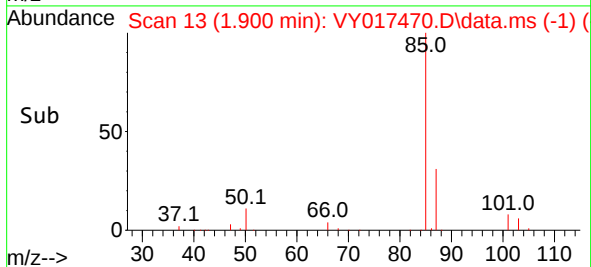
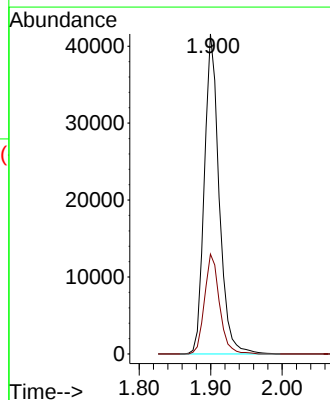
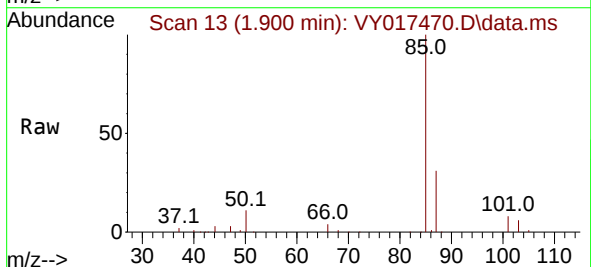
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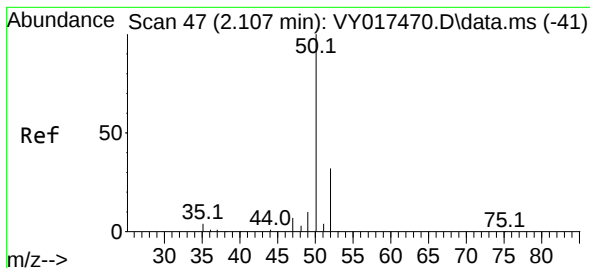
Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#2
Dichlorodifluoromethane
Concen: 48.792 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

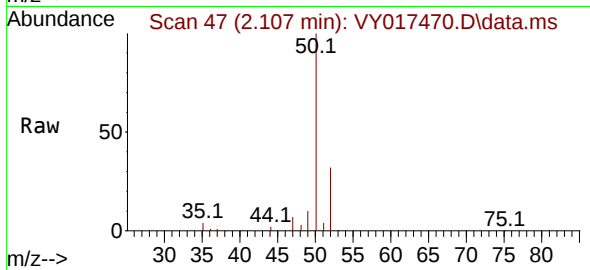
Tgt Ion: 85 Resp: 59896
Ion Ratio Lower Upper
85 100
87 31.2 16.0 48.0





#3
Chloromethane
Concen: 48.991 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

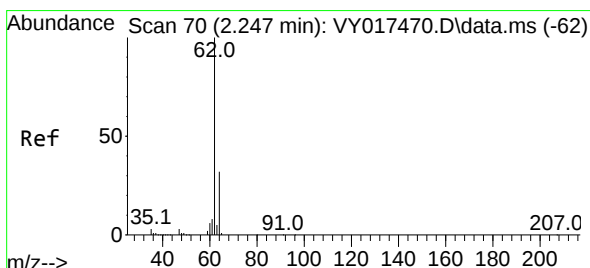
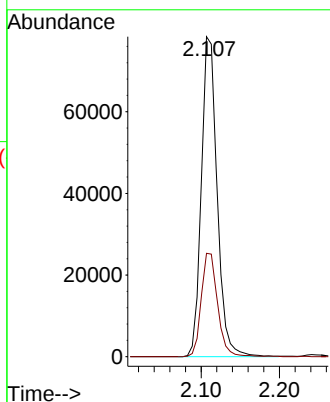
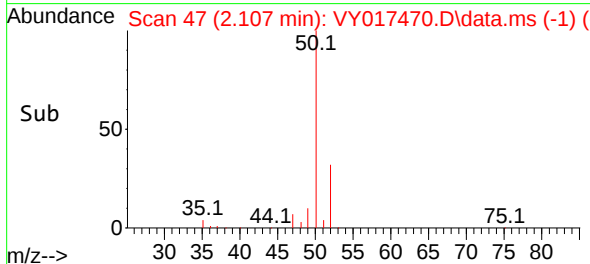
Instrument :
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Tgt Ion: 50 Resp: 10988
Ion Ratio Lower Upper
50 100
52 32.3 25.6 38.4

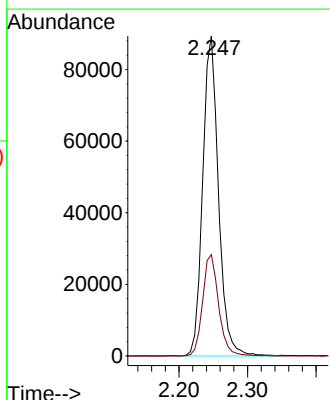
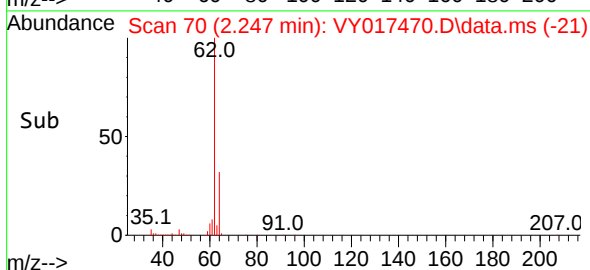
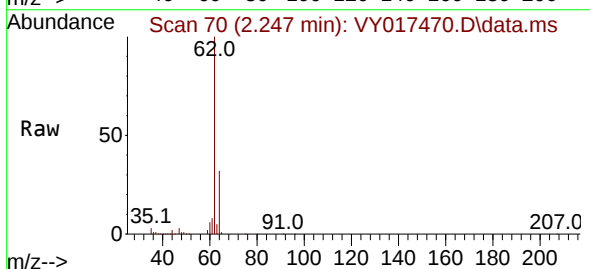
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#4
Vinyl Chloride
Concen: 49.759 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

Tgt Ion: 62 Resp: 143179
Ion Ratio Lower Upper
62 100
64 31.7 26.1 39.1





#5

Bromomethane

Concen: 48.246 ug/l

RT: 2.643 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 94 Resp: 11313

Ion Ratio Lower Upper

94 100

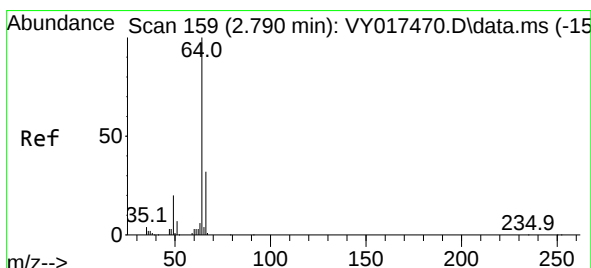
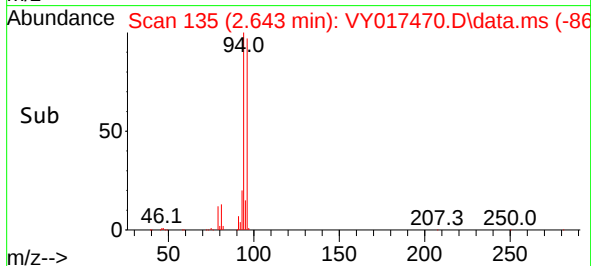
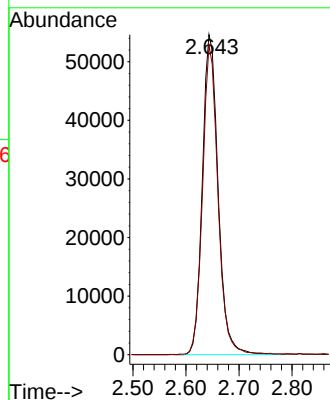
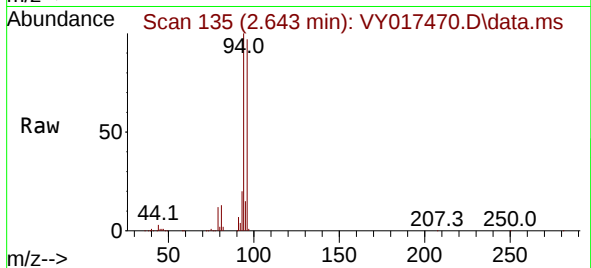
96 96.4 74.1 111.1

Manual Integrations

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#6

Chloroethane

Concen: 51.047 ug/l

RT: 2.790 min Scan# 159

Delta R.T. 0.000 min

Lab File: VY017470.D

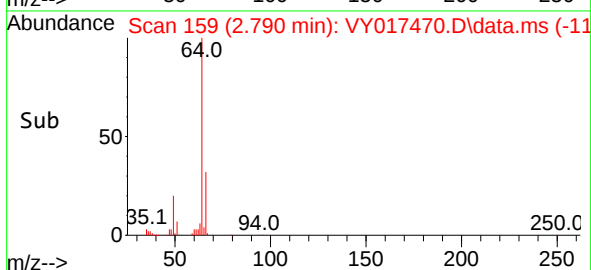
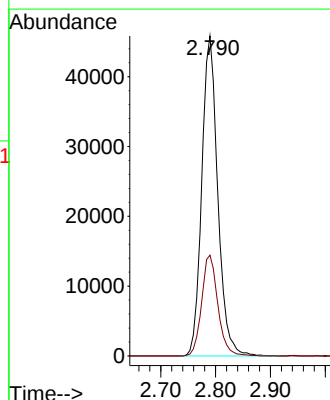
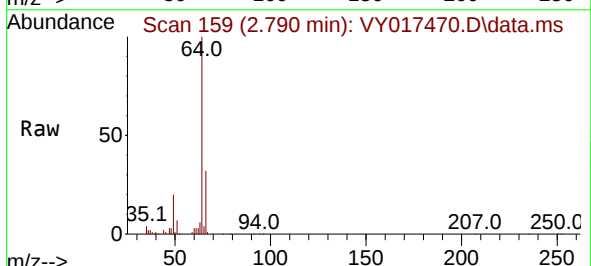
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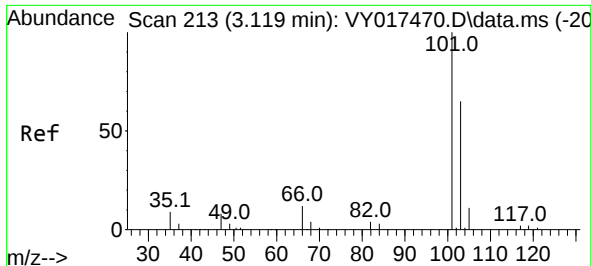
Tgt Ion: 64 Resp: 92662

Ion Ratio Lower Upper

64 100

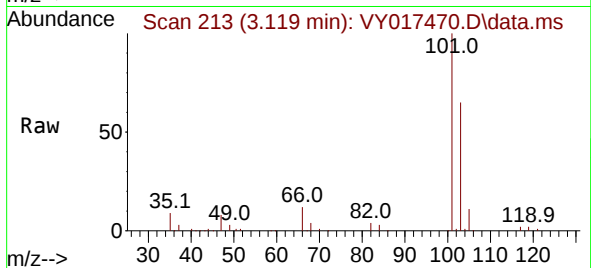
66 31.5 26.1 39.1





#7
 Trichlorofluoromethane
 Concen: 50.081 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VY017470.D
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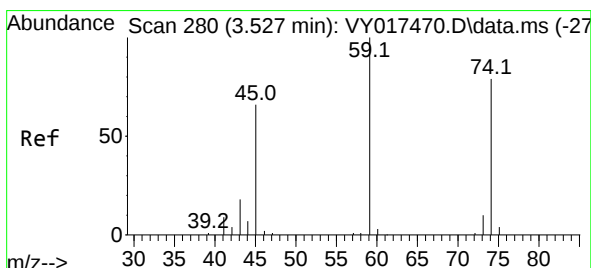
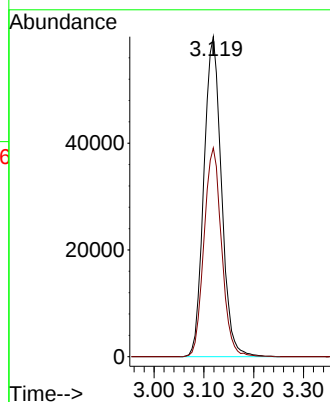
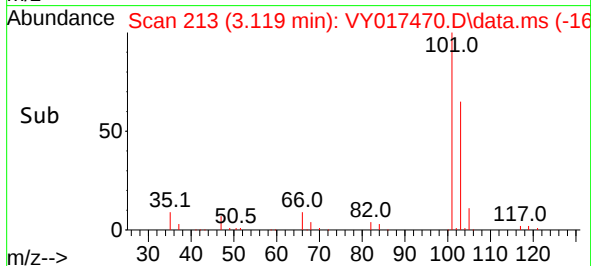
Instrument :
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Tgt Ion:101 Resp: 146872
 Ion Ratio Lower Upper
 101 100
 103 65.3 49.3 73.9

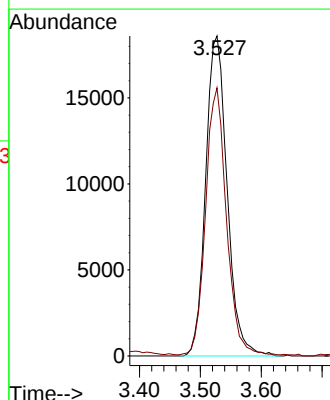
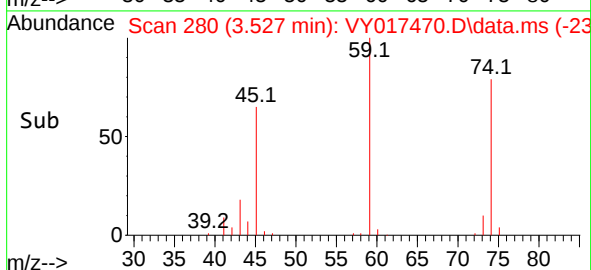
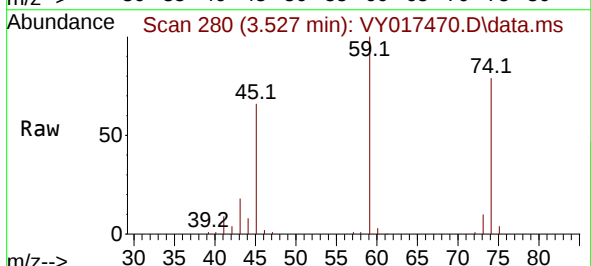
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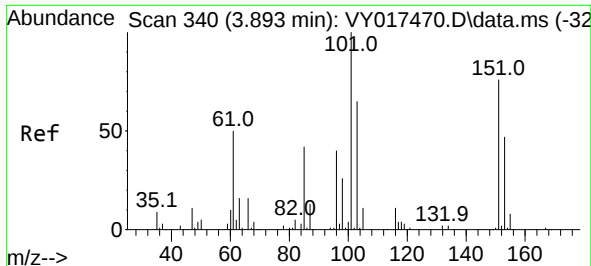
Reviewed By :Mahesh Dadoda 02/26/2024
 Supervised By :Semsettin Yesilyurt 02/26/2024



#8
 Diethyl Ether
 Concen: 52.920 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY017470.D
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Tgt Ion: 74 Resp: 45519
 Ion Ratio Lower Upper
 74 100
 45 81.0 41.3 124.1





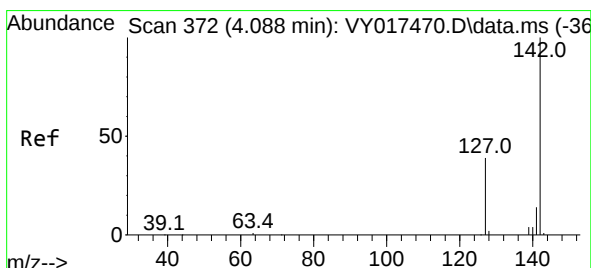
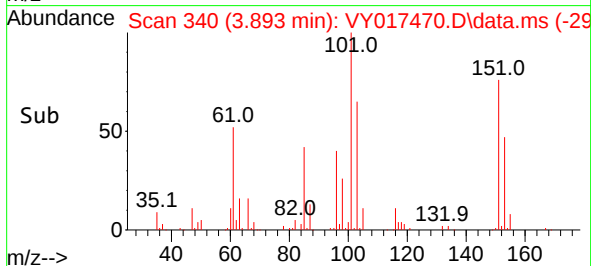
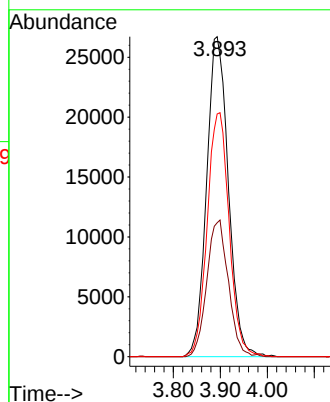
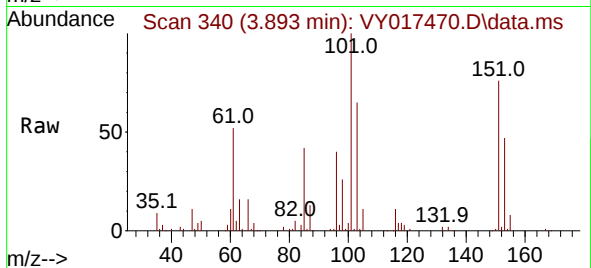
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.839 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 85759
Ion Ratio Lower Upper
101 100
85 42.5 34.5 51.7
151 77.0 61.7 92.5

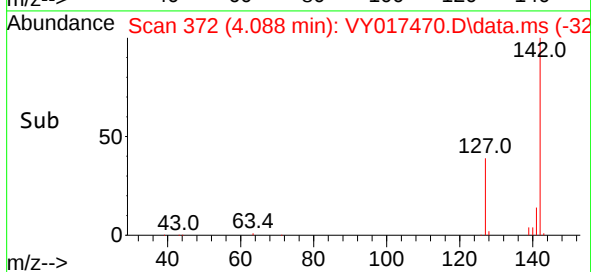
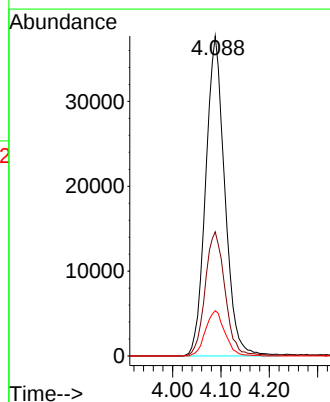
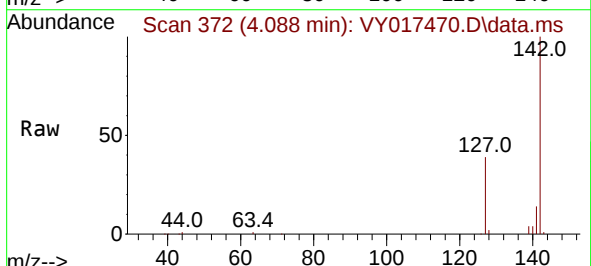
Manual Integrations
APPROVED

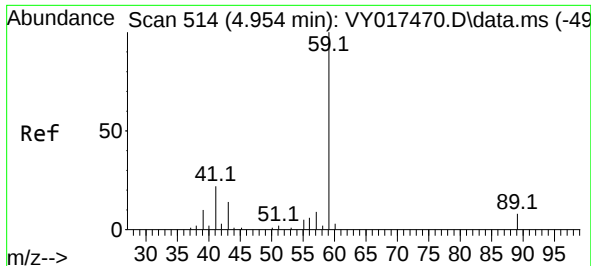
Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#10
Methyl Iodide
Concen: 54.706 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

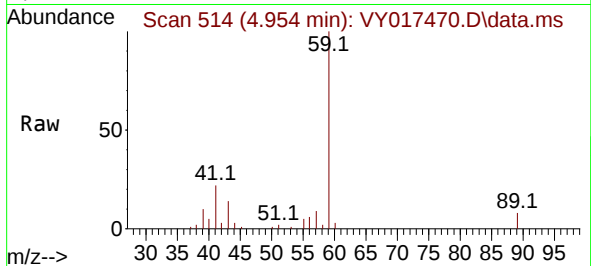
Tgt Ion:142 Resp: 103564
Ion Ratio Lower Upper
142 100
127 40.4 32.8 49.2
141 14.3 11.4 17.2





#11
Tert butyl alcohol
Concen: 229.670 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

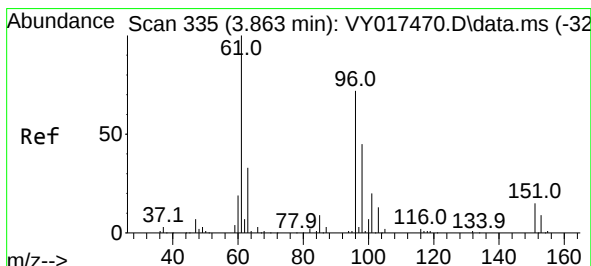
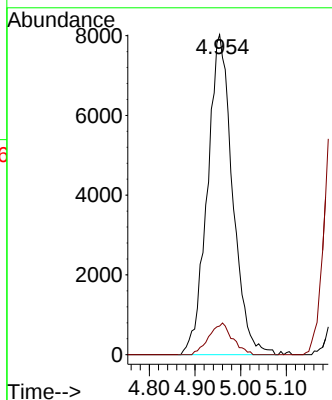
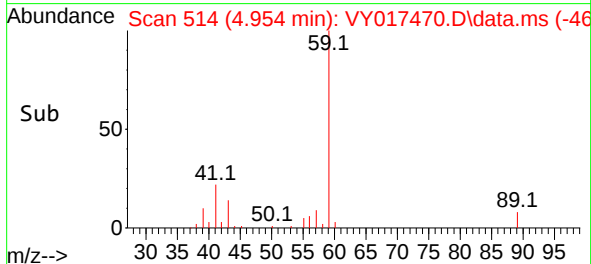
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



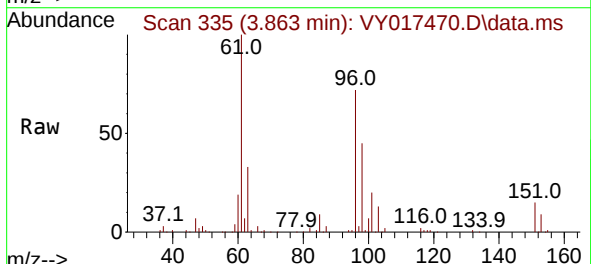
Tgt Ion: 59 Resp: 30769
Ion Ratio Lower Upper
59 100
57 9.2 3.0 4.6

Manual Integrations
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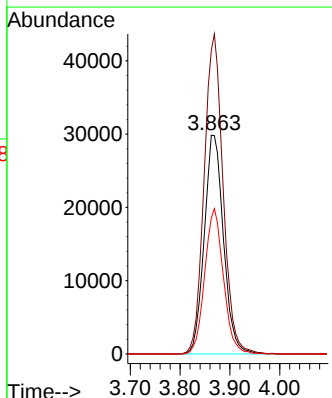
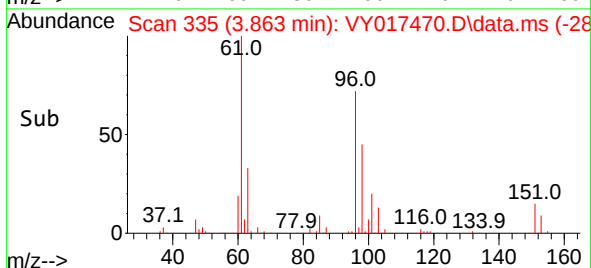
Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024

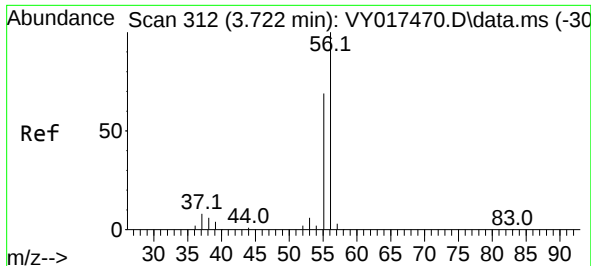


#12
1,1-Dichloroethene
Concen: 50.987 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33



Tgt Ion: 96 Resp: 80155
Ion Ratio Lower Upper
96 100
61 138.8 114.6 171.8
98 62.2 50.8 76.2





#13

Acrolein

Concen: 252.193 ug/l

RT: 3.722 min Scan# 312

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 56 Resp: 44580

Ion Ratio Lower Upper

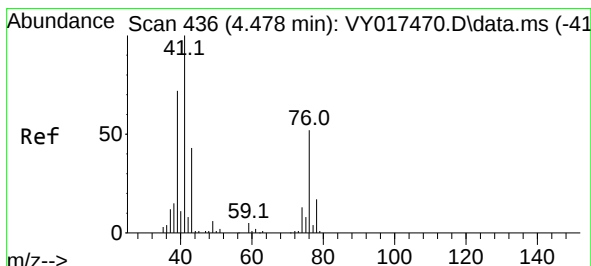
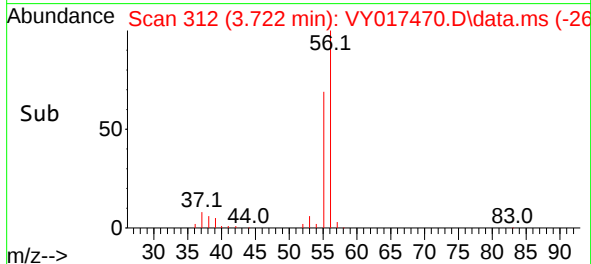
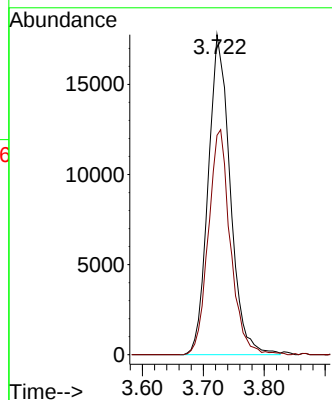
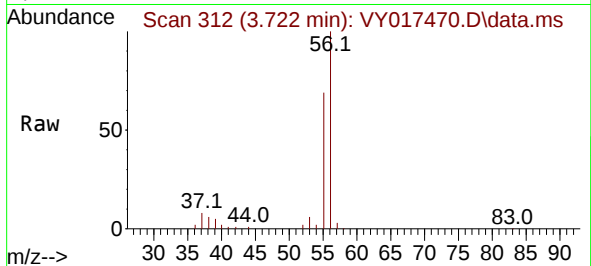
56 100

