

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072723\
 Data File : VY014895.D
 Acq On : 27 Jul 2023 20:19
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/28/2023
 Supervised By : Mahesh Dadoda 07/28/2023

Quant Time: Jul 28 02:39:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	188892	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	323851	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	297369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	153644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	100546	46.711	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.420%		
35) Dibromofluoromethane	7.710	113	90487	43.893	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.780%		
50) Toluene-d8	10.173	98	322522	42.434	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	84.860%		
62) 4-Bromofluorobenzene	12.477	95	121291	41.619	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	83.240%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	59175	38.452	ug/l	99
3) Chloromethane	2.107	50	94129	54.413	ug/l	96
4) Vinyl Chloride	2.241	62	108365	56.050	ug/l	97
5) Bromomethane	2.625	94	87292	68.322	ug/l	98
6) Chloroethane	2.778	64	74803	61.941	ug/l	98
7) Trichlorofluoromethane	3.107	101	154969	47.726	ug/l	98
8) Diethyl Ether	3.521	74	62894	52.059	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.887	101	90689	45.567	ug/l	96
10) Methyl Iodide	4.082	142	73933	35.752	ug/l	98
11) Tert butyl alcohol	4.948	59	112962	254.878	ug/l #	83
12) 1,1-Dichloroethene	3.857	96	86664	46.591	ug/l	91
13) Acrolein	3.717	56	38416	170.754	ug/l	99
14) Allyl chloride	4.466	41	140468	42.531	ug/l	97
15) Acrylonitrile	5.149	53	196205	294.509	ug/l	99
16) Acetone	3.942	43	160649	235.521	ug/l	94
17) Carbon Disulfide	4.180	76	212373	39.879	ug/l	98
18) Methyl Acetate	4.466	43	173690	66.355	ug/l	93
19) Methyl tert-butyl Ether	5.210	73	322632	53.395	ug/l	98
20) Methylene Chloride	4.698	84	120082	54.579	ug/l	88
21) trans-1,2-Dichloroethene	5.204	96	100073	47.407	ug/l	96
22) Diisopropyl ether	6.106	45	333439	49.658	ug/l	93
23) Vinyl Acetate	6.045	43	960808	239.109	ug/l	96
24) 1,1-Dichloroethane	6.003	63	189089	49.215	ug/l	97
25) 2-Butanone	6.978	43	276108	276.687	ug/l	96
26) 2,2-Dichloropropane	6.972	77	133720	36.519	ug/l	98
27) cis-1,2-Dichloroethene	6.972	96	125736	51.173	ug/l	92
28) Bromochloromethane	7.326	49	79353	47.956	ug/l	93
29) Tetrahydrofuran	7.338	42	185211	301.418	ug/l	92
30) Chloroform	7.496	83	205173	51.786	ug/l	96
31) Cyclohexane	7.777	56	141205	39.518	ug/l	90
32) 1,1,1-Trichloroethane	7.691	97	173873	48.761	ug/l	99
36) 1,1-Dichloropropene	7.911	75	140503	45.573	ug/l	100
37) Ethyl Acetate	7.063	43	115735	54.524	ug/l	96
38) Carbon Tetrachloride	7.893	117	151882	46.604	ug/l	98
39) Methylcyclohexane	9.179	83	164139	40.866	ug/l	94
40) Benzene	8.155	78	424313	48.392	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072723\
 Data File : VY014895.D
 Acq On : 27 Jul 2023 20:19
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/28/2023
 Supervised By : Mahesh Dadoda 07/28/2023

Quant Time: Jul 28 02:39:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	62512m	57.256	ug/l	
42) 1,2-Dichloroethane	8.228	62	146383	52.719	ug/l	96
43) Isopropyl Acetate	8.265	43	211819	52.386	ug/l	97
44) Trichloroethene	8.935	130	119541	48.727	ug/l	94
45) 1,2-Dichloropropane	9.209	63	109331	47.752	ug/l	99
46) Dibromomethane	9.301	93	73000	52.557	ug/l	96
47) Bromodichloromethane	9.490	83	166112	50.742	ug/l	98
48) Methyl methacrylate	9.289	41	97052	53.342	ug/l	94
49) 1,4-Dioxane	9.295	88	28351	1251.787	ug/l #	54
51) 4-Methyl-2-Pentanone	10.063	43	619440	291.779	ug/l	94
52) Toluene	10.240	92	273145	48.682	ug/l	94
53) t-1,3-Dichloropropene	10.459	75	163707	45.717	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	177395	45.555	ug/l	94
55) 1,1,2-Trichloroethane	10.636	97	104292	53.903	ug/l	97
56) Ethyl methacrylate	10.502	69	154376	52.258	ug/l	90
57) 1,3-Dichloropropane	10.782	76	173786	52.077	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	325498	236.477	ug/l	93
59) 2-Hexanone	10.825	43	452831	292.490	ug/l	92
60) Dibromochloromethane	10.977	129	123666	52.132	ug/l	99
61) 1,2-Dibromoethane	11.081	107	102153	52.925	ug/l	100
64) Tetrachloroethene	10.715	164	128642	53.788	ug/l	97
65) Chlorobenzene	11.514	112	305531	48.215	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	119514	50.021	ug/l	99
67) Ethyl Benzene	11.587	91	535563	46.810	ug/l	99
68) m/p-Xylenes	11.697	106	407721	93.355	ug/l	96
69) o-Xylene	12.026	106	201949	47.474	ug/l	99
70) Styrene	12.038	104	349303	48.720	ug/l	98
71) Bromoform	12.203	173	85119	52.558	ug/l #	99
73) Isopropylbenzene	12.325	105	524589	43.605	ug/l	99
74) N-amyl acetate	12.136	43	184746	45.852	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.575	83	135441	49.369	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	108361m	55.842	ug/l	
77) Bromobenzene	12.605	156	131011	47.707	ug/l	98
78) n-propylbenzene	12.666	91	630251	43.475	ug/l	100
79) 2-Chlorotoluene	12.751	91	365393	43.760	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	440580	43.851	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	38606	38.520	ug/l	97
82) 4-Chlorotoluene	12.849	91	379607	44.143	ug/l	100
83) tert-Butylbenzene	13.069	119	386252	43.338	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	445643	45.197	ug/l	98
85) sec-Butylbenzene	13.245	105	571660	43.725	ug/l	100
86) p-Isopropyltoluene	13.361	119	480857	45.047	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	254314	47.583	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	255766	47.755	ug/l	99
89) n-Butylbenzene	13.690	91	448365	43.173	ug/l	96
90) Hexachloroethane	13.953	117	95066	43.359	ug/l	89
91) 1,2-Dichlorobenzene	13.733	146	239784	48.968	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	27575	52.558	ug/l	94
93) 1,2,4-Trichlorobenzene	15.001	180	154487	49.699	ug/l	99
94) Hexachlorobutadiene	15.105	225	78280	45.826	ug/l	99
95) Naphthalene	15.227	128	398404	55.014	ug/l	99
96) 1,2,3-Trichlorobenzene	15.416	180	142247	51.490	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072723\
Data File : VY014895.D
Acq On : 27 Jul 2023 20:19
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

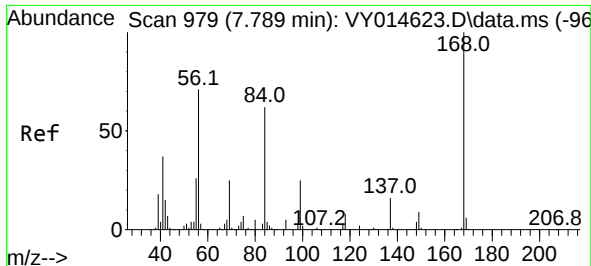
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

Quant Time: Jul 28 02:39:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration

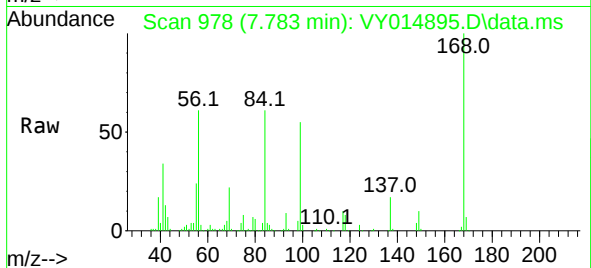
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

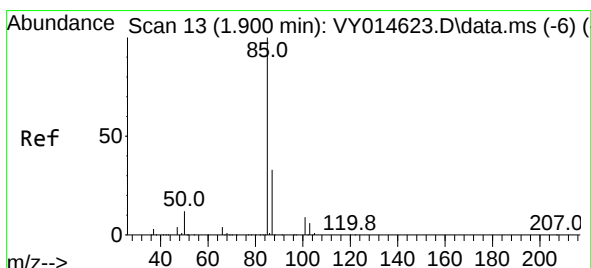
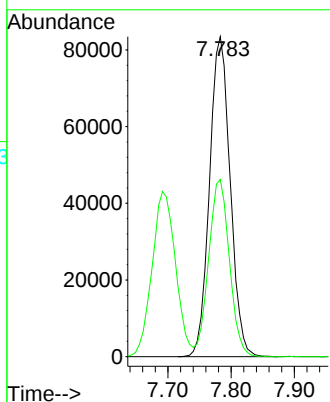
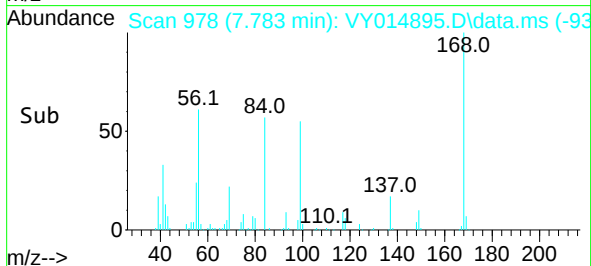
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 188892
Ion Ratio Lower Upper
168 100
99 55.4 43.4 65.0

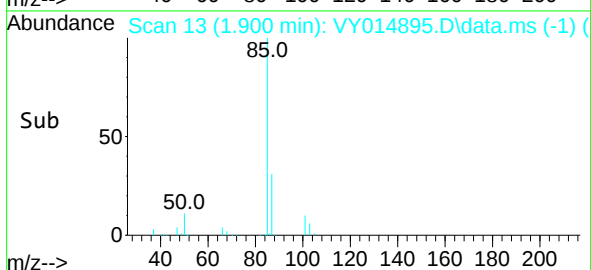
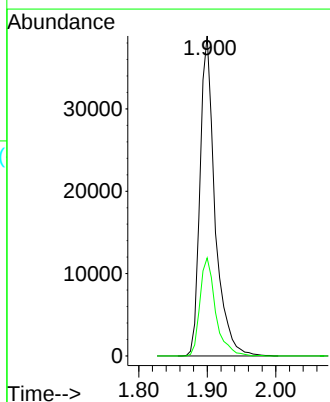
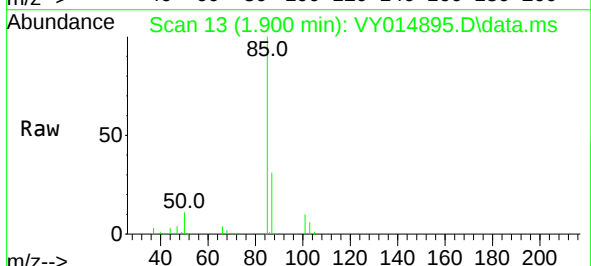
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#2
Dichlorodifluoromethane
Concen: 38.452 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

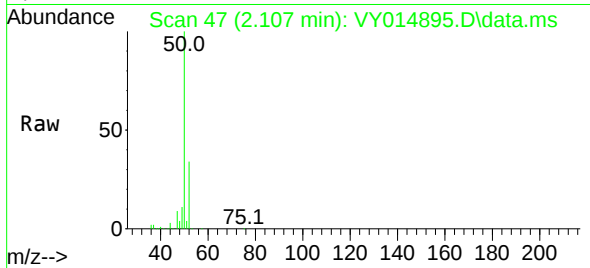
Tgt Ion: 85 Resp: 59175
Ion Ratio Lower Upper
85 100
87 30.7 15.6 46.8





#3
Chloromethane
Concen: 54.413 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

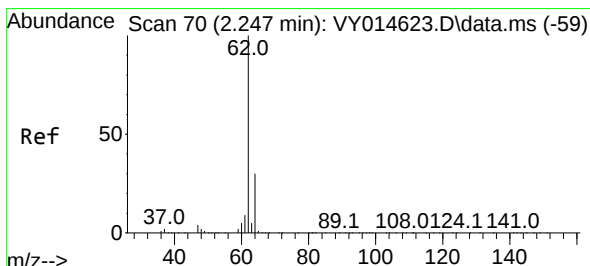
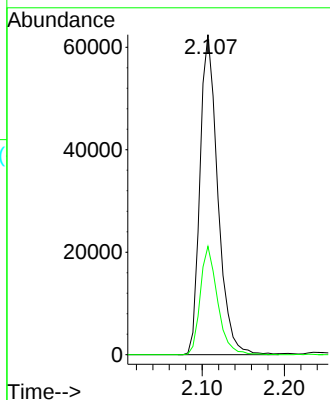
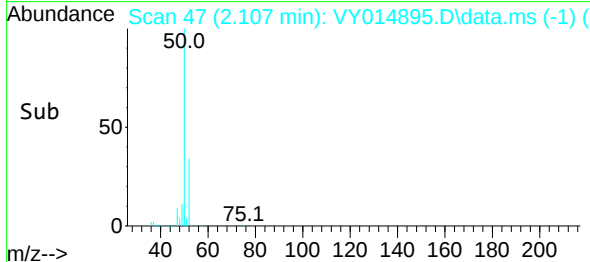
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



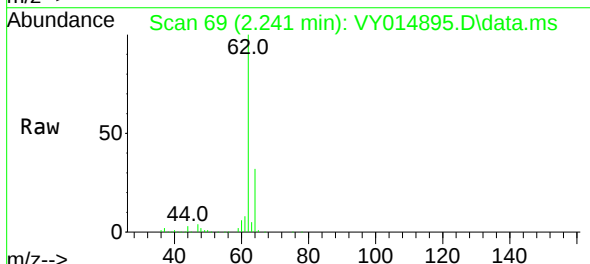
Tgt Ion: 50 Resp: 94129
Ion Ratio Lower Upper
50 100
52 33.8 25.4 38.2

Manual Integrations
APPROVED

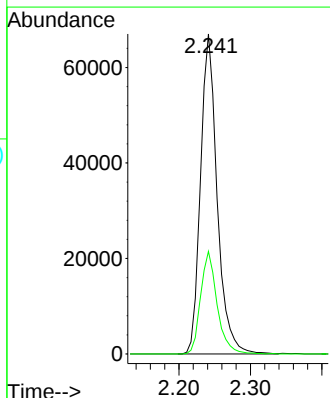
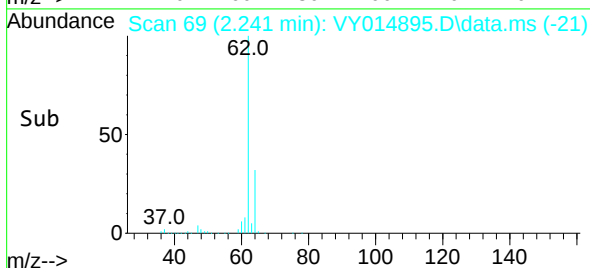
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

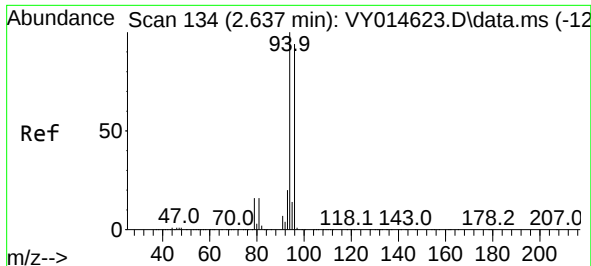


#4
Vinyl Chloride
Concen: 56.050 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.006 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19



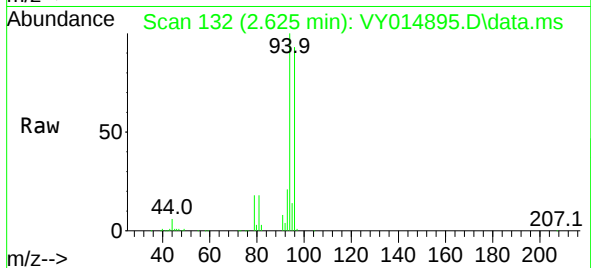
Tgt Ion: 62 Resp: 108365
Ion Ratio Lower Upper
62 100
64 32.0 24.3 36.5





#5
Bromomethane
Concen: 68.322 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

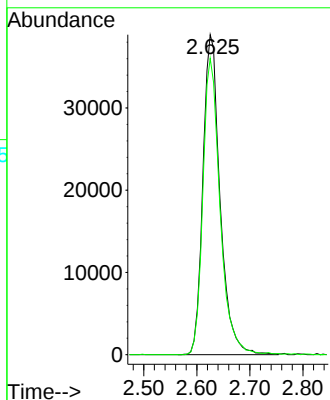
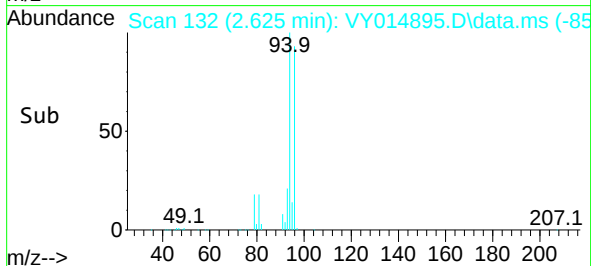
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



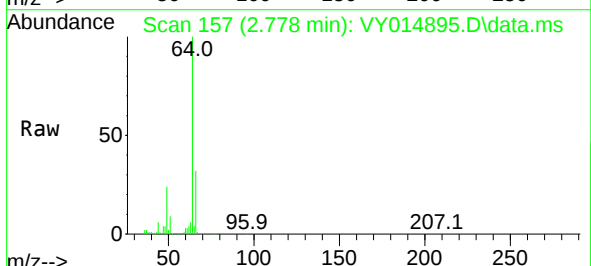
Tgt Ion: 94 Resp: 8729
Ion Ratio Lower Upper
94 100
96 92.6 75.8 113.6

Manual Integrations
APPROVED

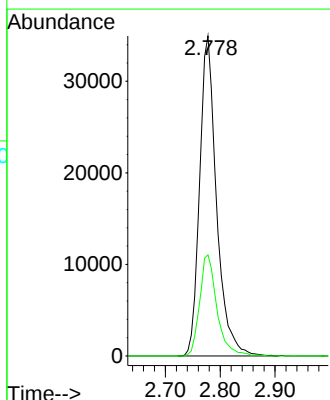
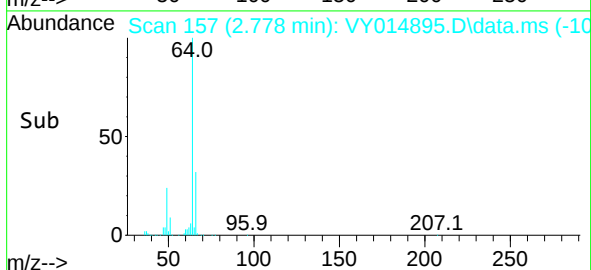
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#6
Chloroethane
Concen: 61.941 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19



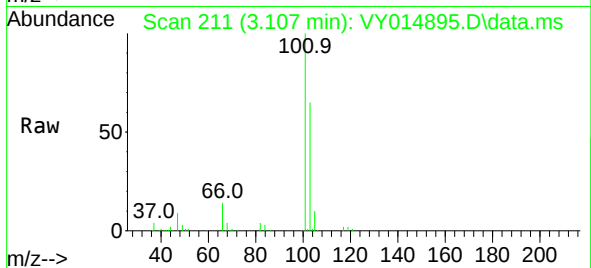
Tgt Ion: 64 Resp: 74803
Ion Ratio Lower Upper
64 100
66 31.6 24.4 36.6





#7
Trichlorofluoromethane
Concen: 47.726 ug/l
RT: 3.107 min Scan# 212
Delta R.T. -0.006 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

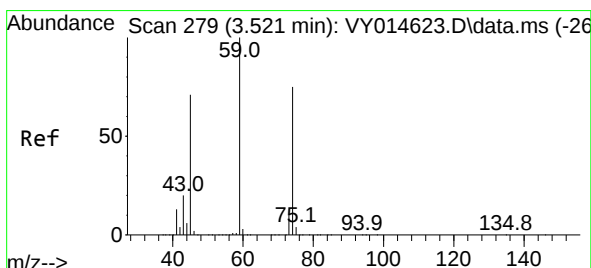
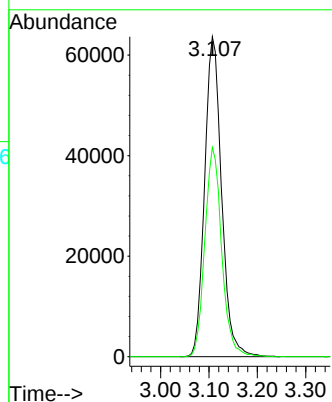
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 154969
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.0

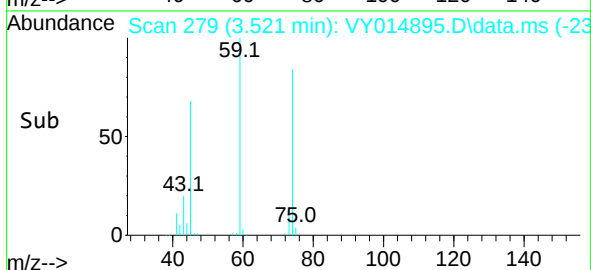
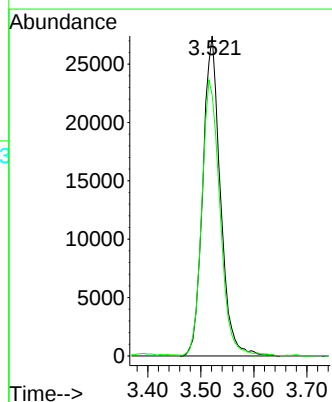
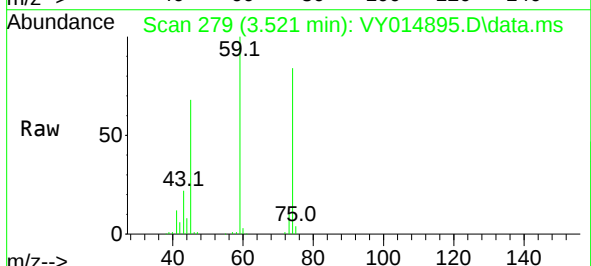
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#8
Diethyl Ether
Concen: 52.059 ug/l
RT: 3.521 min Scan# 279
Delta R.T. 0.000 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

Tgt Ion: 74 Resp: 62894
Ion Ratio Lower Upper
74 100
45 89.7 51.5 154.5





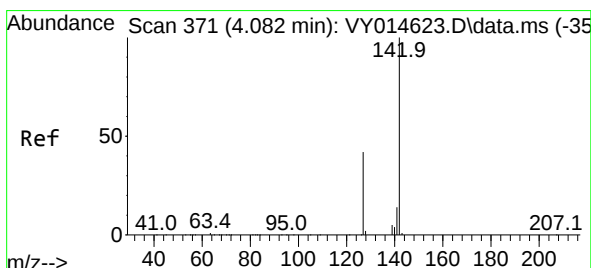
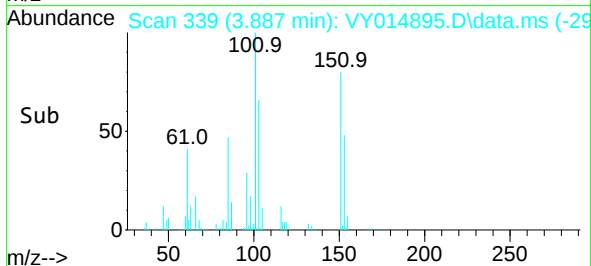
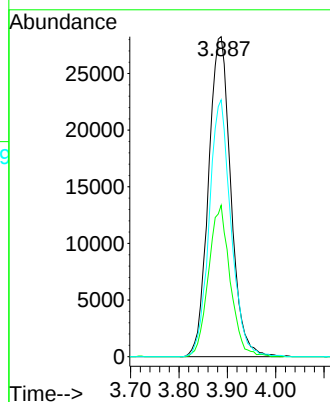
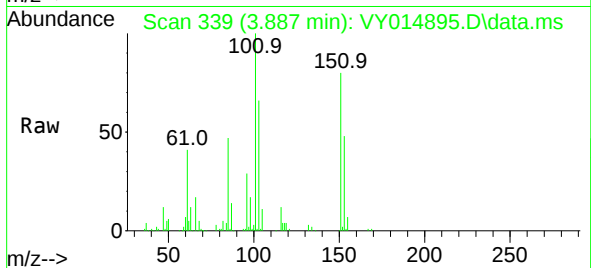
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.567 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 90689
Ion Ratio Lower Upper
101 100
85 45.7 36.6 55.0
151 78.4 67.0 100.6