55 70.3 55.7 83.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#14

Allyl chloride

Concen: 52.772 ug/l

RT: 4.478 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

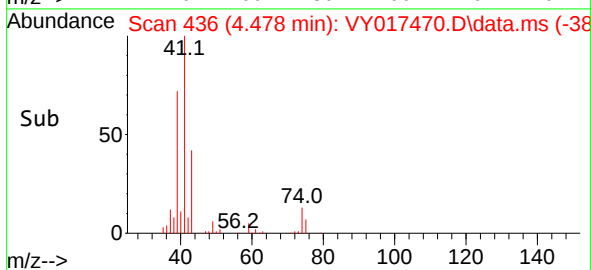
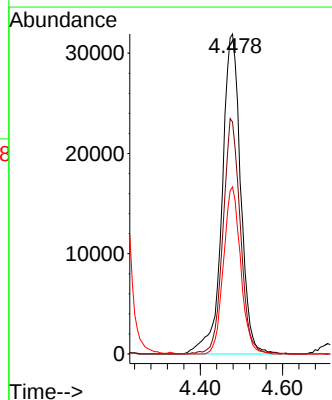
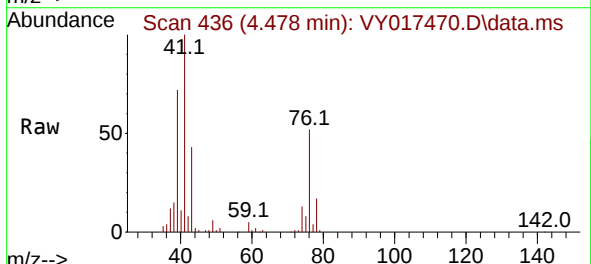
Tgt Ion: 41 Resp: 100242

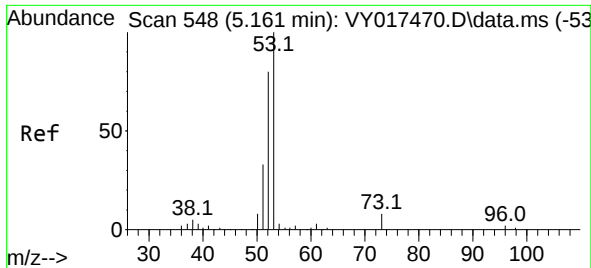
Ion Ratio Lower Upper

41 100

39 68.5 58.3 87.5

76 48.3 39.0 58.6





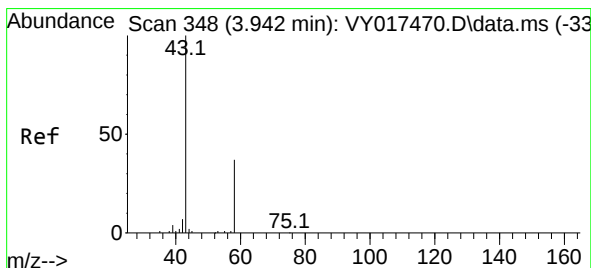
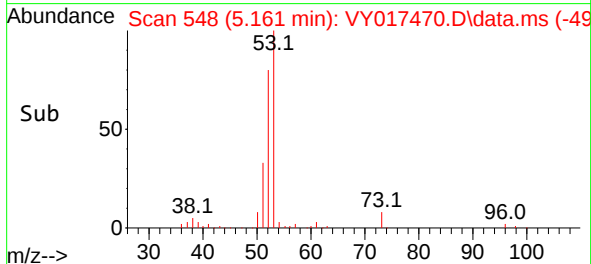
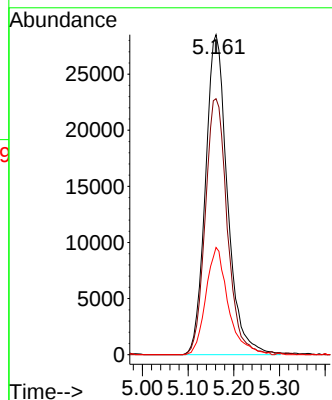
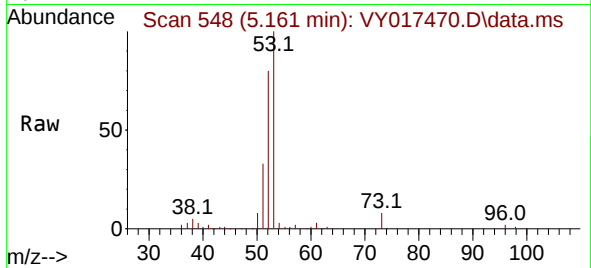
#15
Acrylonitrile
Concen: 269.257 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 53 Resp: 9520
Ion Ratio Lower Upper
53 100
52 80.5 64.7 97.1
51 34.2 28.4 42.6

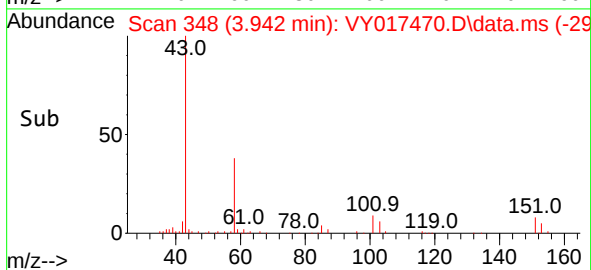
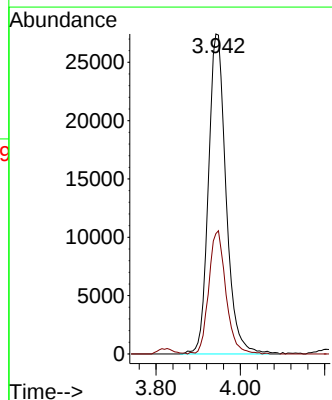
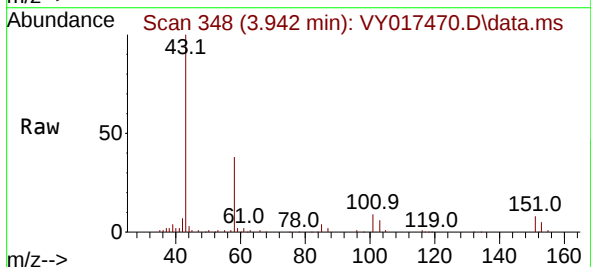
Manual Integrations
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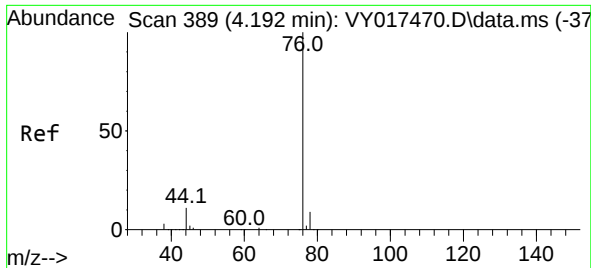
Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#16
Acetone
Concen: 260.773 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

Tgt Ion: 43 Resp: 79772
Ion Ratio Lower Upper
43 100
58 37.6 31.7 47.5





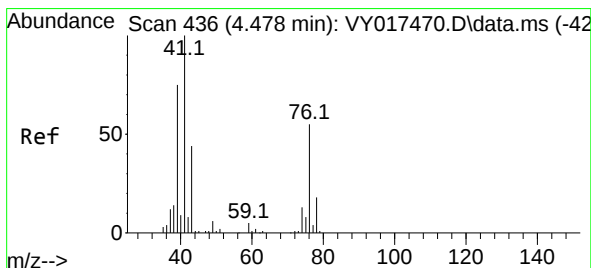
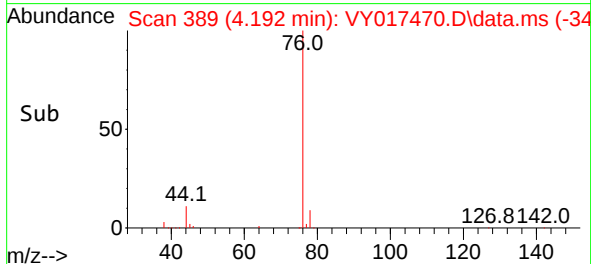
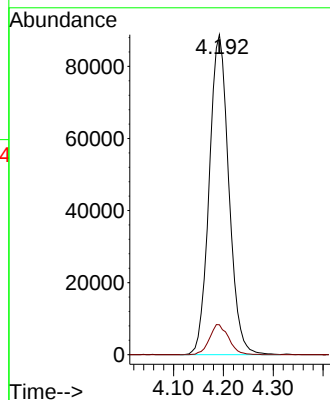
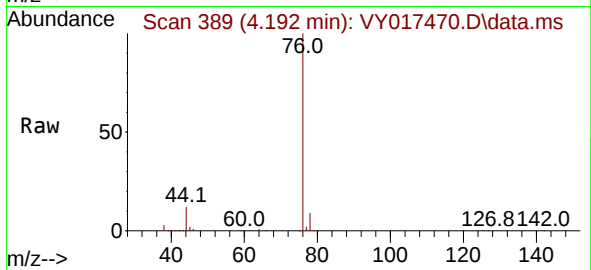
#17
Carbon Disulfide
Concen: 51.249 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 24182
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2

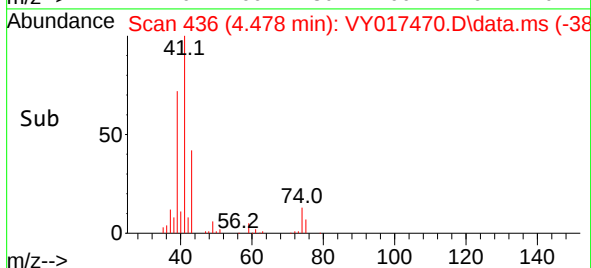
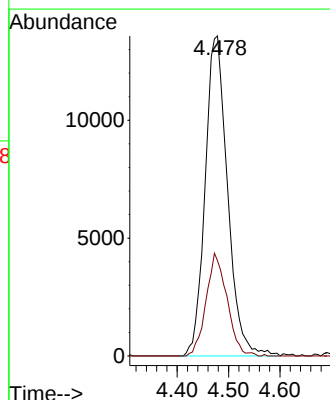
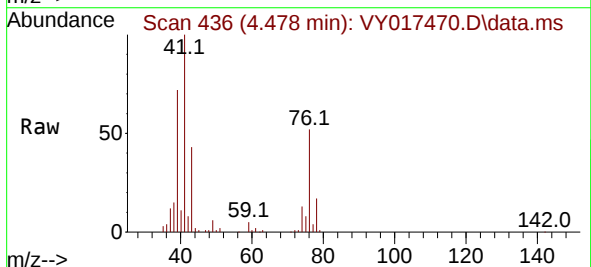
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#18
Methyl Acetate
Concen: 55.435 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

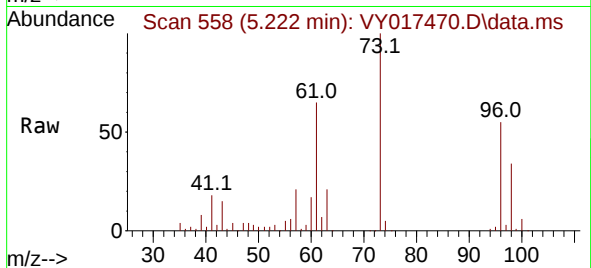
Tgt Ion: 43 Resp: 41141
Ion Ratio Lower Upper
43 100
74 29.9 23.3 34.9





#19
Methyl tert-butyl Ether
Concen: 54.546 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

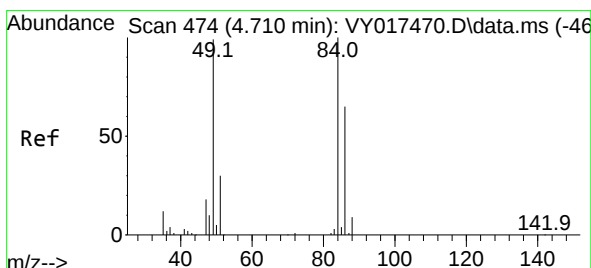
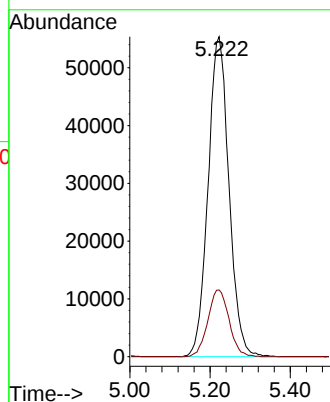
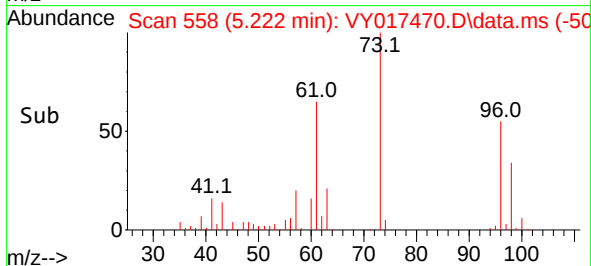
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 73 Resp: 19986
Ion Ratio Lower Upper
73 100
57 20.9 17.3 25.9

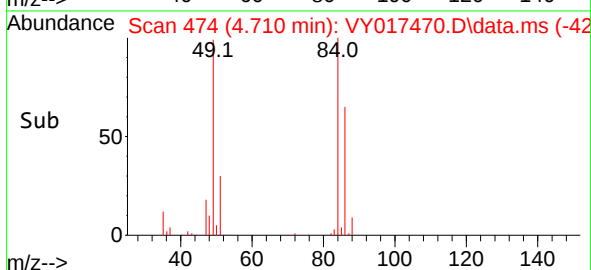
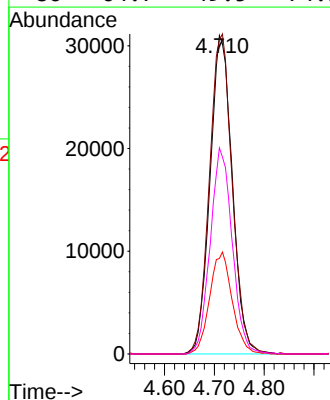
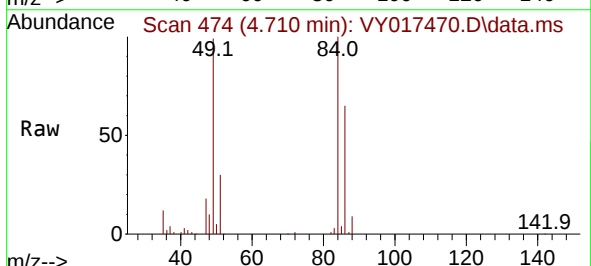
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APPROVED

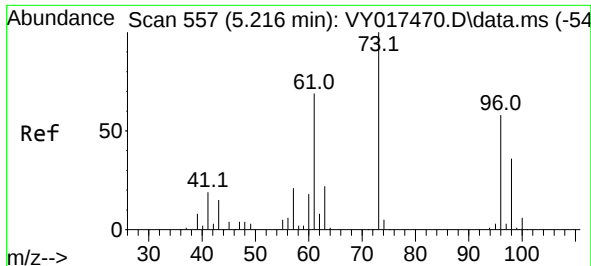
Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#20
Methylene Chloride
Concen: 53.959 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

Tgt Ion: 84 Resp: 96200
Ion Ratio Lower Upper
84 100
49 98.6 84.4 126.6
51 30.0 26.0 39.0
86 64.7 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 52.082 ug/l

RT: 5.216 min Scan# 557

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 96 Resp: 9586

Ion Ratio Lower Upper

96 100

61 119.3 97.5 146.3

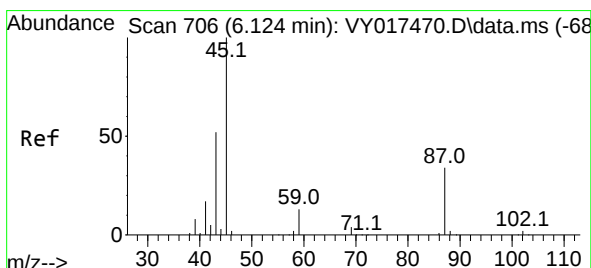
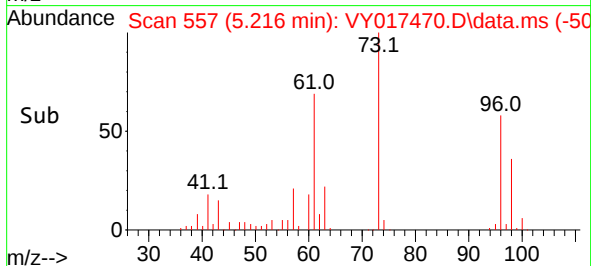
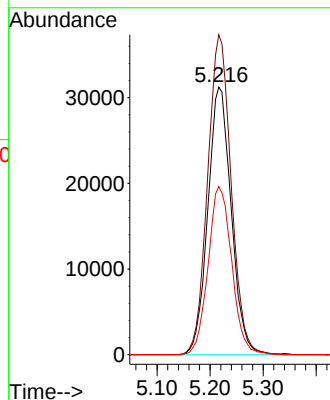
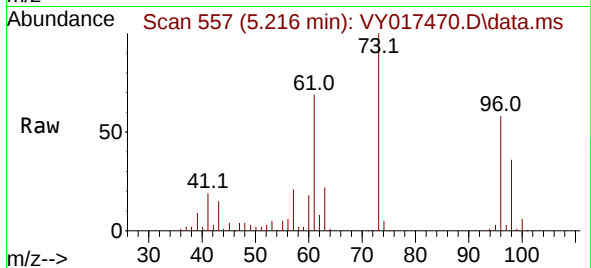
98 62.8 50.5 75.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 02/26/2024

Supervised By :Semsettin Yesilyurt 02/26/2024



#22

Diisopropyl ether

Concen: 54.266 ug/l

RT: 6.124 min Scan# 706

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Tgt Ion: 45 Resp: 237864

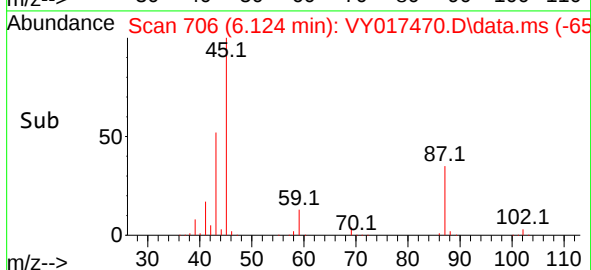
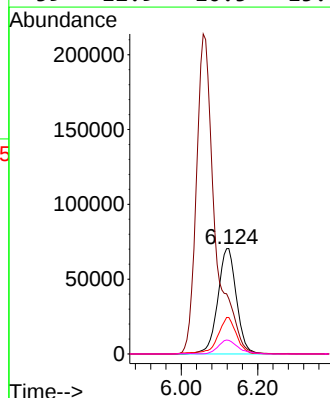
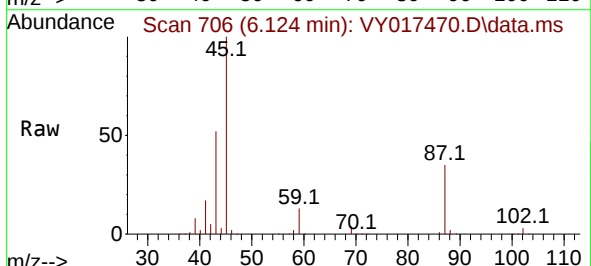
Ion Ratio Lower Upper

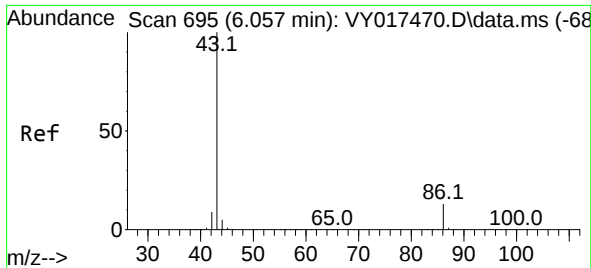
45 100

43 52.1 42.2 63.2

87 34.5 25.0 37.6

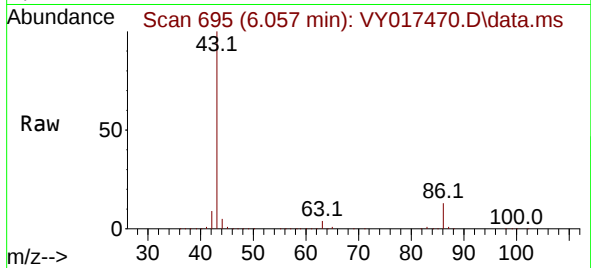
59 12.9 10.5 15.7





#23
 Vinyl Acetate
 Concen: 275.041 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY017470.D
 Acq: 23 Feb 2024 17:33

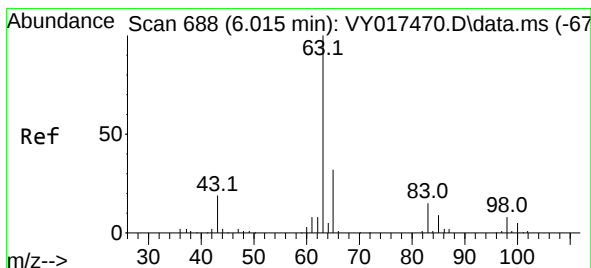
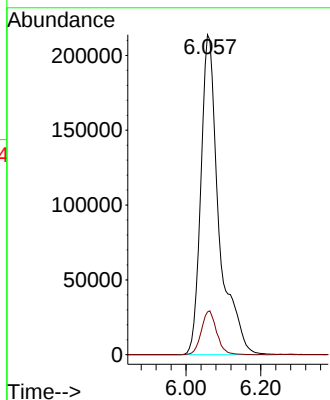
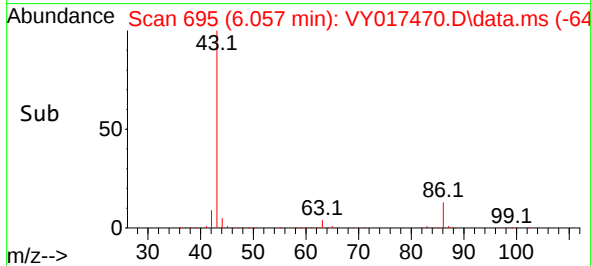
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050



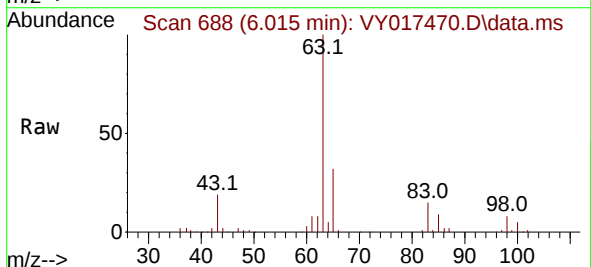
Tgt Ion: 43 Resp: 71839
 Ion Ratio Lower Upper
 43 100
 86 13.4 10.6 16.0

Manual Integrations
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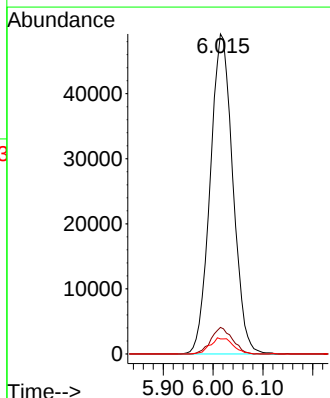
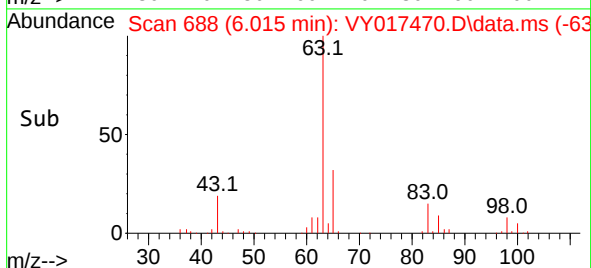
Reviewed By :Mahesh Dadoda 02/26/2024
 Supervised By :Semsettin Yesilyurt 02/26/2024

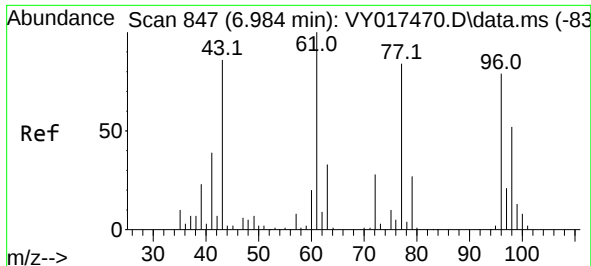


#24
 1,1-Dichloroethane
 Concen: 51.779 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY017470.D
 Acq: 23 Feb 2024 17:33



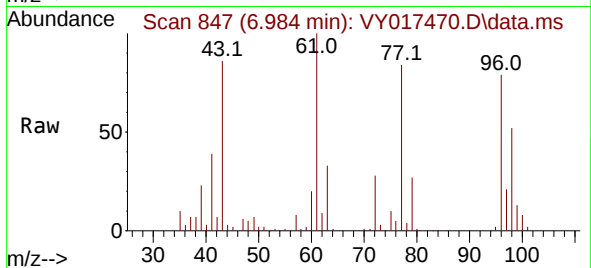
Tgt Ion: 63 Resp: 155058
 Ion Ratio Lower Upper
 63 100
 98 8.3 4.0 12.2
 100 4.7 2.6 8.0





#25
2-Butanone
Concen: 272.294 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

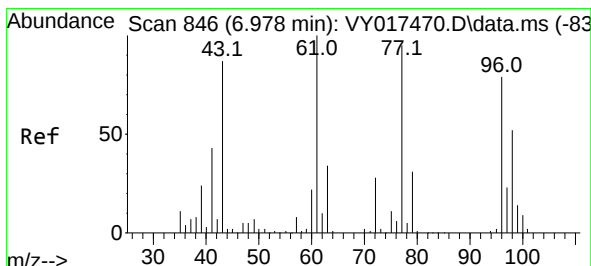
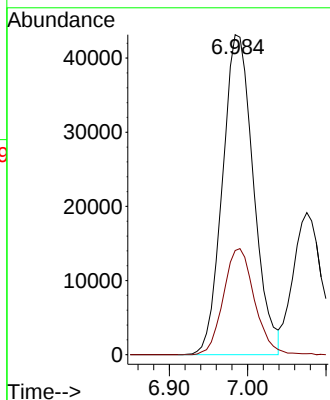
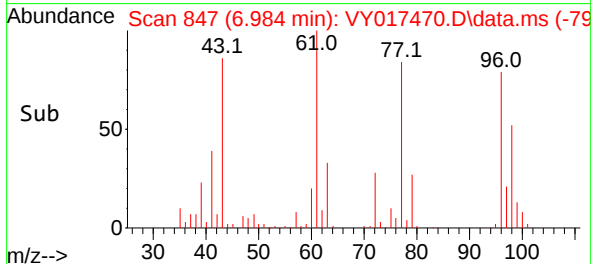
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



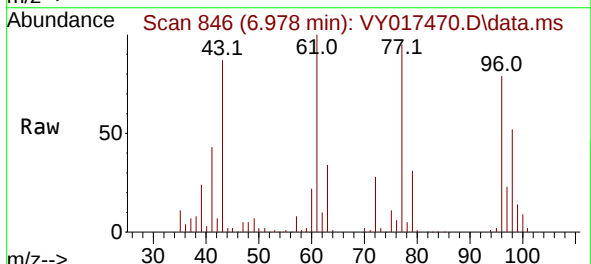
Tgt Ion: 43 Resp: 118708
Ion Ratio Lower Upper
43 100
72 32.5 27.3 40.9

Manual Integrations
APPROVED

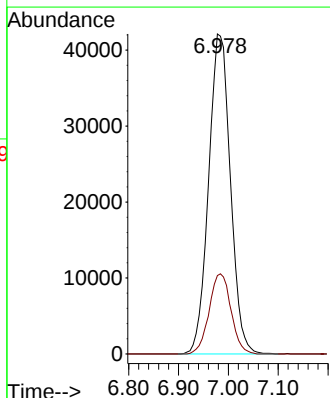
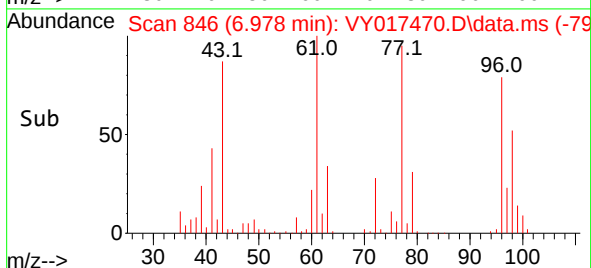
Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024

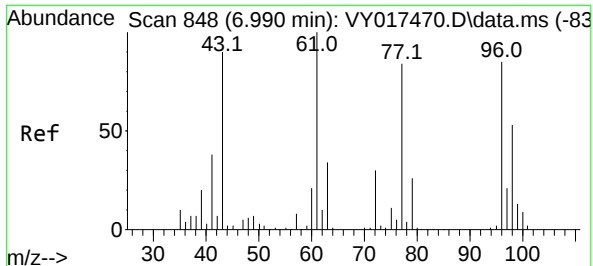


#26
2,2-Dichloropropane
Concen: 50.774 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33



Tgt Ion: 77 Resp: 127836
Ion Ratio Lower Upper
77 100
97 25.1 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 52.826 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 96 Resp: 10917

Ion Ratio Lower Upper

96 100

61 124.5 0.0 256.2

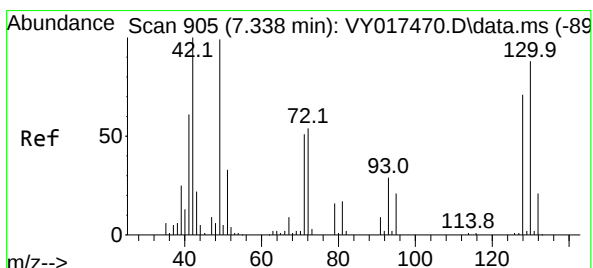
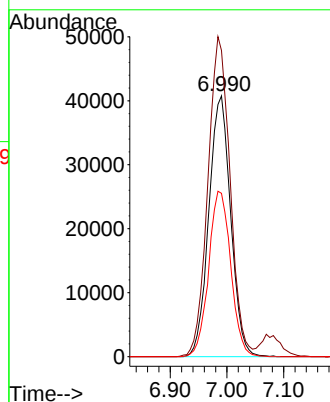
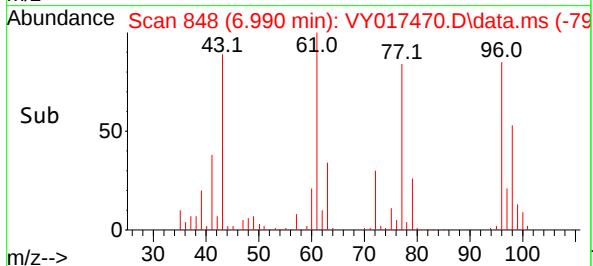
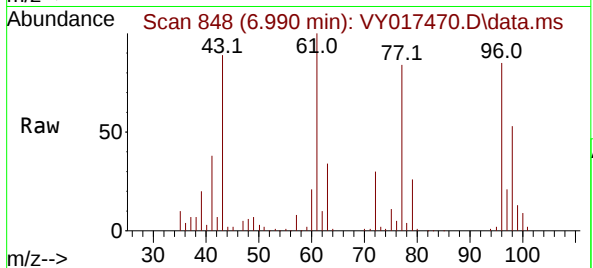
98 64.2 0.0 130.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/26/2024

Supervised By :Semsettin Yesilyurt 02/26/2024



#28

Bromochloromethane

Concen: 43.329 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

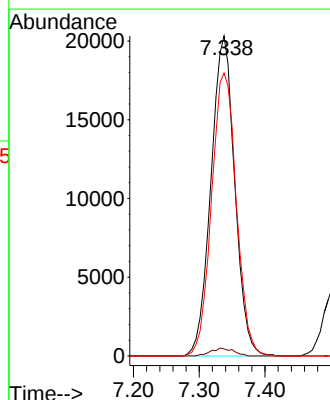
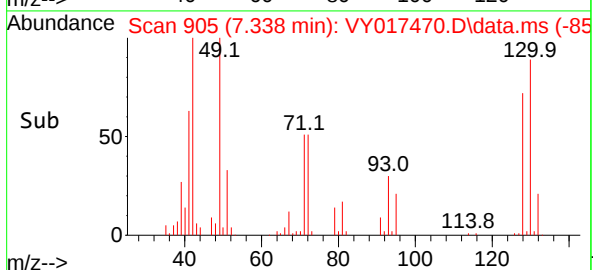
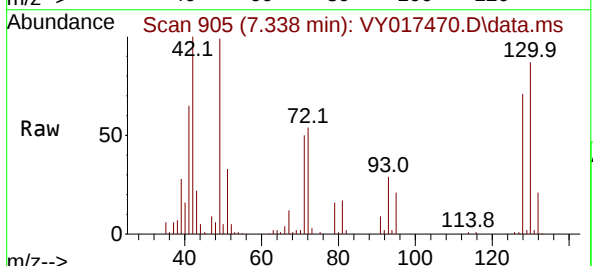
Tgt Ion: 49 Resp: 51101

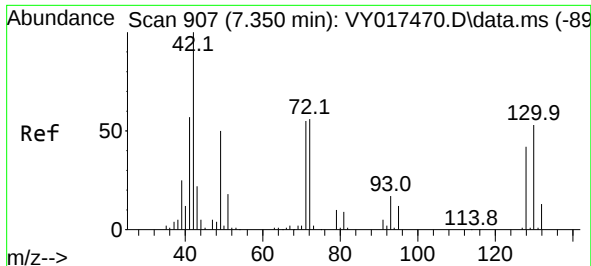
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 92.1 72.7 109.1





#29

Tetrahydrofuran

Concen: 278.854 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

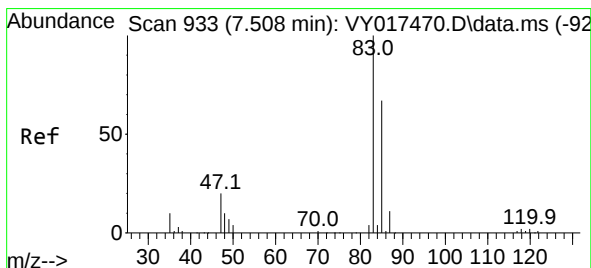
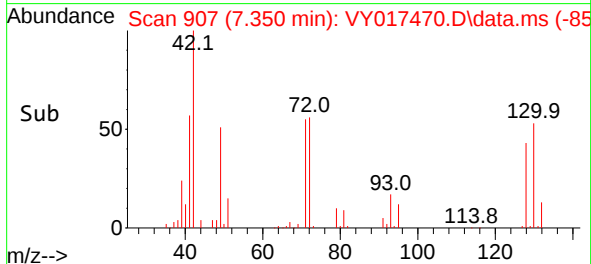
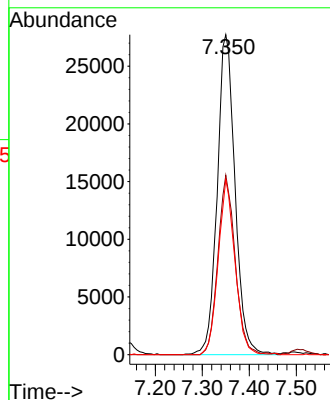
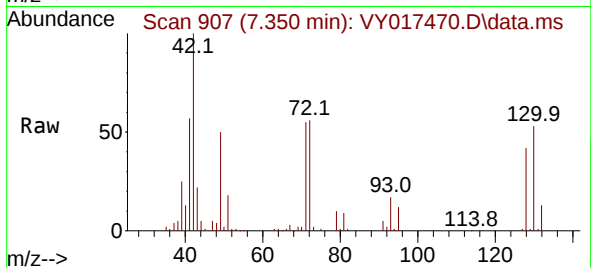
VSTDICCC050

Tgt Ion:	42	Resp:	7328
Ion	Ratio	Lower	Upper
42	100		
72	54.1	43.0	64.4
71	51.3	40.8	61.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#30

Chloroform

Concen: 51.709 ug/l

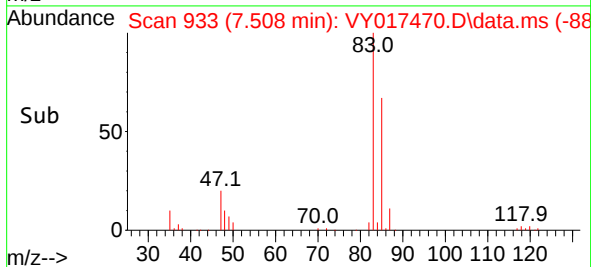
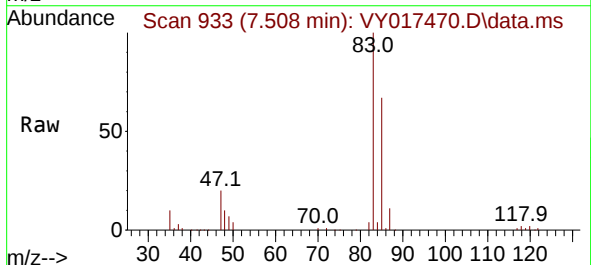
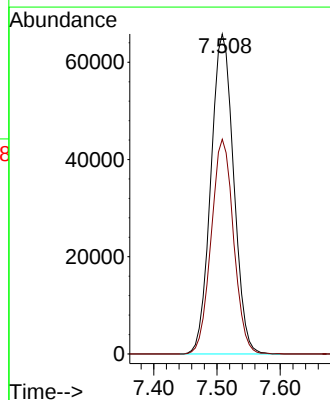
RT: 7.508 min Scan# 933

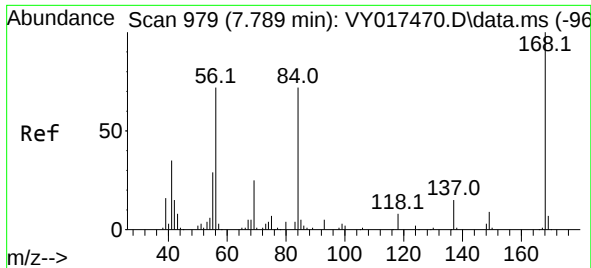
Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

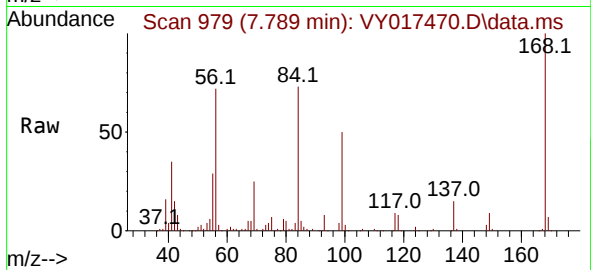
Tgt Ion:	83	Resp:	164862
Ion	Ratio	Lower	Upper
83	100		
85	67.1	52.2	78.4





#31
Cyclohexane
Concen: 50.325 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

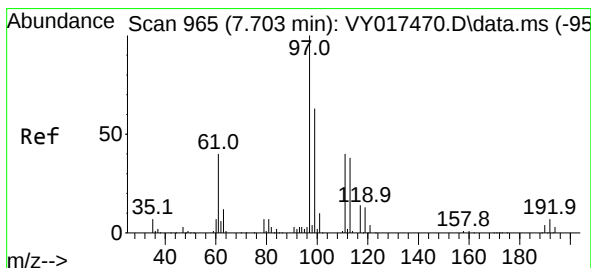
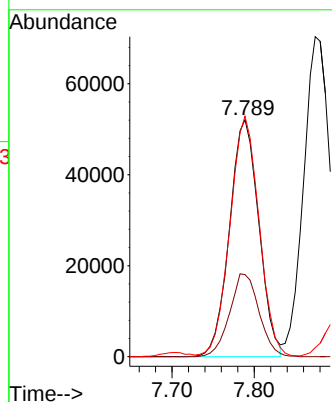
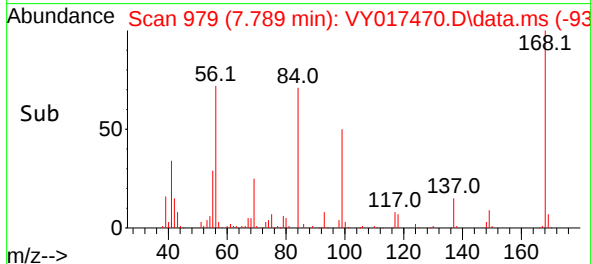
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



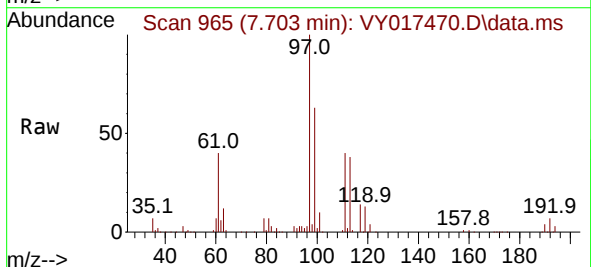
Tgt Ion: 56 Resp: 129168
Ion Ratio Lower Upper
56 100
69 34.6 28.7 43.1
84 99.8 77.7 116.5

Manual Integrations
APPROVED

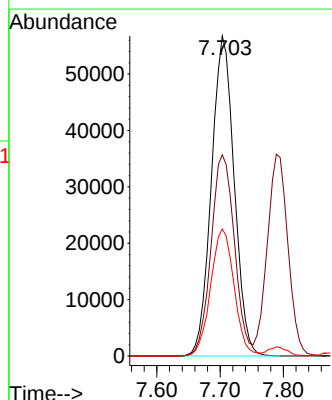
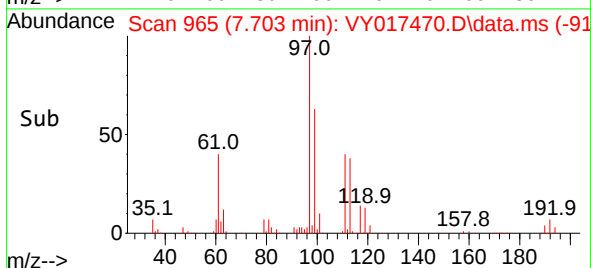
Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024

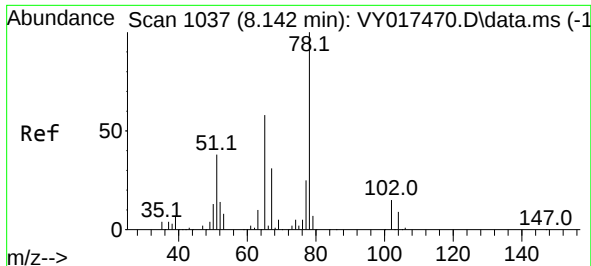


#32
1,1,1-Trichloroethane
Concen: 51.356 ug/l
RT: 7.703 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33



Tgt Ion: 97 Resp: 142154
Ion Ratio Lower Upper
97 100
99 64.7 50.3 75.5
61 40.8 32.6 48.8





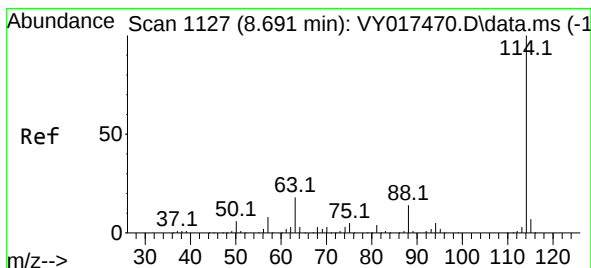
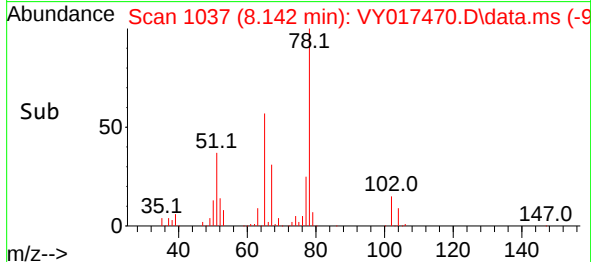
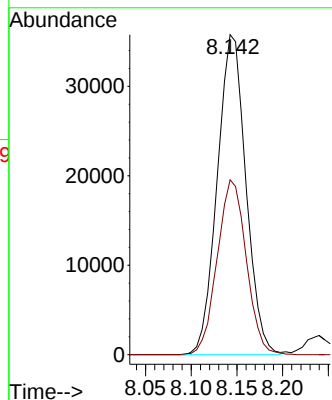
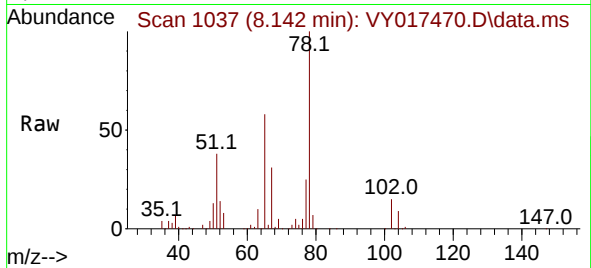
#33
1,2-Dichloroethane-d4
Concen: 49.484 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 65 Resp: 78045
Ion Ratio Lower Upper
65 100
67 55.4 0.0 109.6

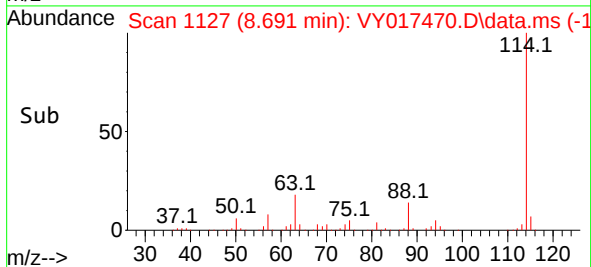
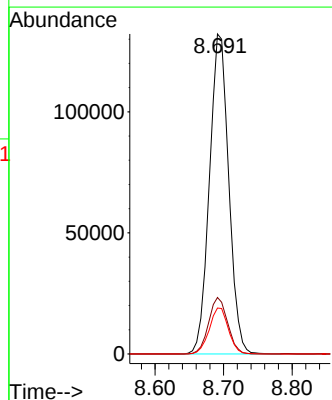
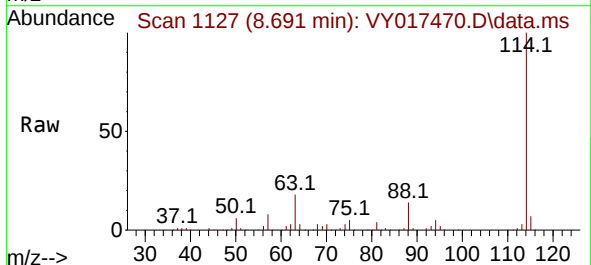
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

Tgt Ion:114 Resp: 258158
Ion Ratio Lower Upper
114 100
63 17.7 0.0 35.0
88 14.3 0.0 27.2





#35

Dibromofluoromethane

Concen: 49.502 ug/l

RT: 7.716 min Scan# 90

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

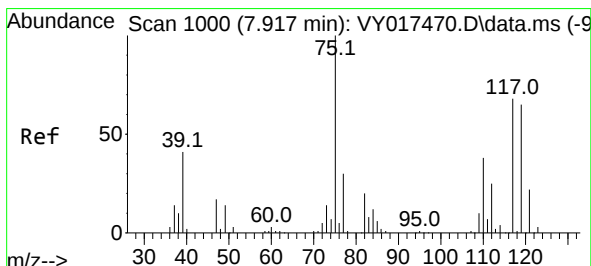
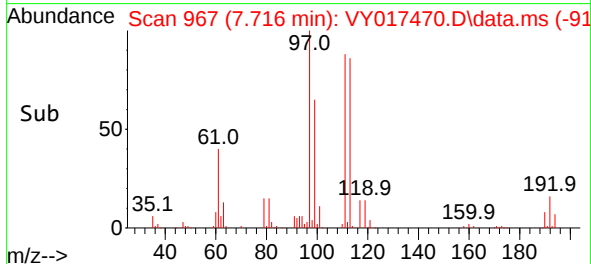
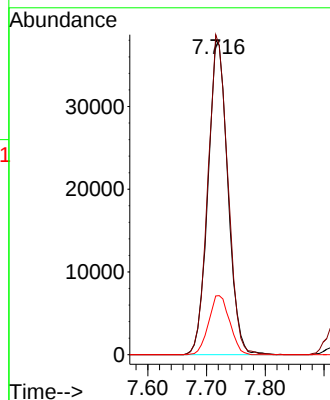
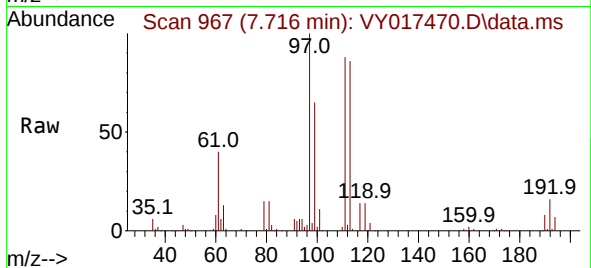
VSTDICCC050

Tgt Ion:	113	Resp:	8905
Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.2	123.4
192	19.8	15.9	23.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#36

1,1-Dichloropropene

Concen: 52.397 ug/l

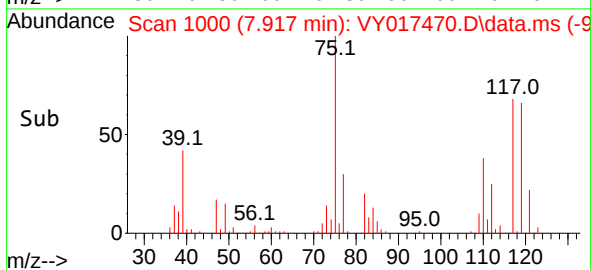
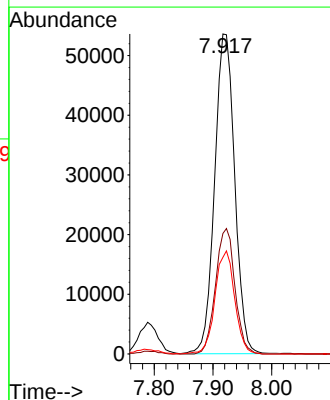
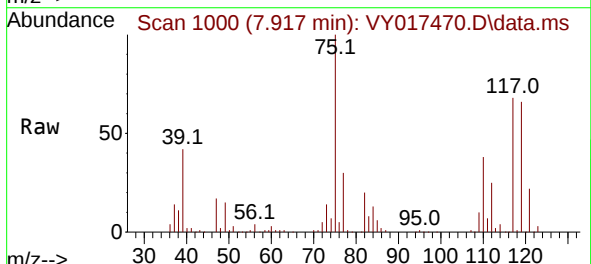
RT: 7.917 min Scan# 1000

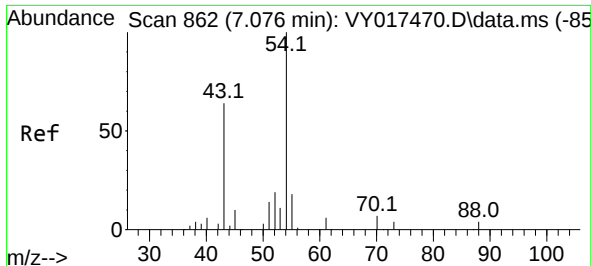
Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Tgt Ion:	75	Resp:	127176
Ion	Ratio	Lower	Upper
75	100		
110	38.0	19.0	57.0
77	31.6	25.3	37.9