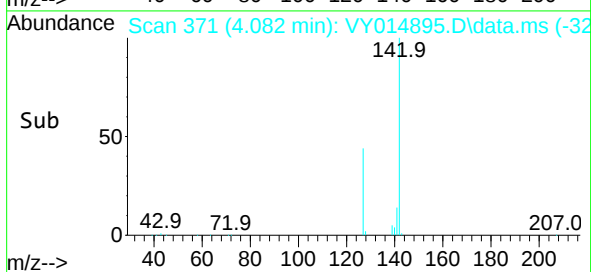
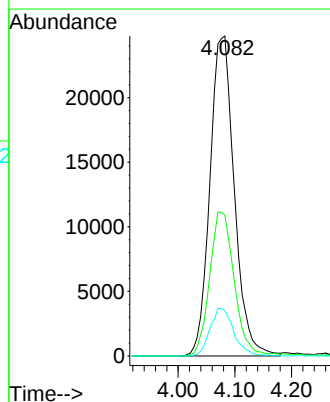
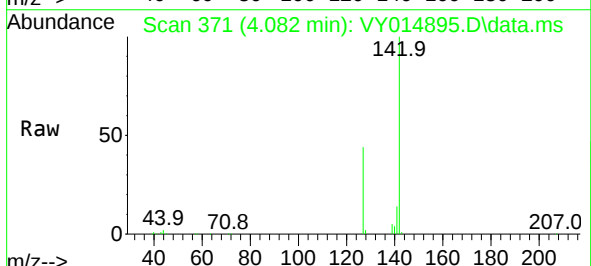
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#10
Methyl Iodide
Concen: 35.752 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

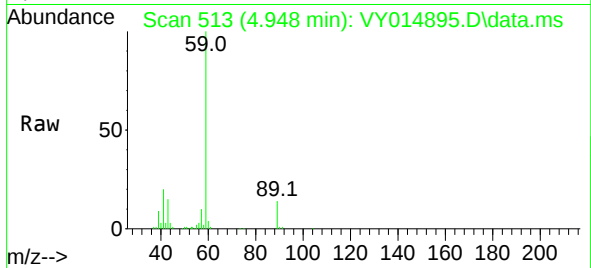
Tgt Ion:142 Resp: 73933
Ion Ratio Lower Upper
142 100
127 45.5 37.6 56.4
141 14.6 11.8 17.8





#11
Tert butyl alcohol
Concen: 254.878 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

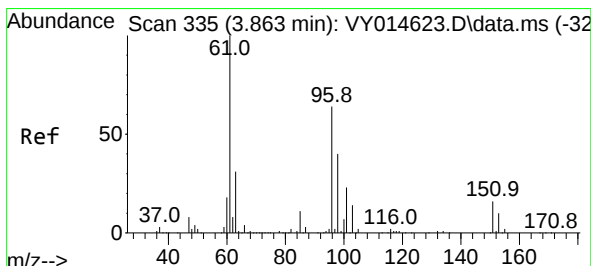
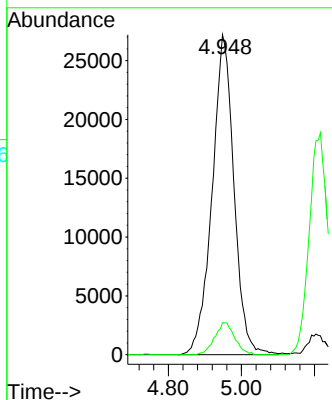
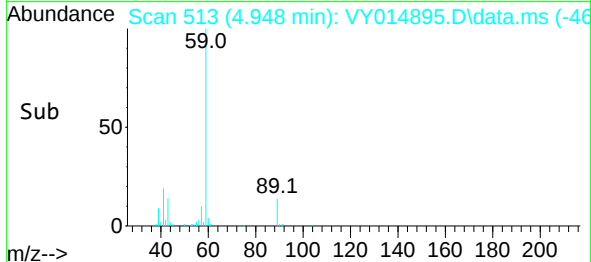
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 112962
Ion Ratio Lower Upper
59 100
57 9.2 3.0 4.4

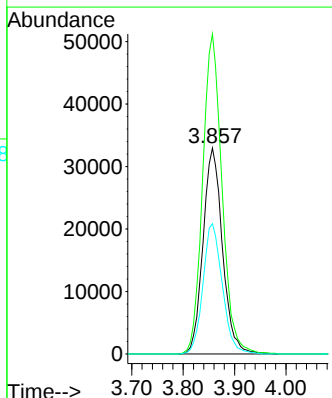
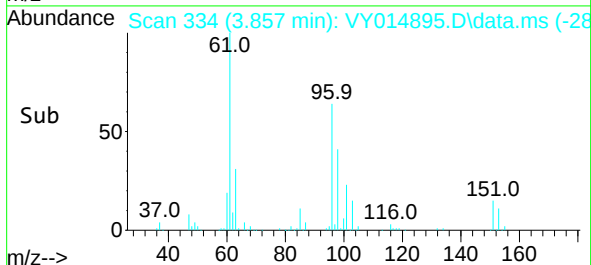
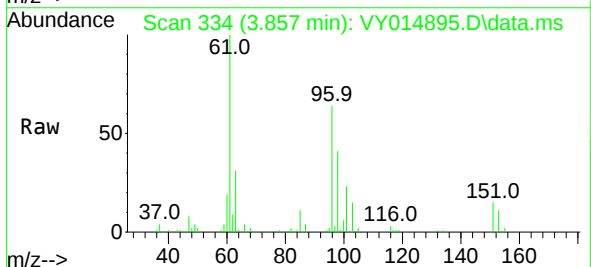
Manual Integrations
APPROVED

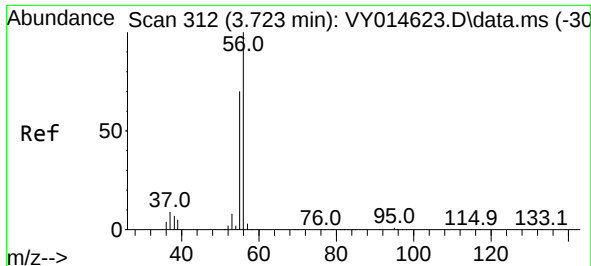
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#12
1,1-Dichloroethene
Concen: 46.591 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

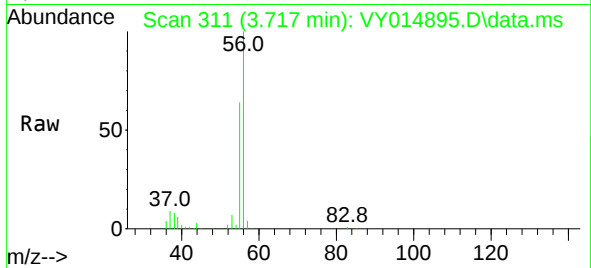
Tgt Ion: 96 Resp: 86664
Ion Ratio Lower Upper
96 100
61 155.5 136.4 204.6
98 63.2 49.4 74.2





#13
Acrolein
Concen: 170.754 ug/l
RT: 3.717 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

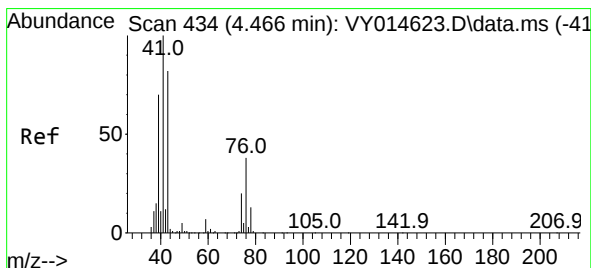
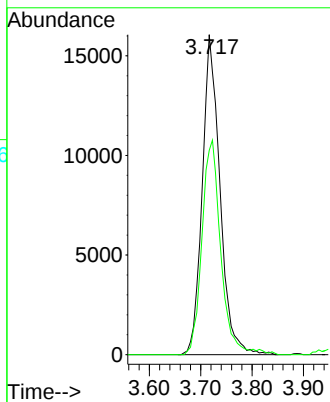
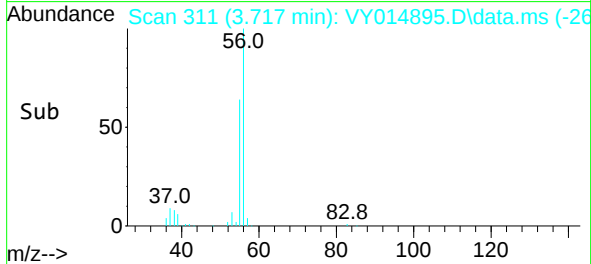
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



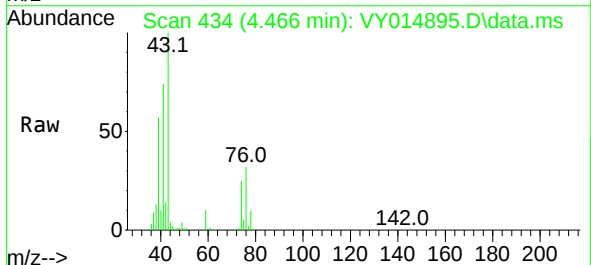
Tgt Ion: 56 Resp: 38410
Ion Ratio Lower Upper
56 100
55 70.2 57.0 85.4

Manual Integrations
APPROVED

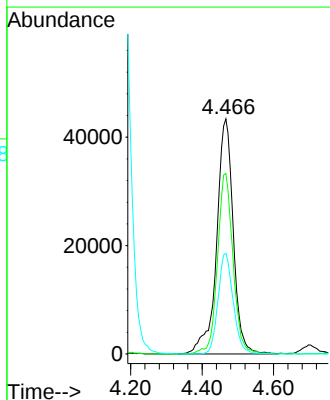
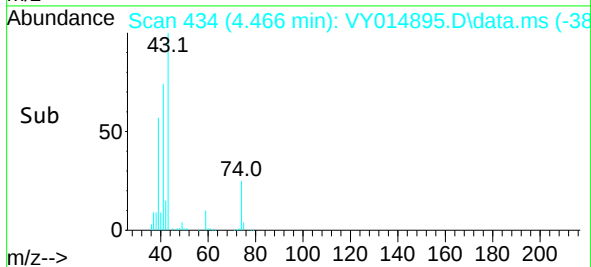
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#14
Allyl chloride
Concen: 42.531 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19



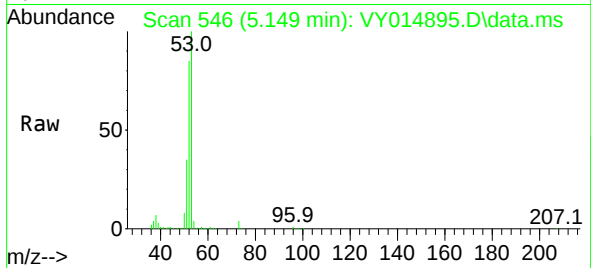
Tgt Ion: 41 Resp: 140468
Ion Ratio Lower Upper
41 100
39 71.6 58.0 87.0
76 38.8 27.4 41.2





#15
Acrylonitrile
Concen: 294.509 ug/l
RT: 5.149 min Scan# 547
Delta R.T. -0.006 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

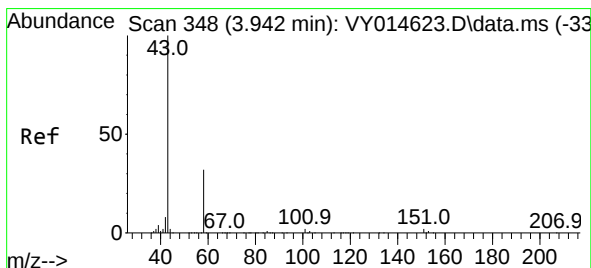
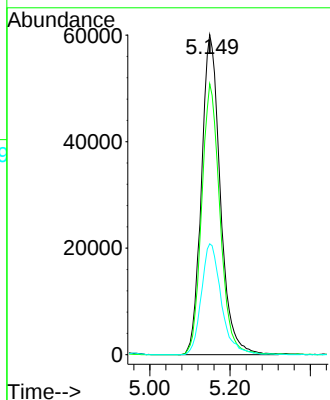
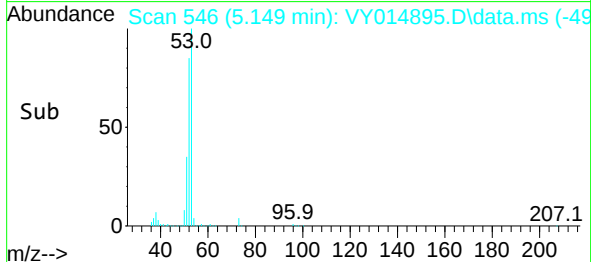
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



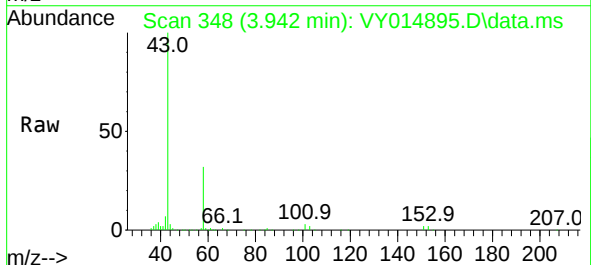
Tgt Ion: 53 Resp: 196209
Ion Ratio Lower Upper
53 100
52 82.2 66.9 100.3
51 36.6 29.8 44.6

Manual Integrations
APPROVED

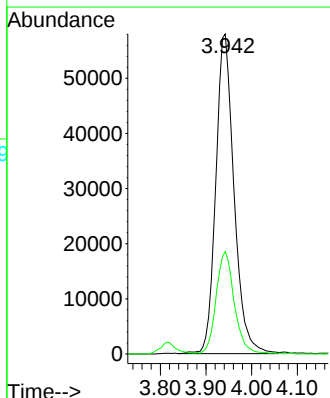
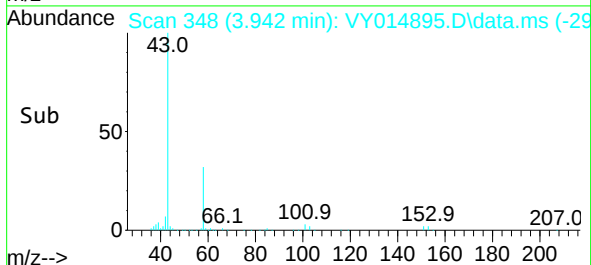
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#16
Acetone
Concen: 235.521 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19



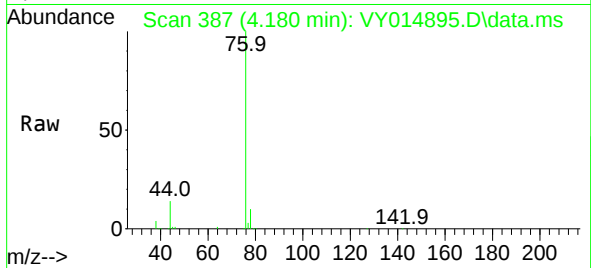
Tgt Ion: 43 Resp: 160649
Ion Ratio Lower Upper
43 100
58 31.8 22.7 34.1





#17
Carbon Disulfide
Concen: 39.879 ug/l
RT: 4.180 min Scan# 388
Delta R.T. -0.006 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

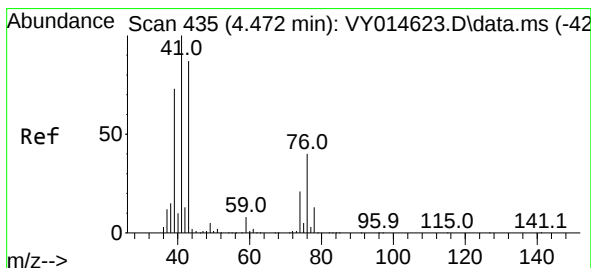
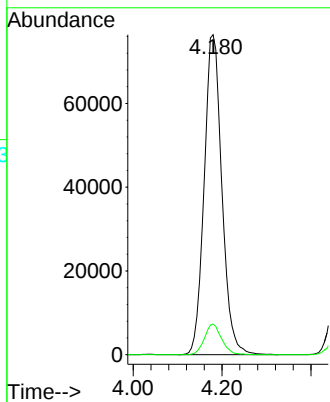
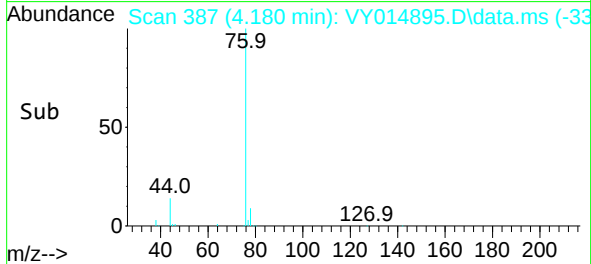
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 21237
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.4

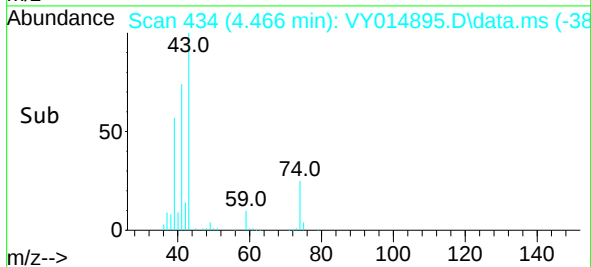
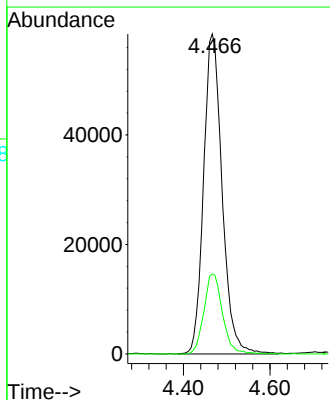
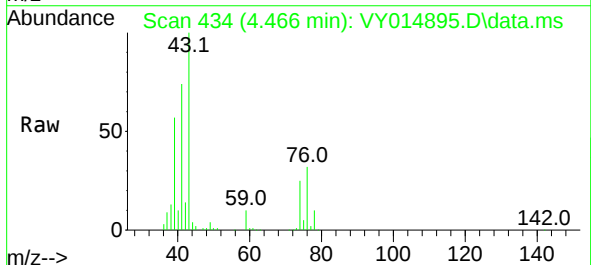
Manual Integrations
APPROVED

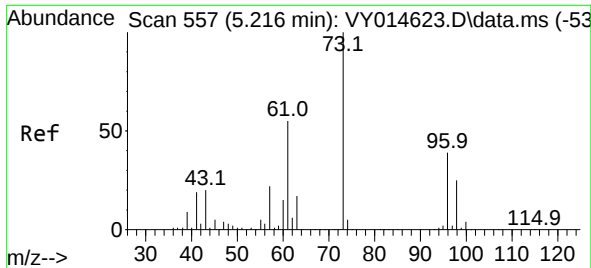
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#18
Methyl Acetate
Concen: 66.355 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

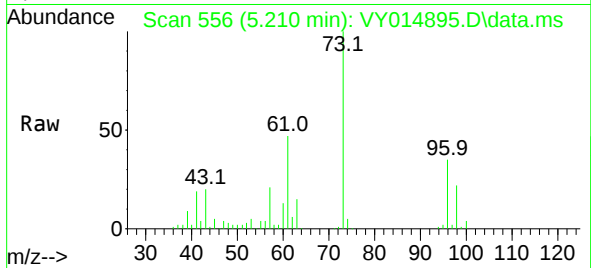
Tgt Ion: 43 Resp: 173690
Ion Ratio Lower Upper
43 100
74 25.0 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 53.395 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

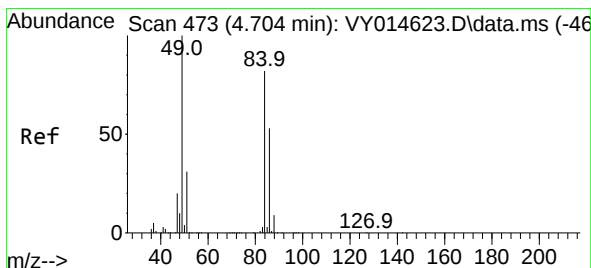
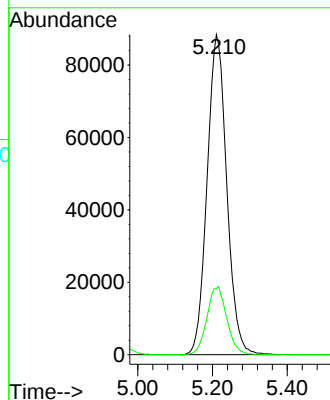
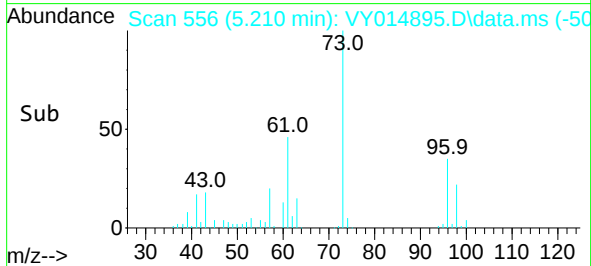
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 32263
Ion Ratio Lower Upper
73 100
57 20.6 17.3 25.9

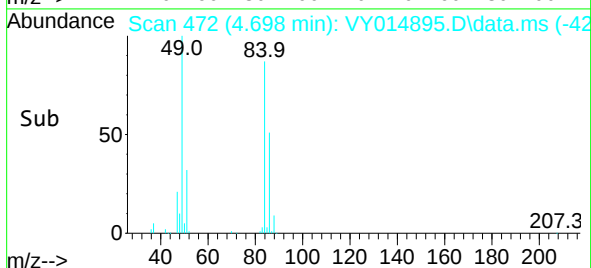
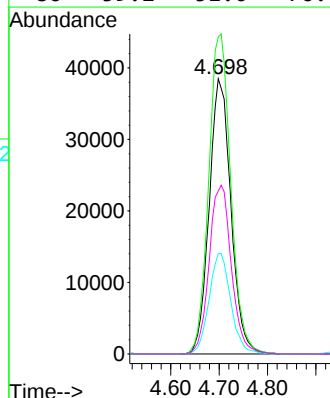
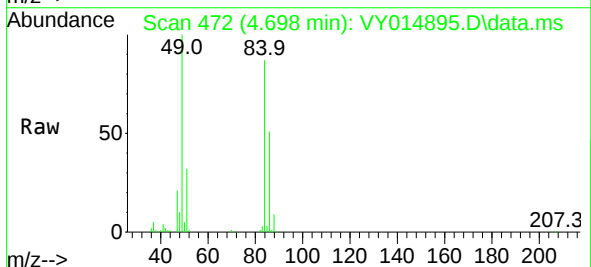
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#20
Methylene Chloride
Concen: 54.579 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

Tgt Ion: 84 Resp: 120082
Ion Ratio Lower Upper
84 100
49 115.2 106.9 160.3
51 36.5 33.2 49.8
86 59.2 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 47.407 ug/l

RT: 5.204 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY014895.D

Acq: 27 Jul 2023 20:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 100073

Ion Ratio Lower Upper

96 100

61 131.8 110.2 165.4

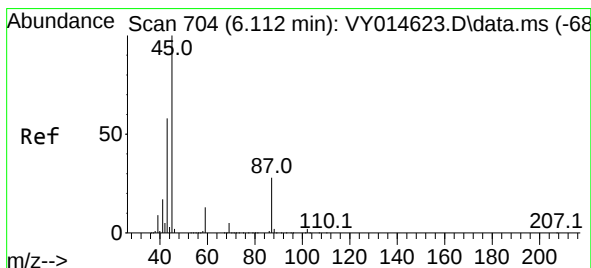
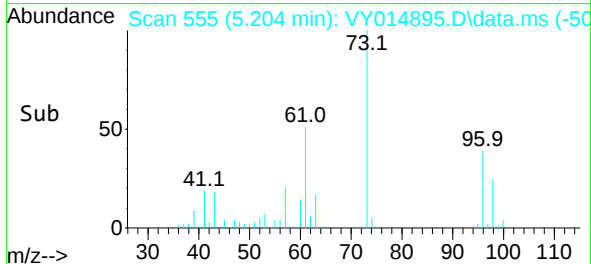
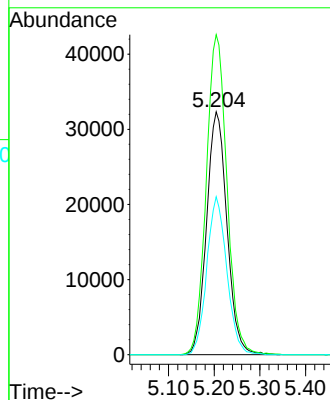
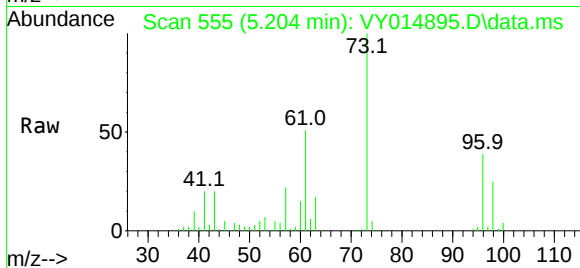
98 65.0 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#22