#37

Ethyl Acetate

Concen: 53.373 ug/l

RT: 7.076 min Scan# 862

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

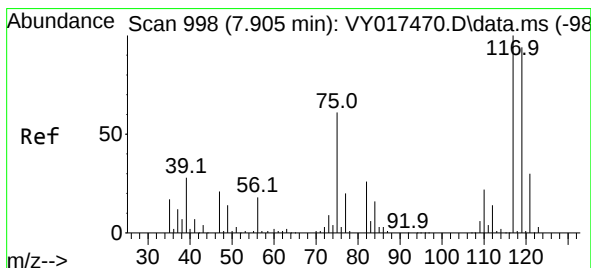
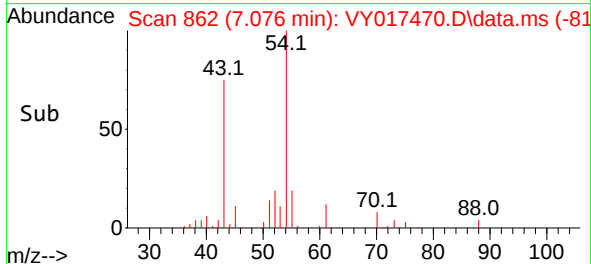
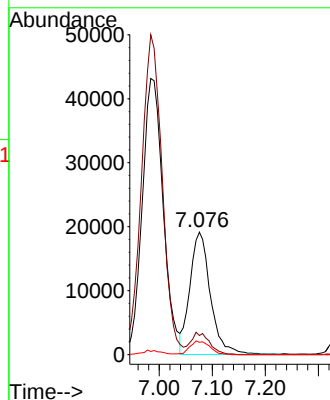
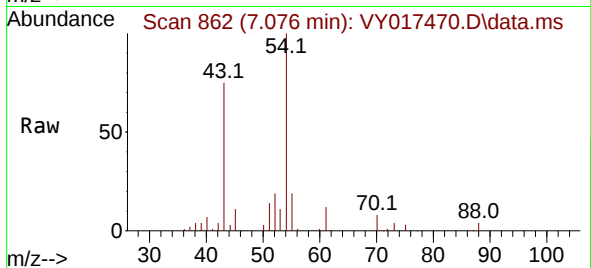
VSTDICCC050

Tgt Ion: 43	Resp: 5116
Ion Ratio	Lower Upper
43 100	
61 17.0	12.6 19.0
70 10.8	7.8 11.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#38

Carbon Tetrachloride

Concen: 52.819 ug/l

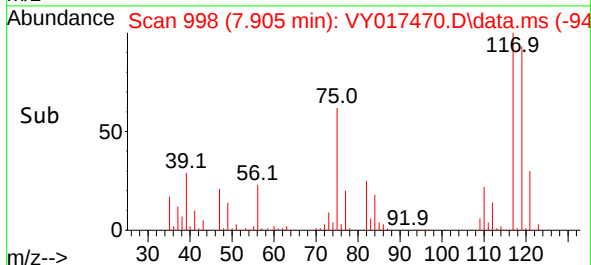
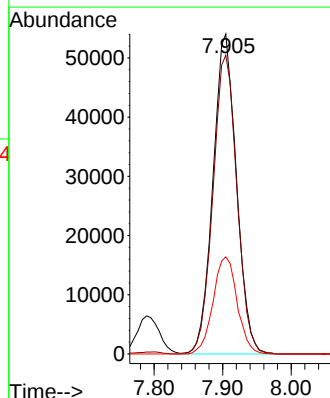
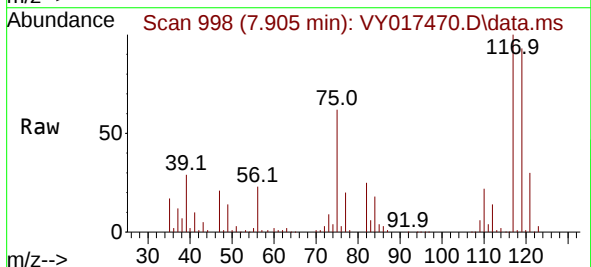
RT: 7.905 min Scan# 998

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Tgt Ion:117	Resp: 128485
Ion Ratio	Lower Upper
117 100	
119 93.4	75.8 113.6
121 30.4	24.0 36.0





#39

Methylcyclohexane

Concen: 54.100 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 157804

Ion Ratio Lower Upper

83 100

55 64.5 51.5 77.3

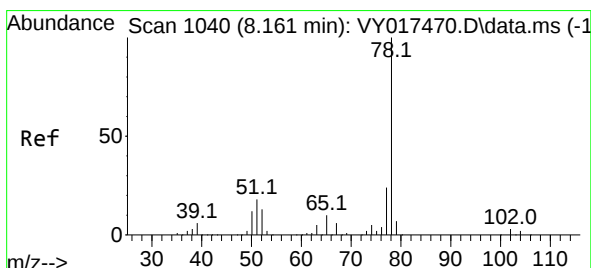
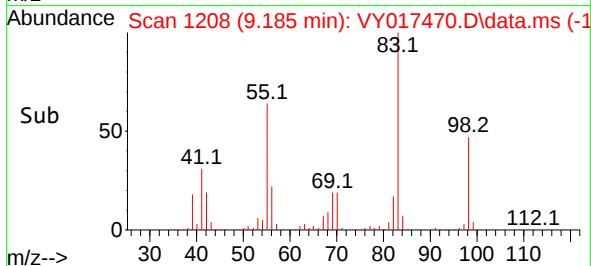
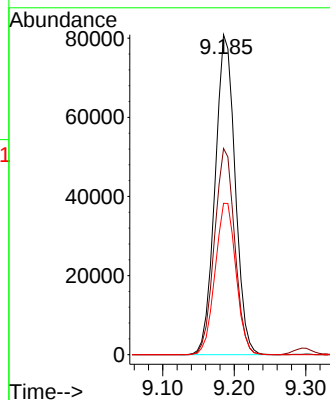
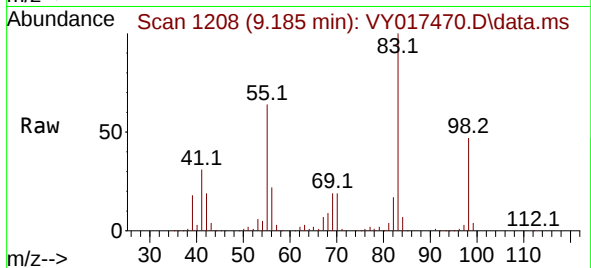
98 47.3 40.5 60.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 02/26/2024

Supervised By :Semsettin Yesilyurt 02/26/2024



#40

Benzene

Concen: 52.658 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY017470.D

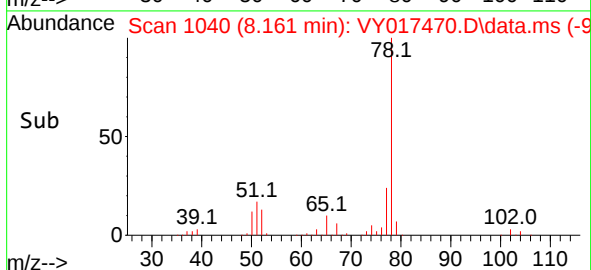
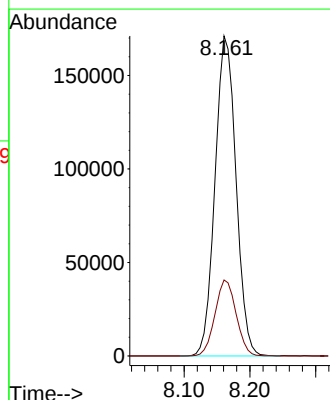
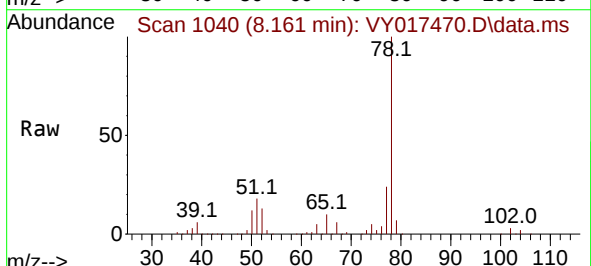
Acq: 23 Feb 2024 17:33

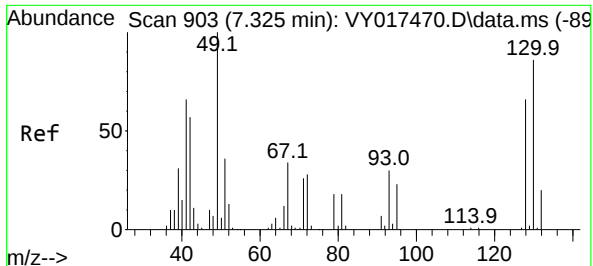
Tgt Ion: 78 Resp: 379558

Ion Ratio Lower Upper

78 100

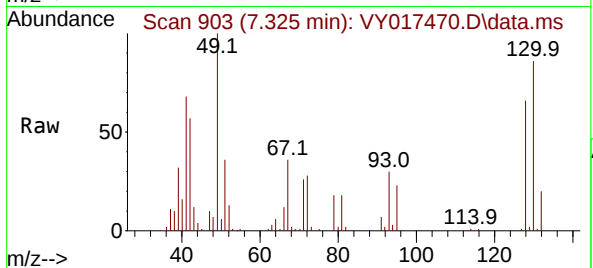
77 23.7 19.5 29.3





#41
Methacrylonitrile
Concen: 56.900 ug/l m
RT: 7.325 min Scan# 903
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

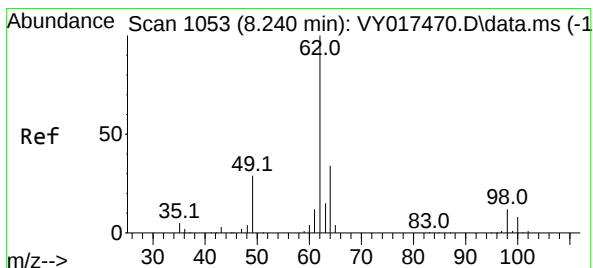
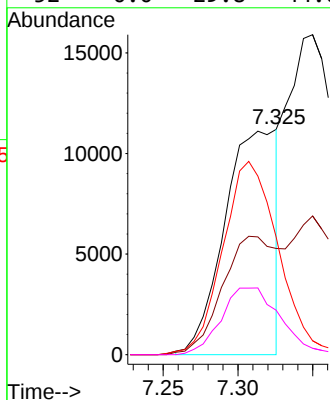
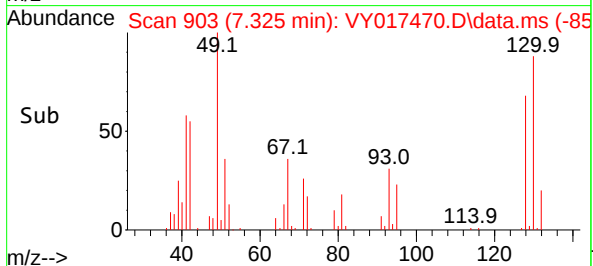
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 27372
Ion Ratio Lower Upper
41 100
39 55.0 48.0 72.0
67 0.0 75.1 112.7
52 0.0 29.8 44.6#

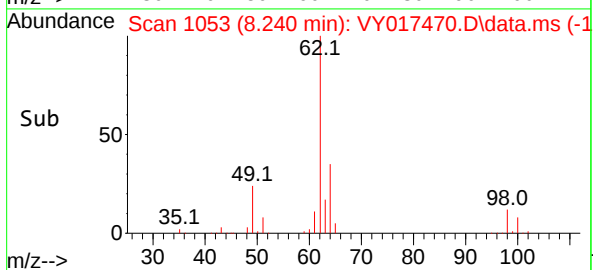
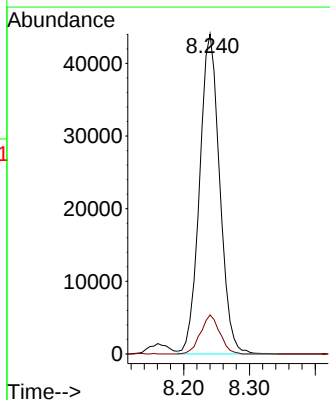
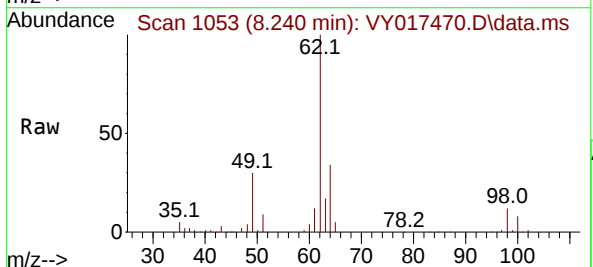
Manual Integrations
APPROVED

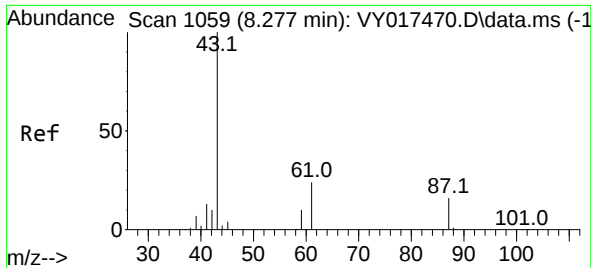
Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#42
1,2-Dichloroethane
Concen: 53.244 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

Tgt Ion: 62 Resp: 93638
Ion Ratio Lower Upper
62 100
98 11.6 0.0 22.0





#43

Isopropyl Acetate

Concen: 55.186 ug/l

RT: 8.277 min Scan# 1059

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

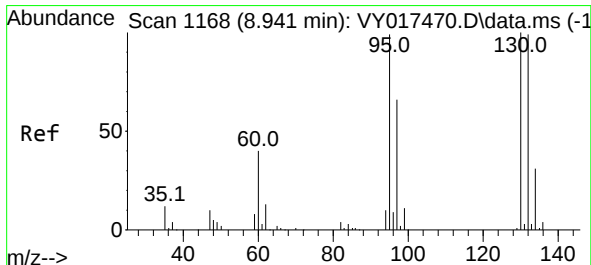
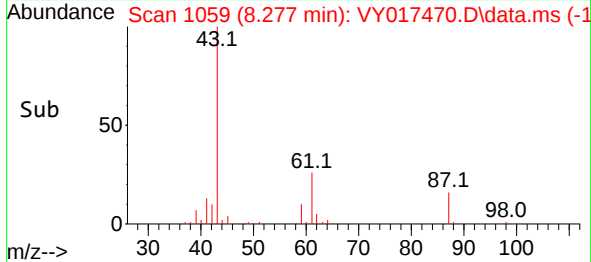
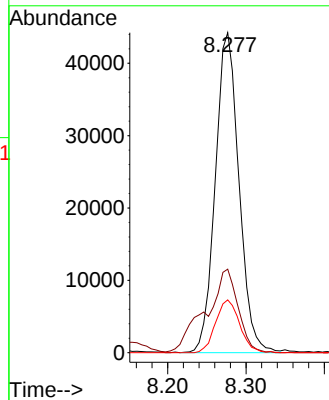
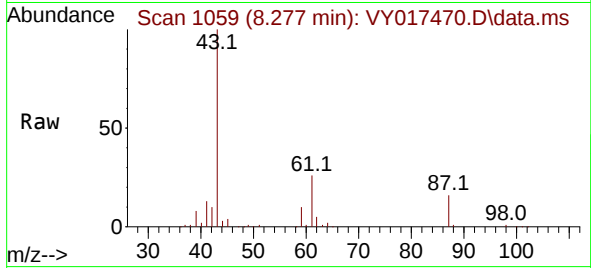
Tgt Ion: 43 Resp: 9296

Ion	Ratio	Lower	Upper
43	100		
61	35.9	27.9	41.9
87	16.7	13.1	19.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#44

Trichloroethene

Concen: 51.951 ug/l

RT: 8.941 min Scan# 1168

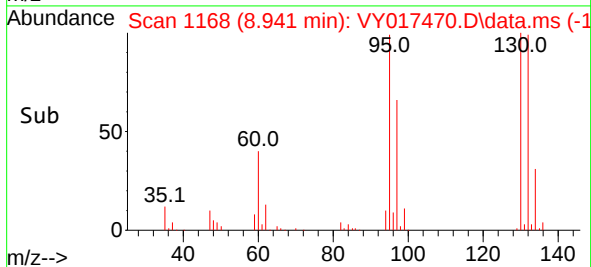
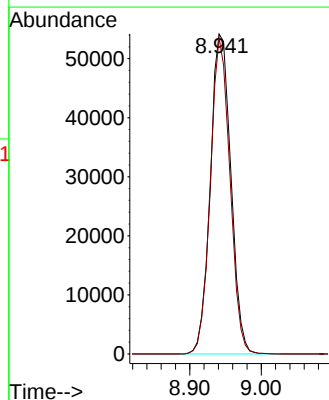
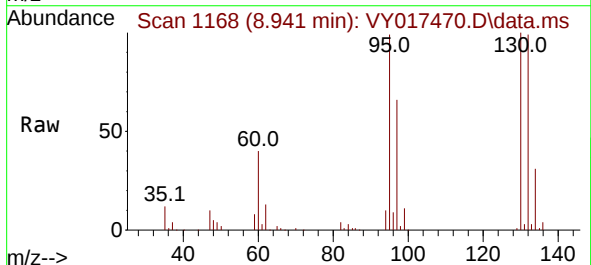
Delta R.T. 0.000 min

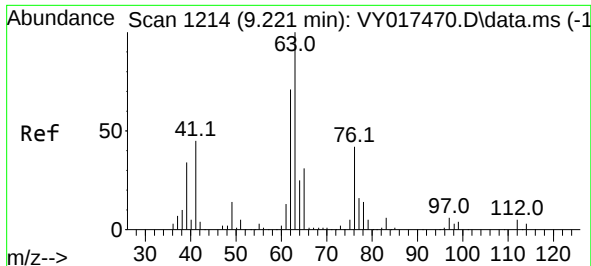
Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Tgt Ion:130 Resp: 107932

Ion	Ratio	Lower	Upper
130	100		
95	98.8	0.0	188.0





#45

1,2-Dichloropropane

Concen: 52.644 ug/l

RT: 9.221 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 90279

Ion Ratio Lower Upper

63 100

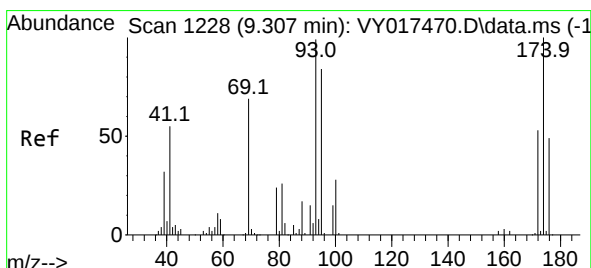
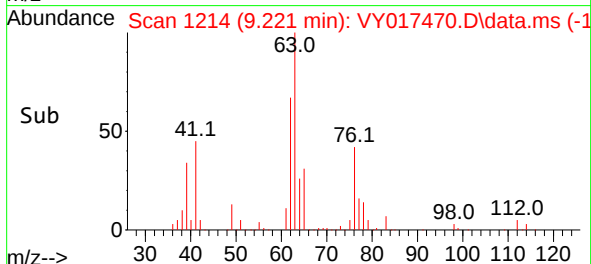
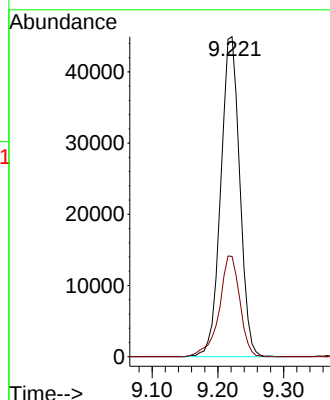
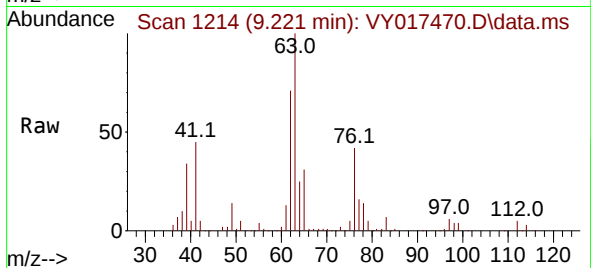
65 31.4 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/26/2024

Supervised By :Semsettin Yesilyurt 02/26/2024



#46

Dibromomethane

Concen: 52.990 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

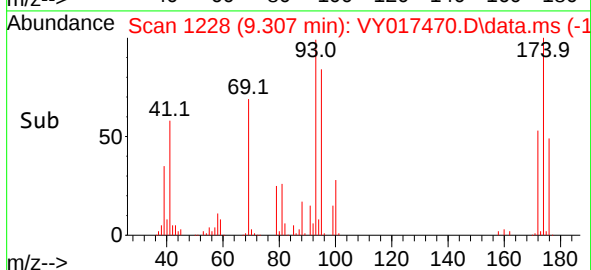
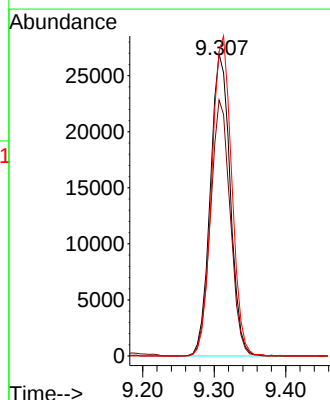
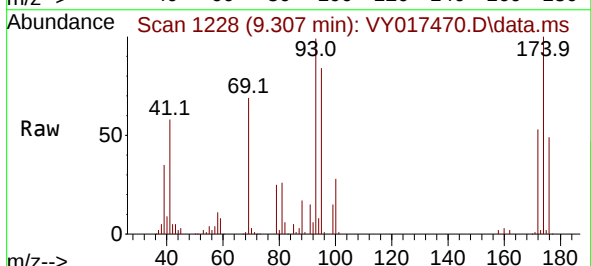
Tgt Ion: 93 Resp: 52006

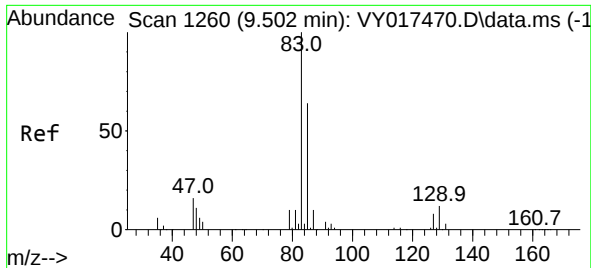
Ion Ratio Lower Upper

93 100

95 83.9 66.2 99.4

174 105.9 80.9 121.3





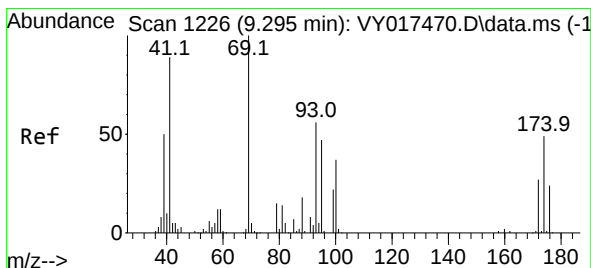
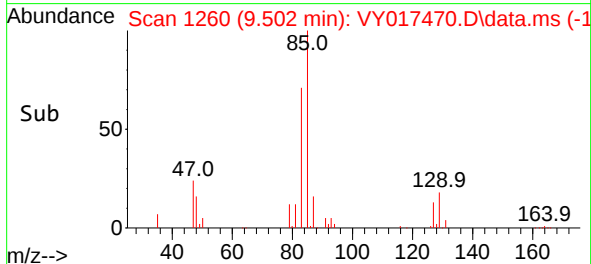
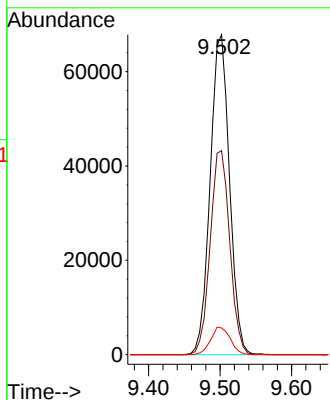
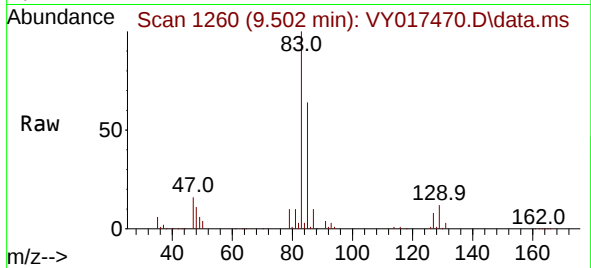
#47
Bromodichloromethane
Concen: 53.432 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 127328
Ion Ratio Lower Upper
83 100
85 63.8 50.1 75.1
127 8.3 7.4 11.0

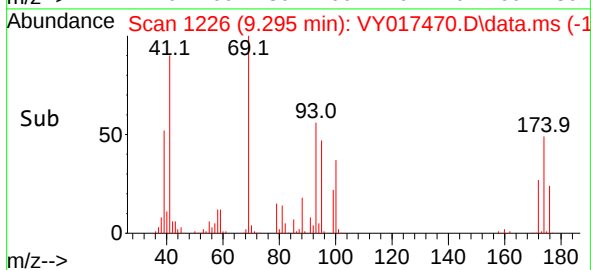
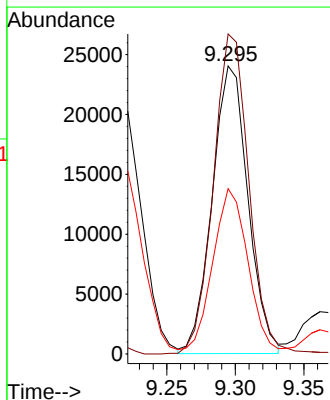
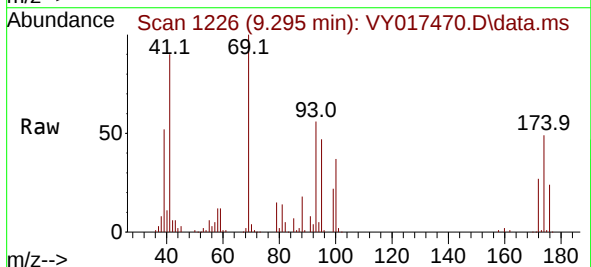
Manual Integrations
APPROVED

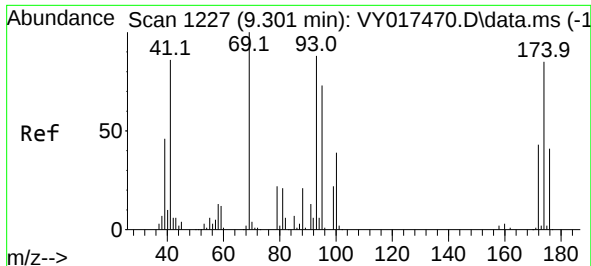
Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#48
Methyl methacrylate
Concen: 56.069 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

Tgt Ion: 41 Resp: 43720
Ion Ratio Lower Upper
41 100
69 110.7 84.1 126.1
39 53.8 43.6 65.4