Diisopropyl ether

Concen: 49.658 ug/l

RT: 6.106 min Scan# 703

Delta R.T. -0.006 min

Lab File: VY014895.D

Acq: 27 Jul 2023 20:19

Tgt Ion: 45 Resp: 333439

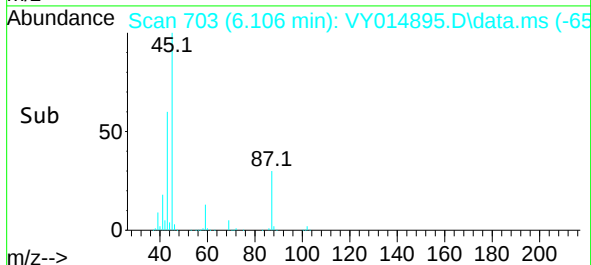
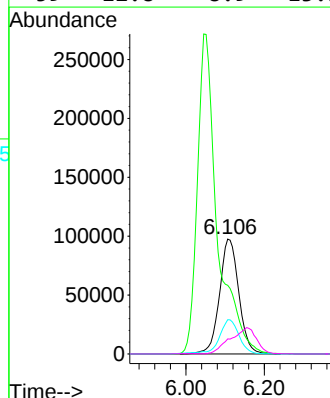
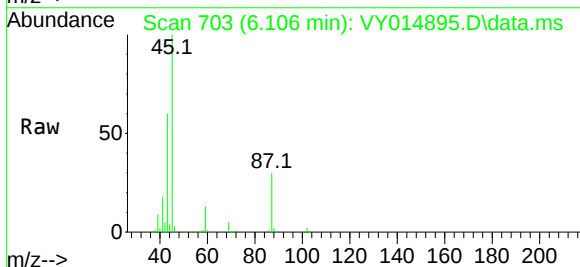
Ion Ratio Lower Upper

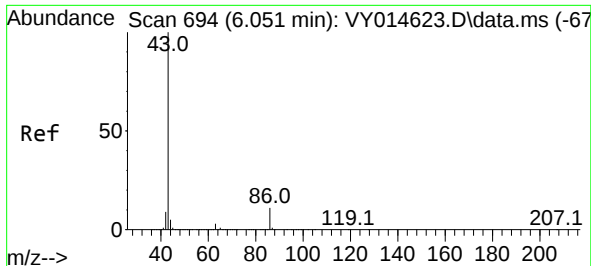
45 100

43 59.4 52.2 78.4

87 29.8 21.0 31.6

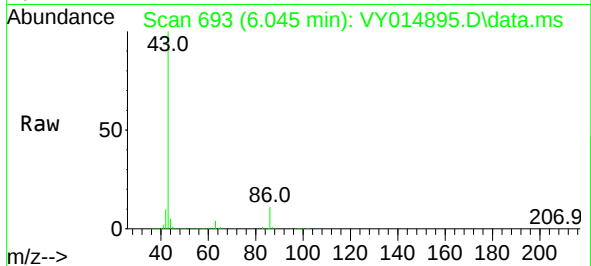
59 12.8 8.9 13.3





#23
 Vinyl Acetate
 Concen: 239.109 ug/l
 RT: 6.045 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY014895.D
 Acq: 27 Jul 2023 20:19

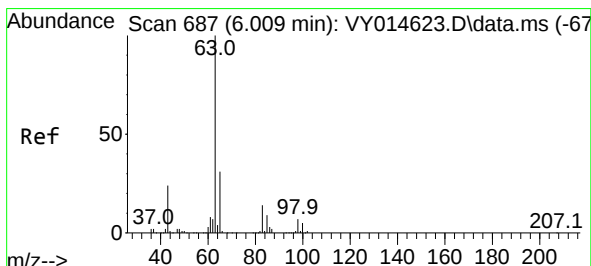
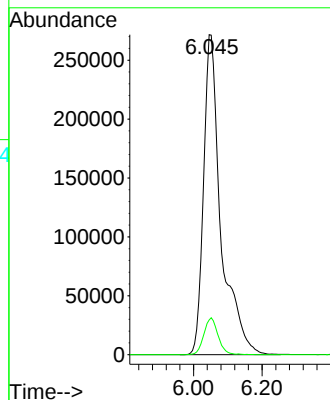
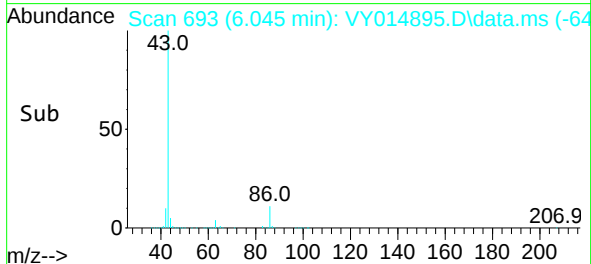
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



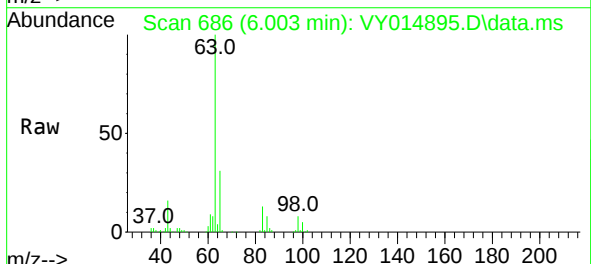
Tgt Ion: 43 Resp: 960808
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.5 11.3

Manual Integrations
 APPROVED

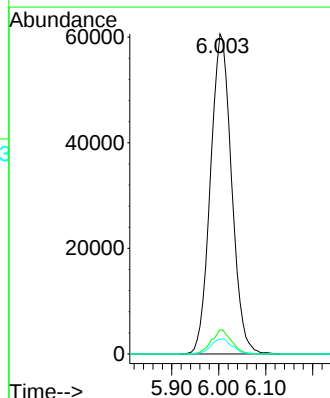
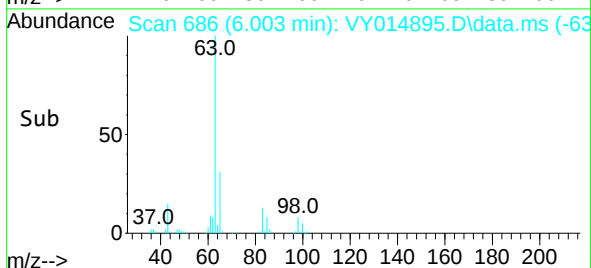
Reviewed By :John Carlone 07/28/2023
 Supervised By :Mahesh Dadoda 07/28/2023



#24
 1,1-Dichloroethane
 Concen: 49.215 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.006 min
 Lab File: VY014895.D
 Acq: 27 Jul 2023 20:19



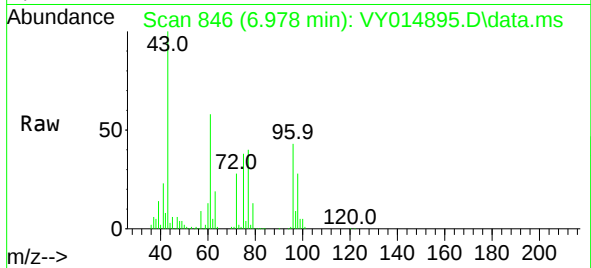
Tgt Ion: 63 Resp: 189089
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.1 9.4
 100 4.6 1.8 5.5





#25
2-Butanone
Concen: 276.687 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

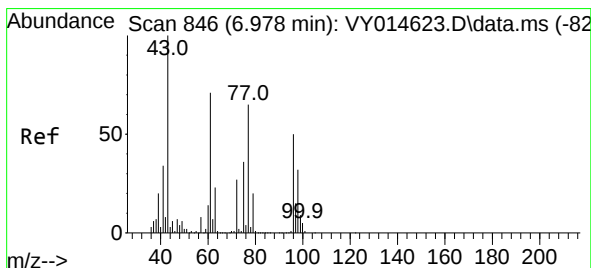
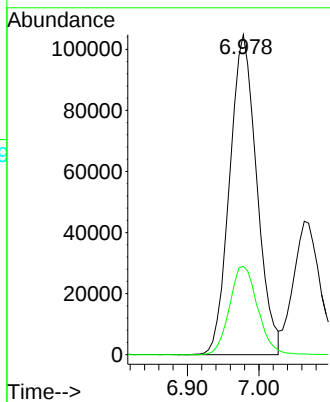
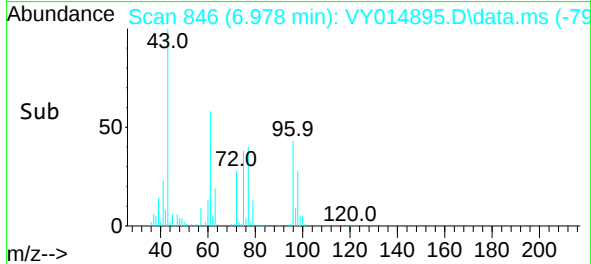
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



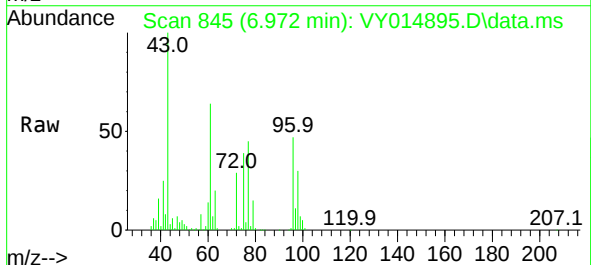
Tgt Ion: 43 Resp: 276108
Ion Ratio Lower Upper
43 100
72 27.6 20.5 30.7

Manual Integrations
APPROVED

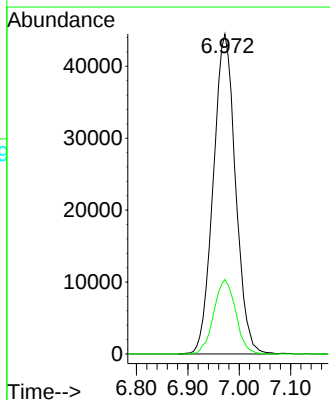
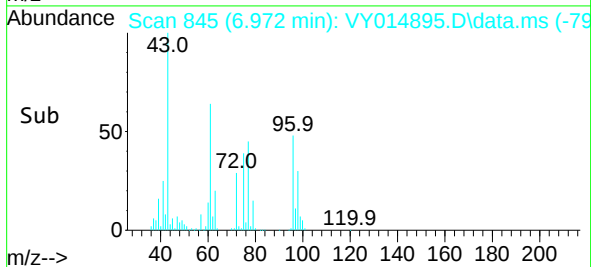
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

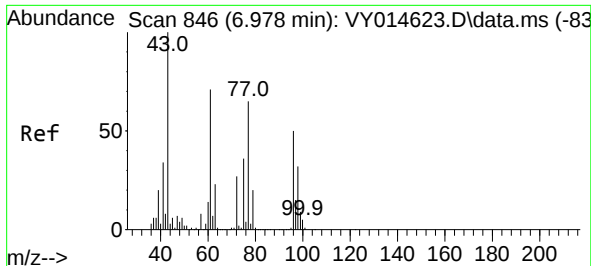


#26
2,2-Dichloropropane
Concen: 36.519 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19



Tgt Ion: 77 Resp: 133720
Ion Ratio Lower Upper
77 100
97 23.0 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 51.173 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY014895.D

Acq: 27 Jul 2023 20:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

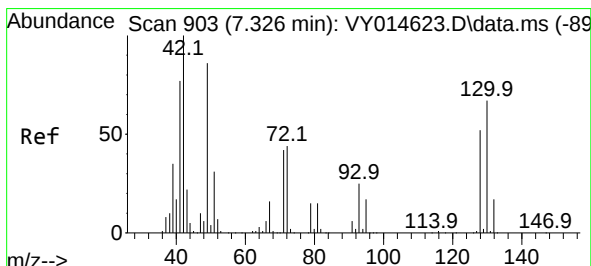
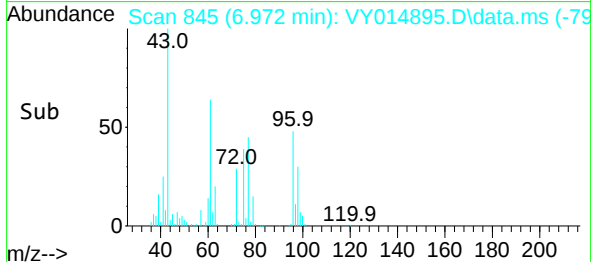
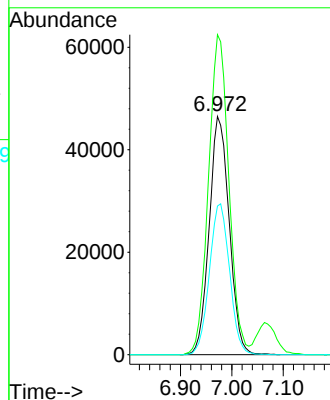
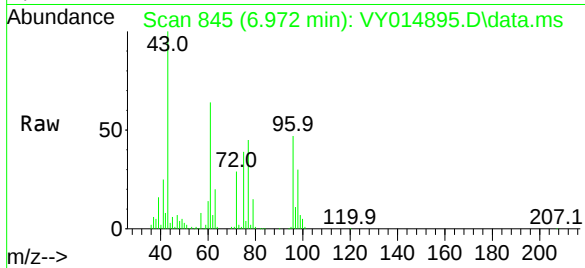
Tgt Ion:	96	Resp:	125730
Ion	Ratio	Lower	Upper
96	100		
61	136.6	0.0	301.4
98	63.9	0.0	130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#28

Bromochloromethane

Concen: 47.956 ug/l

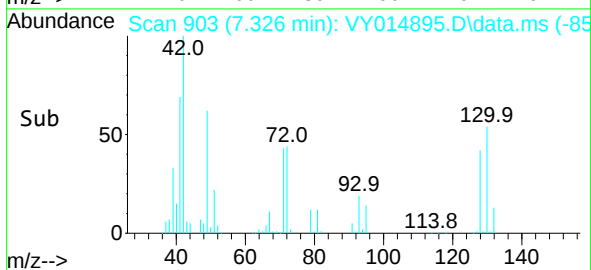
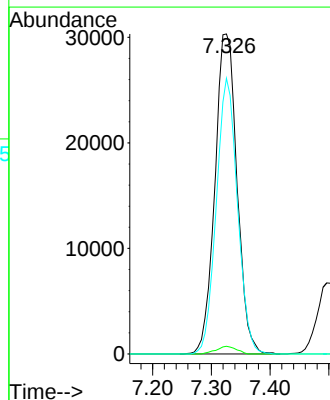
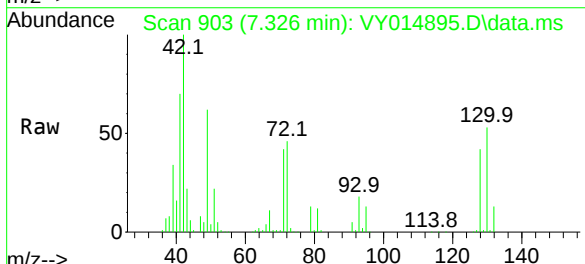
RT: 7.326 min Scan# 903

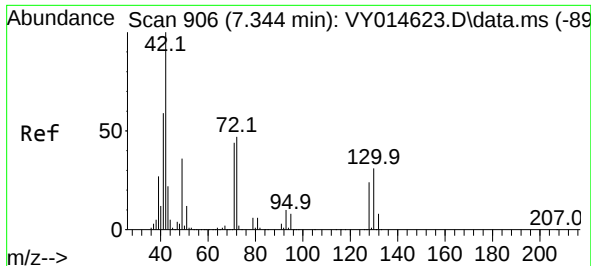
Delta R.T. -0.000 min

Lab File: VY014895.D

Acq: 27 Jul 2023 20:19

Tgt Ion:	49	Resp:	79353
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.6
130	82.3	60.7	91.1





#29

Tetrahydrofuran

Concen: 301.418 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY014895.D

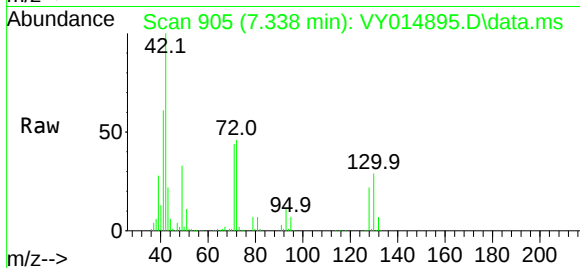
Acq: 27 Jul 2023 20:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



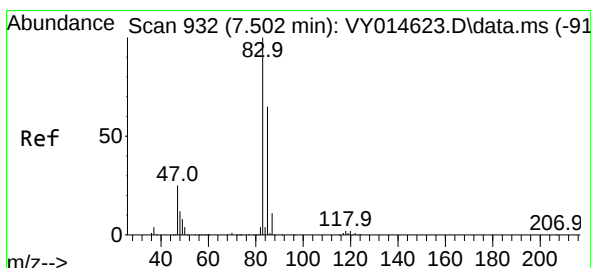
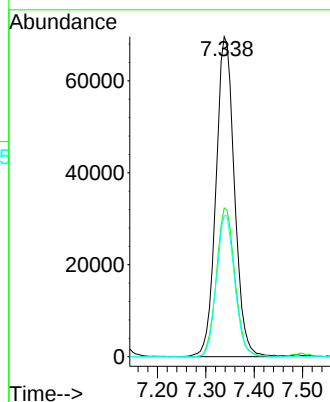
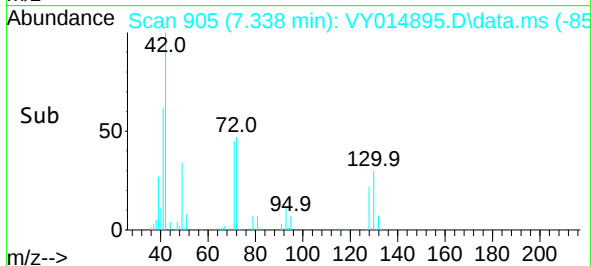
Tgt Ion:	42	Resp:	18521
Ion	Ratio	Lower	Upper
42	100		
72	46.4	32.8	49.2
71	43.5	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#30

Chloroform

Concen: 51.786 ug/l

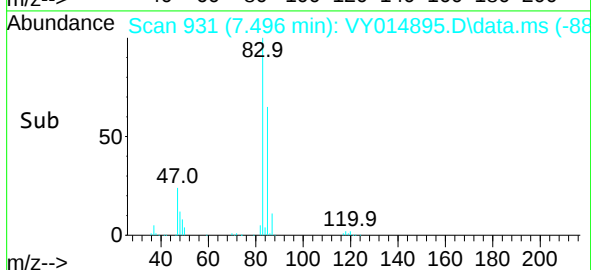
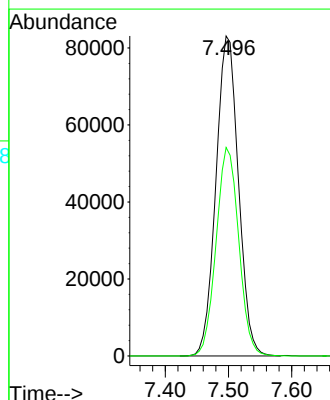
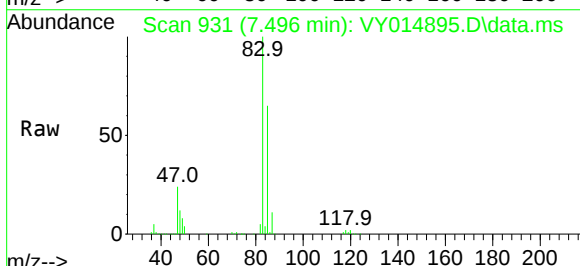
RT: 7.496 min Scan# 931

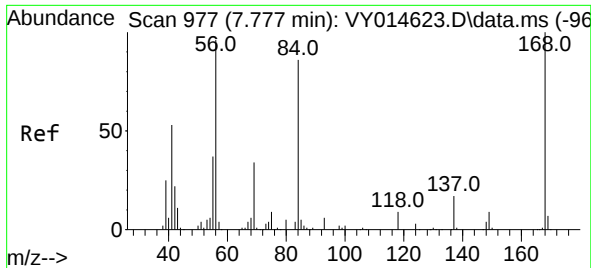
Delta R.T. -0.006 min

Lab File: VY014895.D

Acq: 27 Jul 2023 20:19

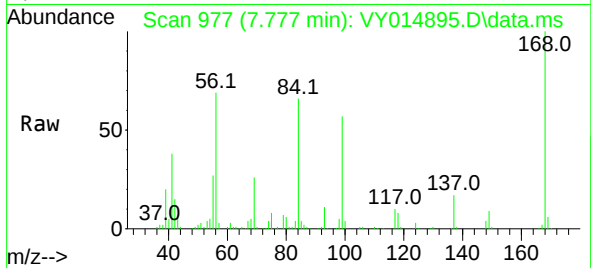
Tgt Ion:	83	Resp:	205173
Ion	Ratio	Lower	Upper
83	100		
85	65.2	49.7	74.5





#31
Cyclohexane
Concen: 39.518 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

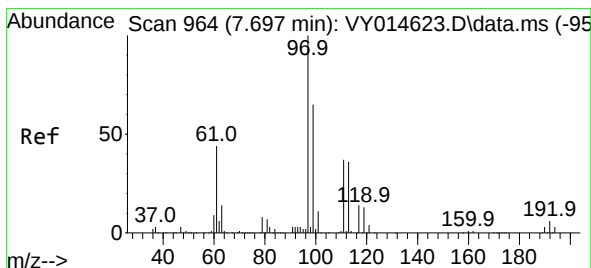
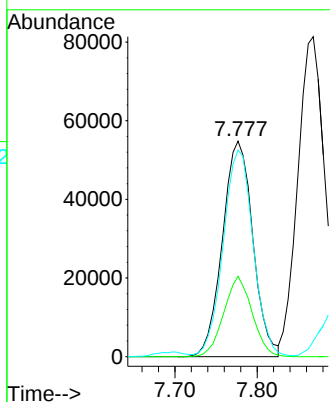
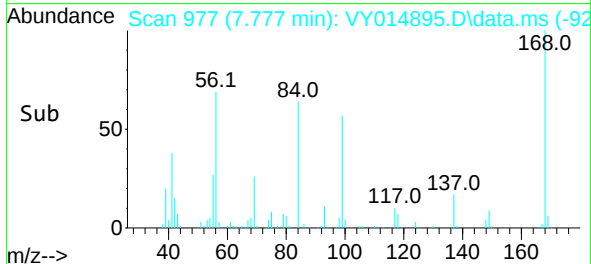
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



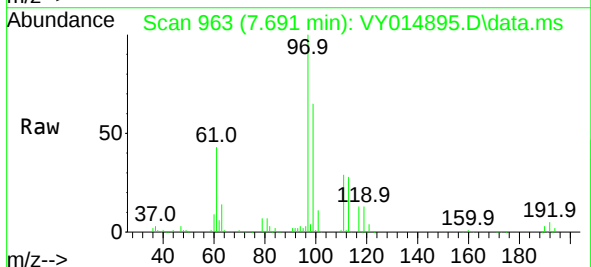
Tgt Ion: 56 Resp: 14120
Ion Ratio Lower Upper
56 100
69 37.3 27.8 41.6
84 93.9 66.4 99.6

Manual Integrations
APPROVED

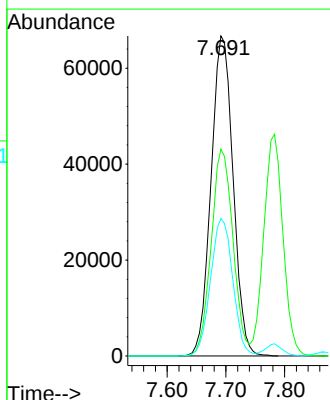
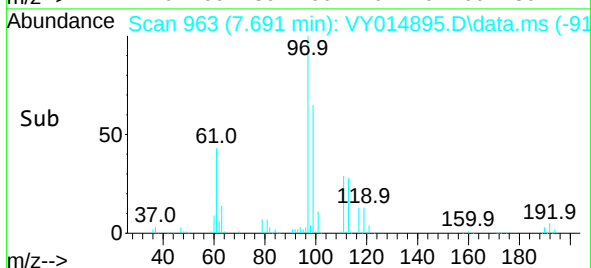
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#32
1,1,1-Trichloroethane
Concen: 48.761 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.006 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19



Tgt Ion: 97 Resp: 173873
Ion Ratio Lower Upper
97 100
99 64.2 50.8 76.2
61 43.3 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 46.711 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY014895.D

Acq: 27 Jul 2023 20:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 100540

Ion Ratio Lower Upper

65 100

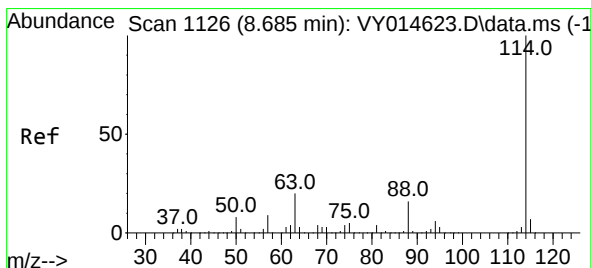
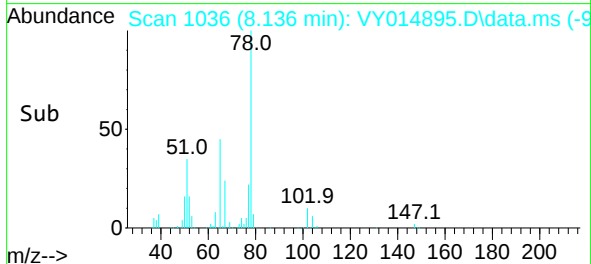
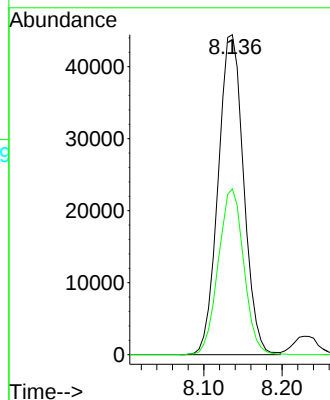
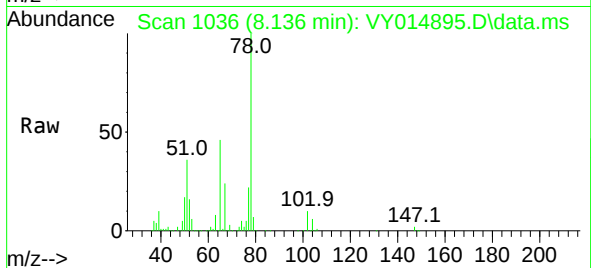
67 51.7 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014895.D

Acq: 27 Jul 2023 20:19

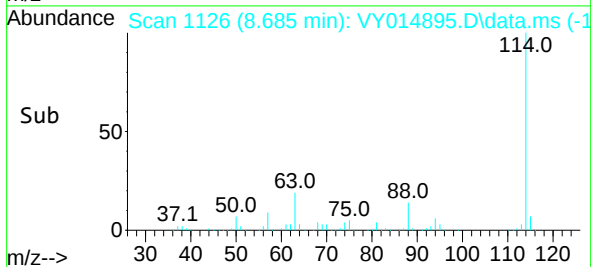
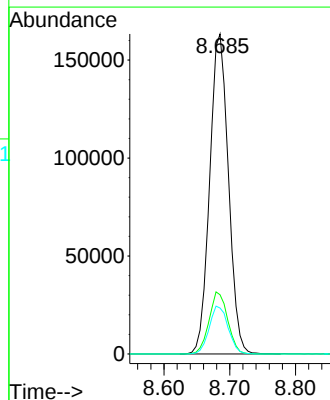
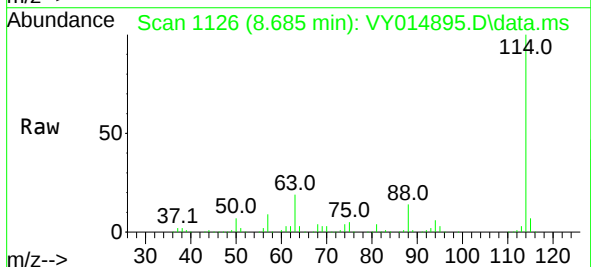
Tgt Ion:114 Resp: 323851

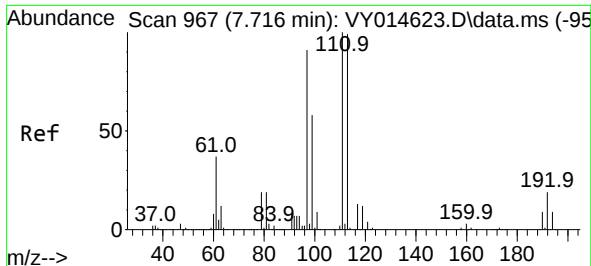
Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

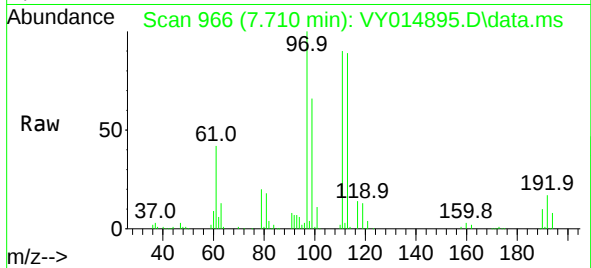
88 14.4 0.0 30.6





#35
Dibromofluoromethane
Concen: 43.893 ug/l
RT: 7.710 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

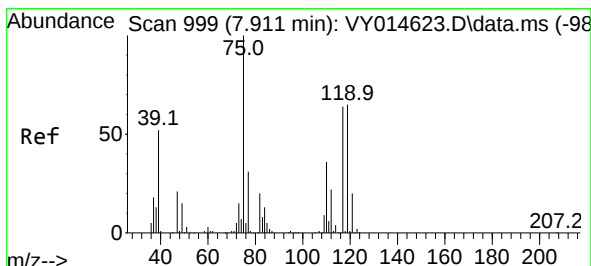
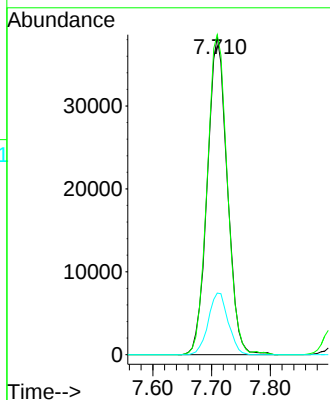
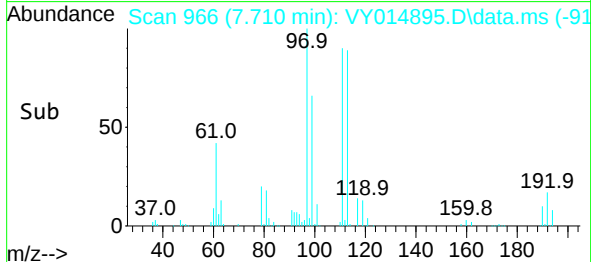
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 9048
Ion Ratio Lower Upper
113 100
111 101.7 81.3 121.9
192 19.3 16.9 25.3

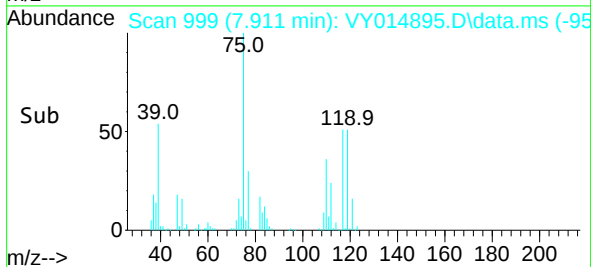
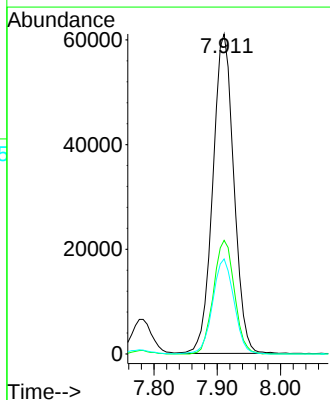
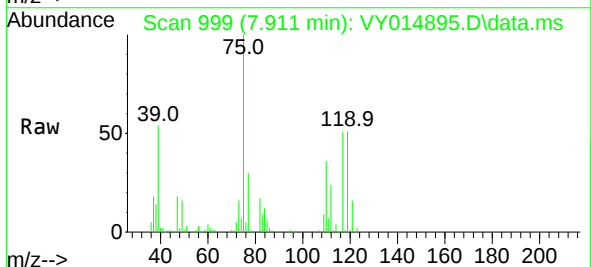
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#36
1,1-Dichloropropene
Concen: 45.573 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

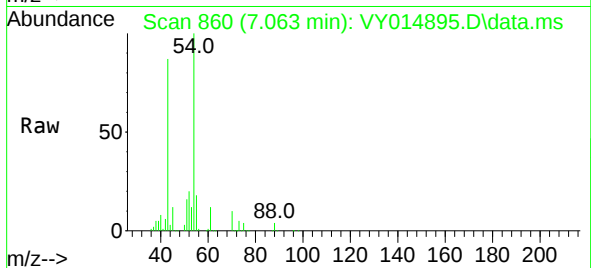
Tgt Ion: 75 Resp: 140503
Ion Ratio Lower Upper
75 100
110 35.5 17.8 53.5
77 30.3 24.4 36.6





#37
Ethyl Acetate
Concen: 54.524 ug/l
RT: 7.063 min Scan# 860
Delta R.T. -0.007 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

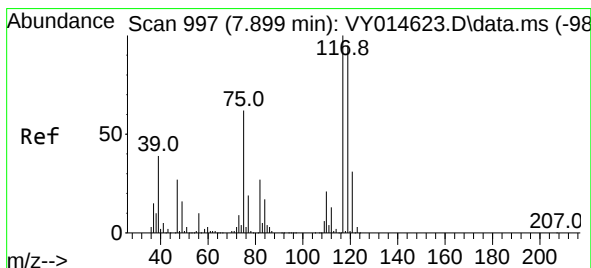
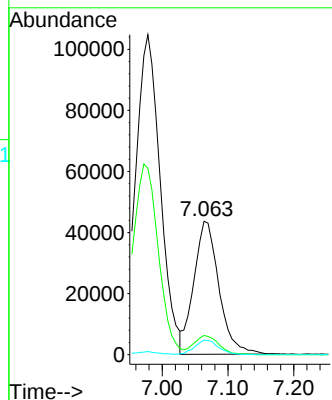
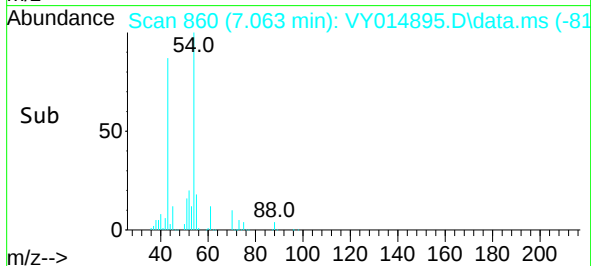
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 115735
Ion Ratio Lower Upper
43 100
61 14.3 10.1 15.1
70 10.5 7.1 10.7

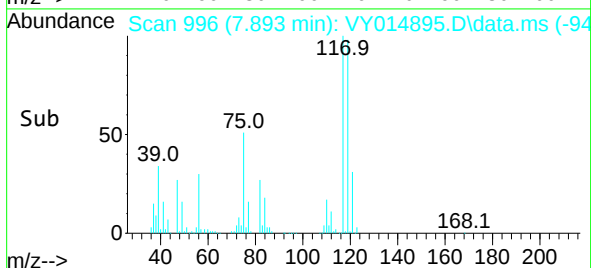
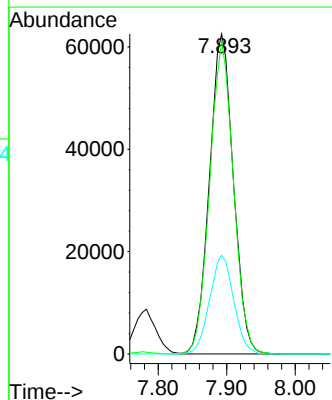
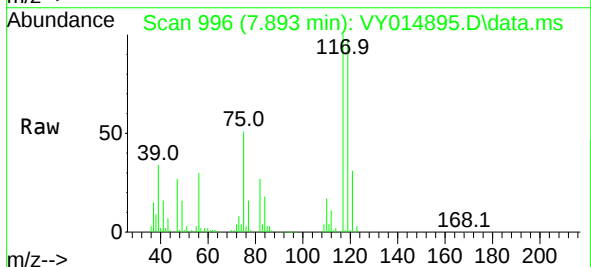
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#38
Carbon Tetrachloride
Concen: 46.604 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

Tgt Ion:117 Resp: 151882
Ion Ratio Lower Upper
117 100
119 97.8 76.4 114.6
121 30.8 25.8 38.6





#39

Methylcyclohexane

Concen: 40.866 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY014895.D

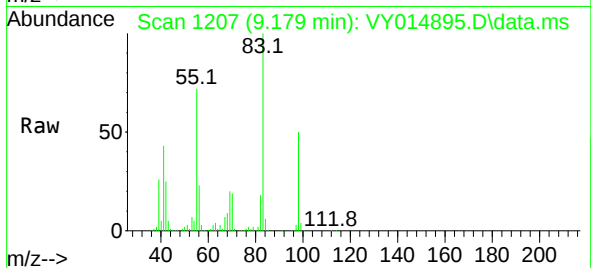
Acq: 27 Jul 2023 20:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



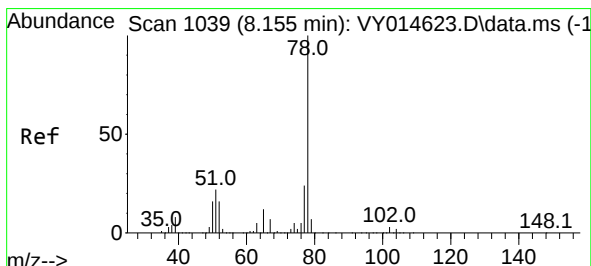
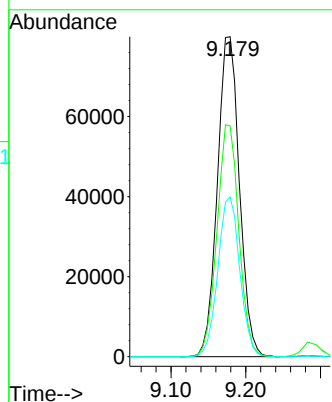
Tgt Ion:	83	Resp:	164139
Ion	Ratio	Lower	Upper
83	100		
55	72.1	63.0	94.4
98	49.9	37.4	56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#40

Benzene

Concen: 48.392 ug/l

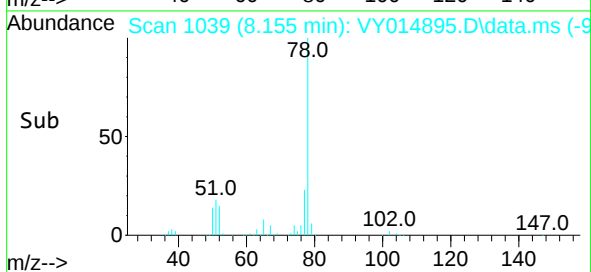
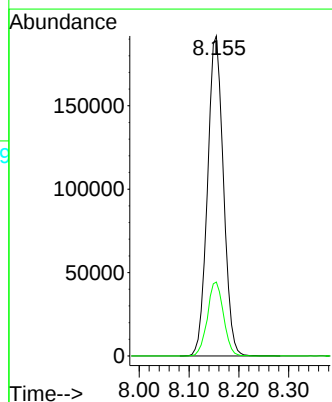
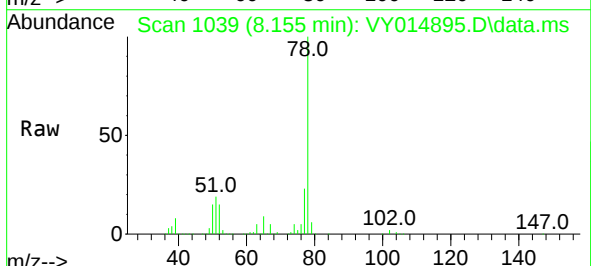
RT: 8.155 min Scan# 1039

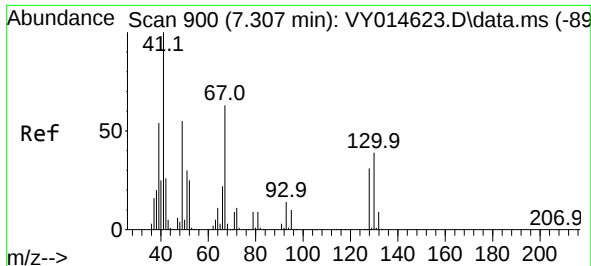
Delta R.T. -0.000 min

Lab File: VY014895.D

Acq: 27 Jul 2023 20:19

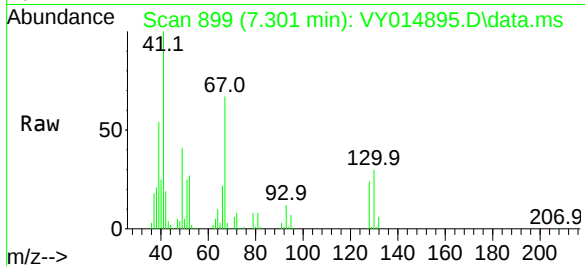
Tgt Ion:	78	Resp:	424313
Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.0	28.6





#41
Methacrylonitrile
Concen: 57.256 ug/l m
RT: 7.301 min Scan# 89
Delta R.T. -0.006 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

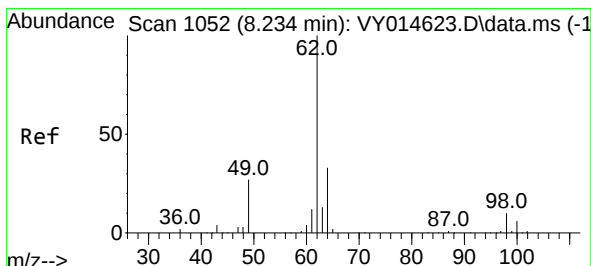
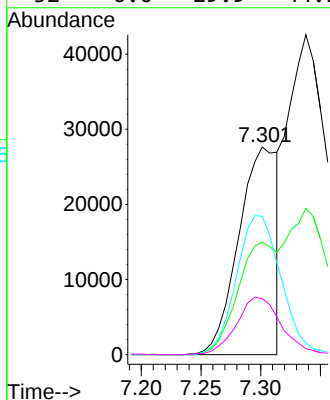
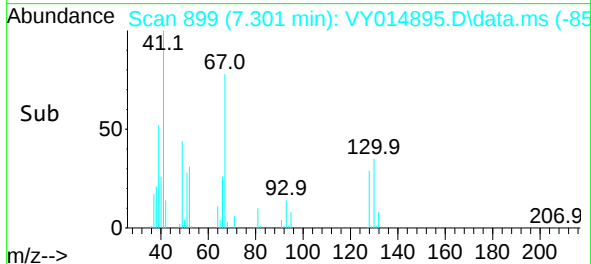
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 62512
Ion Ratio Lower Upper
41 100
39 70.5 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

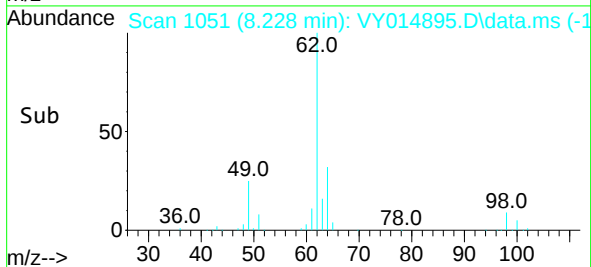
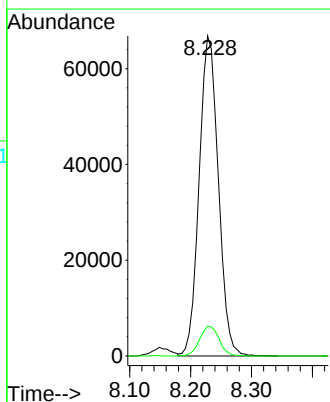
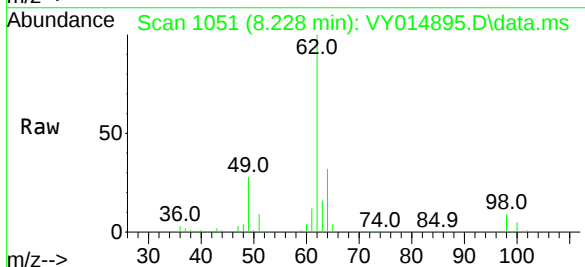
Manual Integrations
APPROVED

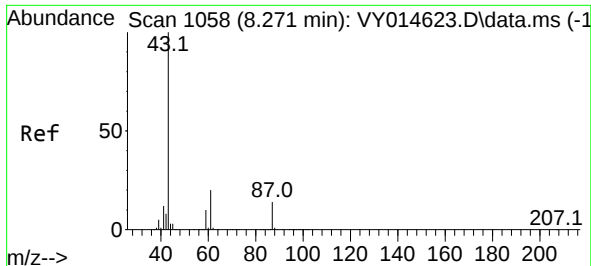
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#42
1,2-Dichloroethane
Concen: 52.719 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

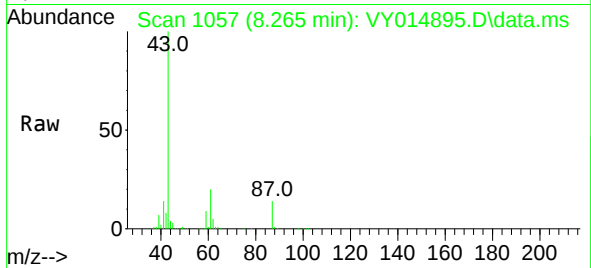
Tgt Ion: 62 Resp: 146383
Ion Ratio Lower Upper
62 100
98 9.4 0.0 15.8





#43
Isopropyl Acetate
Concen: 52.386 ug/l
RT: 8.265 min Scan# 1057
Delta R.T. -0.007 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

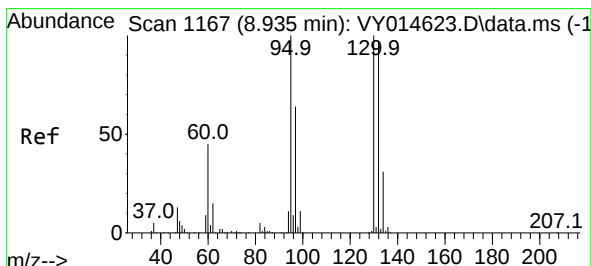
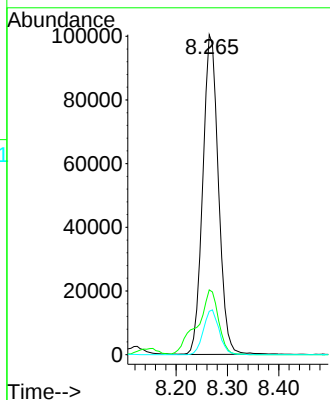
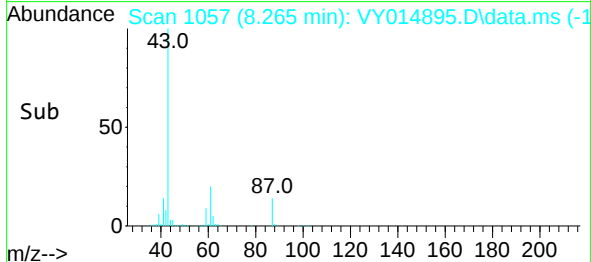
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 211819
Ion Ratio Lower Upper
43 100
61 27.6 21.1 31.7
87 14.1 9.8 14.8

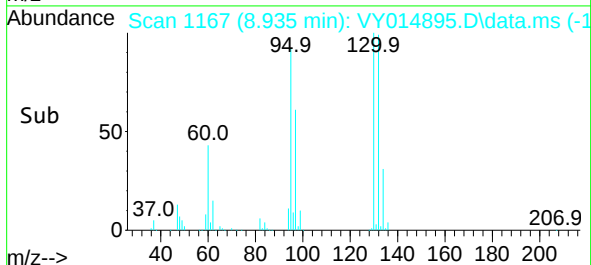
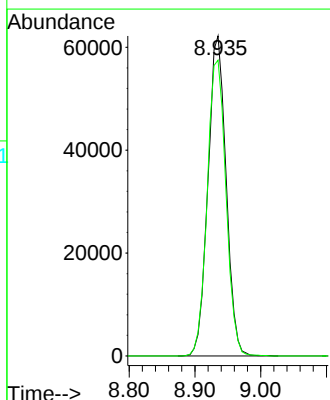
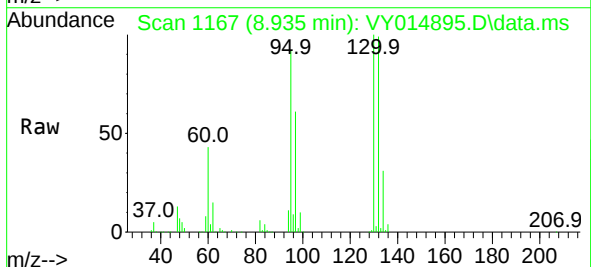
Manual Integrations
APPROVED

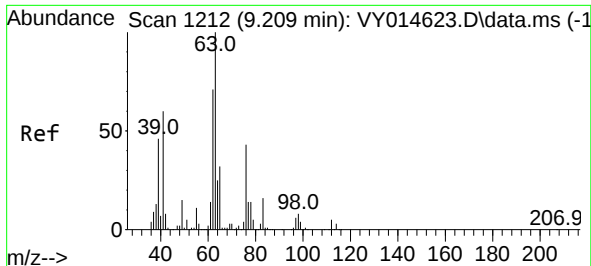
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#44
Trichloroethene
Concen: 48.727 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