#49

1,4-Dioxane

Concen: 1102.186 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 1224

Ion Ratio Lower Upper

88 100

43 27.7 0.0 0.0

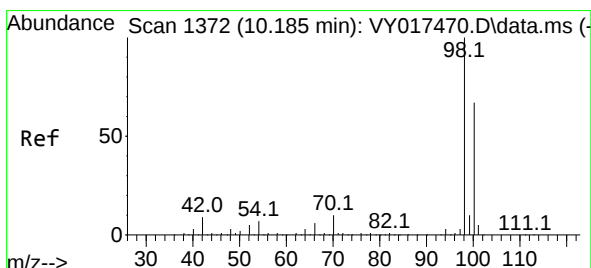
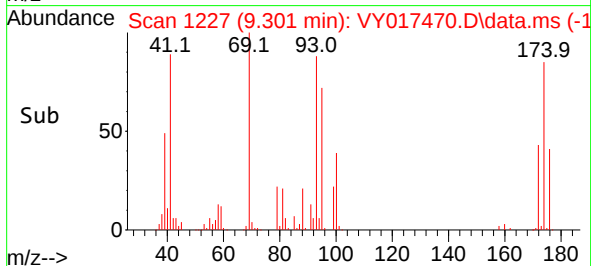
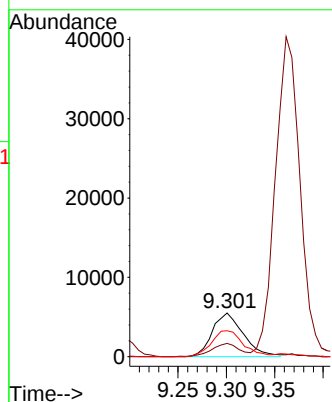
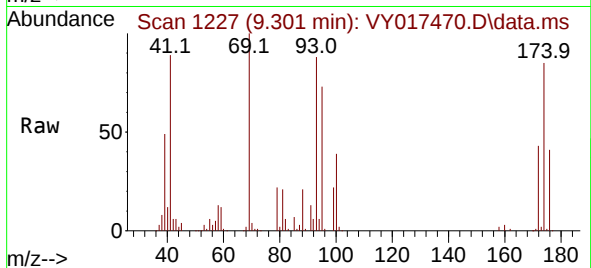
58 60.8 49.3 73.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/26/2024

Supervised By :Semsettin Yesilyurt 02/26/2024



#50

Toluene-d8

Concen: 52.246 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY017470.D

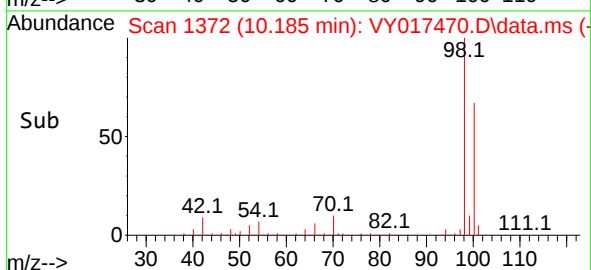
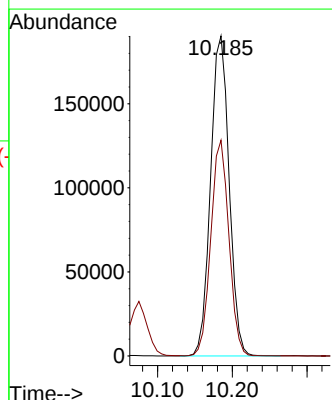
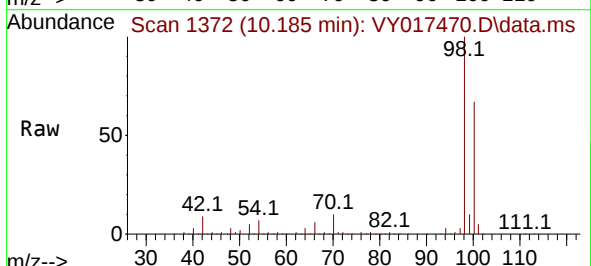
Acq: 23 Feb 2024 17:33

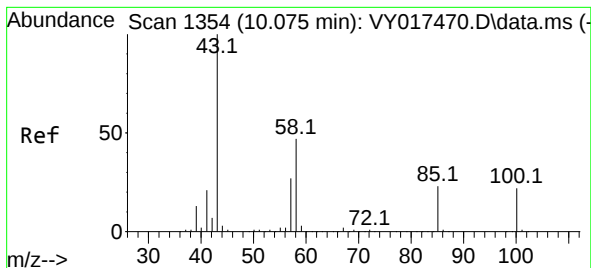
Tgt Ion: 98 Resp: 328613

Ion Ratio Lower Upper

98 100

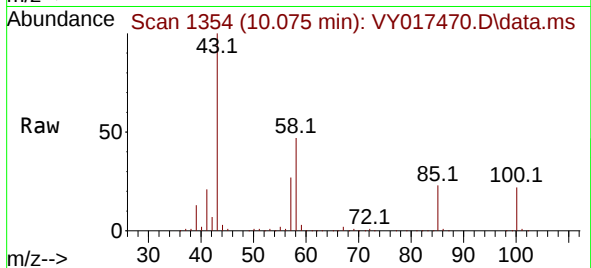
100 65.9 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 276.859 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

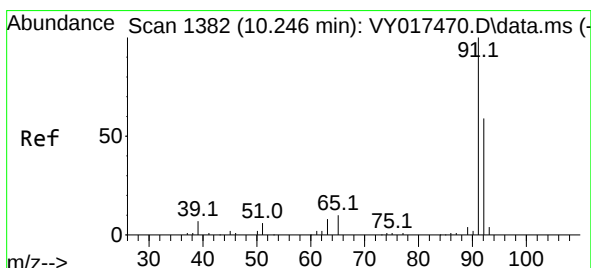
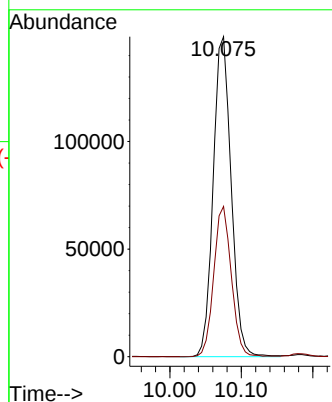
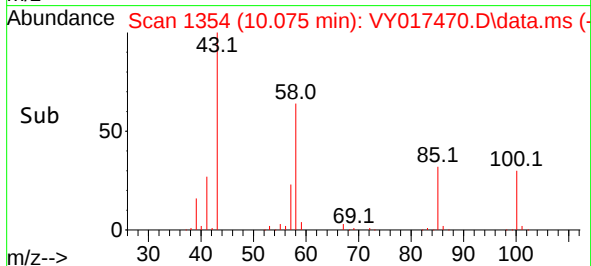
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



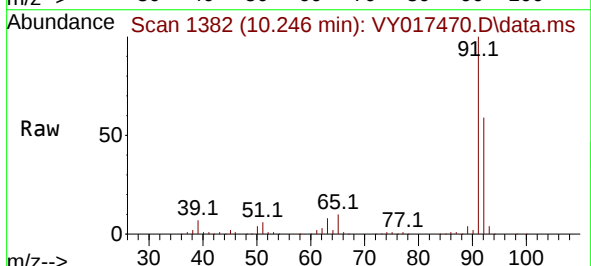
Tgt Ion: 43 Resp: 259932
Ion Ratio Lower Upper
43 100
58 45.9 35.7 53.5

Manual Integrations
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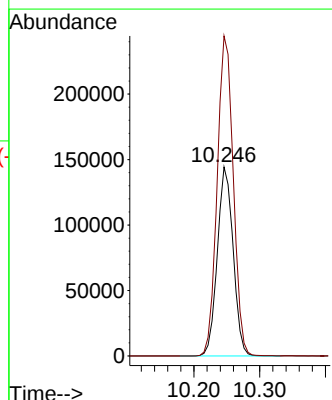
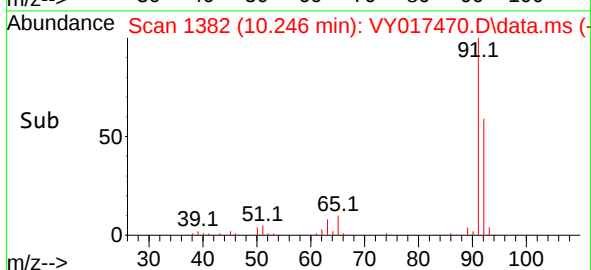
Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024

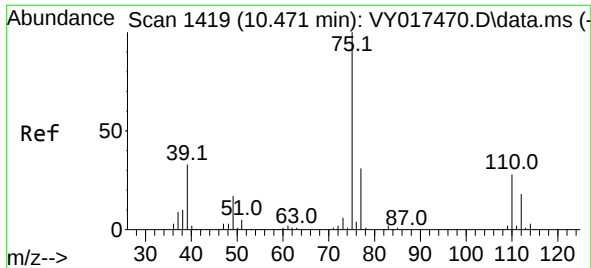


#52
Toluene
Concen: 53.126 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33



Tgt Ion: 92 Resp: 241403
Ion Ratio Lower Upper
92 100
91 172.7 139.0 208.6





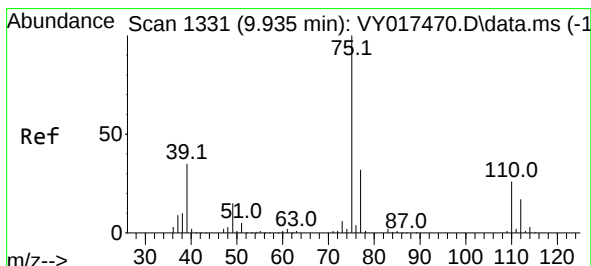
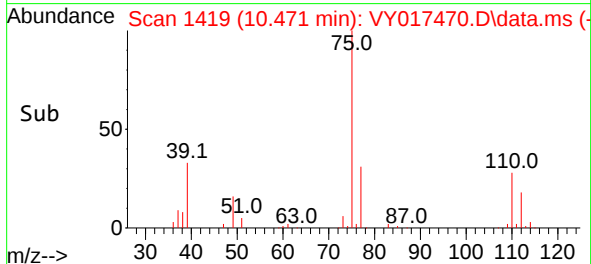
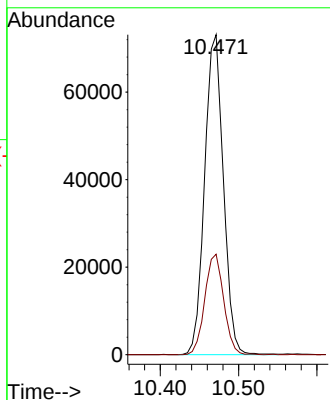
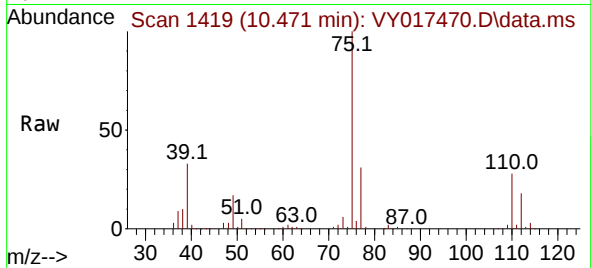
#53
 t-1,3-Dichloropropene
 Concen: 54.842 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: VY017470.D
 Acq: 23 Feb 2024 17:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 75 Resp: 12130
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.1 36.1

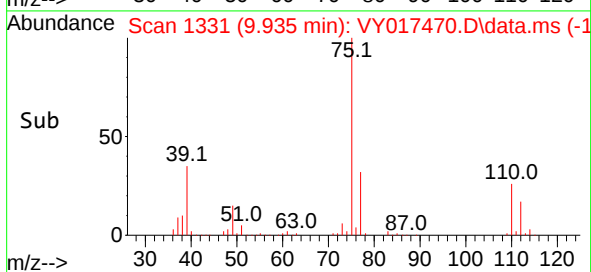
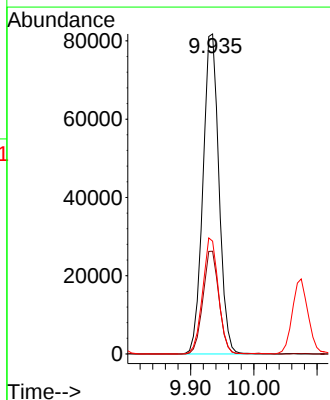
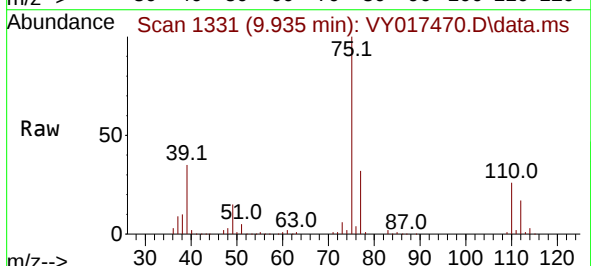
Manual Integrations
 APPROVED

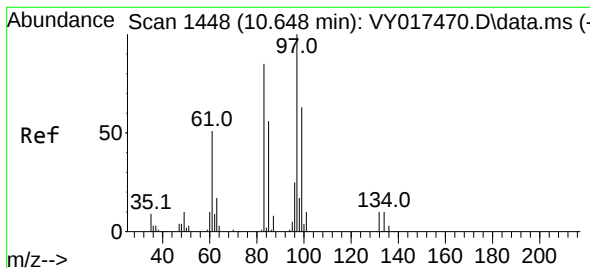
Reviewed By :Mahesh Dadoda 02/26/2024
 Supervised By :Semsettin Yesilyurt 02/26/2024



#54
 cis-1,3-Dichloropropene
 Concen: 53.574 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.000 min
 Lab File: VY017470.D
 Acq: 23 Feb 2024 17:33

Tgt Ion: 75 Resp: 143985
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.4 38.0
 39 35.3 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 52.790 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 73560

Ion Ratio Lower Upper

97 100

83 84.9 67.5 101.3

85 55.9 42.9 64.3

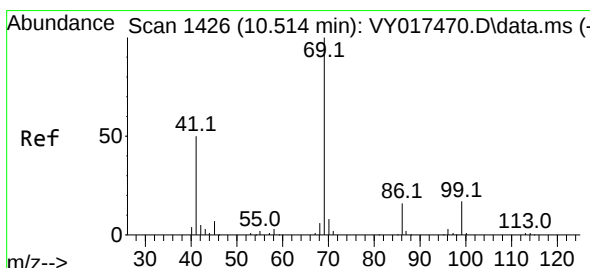
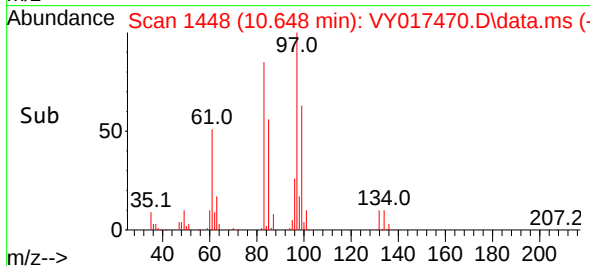
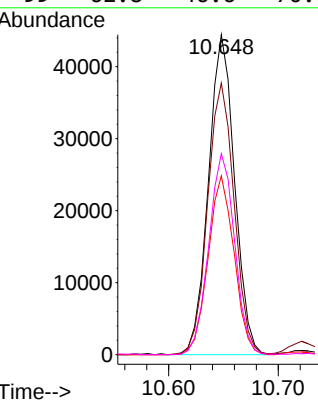
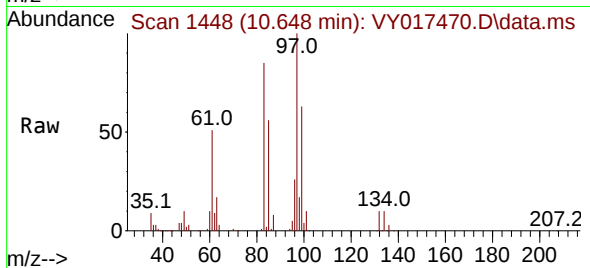
99 62.8 46.6 70.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/26/2024

Supervised By :Semsettin Yesilyurt 02/26/2024



#56

Ethyl methacrylate

Concen: 52.788 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. -0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

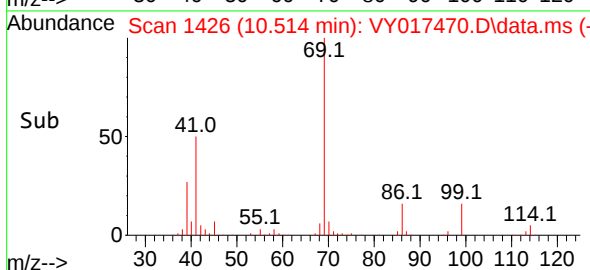
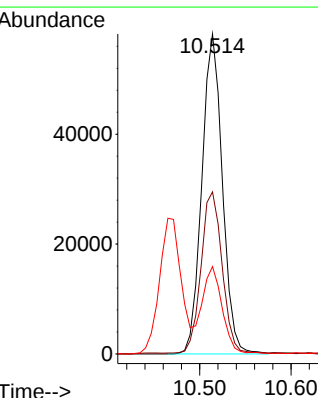
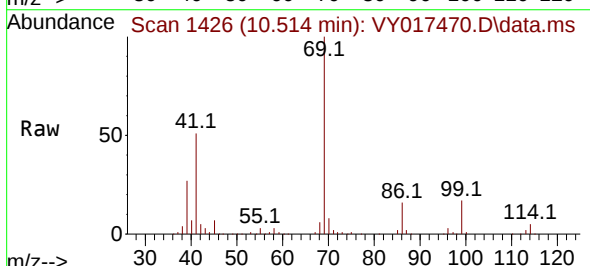
Tgt Ion: 69 Resp: 90747

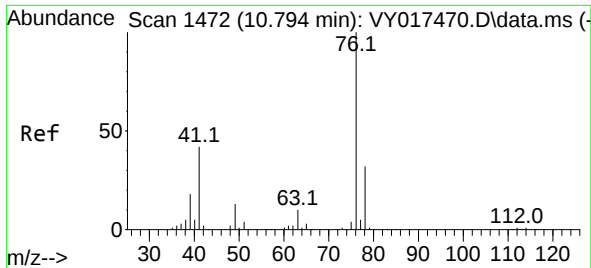
Ion Ratio Lower Upper

69 100

41 51.7 42.3 63.5

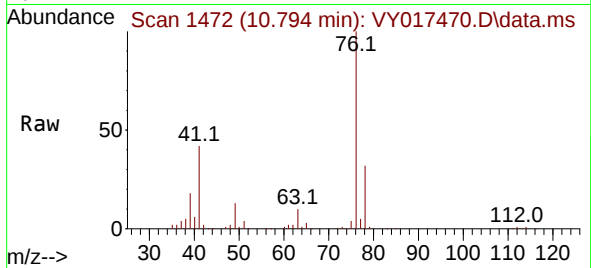
39 27.6 22.9 34.3





#57
1,3-Dichloropropane
Concen: 53.747 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

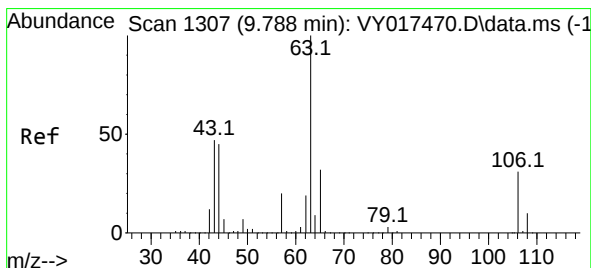
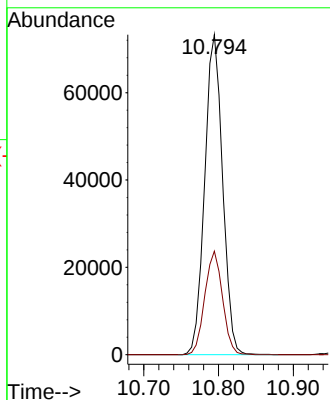
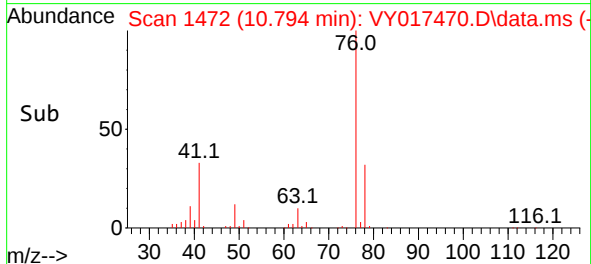
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



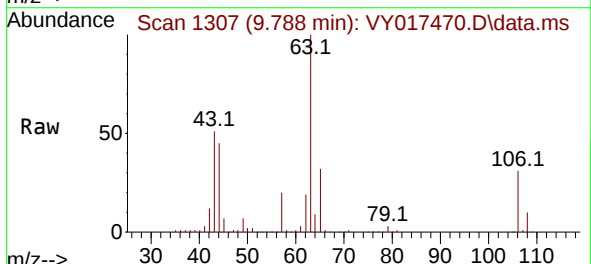
Tgt Ion: 76 Resp: 121760
Ion Ratio Lower Upper
76 100
78 32.0 26.2 39.4

Manual Integrations
APPROVED

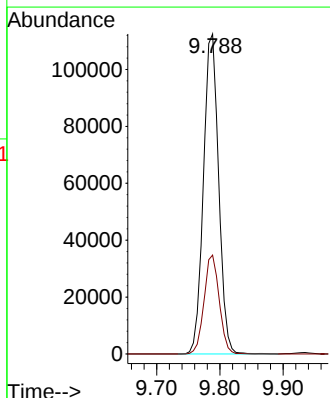
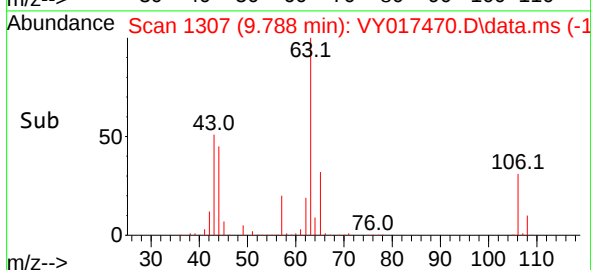
Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024

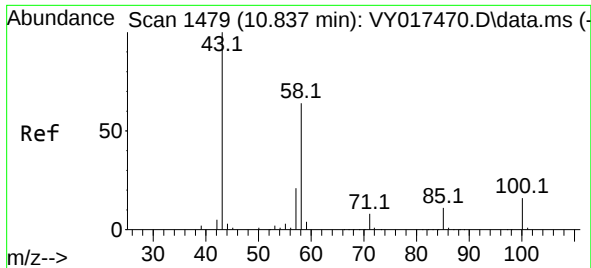


#58
2-Chloroethyl Vinyl ether
Concen: 234.128 ug/l
RT: 9.788 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33



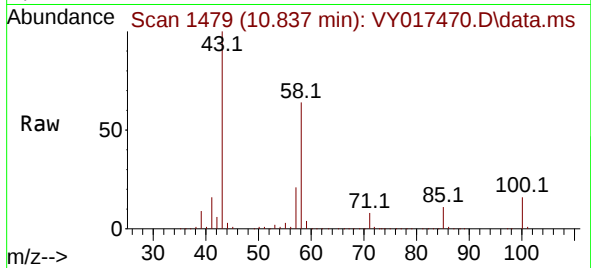
Tgt Ion: 63 Resp: 188260
Ion Ratio Lower Upper
63 100
106 30.8 23.7 35.5





#59
2-Hexanone
Concen: 287.215 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

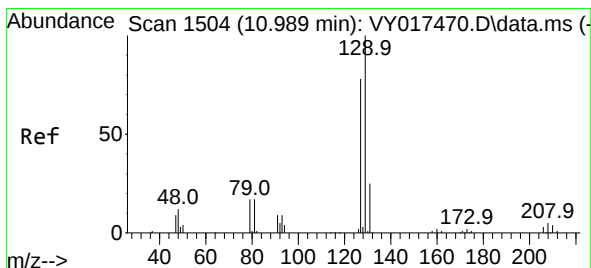
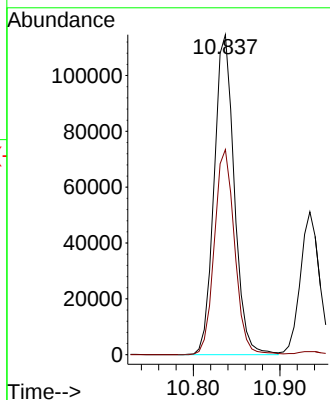
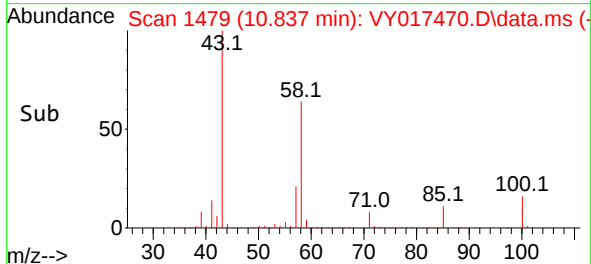
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



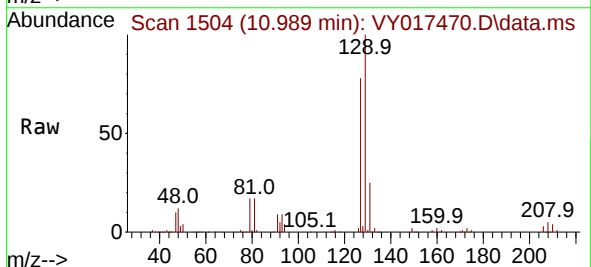
Tgt Ion: 43 Resp: 185220
Ion Ratio Lower Upper
43 100
58 64.4 31.4 94.0

Manual Integrations
APPROVED

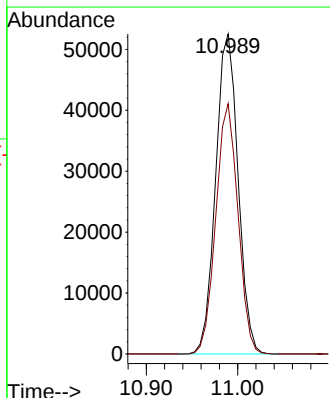
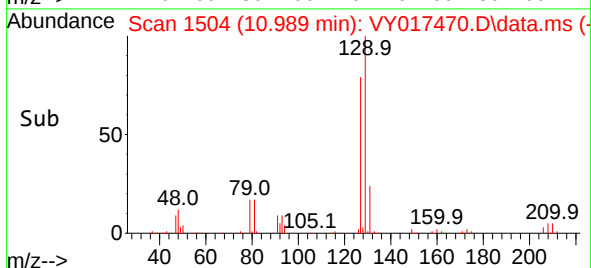
Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024