Tgt Ion:130 Resp: 119541
Ion Ratio Lower Upper
130 100
95 92.5 0.0 196.0





#45

1,2-Dichloropropane

Concen: 47.752 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY014895.D

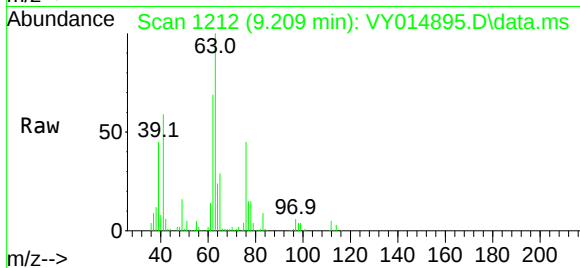
Acq: 27 Jul 2023 20:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 63 Resp: 10933

Ion Ratio Lower Upper

63 100

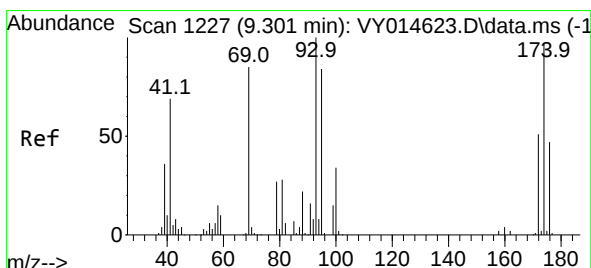
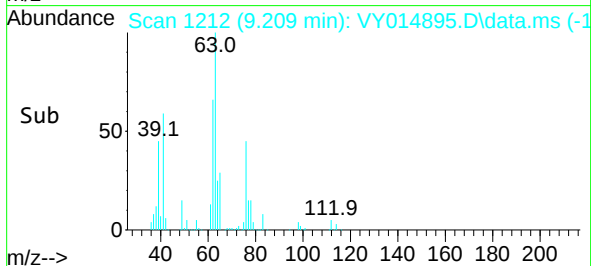
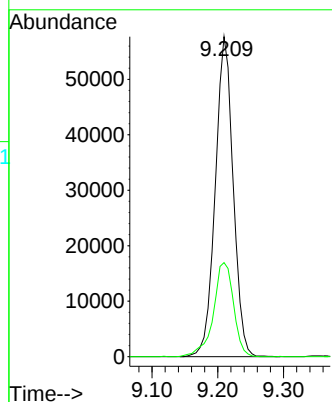
65 29.3 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#46

Dibromomethane

Concen: 52.557 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY014895.D

Acq: 27 Jul 2023 20:19

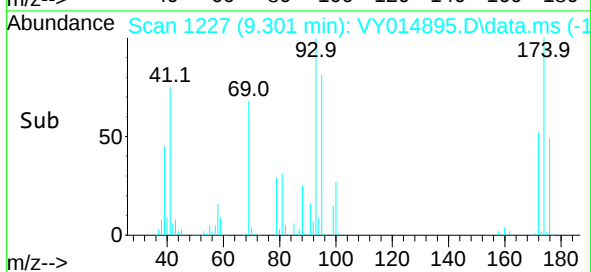
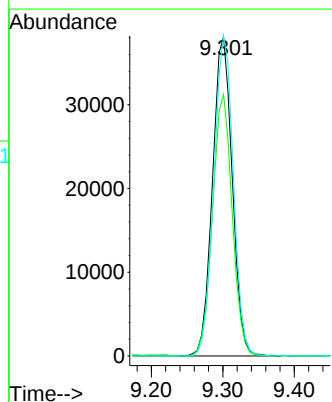
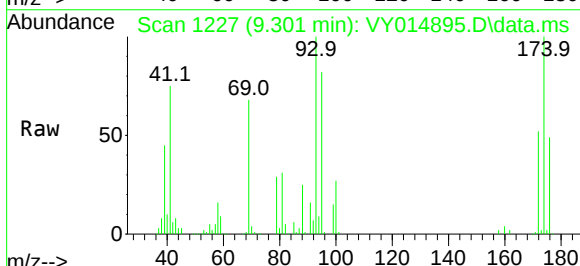
Tgt Ion: 93 Resp: 73000

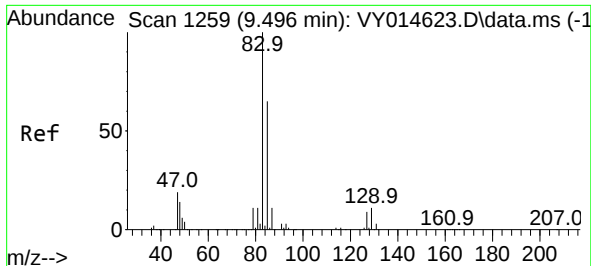
Ion Ratio Lower Upper

93 100

95 81.7 66.6 100.0

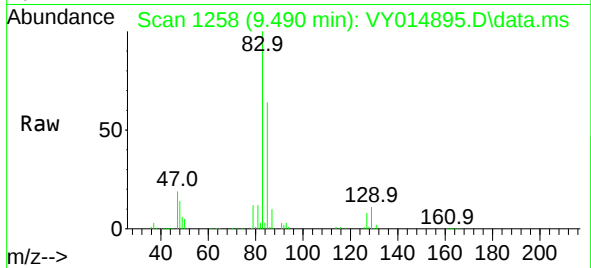
174 99.1 84.8 127.2





#47
Bromodichloromethane
Concen: 50.742 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

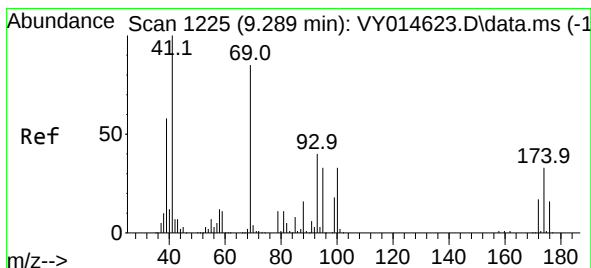
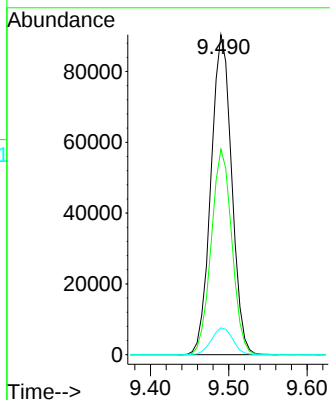
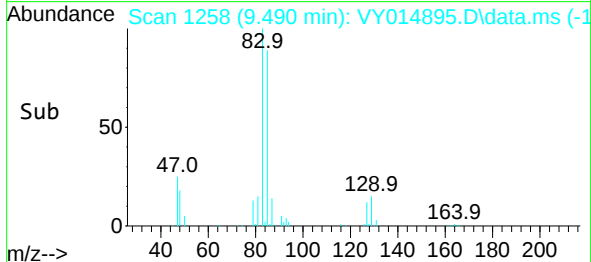
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 16611
Ion Ratio Lower Upper
83 100
85 64.2 50.1 75.1
127 8.4 7.1 10.7

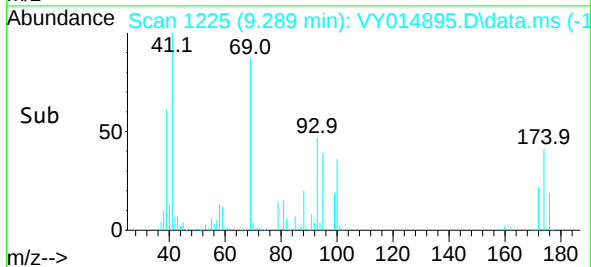
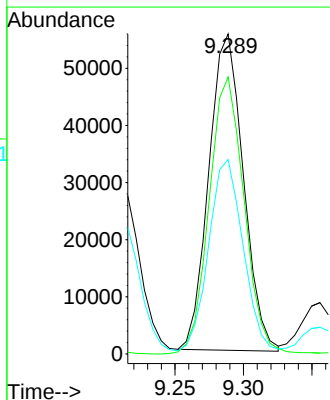
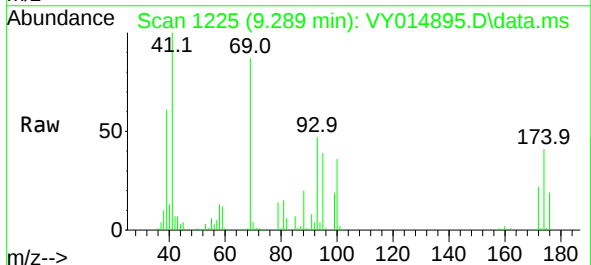
Manual Integrations
APPROVED

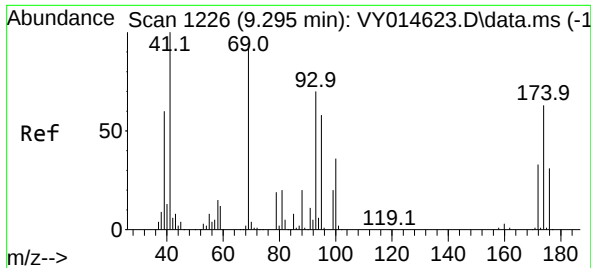
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#48
Methyl methacrylate
Concen: 53.342 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

Tgt Ion: 41 Resp: 97052
Ion Ratio Lower Upper
41 100
69 88.7 64.5 96.7
39 61.8 50.8 76.2





#49

1,4-Dioxane

Concen: 1251.787 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014895.D

Acq: 27 Jul 2023 20:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

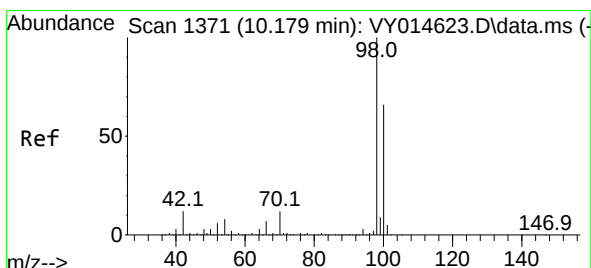
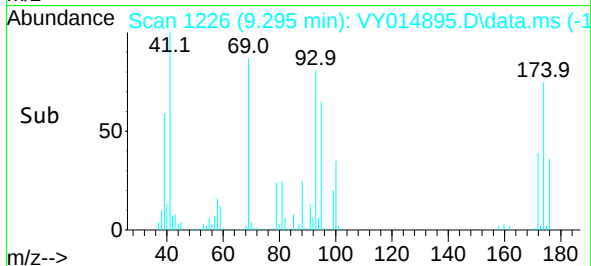
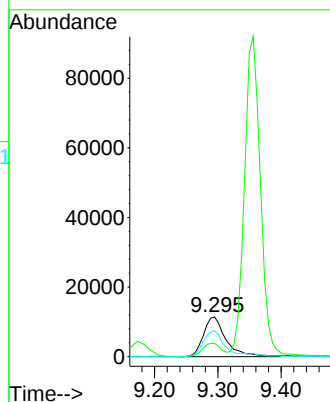
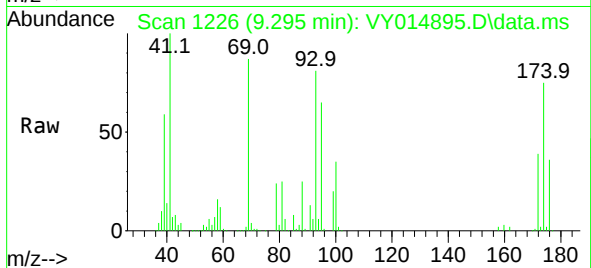
Tgt Ion: 88 Resp: 2835
 Ion Ratio Lower Upper
 88 100
 43 27.5 0.0 0.0
 58 66.8 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#50

Toluene-d8

Concen: 42.434 ug/l

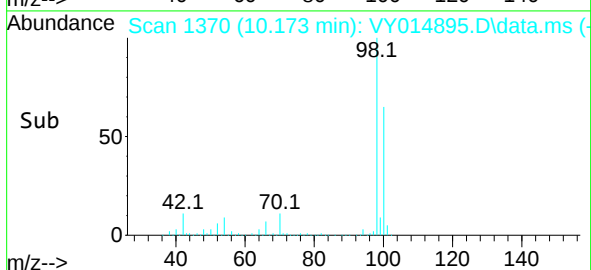
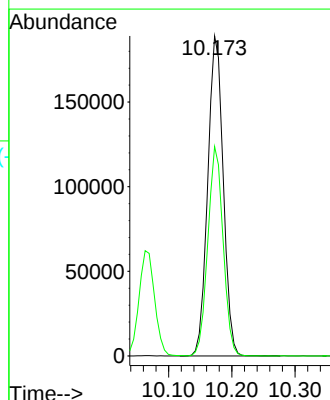
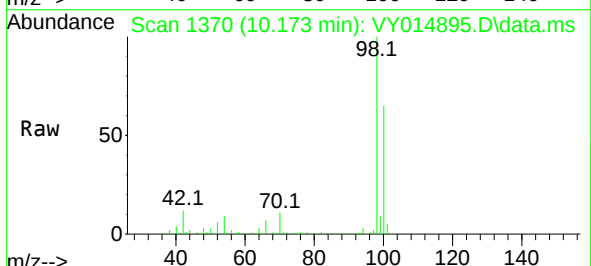
RT: 10.173 min Scan# 1370

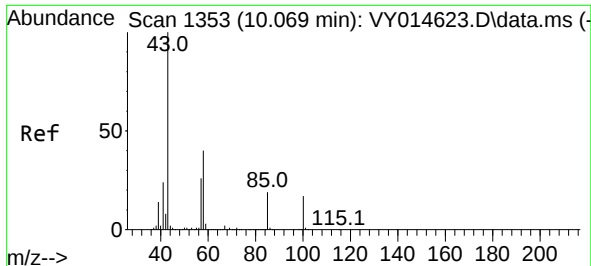
Delta R.T. -0.006 min

Lab File: VY014895.D

Acq: 27 Jul 2023 20:19

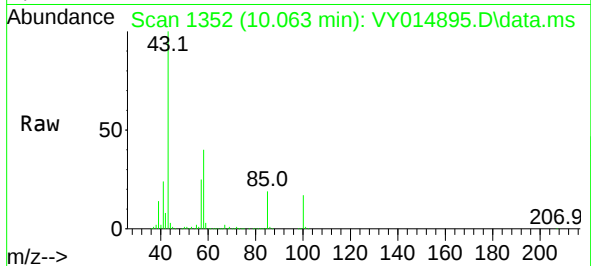
Tgt Ion: 98 Resp: 322522
 Ion Ratio Lower Upper
 98 100
 100 64.6 50.1 75.1





#51
4-Methyl-2-Pentanone
Concen: 291.779 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

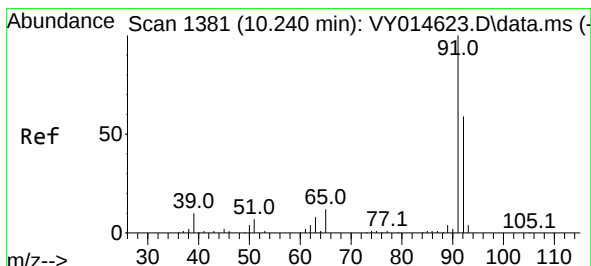
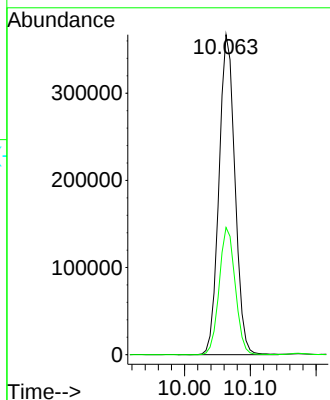
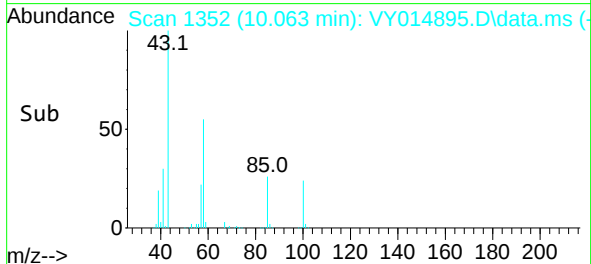
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 619440
Ion Ratio Lower Upper
43 100
58 40.0 29.0 43.6

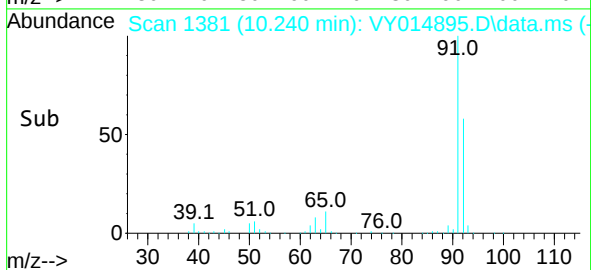
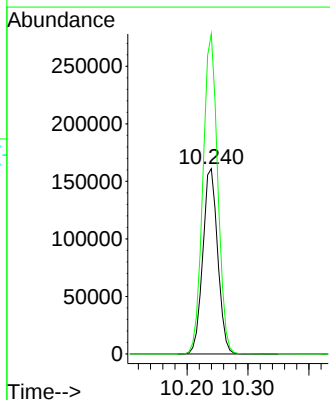
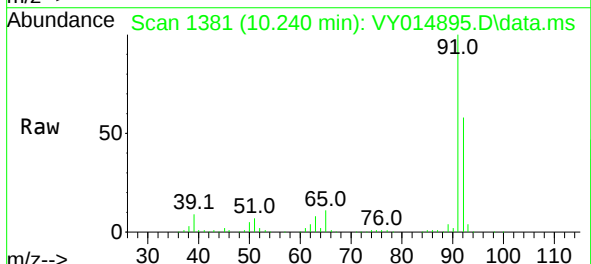
Manual Integrations
APPROVED

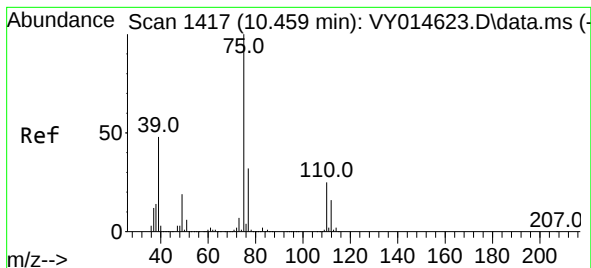
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#52
Toluene
Concen: 48.682 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

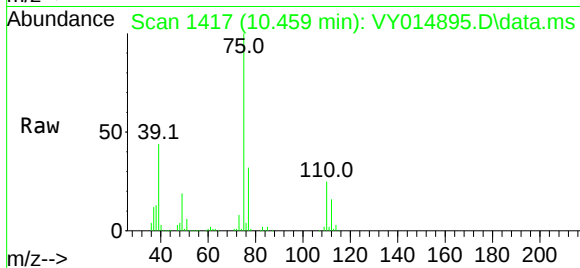
Tgt Ion: 92 Resp: 273145
Ion Ratio Lower Upper
92 100
91 171.9 143.8 215.6





#53
t-1,3-Dichloropropene
Concen: 45.717 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

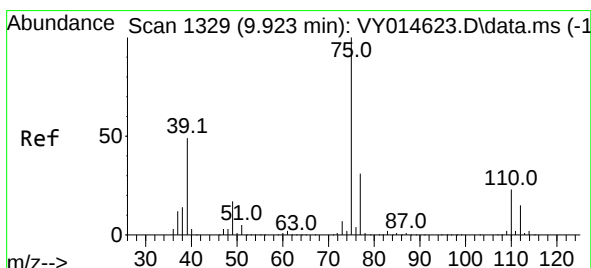
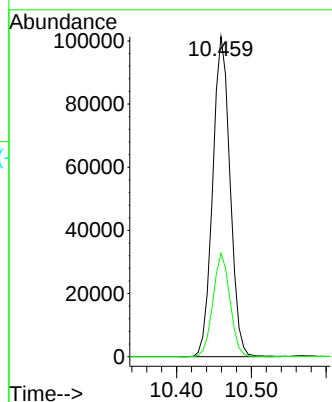
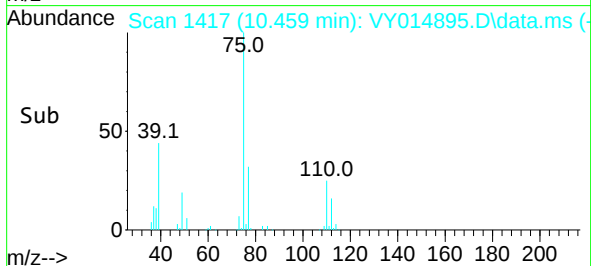
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 16370
Ion Ratio Lower Upper
75 100
77 32.3 25.0 37.4

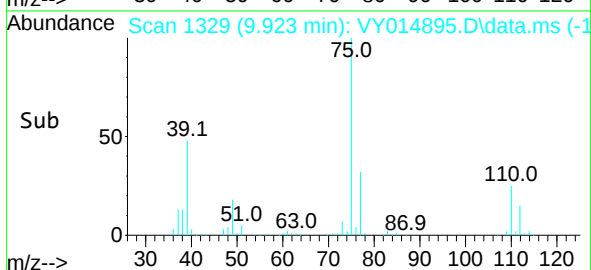
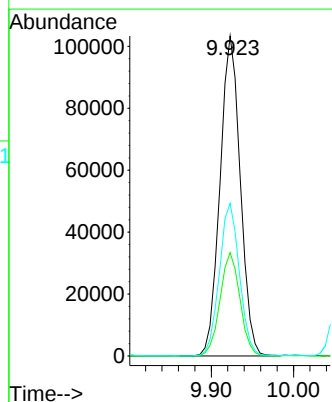
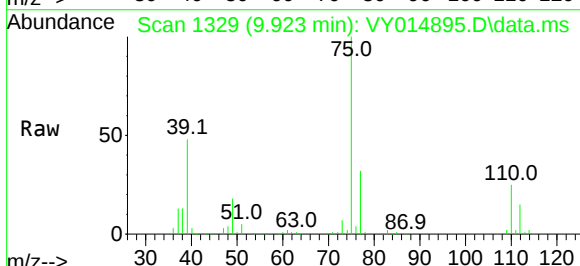
Manual Integrations
APPROVED

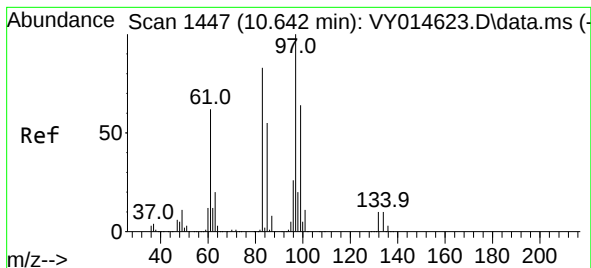
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#54
cis-1,3-Dichloropropene
Concen: 45.555 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

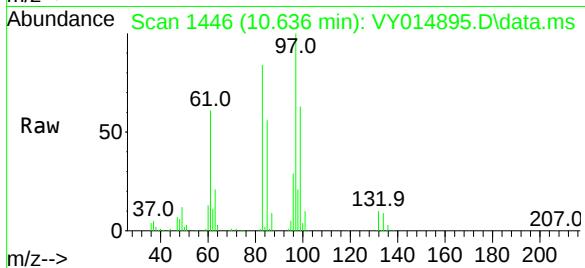
Tgt Ion: 75 Resp: 177395
Ion Ratio Lower Upper
75 100
77 32.3 24.2 36.4
39 47.7 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 53.903 ug/l
RT: 10.636 min Scan# 1446
Delta R.T. -0.006 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

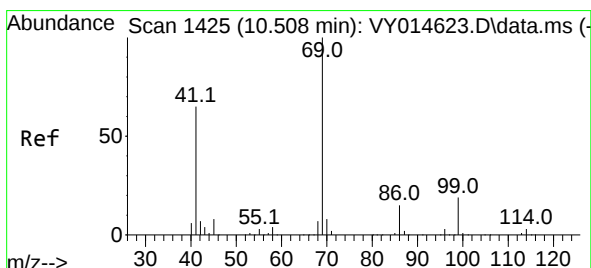
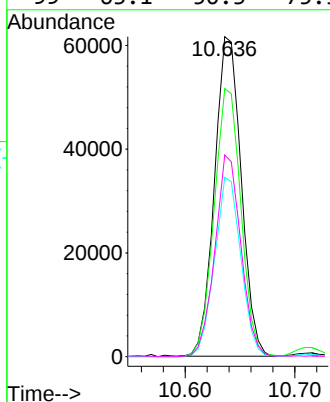
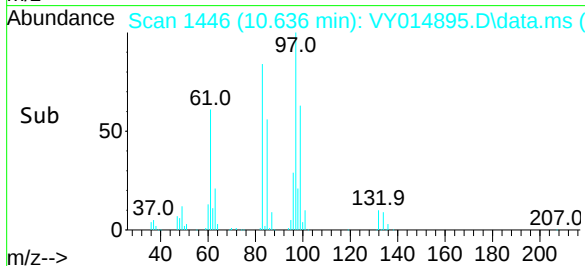