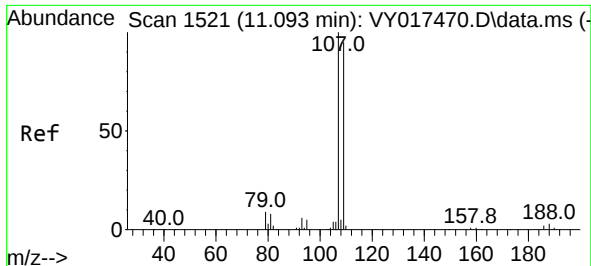


#60
Dibromochloromethane
Concen: 54.311 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33



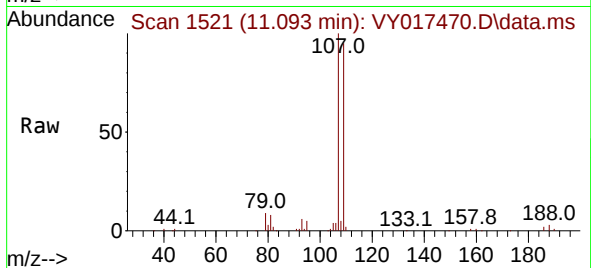
Tgt Ion:129 Resp: 89529
Ion Ratio Lower Upper
129 100
127 77.4 39.0 117.0





#61
1,2-Dibromoethane
Concen: 53.926 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

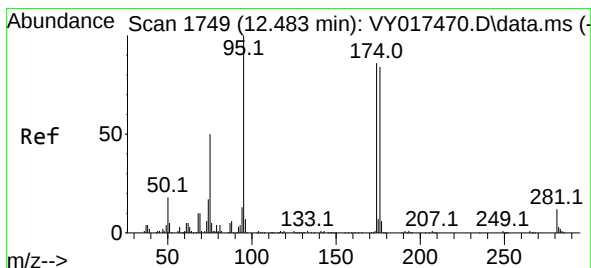
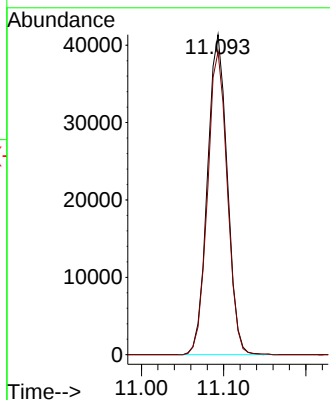
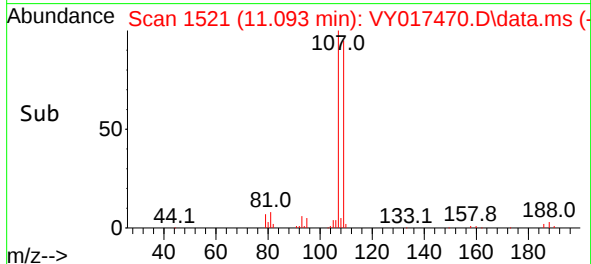
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



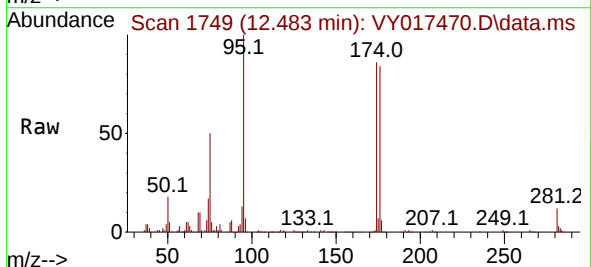
Tgt Ion:107 Resp: 6924
Ion Ratio Lower Upper
107 100
109 94.3 75.9 113.9

Manual Integrations
APPROVED

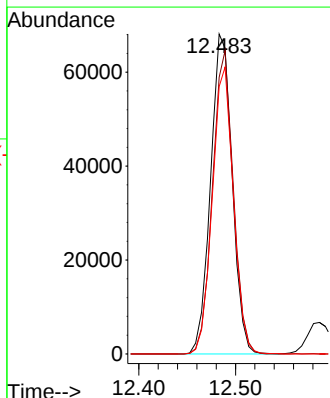
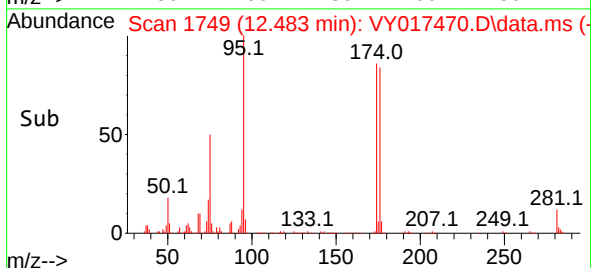
Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024

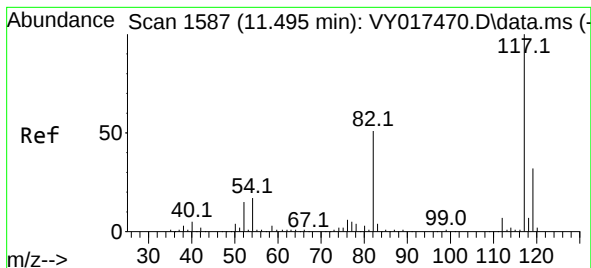


#62
4-Bromofluorobenzene
Concen: 53.368 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33



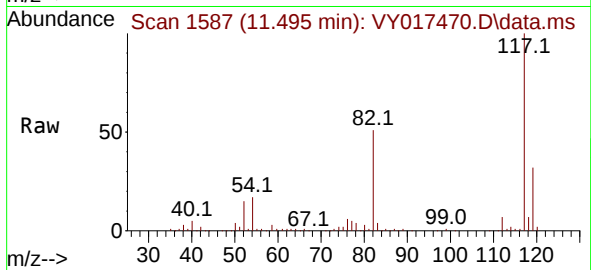
Tgt Ion: 95 Resp: 105493
Ion Ratio Lower Upper
95 100
174 91.5 0.0 175.6
176 87.7 0.0 171.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

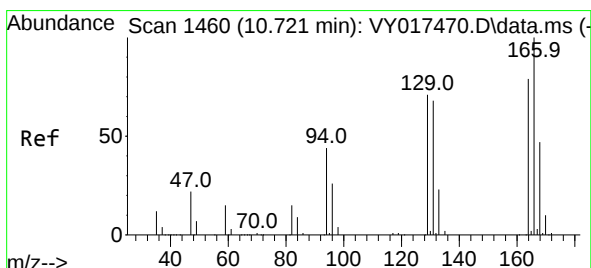
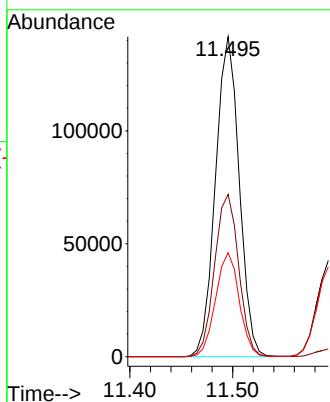
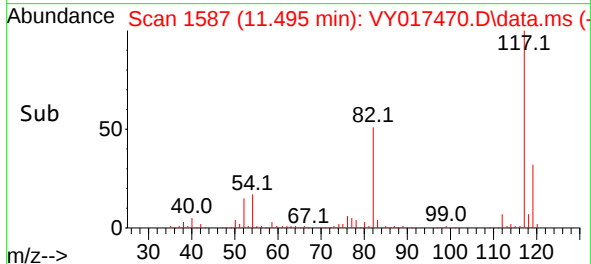
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



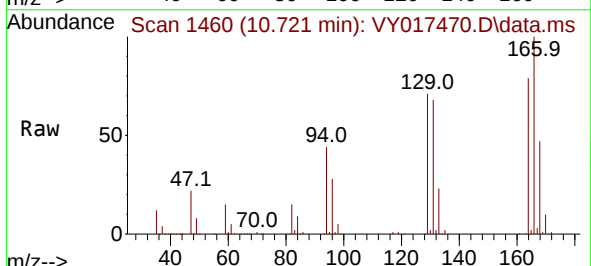
Tgt Ion:117 Resp: 22706
Ion Ratio Lower Upper
117 100
82 50.8 42.4 63.6
119 32.5 25.9 38.9

Manual Integrations
APPROVED

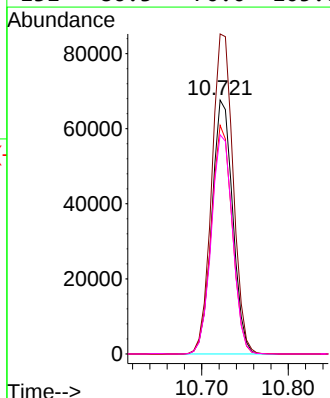
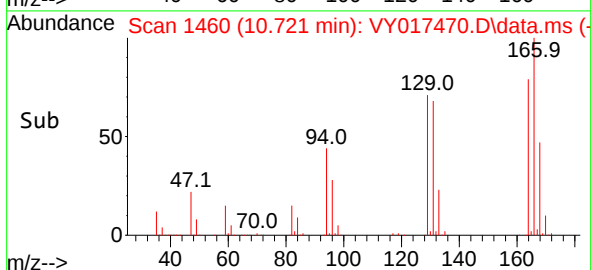
Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024

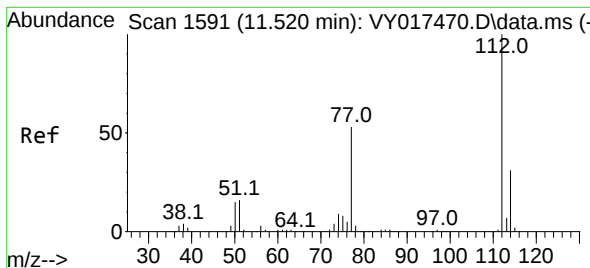


#64
Tetrachloroethene
Concen: 51.993 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33



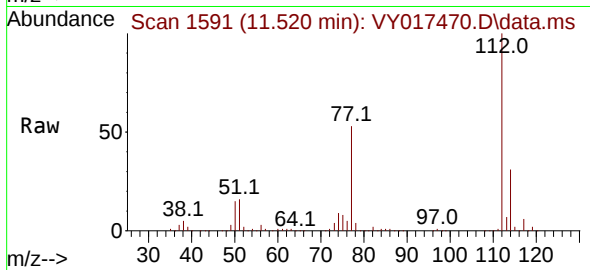
Tgt Ion:164 Resp: 113316
Ion Ratio Lower Upper
164 100
166 126.0 102.6 154.0
129 90.0 72.0 108.0
131 86.3 70.0 105.0





#65
Chlorobenzene
Concen: 52.992 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

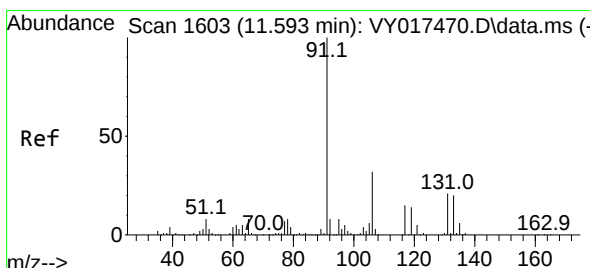
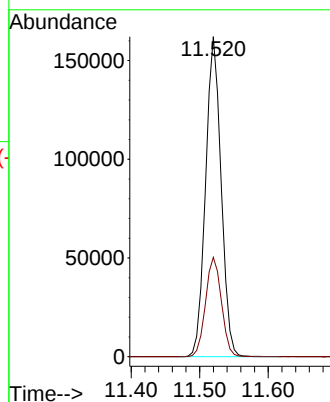
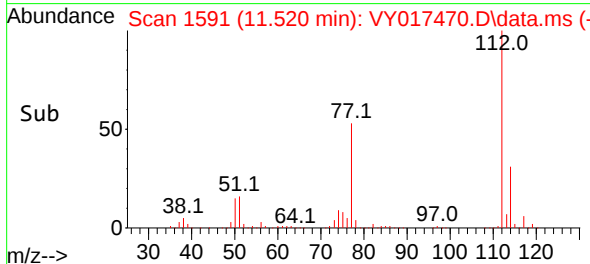
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion:112 Resp: 255409
Ion Ratio Lower Upper
112 100
114 31.0 26.4 39.6

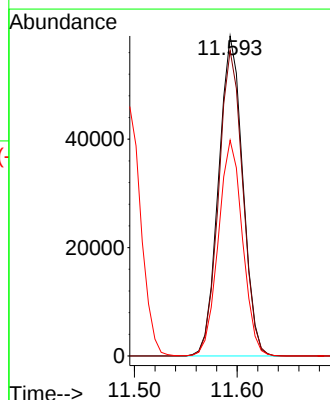
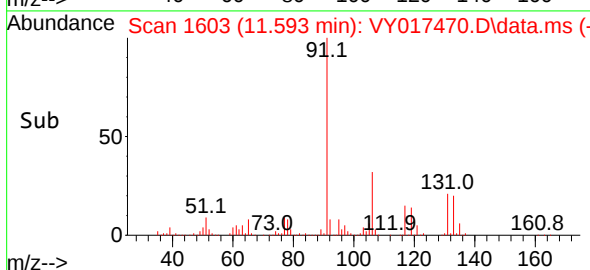
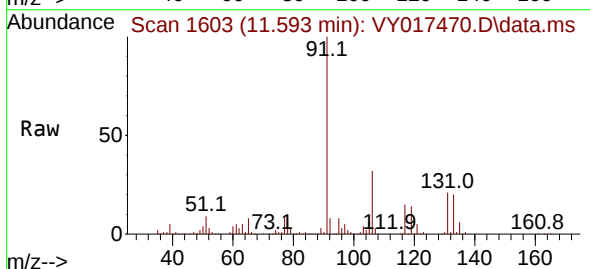
Manual Integrations
APPROVED

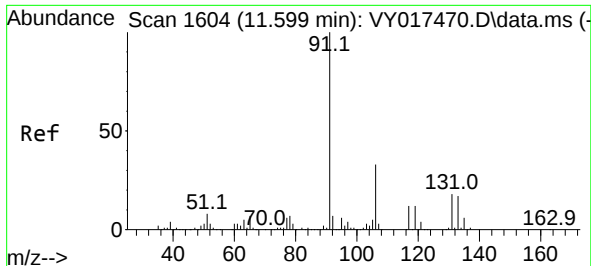
Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 53.338 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

Tgt Ion:131 Resp: 96307
Ion Ratio Lower Upper
131 100
133 95.1 47.8 143.3
119 67.4 34.1 102.2





#67

Ethyl Benzene

Concen: 54.605 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 461548

Ion Ratio Lower Upper

91 100

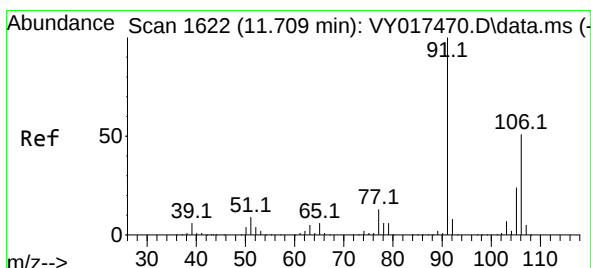
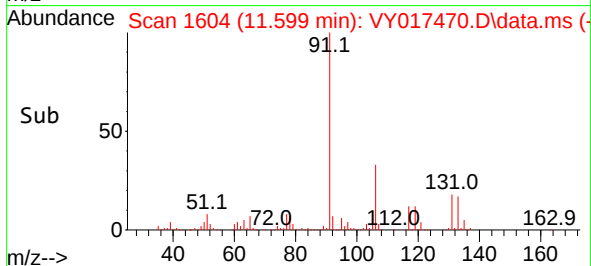
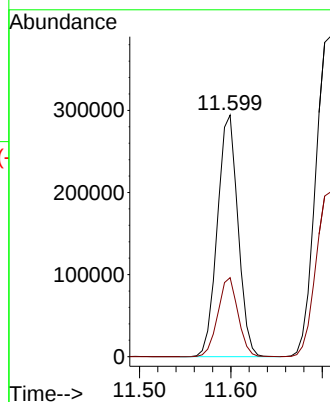
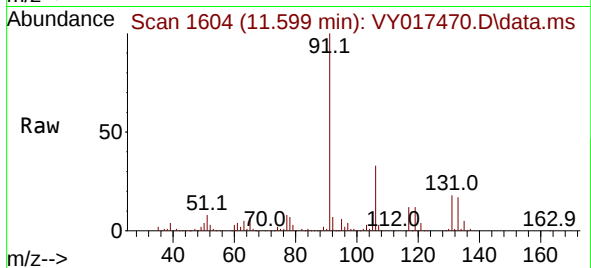
106 32.7 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/26/2024

Supervised By :Semsettin Yesilyurt 02/26/2024



#68

m/p-Xylenes

Concen: 109.475 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY017470.D

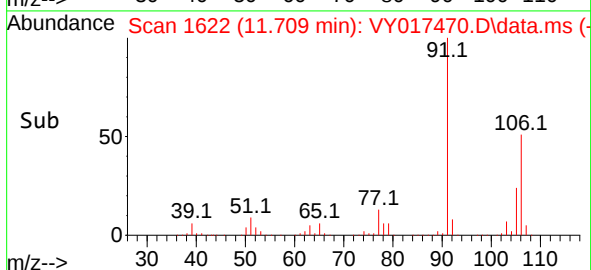
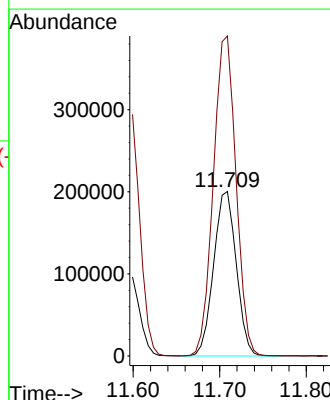
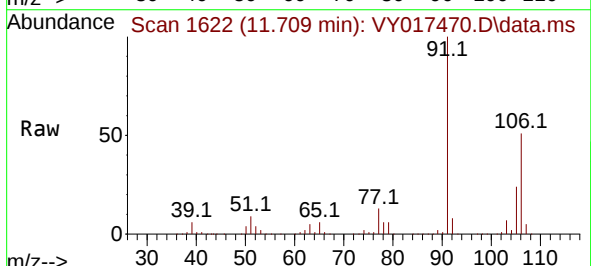
Acq: 23 Feb 2024 17:33

Tgt Ion:106 Resp: 363602

Ion Ratio Lower Upper

106 100

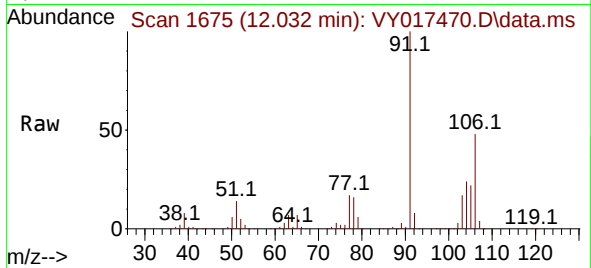
91 194.8 156.0 234.0





#69
o-Xylene
Concen: 55.749 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

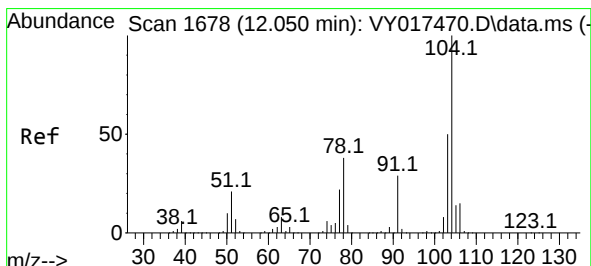
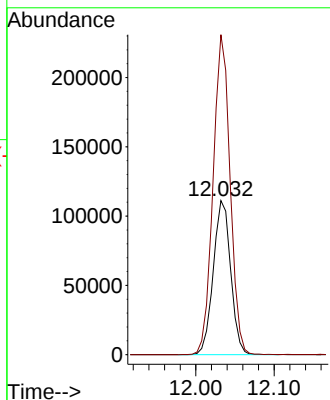
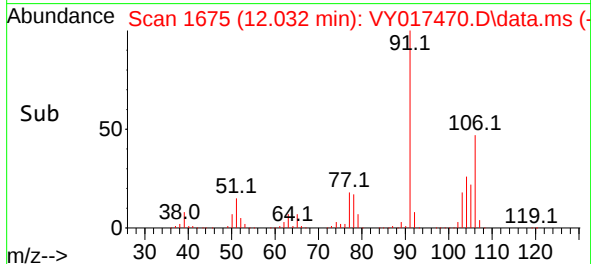
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion:106 Resp: 171780
Ion Ratio Lower Upper
106 100
91 203.4 103.6 310.8

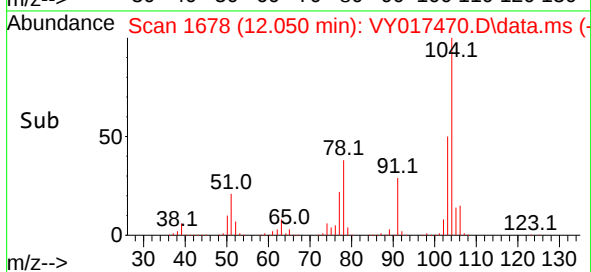
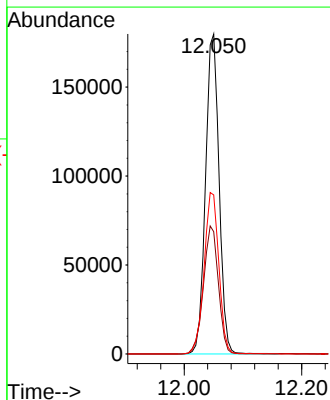
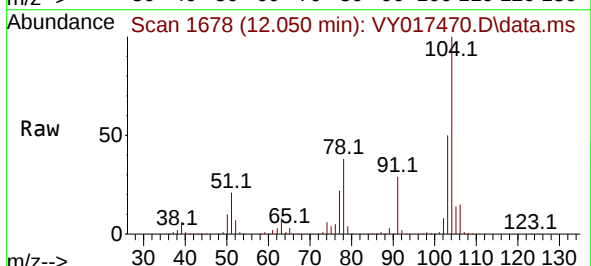
Manual Integrations
APPROVED

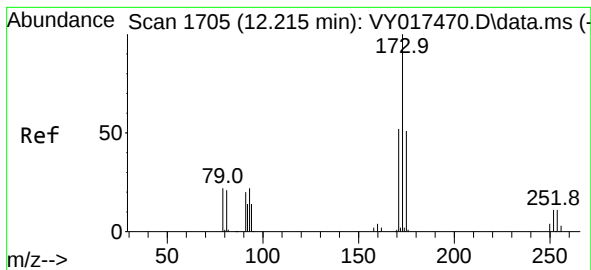
Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#70
Styrene
Concen: 56.414 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

Tgt Ion:104 Resp: 288539
Ion Ratio Lower Upper
104 100
78 44.0 37.0 55.4
103 54.7 44.2 66.2





#71

Bromoform

Concen: 54.690 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

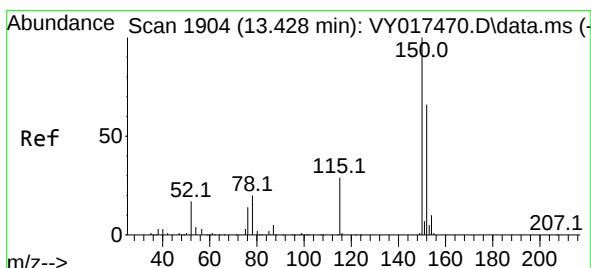
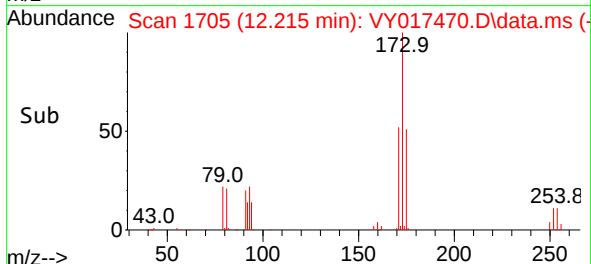
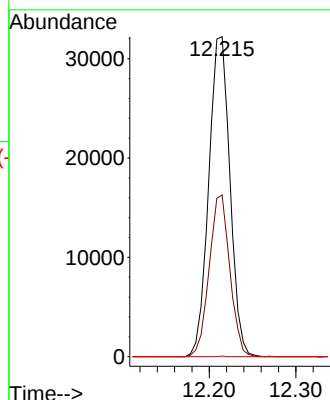
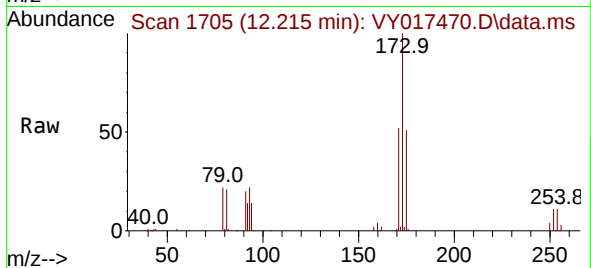
VSTDICCC050

Tgt Ion:173	Resp:	5472
Ion Ratio	Lower	Upper
173	100	
175	49.3	25.1 75.3
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

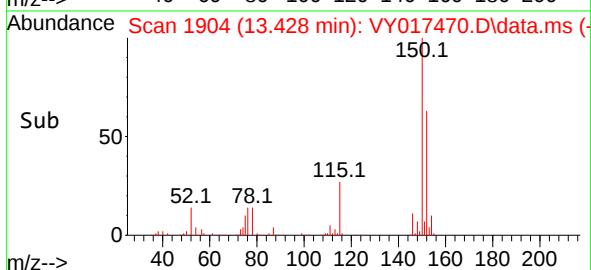
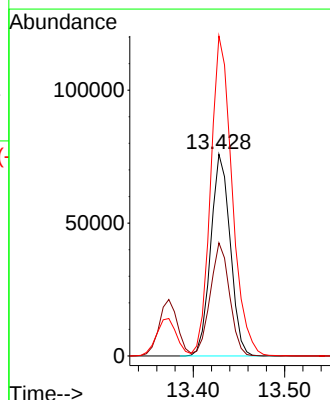
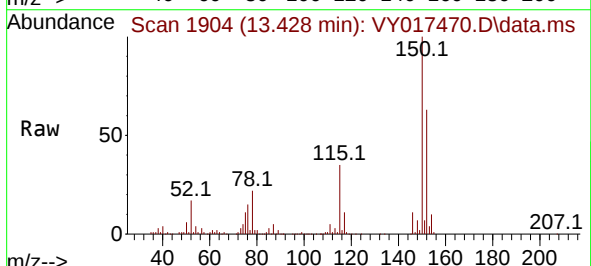
RT: 13.428 min Scan# 1904

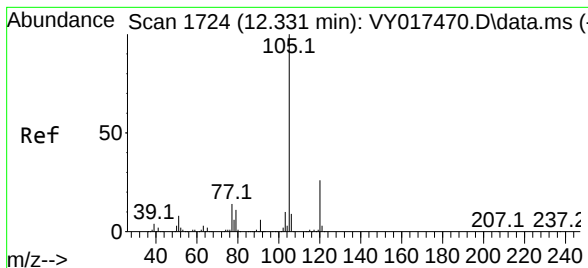
Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Tgt Ion:152	Resp:	112789
Ion Ratio	Lower	Upper
152	100	
115	55.5	28.2 84.7
150	174.7	0.0 345.6





#73

Isopropylbenzene

Concen: 53.118 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion:105 Resp: 44510

Ion Ratio Lower Upper

105 100

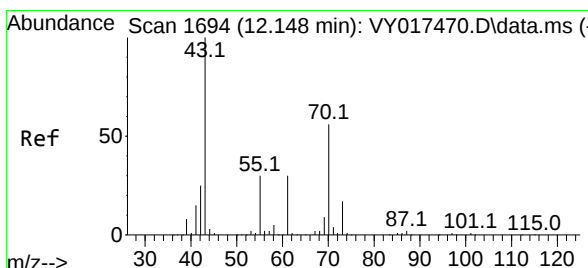
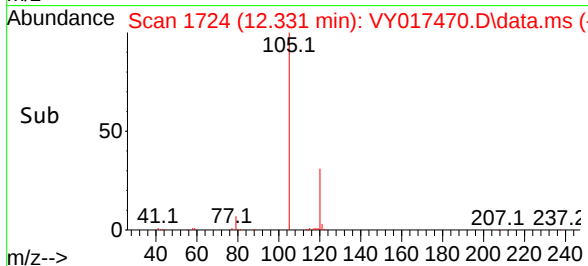
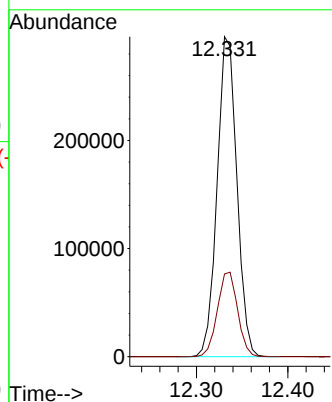
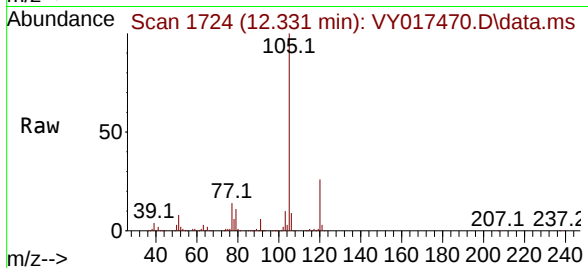
120 27.0 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/26/2024

Supervised By :Semsettin Yesilyurt 02/26/2024



#74

N-ethyl acetate

Concen: 55.741 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Tgt Ion: 43 Resp: 82380

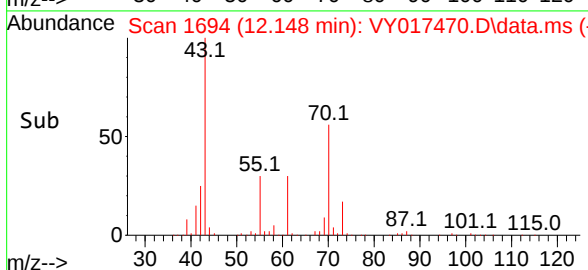
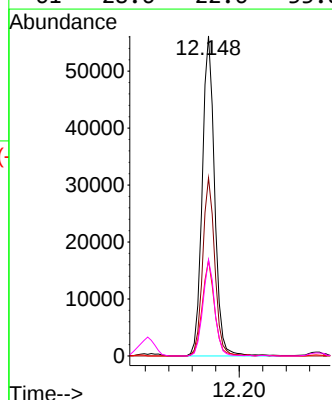
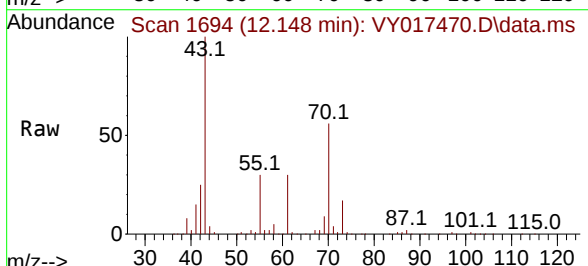
Ion Ratio Lower Upper

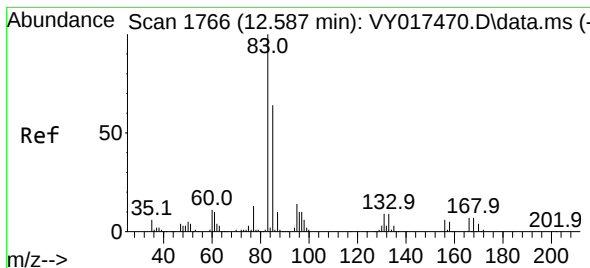
43 100

70 54.5 41.4 62.2

55 29.7 23.3 34.9

61 28.6 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 53.265 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

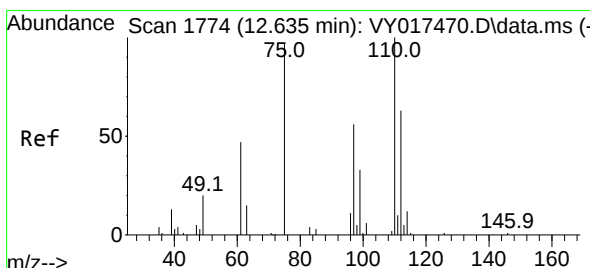
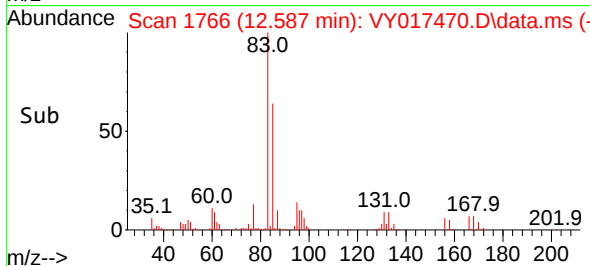
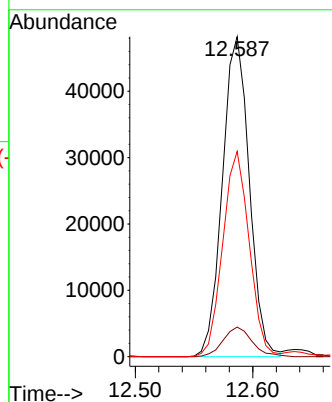
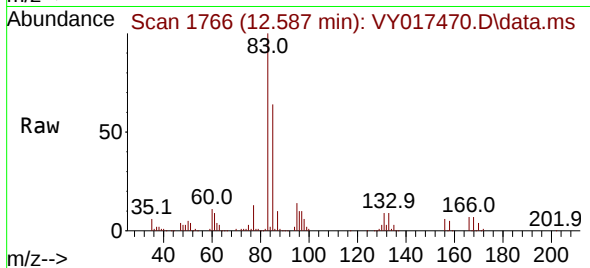
VSTDICCC050

Tgt Ion:	83	Resp:	7664
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.0	14.9
85	63.2	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#76

1,2,3-Trichloropropane

Concen: 51.674 ug/l m

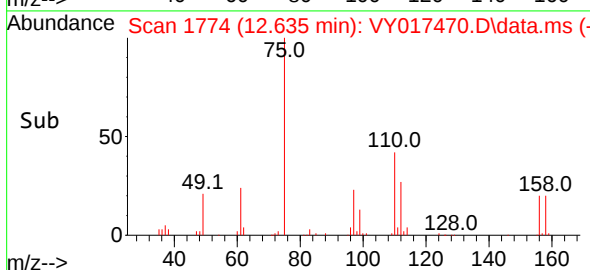
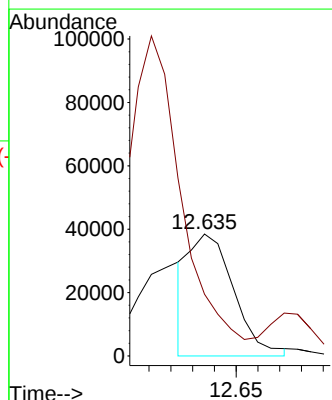
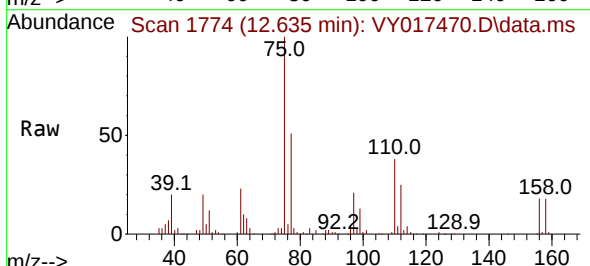
RT: 12.635 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Tgt Ion:	75	Resp:	55377
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.864 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

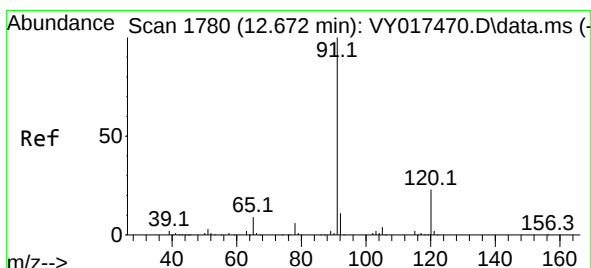
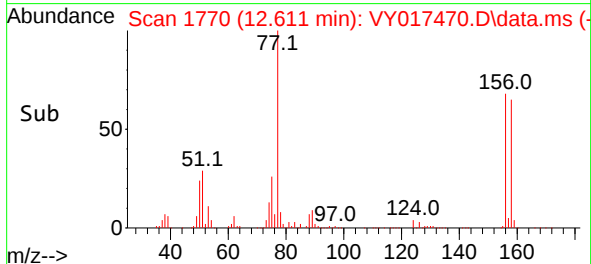
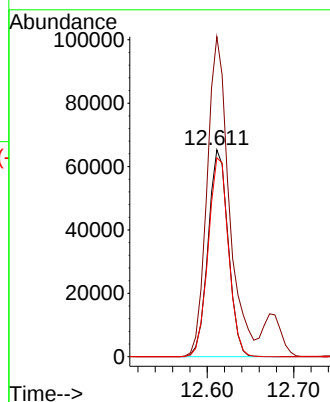
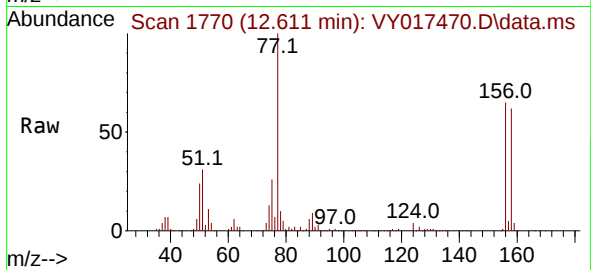
VSTDICCC050

Tgt Ion:	156	Resp:	10524
Ion Ratio	Lower	Upper	
156	100		
77	169.2	87.1	261.3
158	97.2	48.6	145.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#78

n-propylbenzene

Concen: 53.421 ug/l

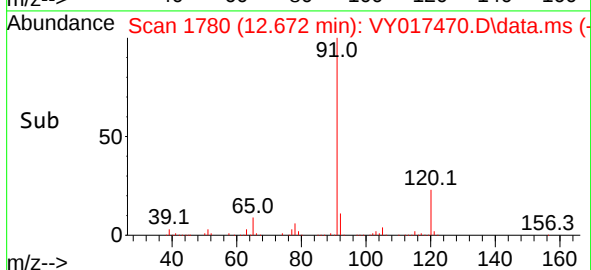
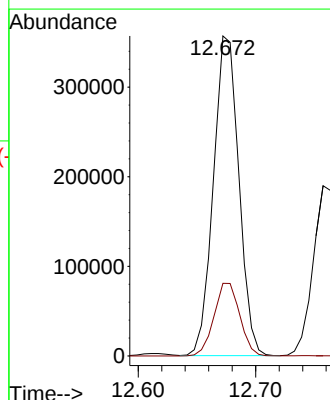
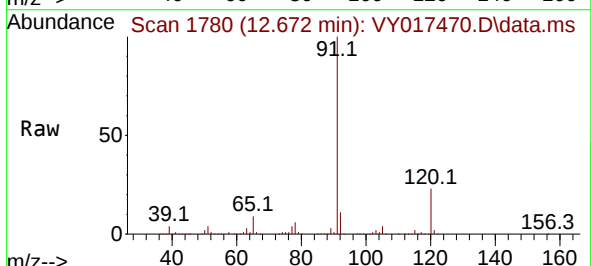
RT: 12.672 min Scan# 1780

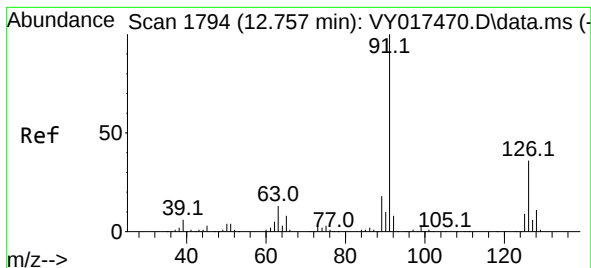
Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Tgt Ion:	91	Resp:	537122
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.5	34.4





#79

2-Chlorotoluene

Concen: 52.212 ug/l

RT: 12.757 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 29391

Ion Ratio Lower Upper

91 100

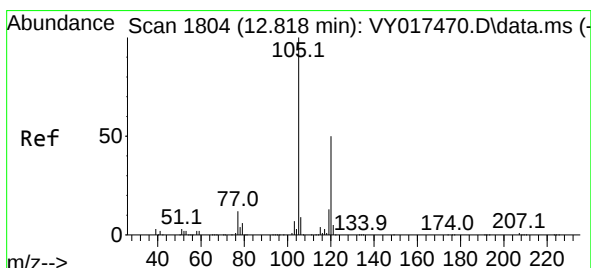
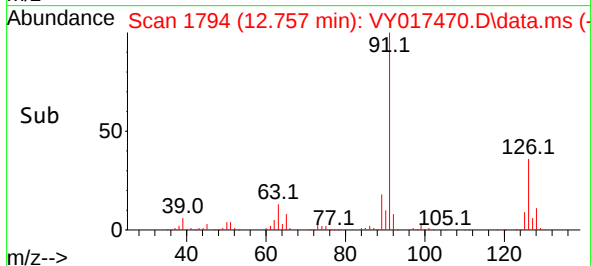
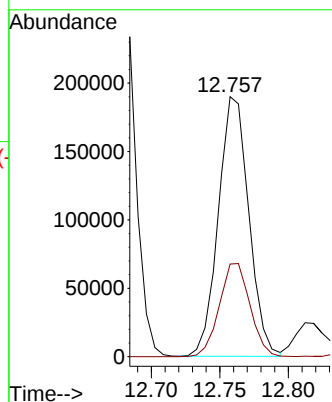
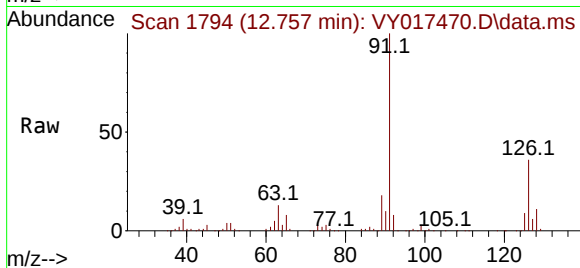
126 36.2 17.8 53.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/26/2024

Supervised By :Semsettin Yesilyurt 02/26/2024



#80

1,3,5-Trimethylbenzene

Concen: 53.809 ug/l

RT: 12.818 min Scan# 1804

Delta R.T. 0.000 min

Lab File: VY017470.D

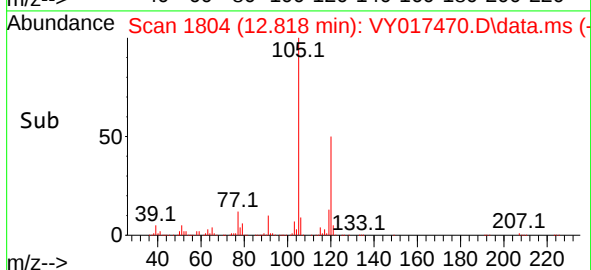
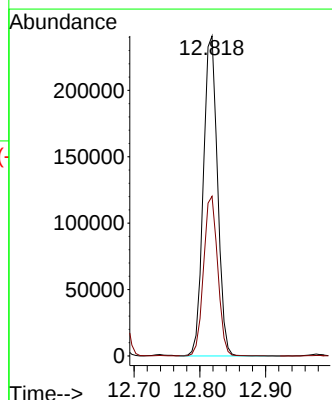
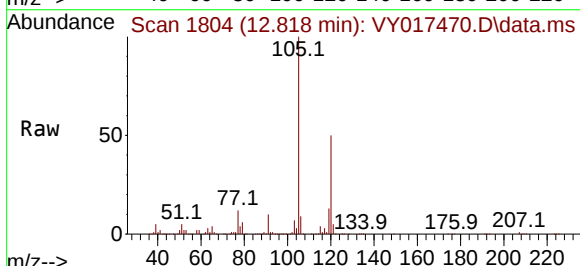
Acq: 23 Feb 2024 17:33

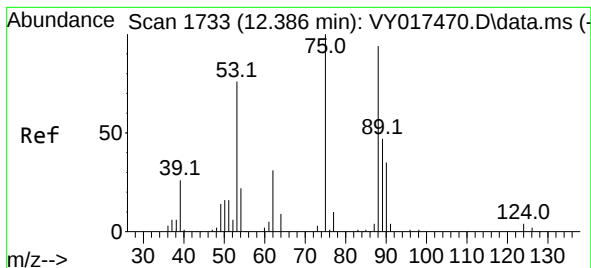
Tgt Ion:105 Resp: 361237

Ion Ratio Lower Upper

105 100

120 49.9 25.1 75.2





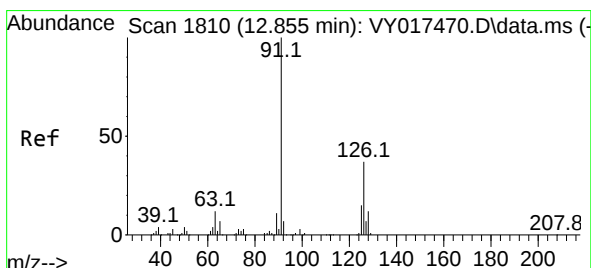
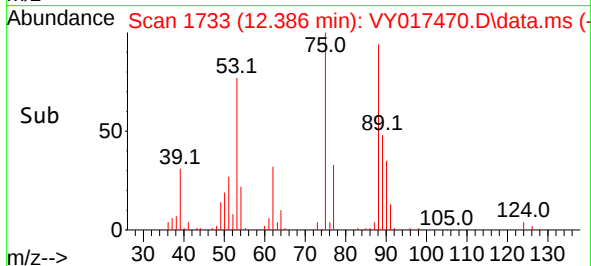
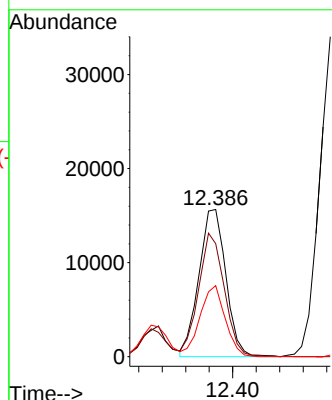
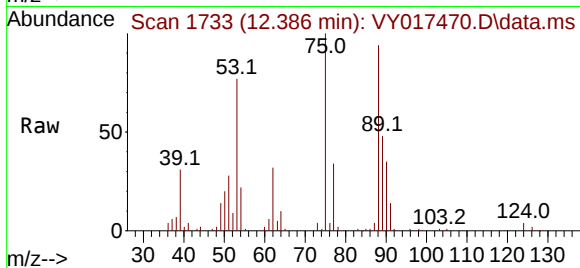
#81
trans-1,4-Dichloro-2-butene
Concen: 53.596 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 2499
Ion Ratio Lower Upper
75 100
53 80.3 66.8 100.2
89 45.1 35.8 53.6

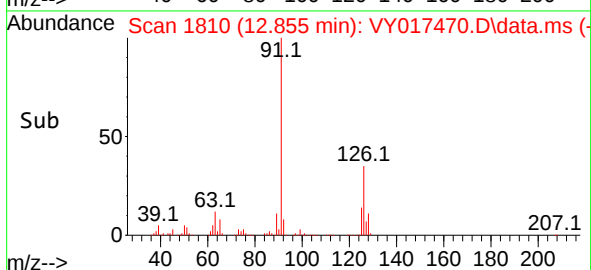
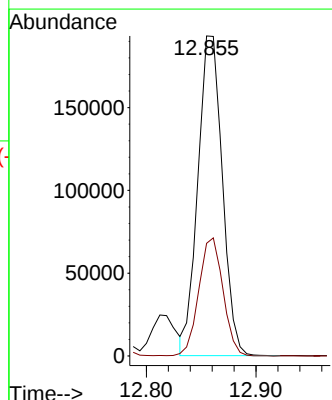
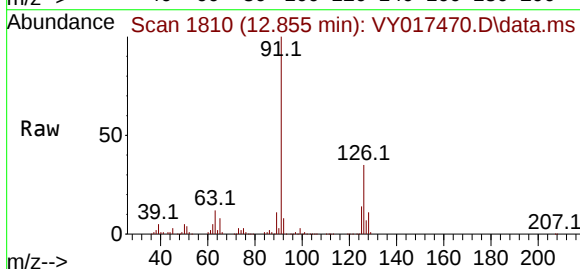
Manual Integrations
APPROVED

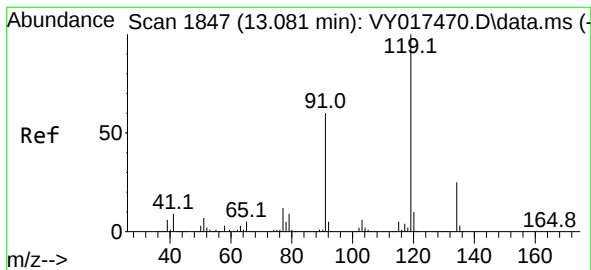
Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#82
4-Chlorotoluene
Concen: 52.049 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

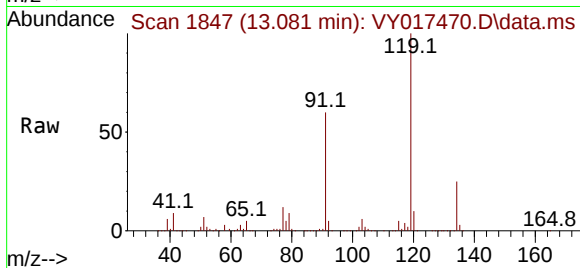
Tgt Ion: 91 Resp: 299686
Ion Ratio Lower Upper
91 100
126 36.6 17.6 52.9





#83
tert-Butylbenzene
Concen: 53.719 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

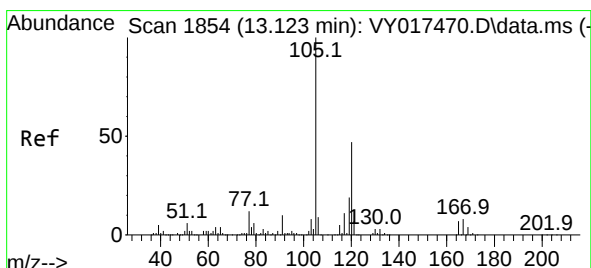
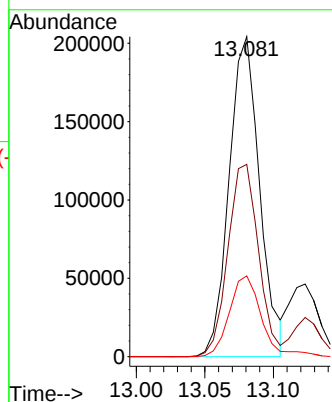
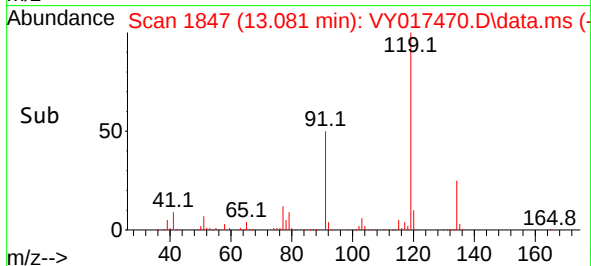
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion:119 Resp: 31667
Ion Ratio Lower Upper
119 100
91 60.2 31.3 93.8
134 26.5 13.4 40.1

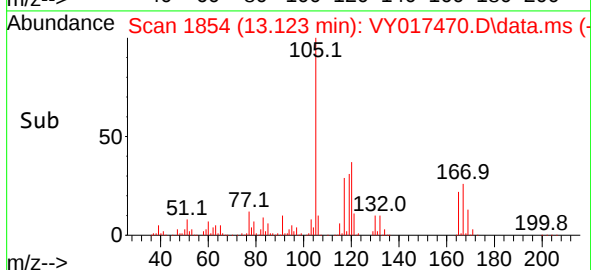
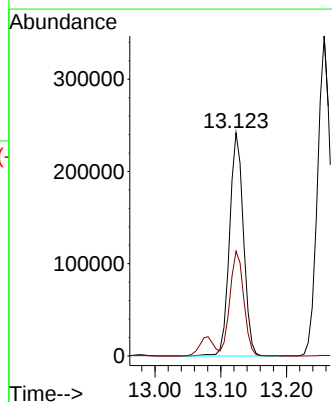
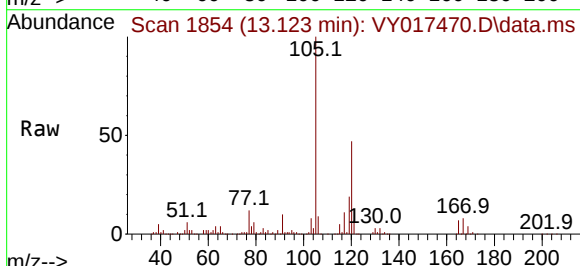
Manual Integrations
APPROVED