Tgt Ion: 97 Resp: 104292

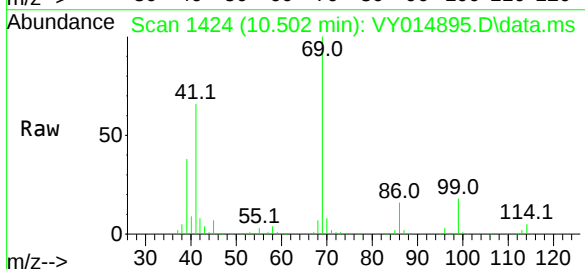
Ion	Ratio	Lower	Upper
97	100		
83	83.9	72.0	108.0
85	56.1	45.4	68.0
99	63.1	50.3	75.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

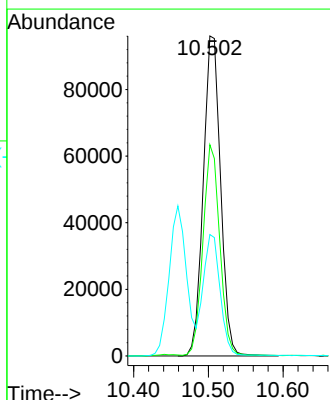
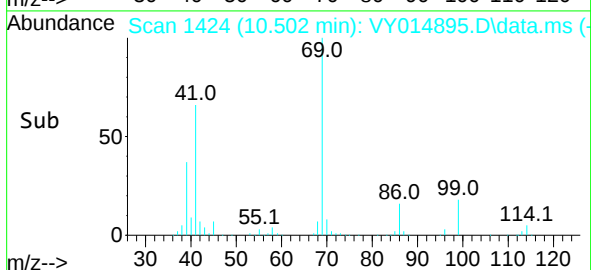


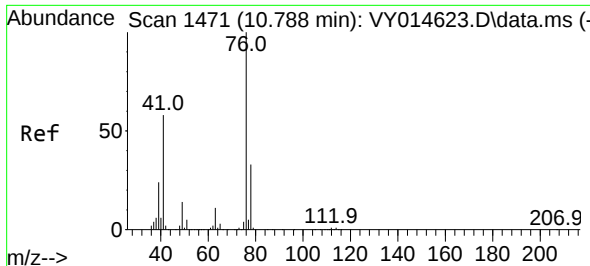
#56
Ethyl methacrylate
Concen: 52.258 ug/l
RT: 10.502 min Scan# 1424
Delta R.T. -0.006 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19



Tgt Ion: 69 Resp: 154376

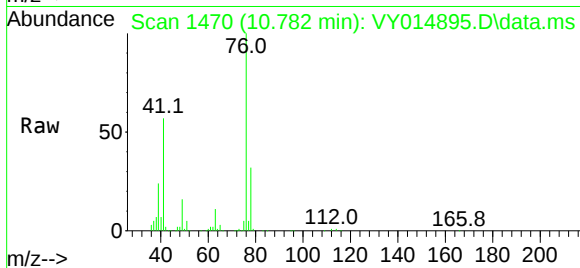
Ion	Ratio	Lower	Upper
69	100		
41	63.9	57.6	86.4
39	36.8	34.1	51.1





#57
1,3-Dichloropropane
Concen: 52.077 ug/l
RT: 10.782 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

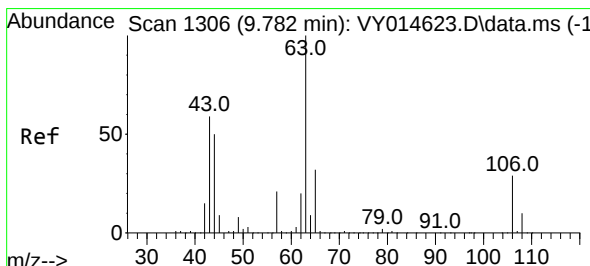
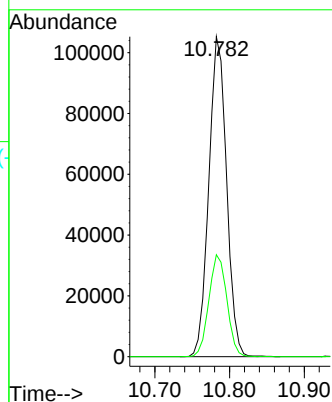
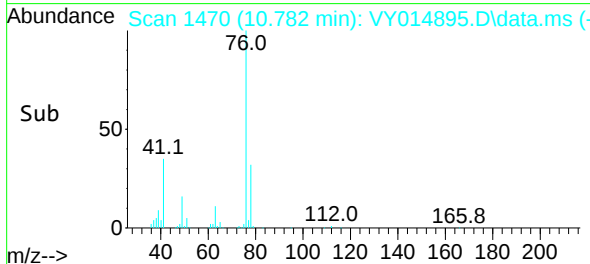
Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050EC



Tgt Ion: 76 Resp: 173780
Ion Ratio Lower Upper
76 100
78 32.2 25.3 37.9

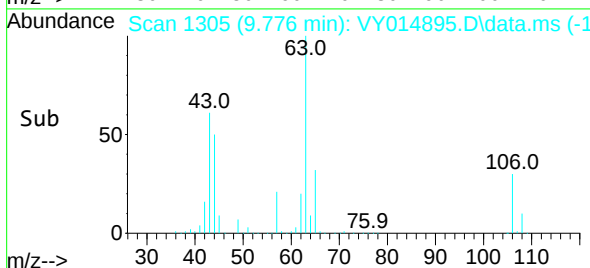
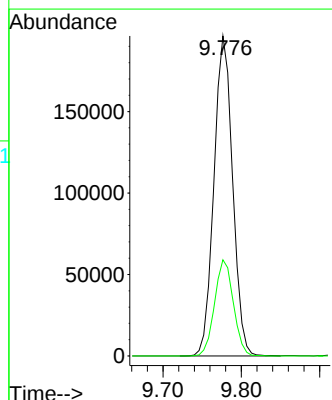
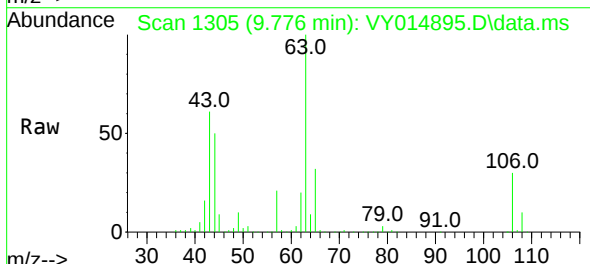
Manual Integrations
APPROVED

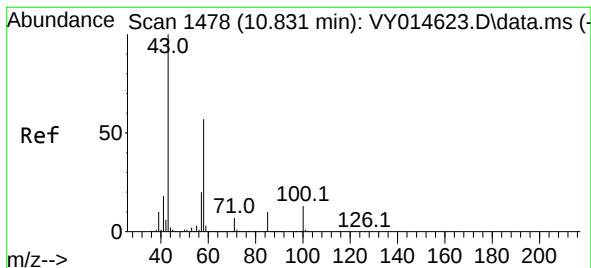
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#58
2-Chloroethyl Vinyl ether
Concen: 236.477 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. -0.006 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

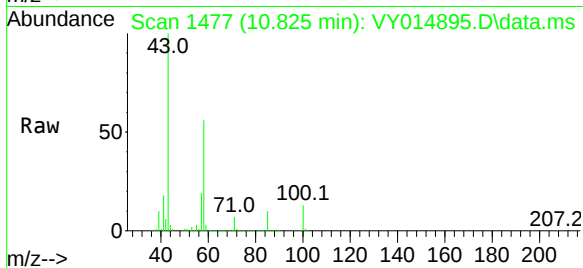
Tgt Ion: 63 Resp: 325498
Ion Ratio Lower Upper
63 100
106 30.2 21.2 31.8





#59
2-Hexanone
Concen: 292.490 ug/l
RT: 10.825 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

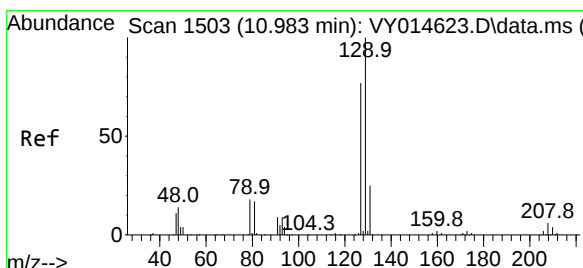
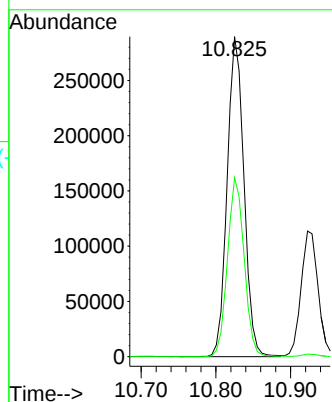
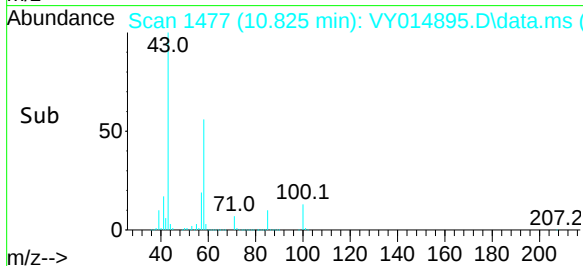
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 45283
Ion Ratio Lower Upper
43 100
58 55.6 25.1 75.3

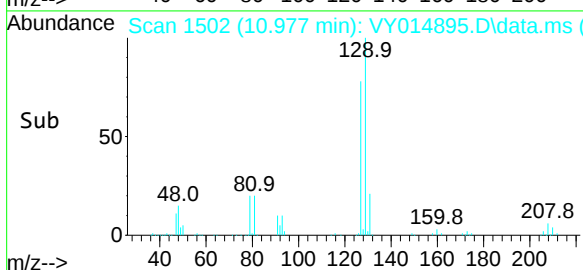
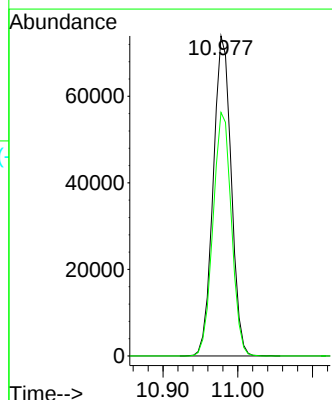
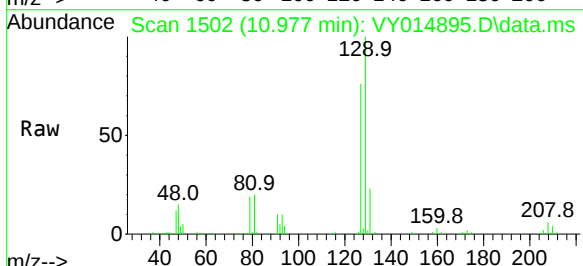
Manual Integrations
APPROVED

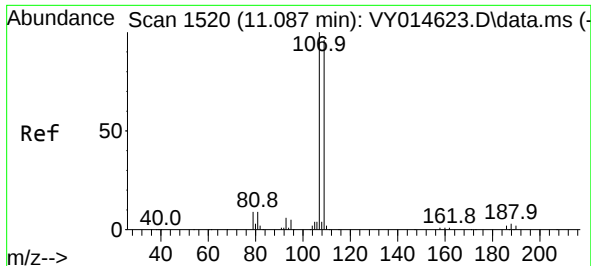
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#60
Dibromochloromethane
Concen: 52.132 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

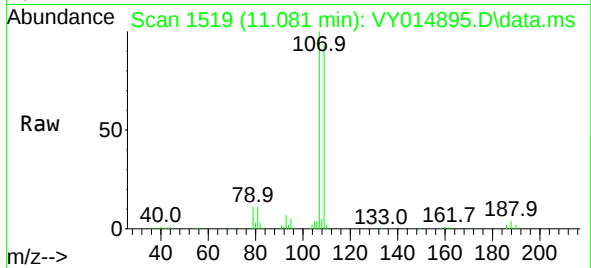
Tgt Ion:129 Resp: 123666
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.5





#61
1,2-Dibromoethane
Concen: 52.925 ug/l
RT: 11.081 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

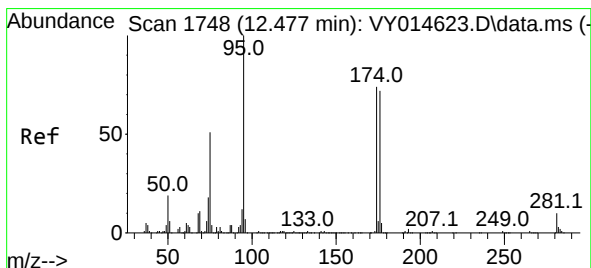
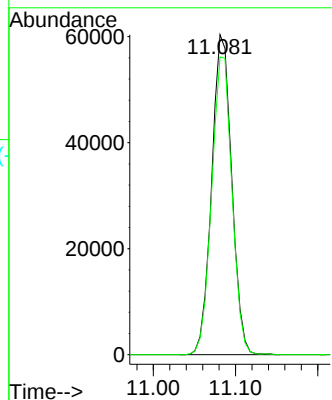
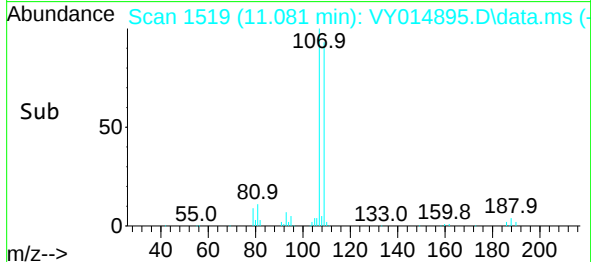
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 10215
Ion Ratio Lower Upper
107 100
109 94.5 75.6 113.4

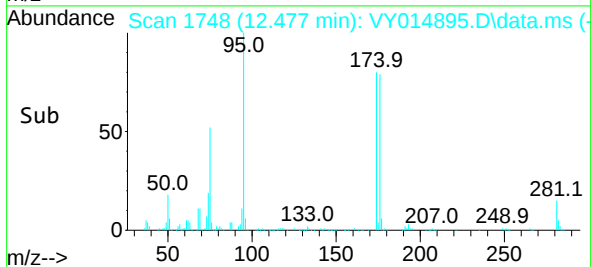
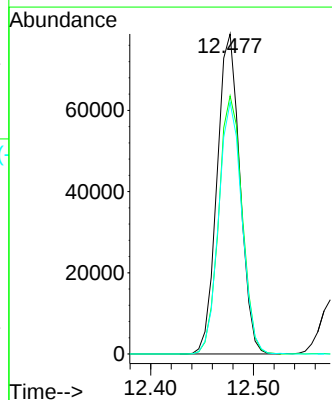
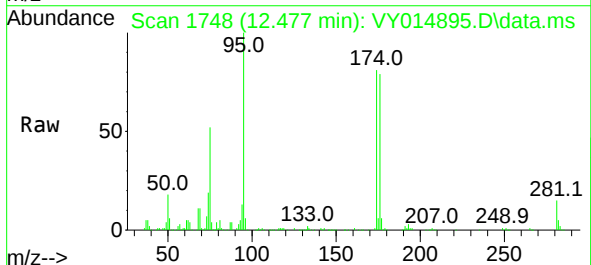
Manual Integrations
APPROVED

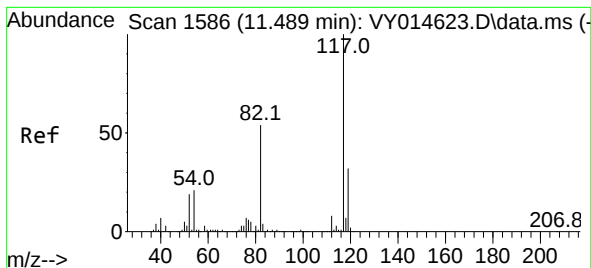
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#62
4-Bromofluorobenzene
Concen: 41.619 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

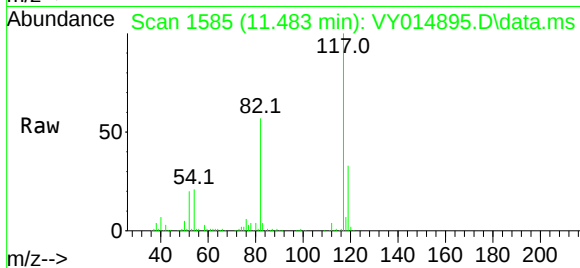
Tgt Ion: 95 Resp: 121291
Ion Ratio Lower Upper
95 100
174 82.5 0.0 178.2
176 80.0 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

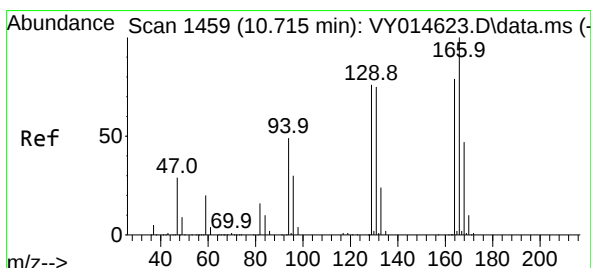
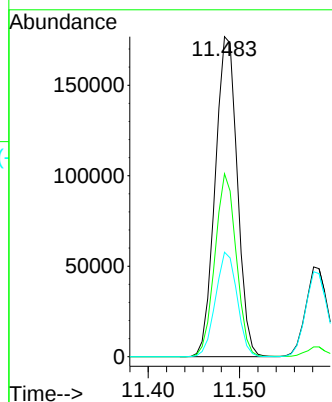
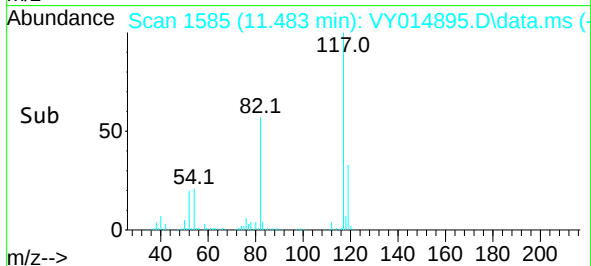
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 297369
Ion Ratio Lower Upper
117 100
82 57.2 43.4 65.0
119 32.6 26.3 39.5

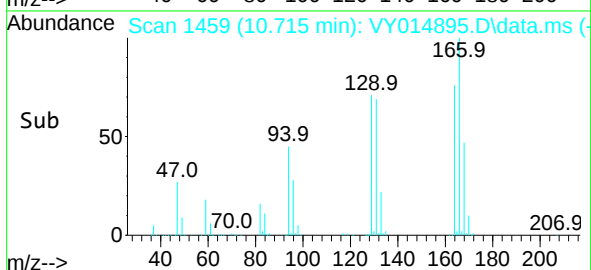
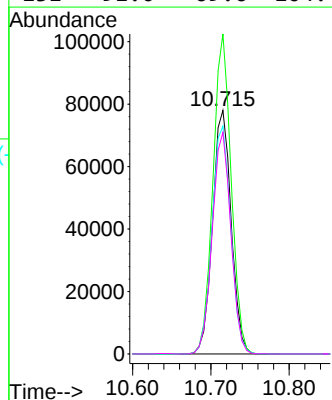
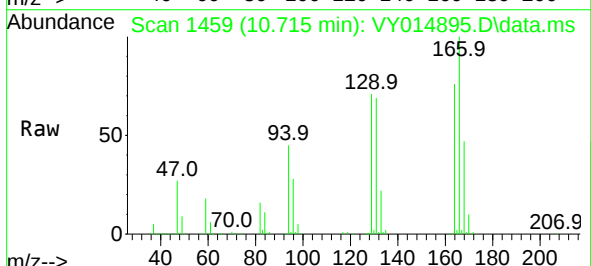
Manual Integrations
APPROVED

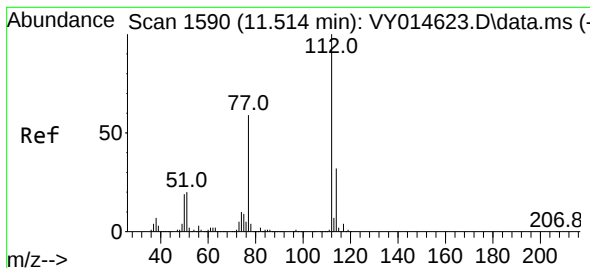
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#64
Tetrachloroethene
Concen: 53.788 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

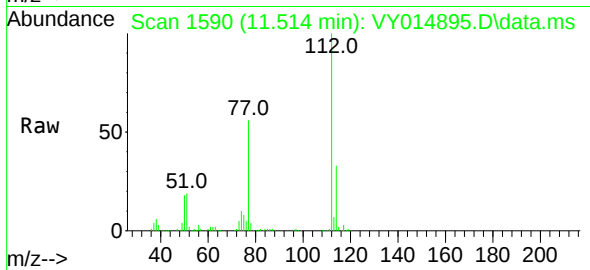
Tgt Ion:164 Resp: 128642
Ion Ratio Lower Upper
164 100
166 131.4 103.0 154.6
129 93.6 77.2 115.8
131 91.0 69.6 104.4





#65
Chlorobenzene
Concen: 48.215 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

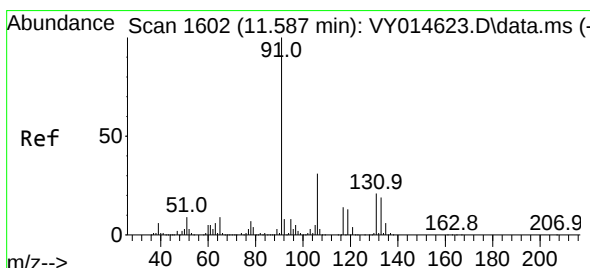
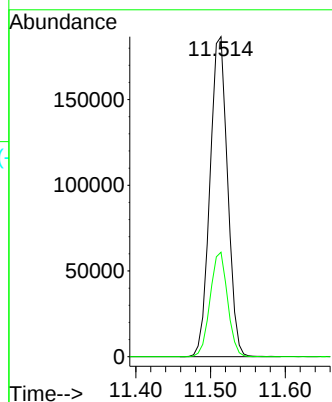
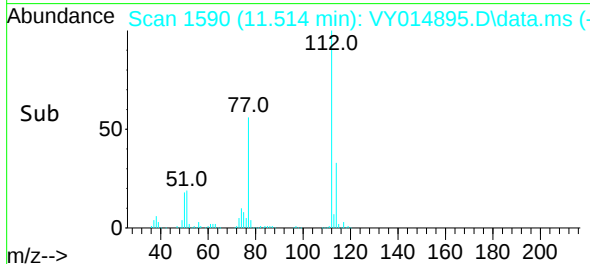
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



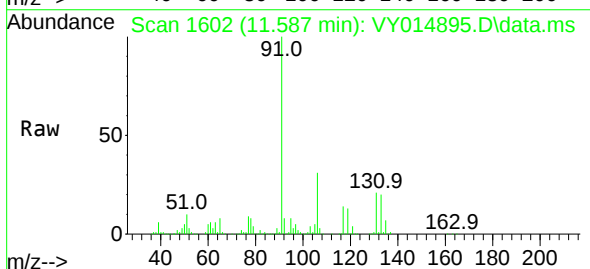
Tgt Ion:112 Resp: 30553
Ion Ratio Lower Upper
112 100
114 32.7 25.5 38.3

Manual Integrations
APPROVED

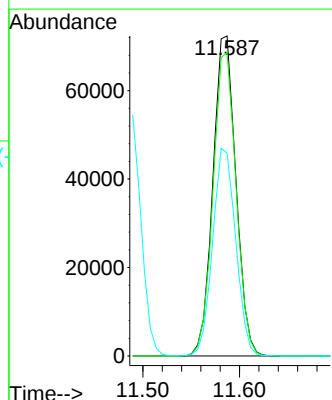
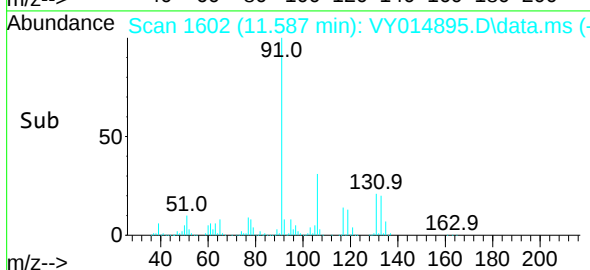
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

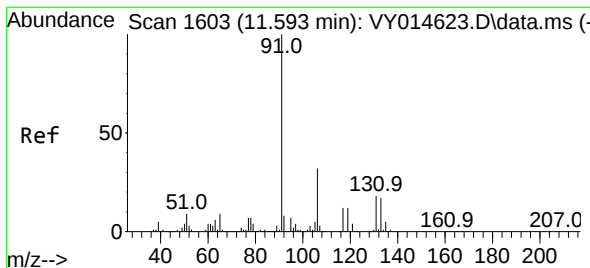


#66
1,1,1,2-Tetrachloroethane
Concen: 50.021 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19



Tgt Ion:131 Resp: 119514
Ion Ratio Lower Upper
131 100
133 95.0 47.5 142.6
119 65.1 31.6 94.7