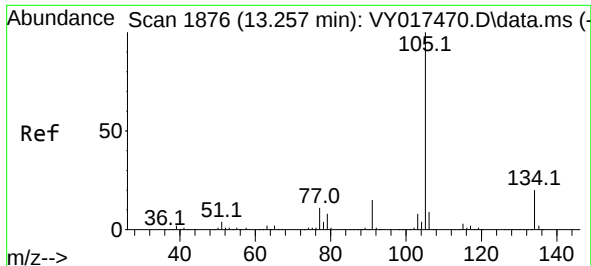
Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#84
1,2,4-Trimethylbenzene
Concen: 53.572 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

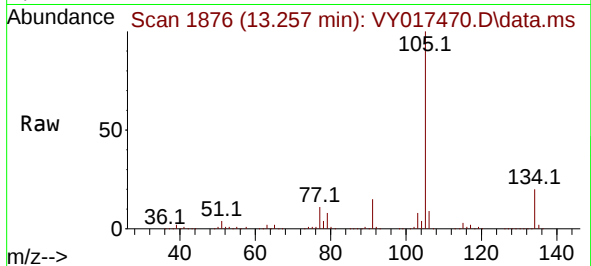
Tgt Ion:105 Resp: 355062
Ion Ratio Lower Upper
105 100
120 46.6 23.2 69.6





#85
 sec-Butylbenzene
 Concen: 53.797 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VY017470.D
 Acq: 23 Feb 2024 17:33

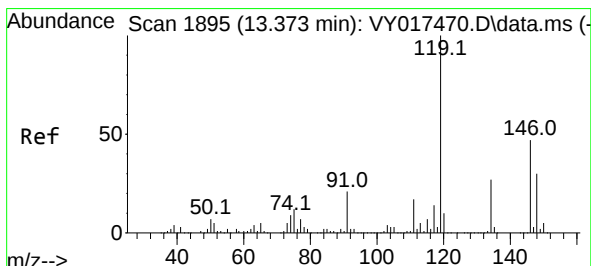
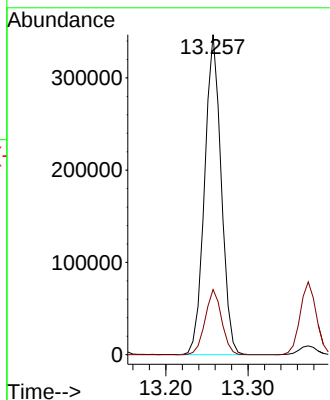
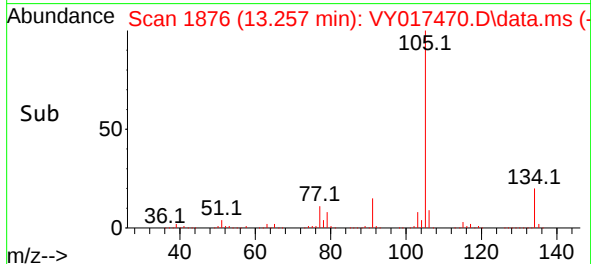
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050



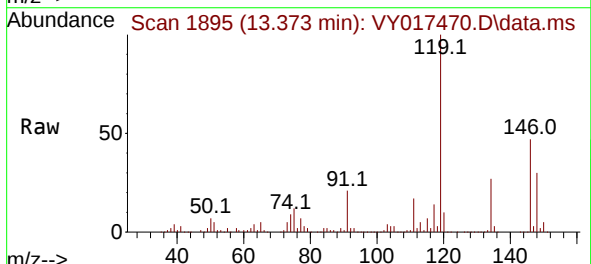
Tgt Ion:105 Resp: 484870
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.1

Manual Integrations
 APPROVED

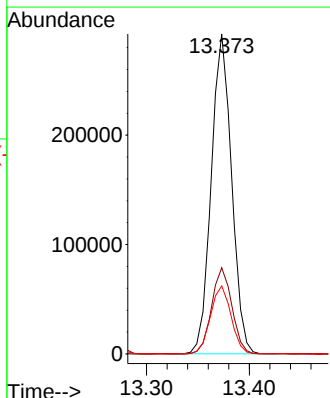
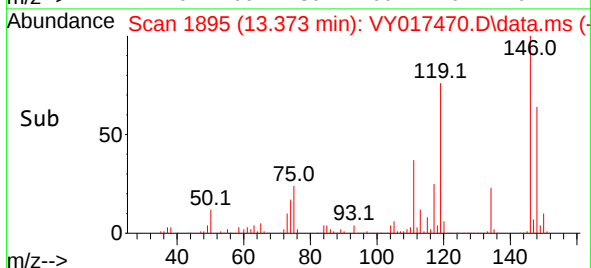
Reviewed By :Mahesh Dadoda 02/26/2024
 Supervised By :Semsettin Yesilyurt 02/26/2024



#86
 p-Isopropyltoluene
 Concen: 54.338 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY017470.D
 Acq: 23 Feb 2024 17:33



Tgt Ion:119 Resp: 400910
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.1 39.3
 91 21.5 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 52.171 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 212500

Ion Ratio Lower Upper

146 100

111 36.9 19.0 57.0

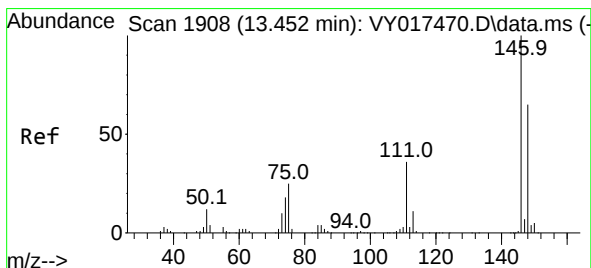
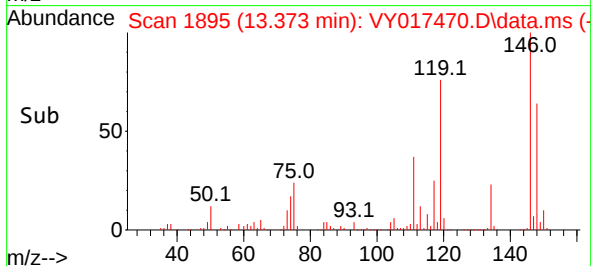
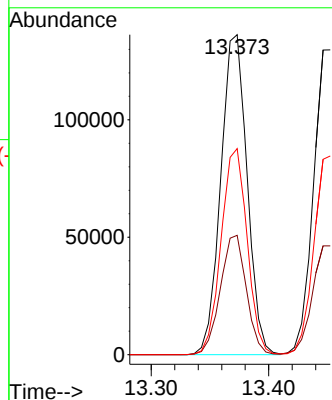
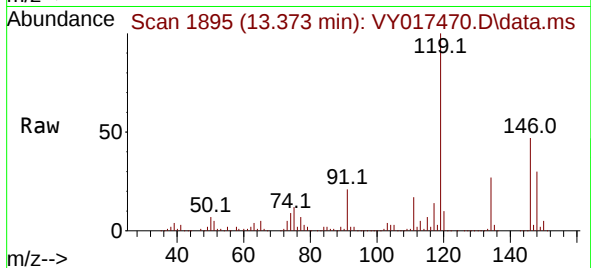
148 63.7 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/26/2024

Supervised By :Semsettin Yesilyurt 02/26/2024



#88

1,4-Dichlorobenzene

Concen: 52.421 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

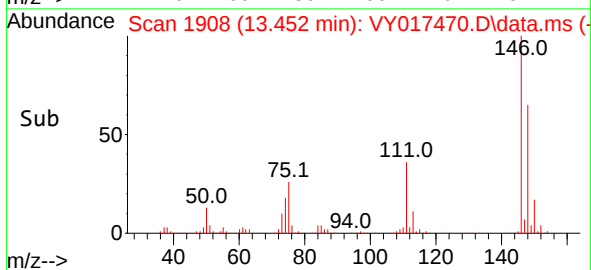
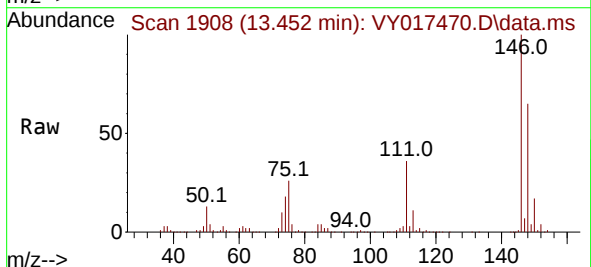
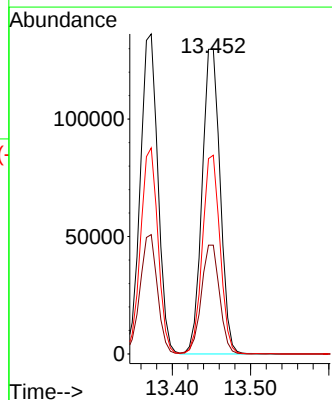
Tgt Ion:146 Resp: 207582

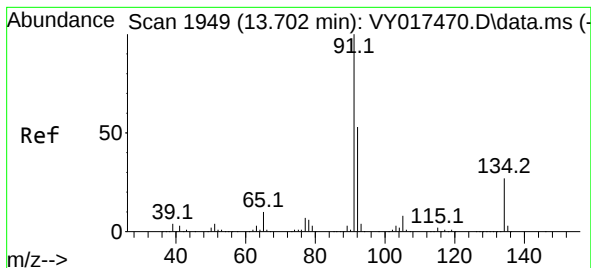
Ion Ratio Lower Upper

146 100

111 36.0 18.4 55.4

148 63.8 32.4 97.2





#89

n-Butylbenzene

Concen: 54.933 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

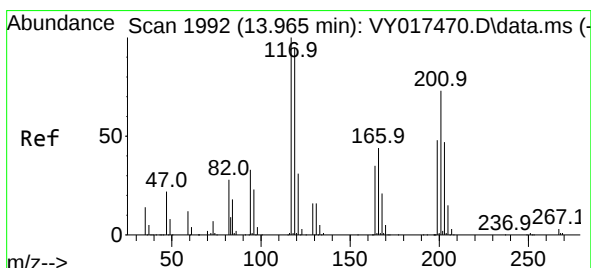
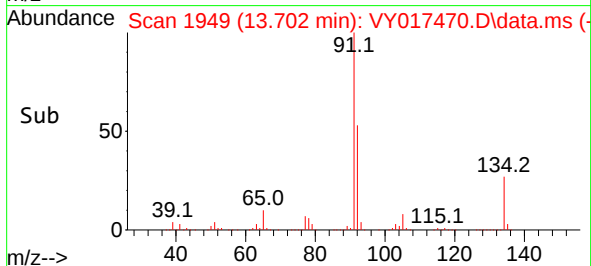
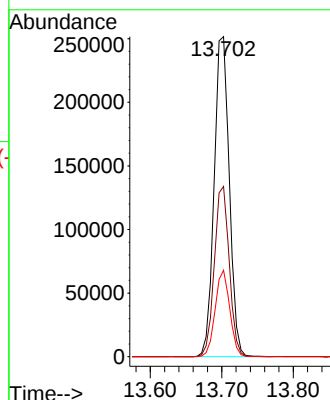
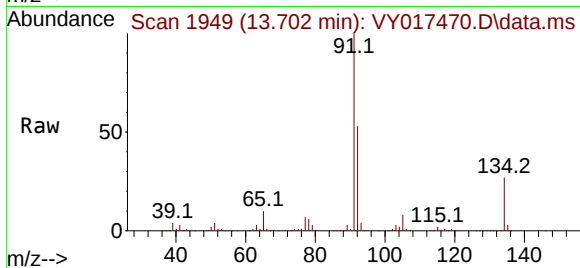
Tgt Ion: 91 Resp: 369780

Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.6	79.7
134	26.0	12.9	38.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#90

Hexachloroethane

Concen: 51.843 ug/l

RT: 13.965 min Scan# 1992

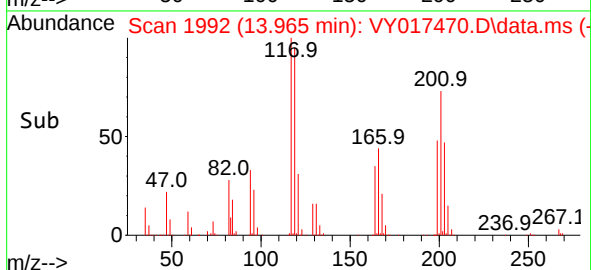
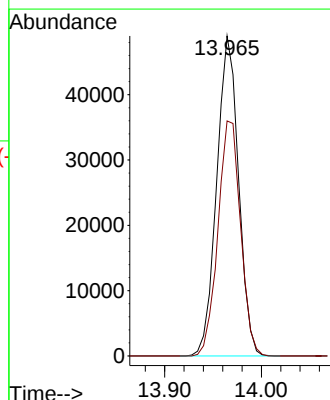
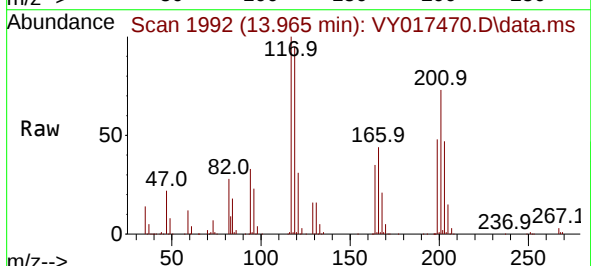
Delta R.T. 0.000 min

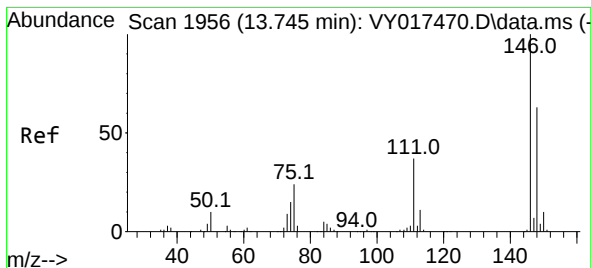
Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Tgt Ion:117 Resp: 76684

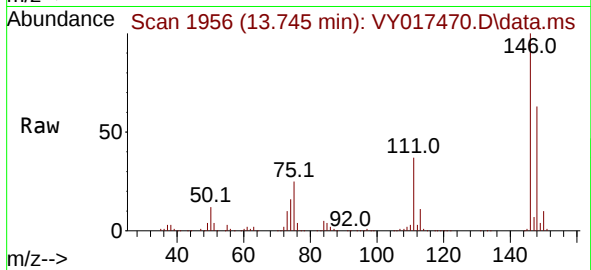
Ion	Ratio	Lower	Upper
117	100		
201	76.2	37.4	112.2





#91
1,2-Dichlorobenzene
Concen: 53.306 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33

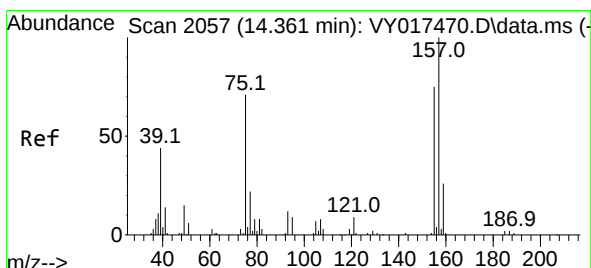
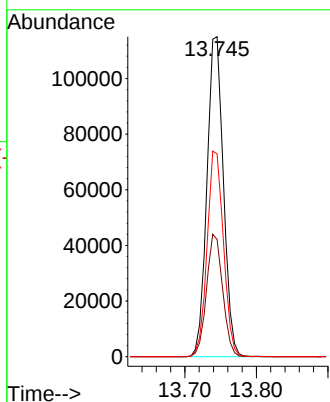
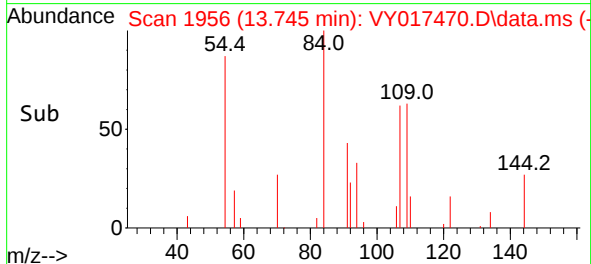
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



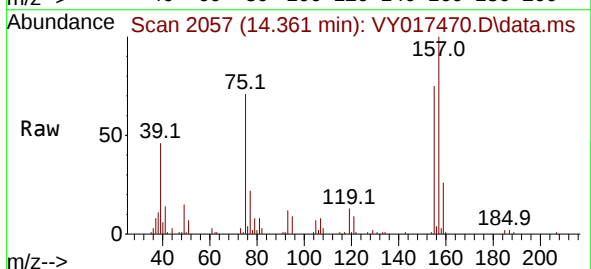
Tgt Ion:146 Resp: 18365
Ion Ratio Lower Upper
146 100
111 37.6 19.9 59.7
148 63.9 31.8 95.4

Manual Integrations
APPROVED

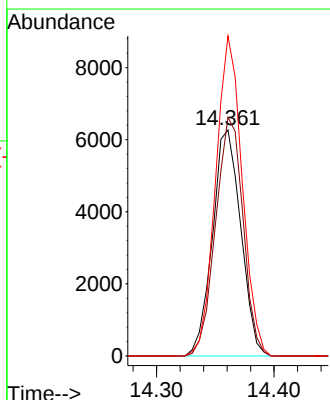
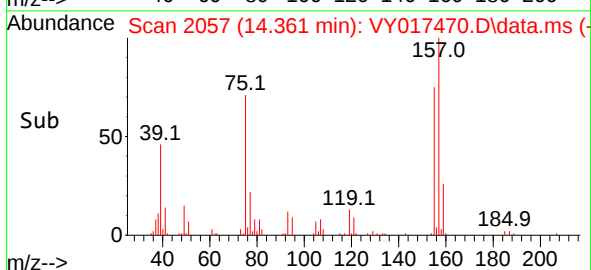
Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024

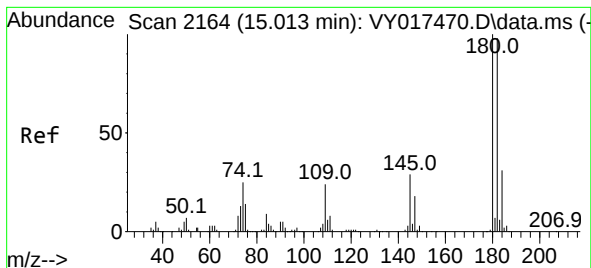


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.841 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY017470.D
Acq: 23 Feb 2024 17:33



Tgt Ion: 75 Resp: 10487
Ion Ratio Lower Upper
75 100
155 102.1 48.6 145.8
157 132.7 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 55.229 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

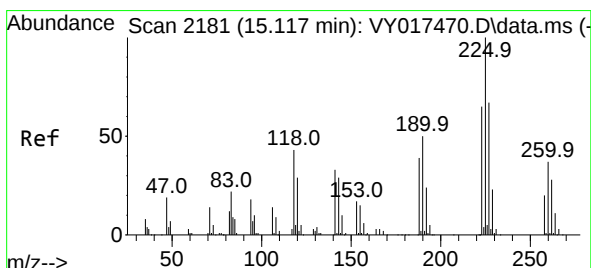
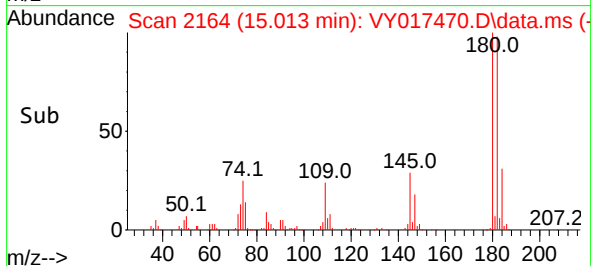
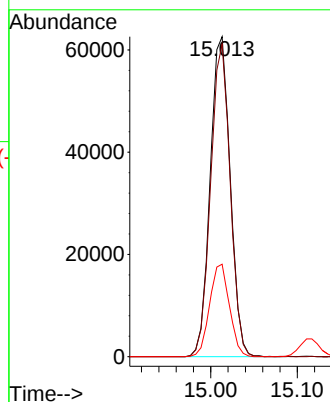
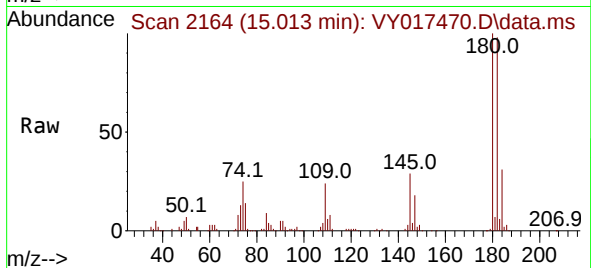
VSTDICCC050

Tgt Ion:180	Resp: 10050
Ion Ratio	Lower Upper
180	100
182	95.3 47.9 143.8
145	28.6 14.2 42.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#94

Hexachlorobutadiene

Concen: 51.590 ug/l

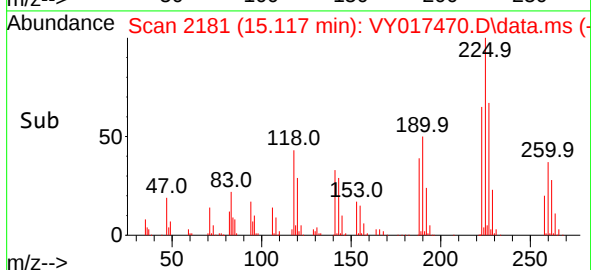
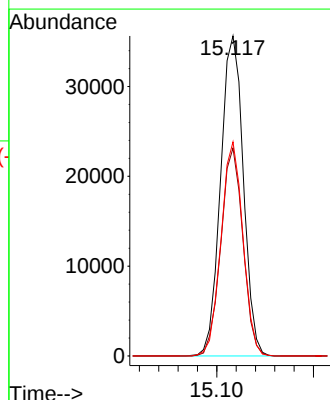
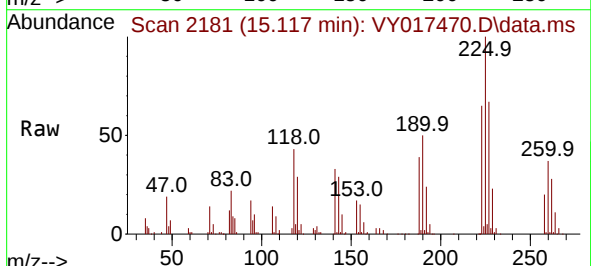
RT: 15.117 min Scan# 2181

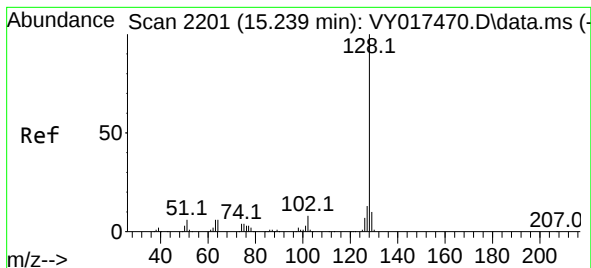
Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Tgt Ion:225	Resp: 57965
Ion Ratio	Lower Upper
225	100
223	62.9 30.4 91.2
227	64.5 31.9 95.9





#95

Naphthalene

Concen: 50.960 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

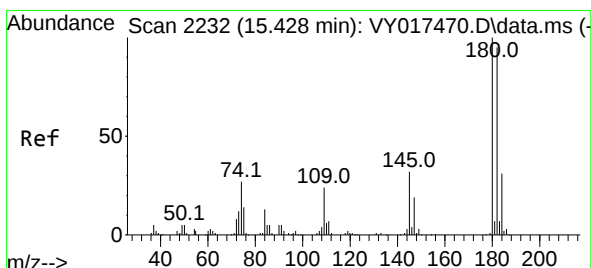
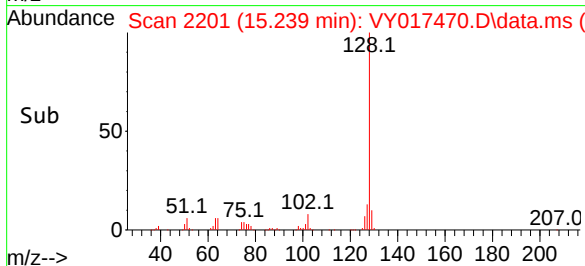
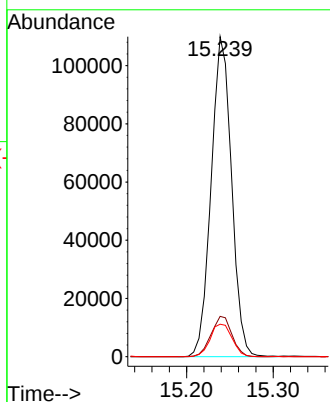
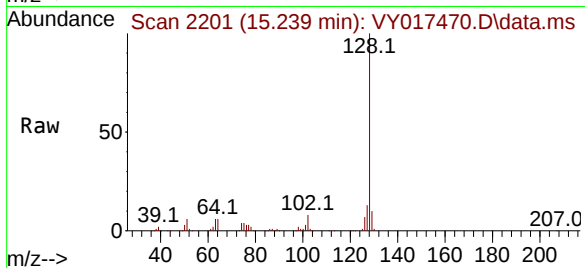
VSTDICCC050

Tgt Ion:128	Resp: 17998
Ion Ratio	Lower Upper
128 100	
127 12.9	10.6 16.0
129 11.0	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#96

1,2,3-Trichlorobenzene

Concen: 55.303 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY017470.D

Acq: 23 Feb 2024 17:33

Tgt Ion:180	Resp: 86338
Ion Ratio	Lower Upper
180 100	
182 94.0	47.6 142.9
145 29.9	15.4 46.1