#67

Ethyl Benzene

Concen: 46.810 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014895.D

Acq: 27 Jul 2023 20:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 53556

Ion Ratio Lower Upper

91 100

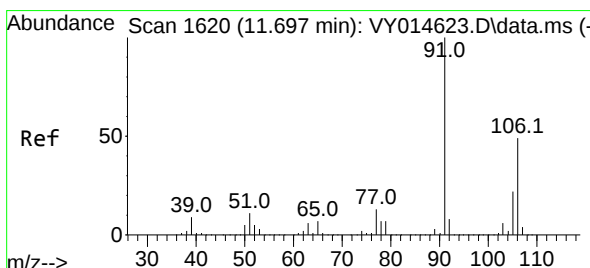
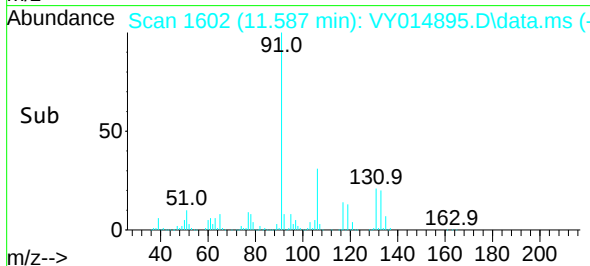
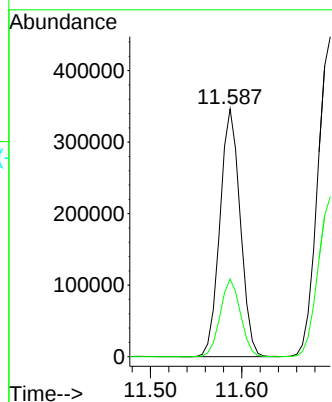
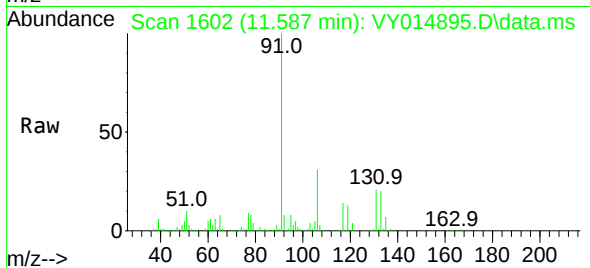
106 31.3 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#68

m/p-Xylenes

Concen: 93.355 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY014895.D

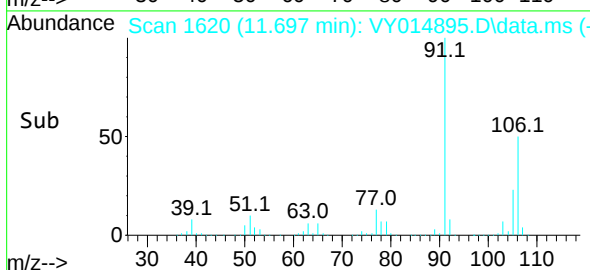
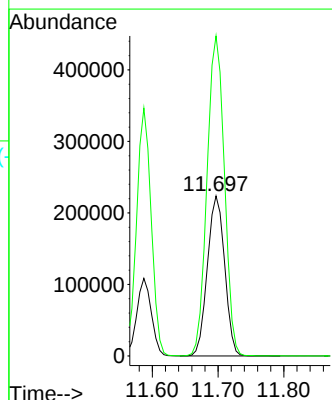
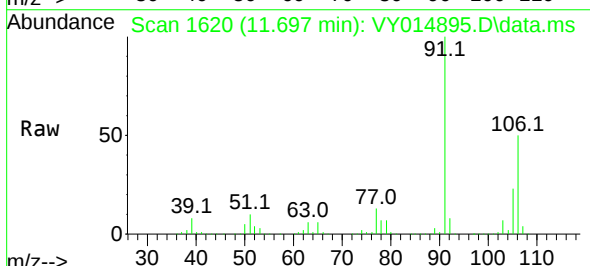
Acq: 27 Jul 2023 20:19

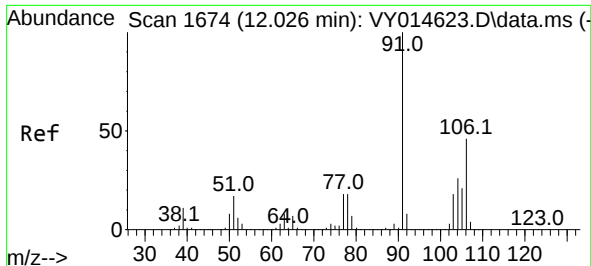
Tgt Ion:106 Resp: 407721

Ion Ratio Lower Upper

106 100

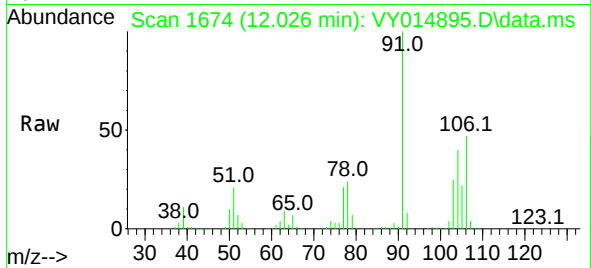
91 201.4 166.1 249.1





#69
o-Xylene
Concen: 47.474 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

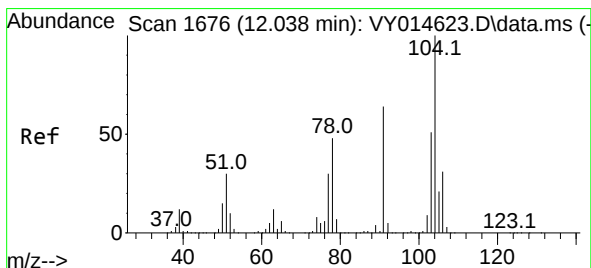
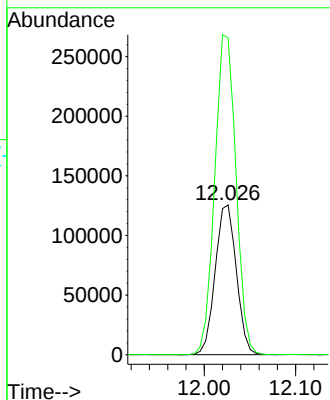
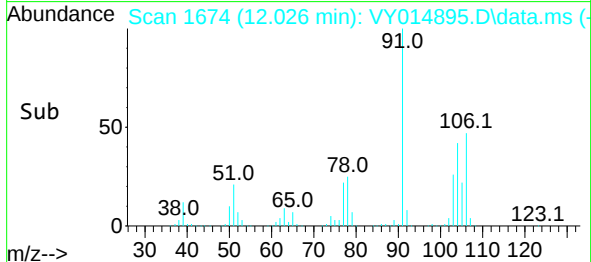
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 201949
Ion Ratio Lower Upper
106 100
91 214.9 108.1 324.3

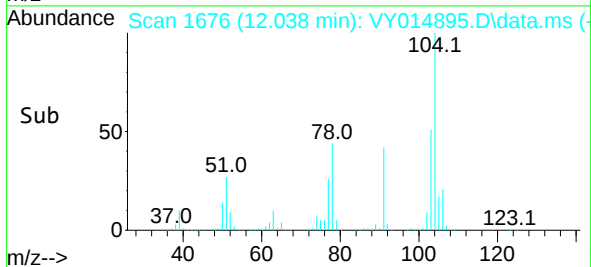
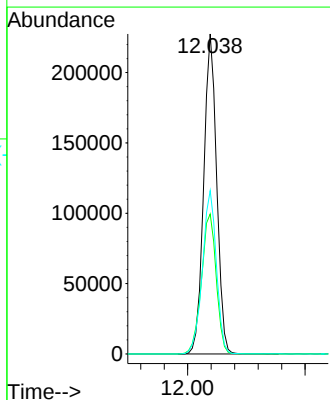
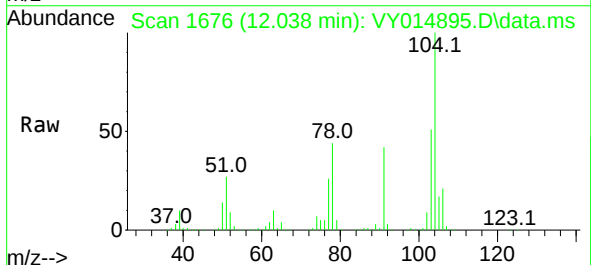
Manual Integrations
APPROVED

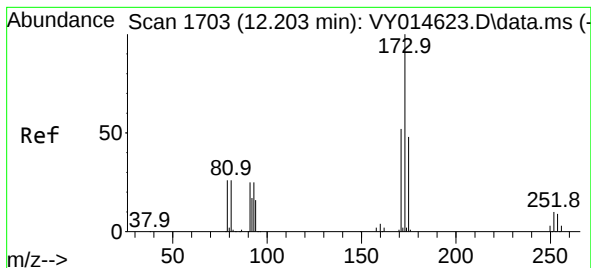
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#70
Styrene
Concen: 48.720 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

Tgt Ion:104 Resp: 349303
Ion Ratio Lower Upper
104 100
78 49.7 41.5 62.3
103 54.9 44.6 67.0





#71

Bromoform

Concen: 52.558 ug/l

RT: 12.203 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VY014895.D

Acq: 27 Jul 2023 20:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

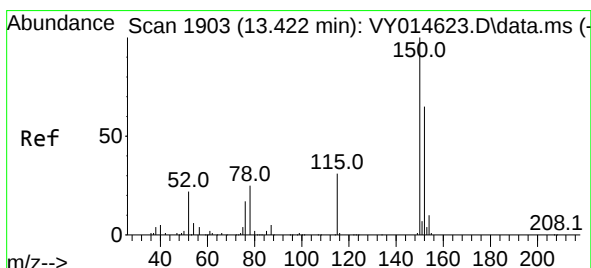
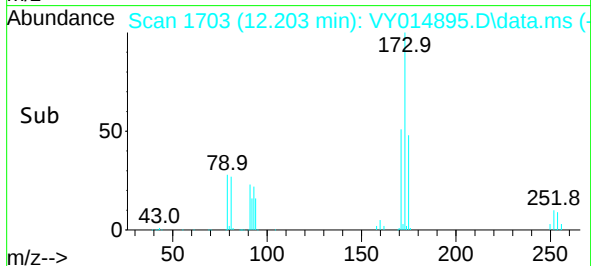
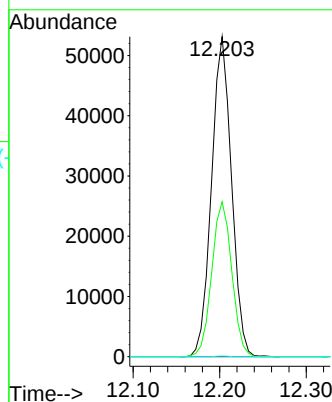
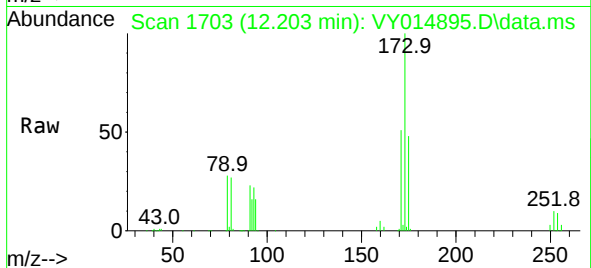
Tgt Ion:173	Resp:	85119
Ion Ratio	Lower	Upper
173	100	
175	48.4	24.6 73.8
254	0.1	0.2 0.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

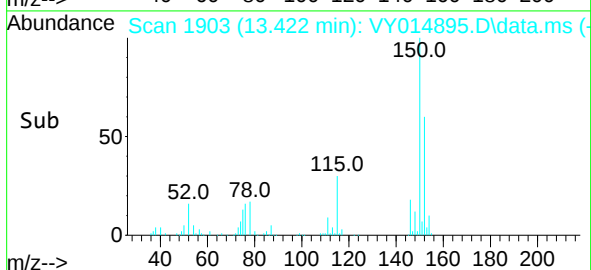
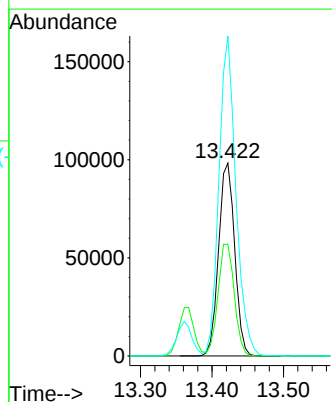
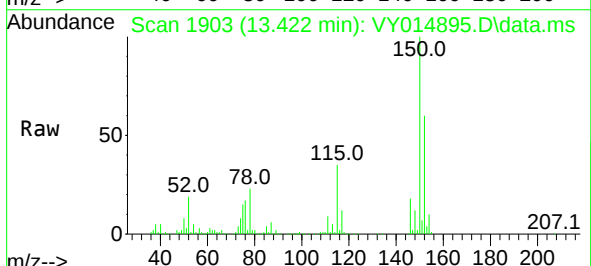
RT: 13.422 min Scan# 1903

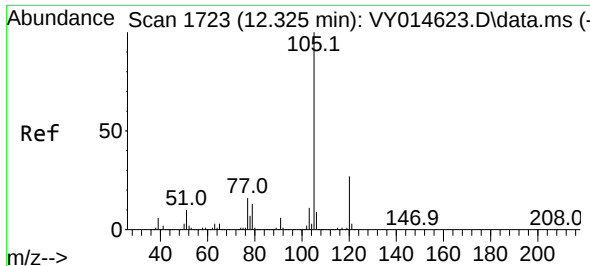
Delta R.T. 0.000 min

Lab File: VY014895.D

Acq: 27 Jul 2023 20:19

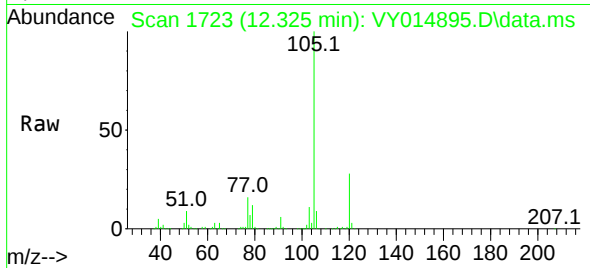
Tgt Ion:152	Resp:	153644
Ion Ratio	Lower	Upper
152	100	
115	58.6	28.8 86.5
150	174.6	0.0 348.8





#73
Isopropylbenzene
Concen: 43.605 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

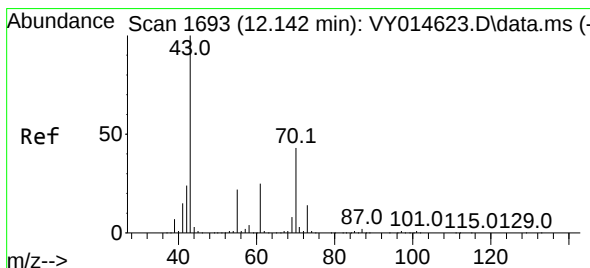
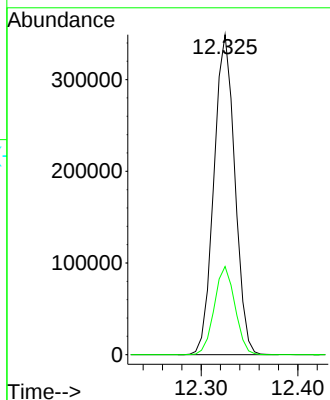
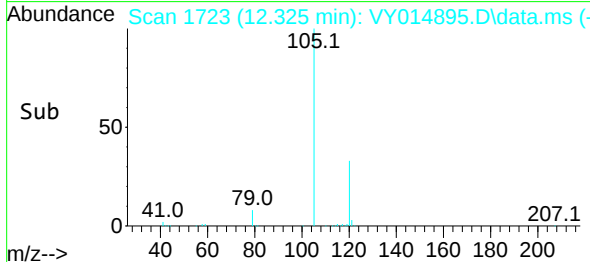
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



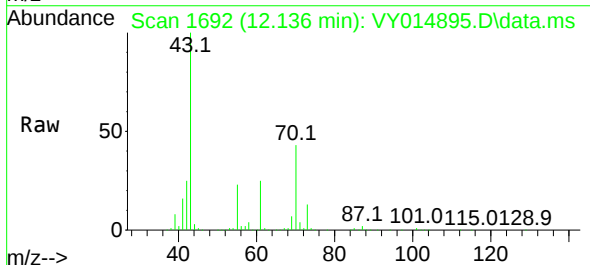
Tgt Ion:105 Resp: 524589
Ion Ratio Lower Upper
105 100
120 27.1 13.3 39.9

Manual Integrations
APPROVED

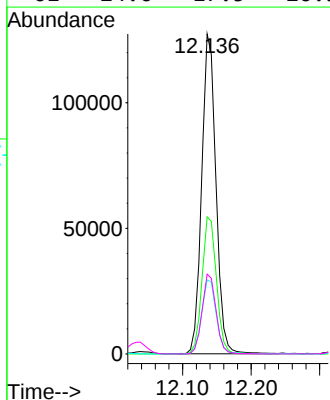
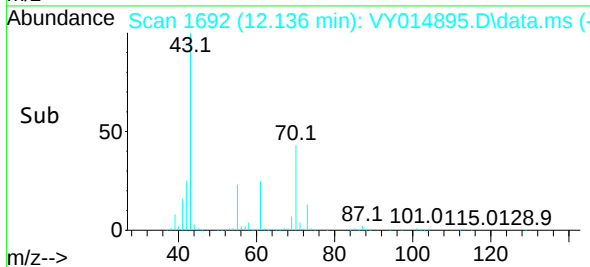
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

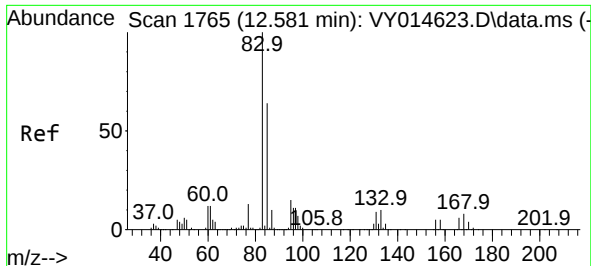


#74
N-ethyl acetate
Concen: 45.852 ug/l
RT: 12.136 min Scan# 1692
Delta R.T. -0.006 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19



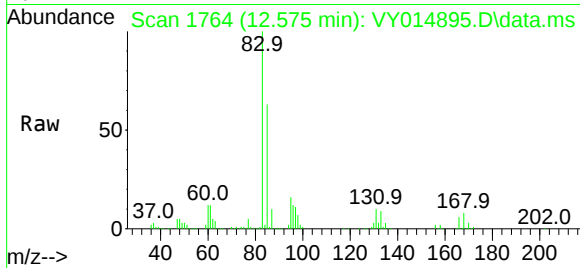
Tgt Ion: 43 Resp: 184746
Ion Ratio Lower Upper
43 100
70 43.6 29.7 44.5
55 23.8 18.3 27.5
61 24.6 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 49.369 ug/l
RT: 12.575 min Scan# 1764
Delta R.T. -0.006 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

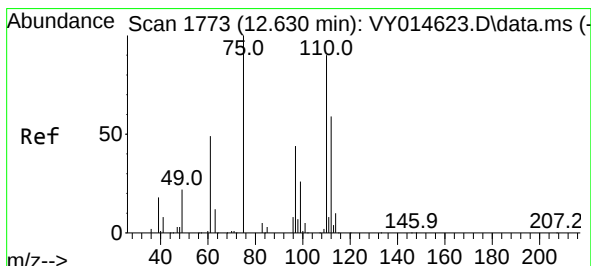
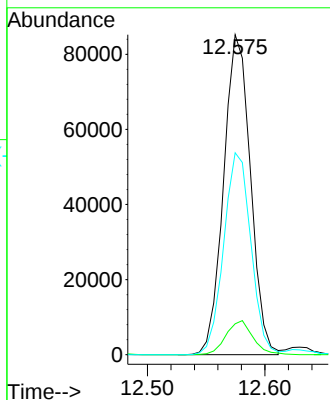
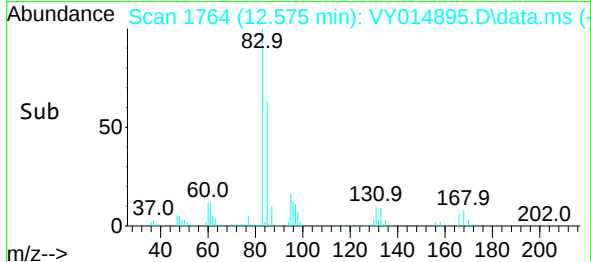
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



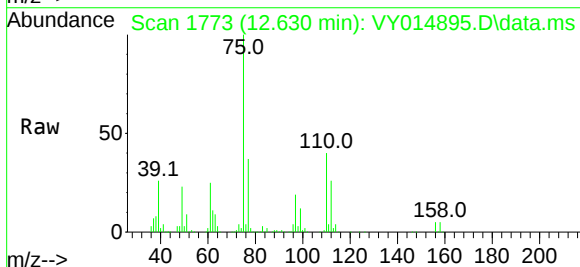
Tgt Ion: 83 Resp: 13544
Ion Ratio Lower Upper
83 100
131 10.7 5.4 16.2
85 64.1 31.8 95.4

Manual Integrations
APPROVED

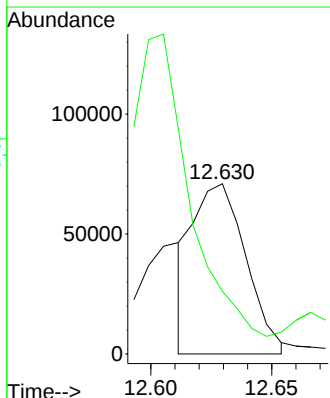
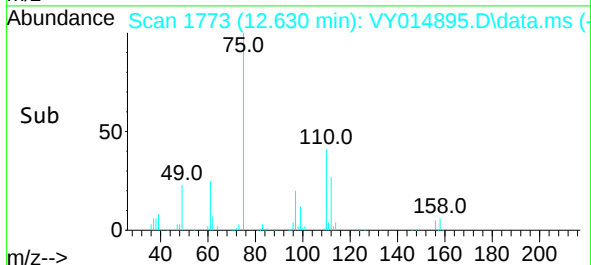
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

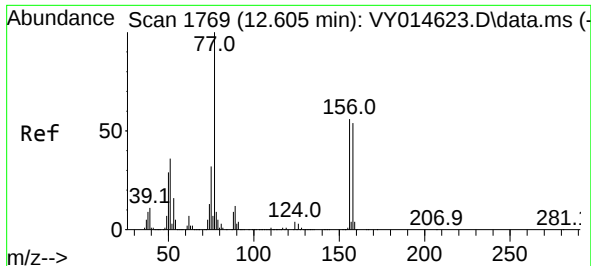


#76
1,2,3-Trichloropropane
Concen: 55.842 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19



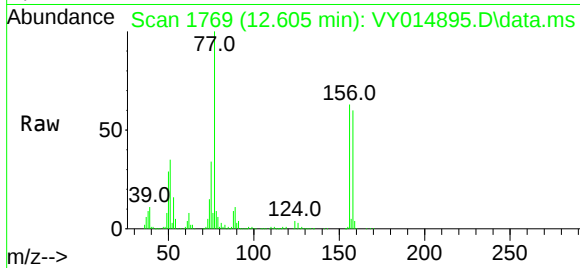
Tgt Ion: 75 Resp: 108361
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 47.707 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

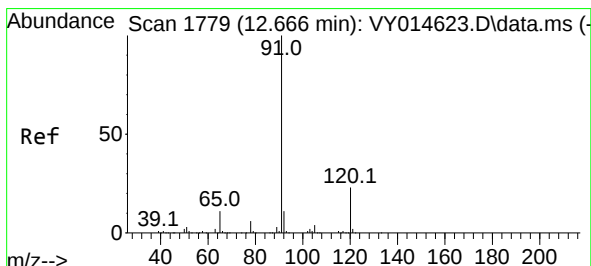
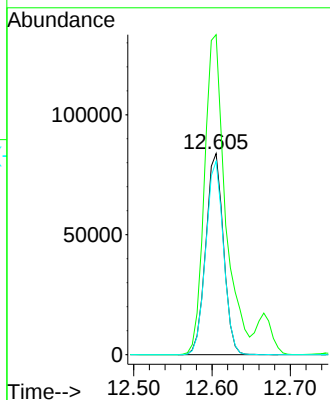
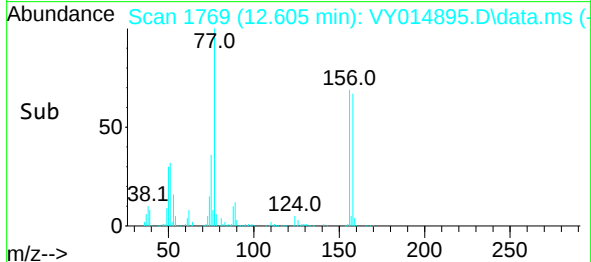
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



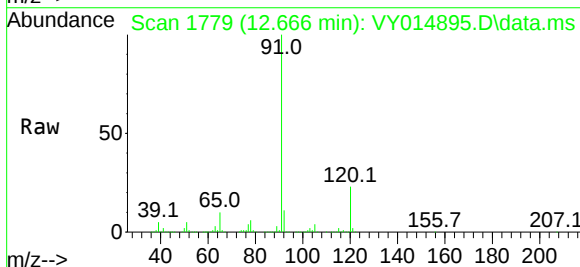
Tgt Ion:156 Resp: 13101
Ion Ratio Lower Upper
156 100
77 188.8 92.8 278.6
158 96.6 48.4 145.3

Manual Integrations
APPROVED

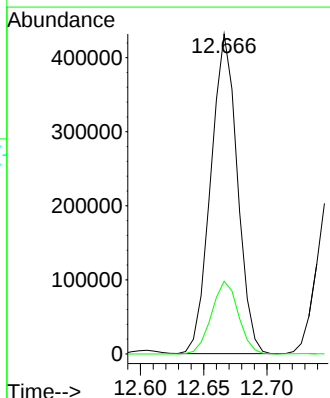
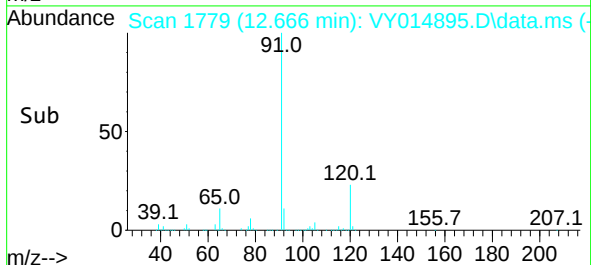
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

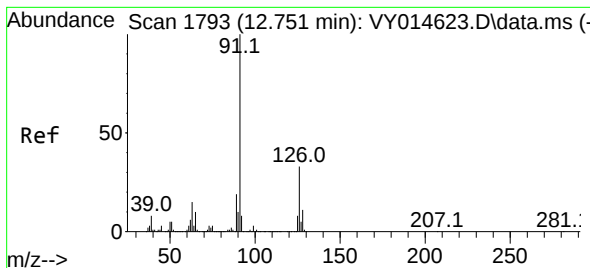


#78
n-propylbenzene
Concen: 43.475 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19



Tgt Ion: 91 Resp: 630251
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4





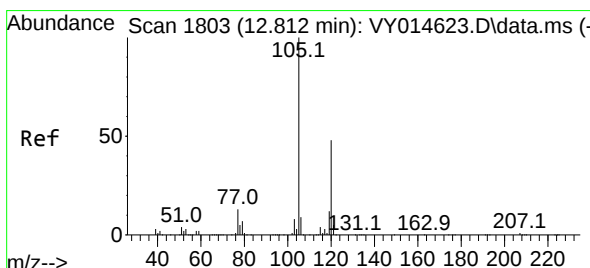
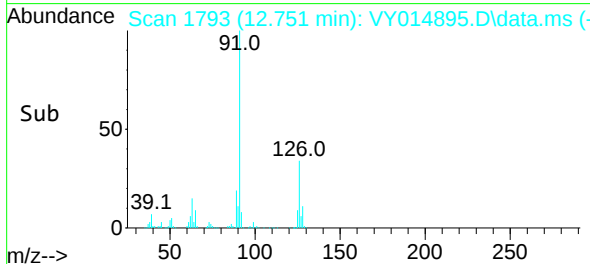
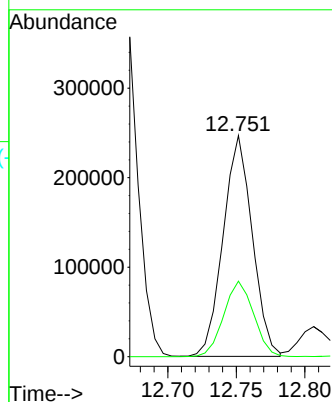
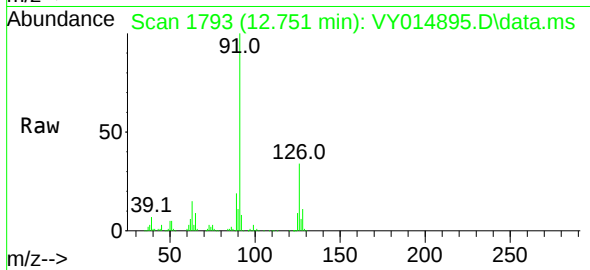
#79
2-Chlorotoluene
Concen: 43.760 ug/l
RT: 12.751 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 36539
Ion Ratio Lower Upper
91 100
126 35.1 17.3 51.7

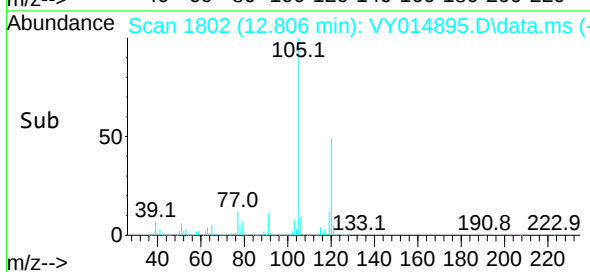
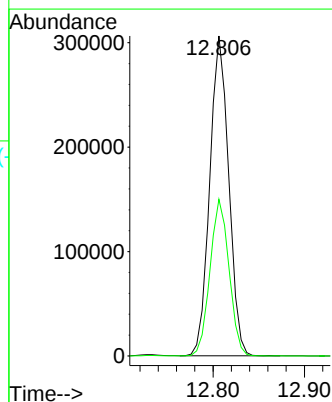
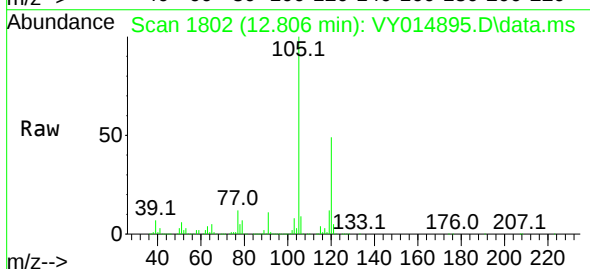
Manual Integrations
APPROVED

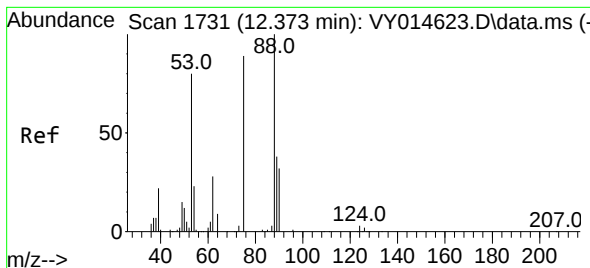
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#80
1,3,5-Trimethylbenzene
Concen: 43.851 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

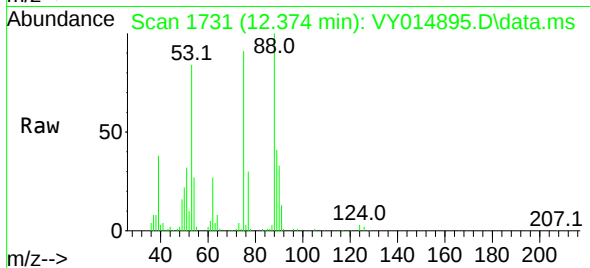
Tgt Ion:105 Resp: 440580
Ion Ratio Lower Upper
105 100
120 49.1 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 38.520 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.001 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

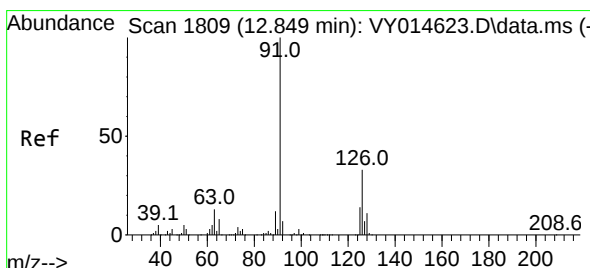
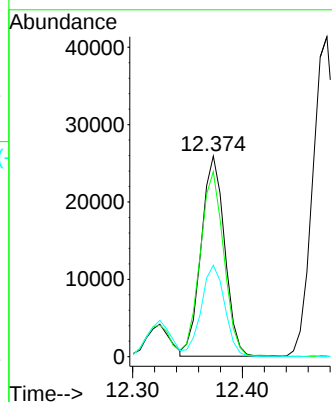
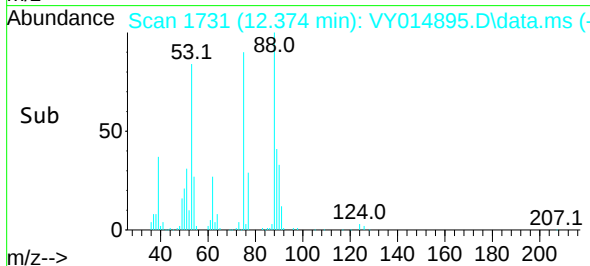
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 38600
Ion Ratio Lower Upper
75 100
53 93.8 77.8 116.8
89 46.1 37.4 56.0

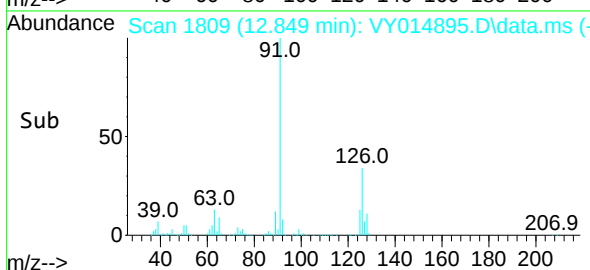
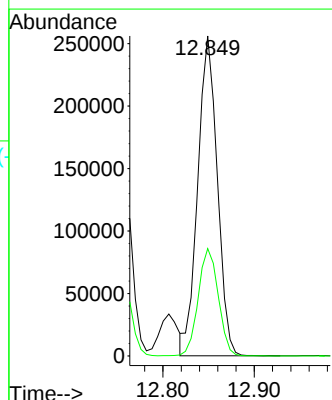
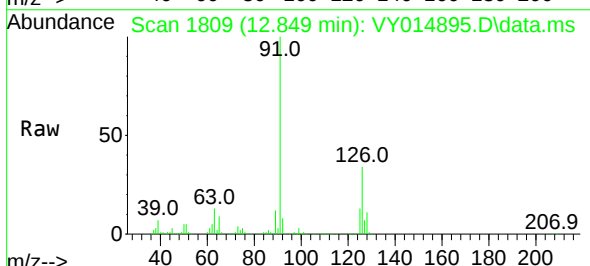
Manual Integrations
APPROVED

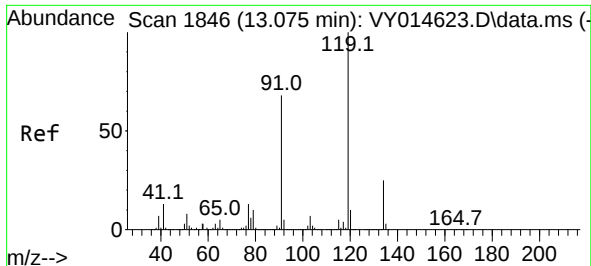
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#82
4-Chlorotoluene
Concen: 44.143 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

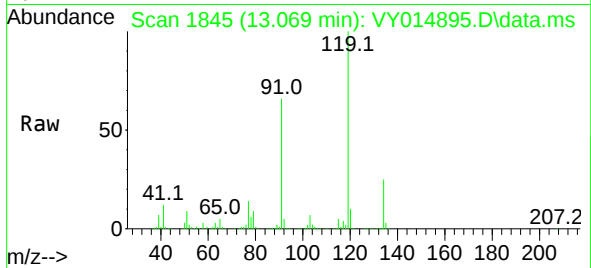
Tgt Ion: 91 Resp: 379607
Ion Ratio Lower Upper
91 100
126 34.5 17.2 51.6





#83
tert-Butylbenzene
Concen: 43.338 ug/l
RT: 13.069 min Scan# 119
Delta R.T. -0.006 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

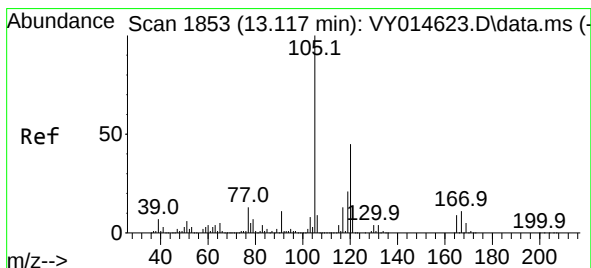
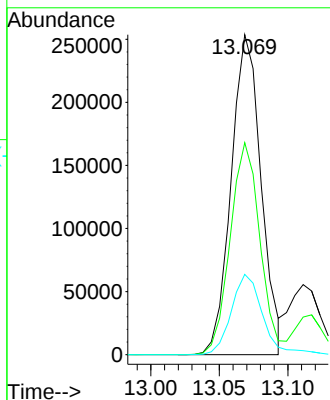
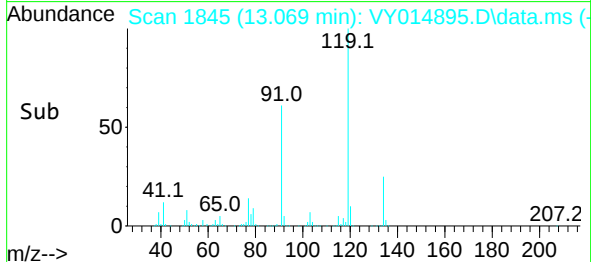
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 386252
Ion Ratio Lower Upper
119 100
91 66.3 32.9 98.6
134 26.3 13.0 38.9

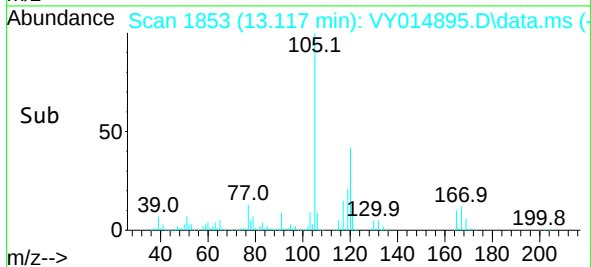
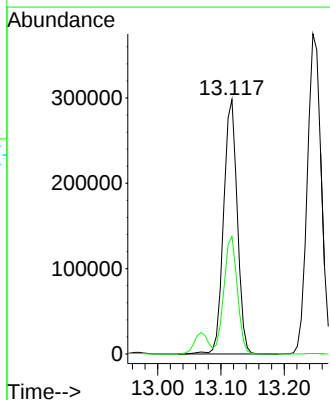
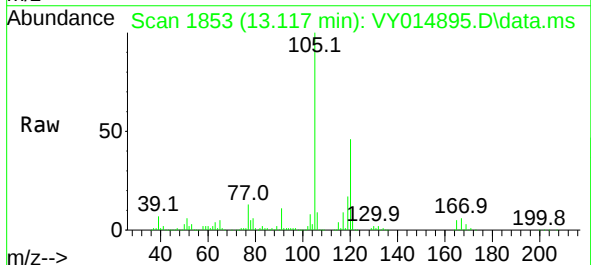
Manual Integrations
APPROVED

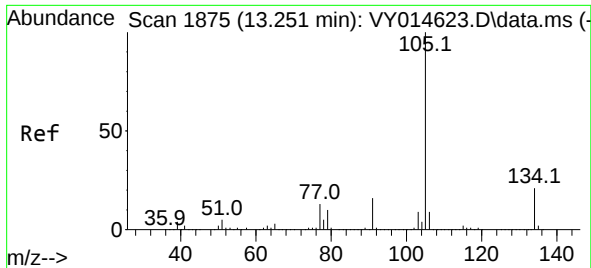
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#84
1,2,4-Trimethylbenzene
Concen: 45.197 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

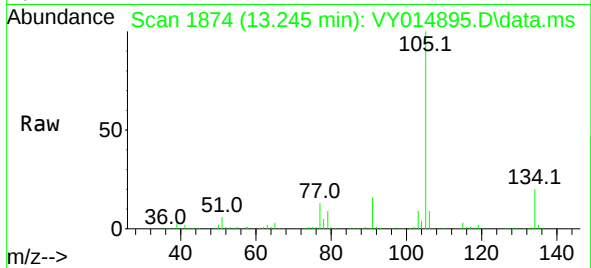
Tgt Ion:105 Resp: 445643
Ion Ratio Lower Upper
105 100
120 45.4 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 43.725 ug/l
 RT: 13.245 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VY014895.D
 Acq: 27 Jul 2023 20:19

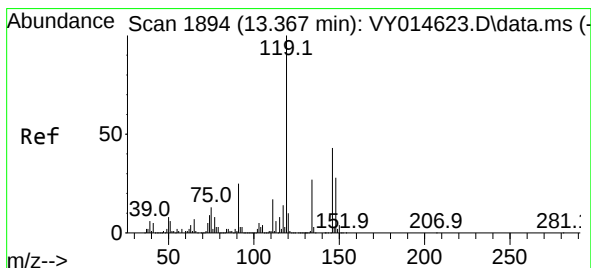
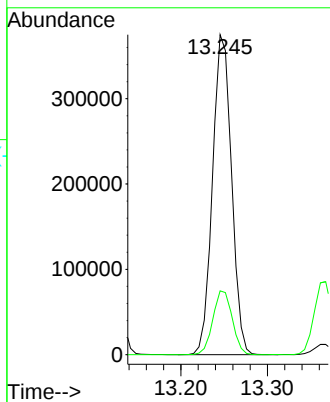
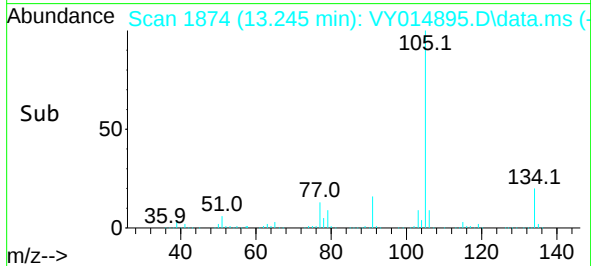
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:105 Resp: 571660
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.6

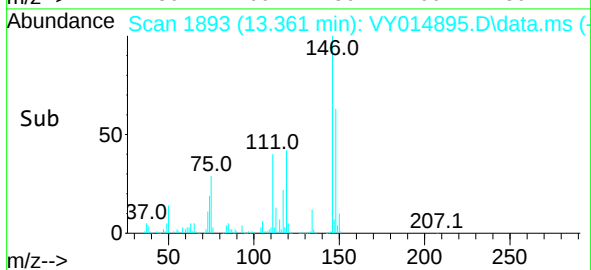
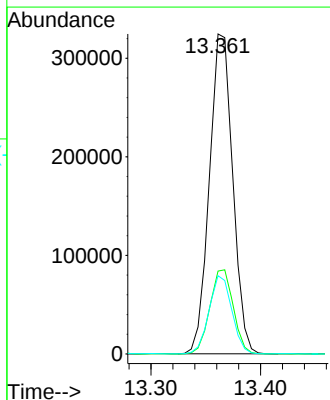
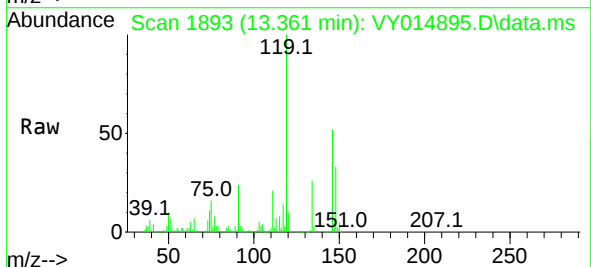
Manual Integrations
 APPROVED

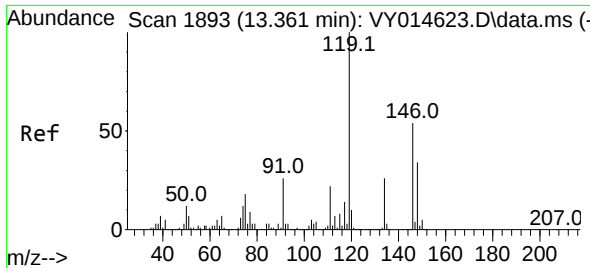
Reviewed By :John Carlone 07/28/2023
 Supervised By :Mahesh Dadoda 07/28/2023



#86
 p-Isopropyltoluene
 Concen: 45.047 ug/l
 RT: 13.361 min Scan# 1893
 Delta R.T. -0.006 min
 Lab File: VY014895.D
 Acq: 27 Jul 2023 20:19

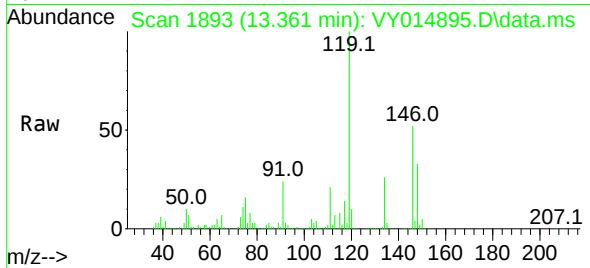
Tgt Ion:119 Resp: 480857
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.8
 91 23.8 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 47.583 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

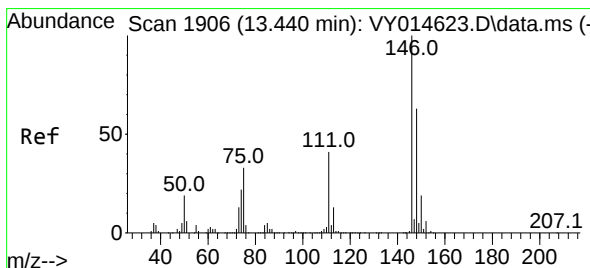
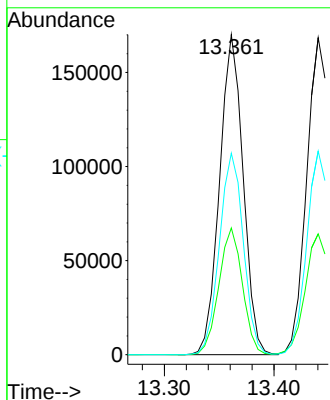
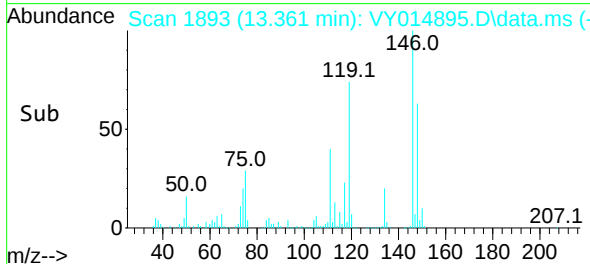
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



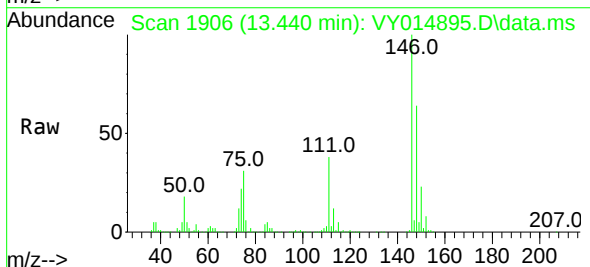
Tgt Ion:146 Resp: 254314
Ion Ratio Lower Upper
146 100
111 39.7 19.4 58.2
148 64.0 31.9 95.5

Manual Integrations
APPROVED

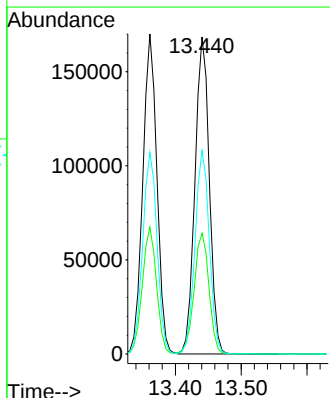
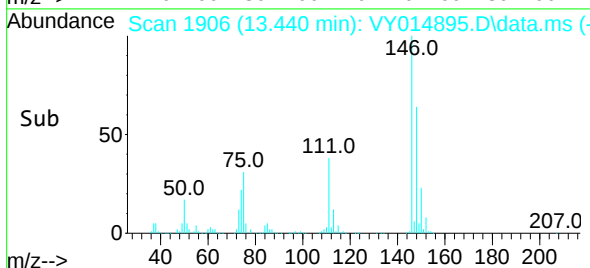
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

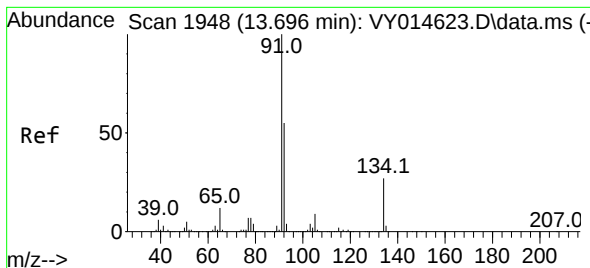


#88
1,4-Dichlorobenzene
Concen: 47.755 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19



Tgt Ion:146 Resp: 255766
Ion Ratio Lower Upper
146 100
111 39.1 18.9 56.7
148 64.1 32.1 96.5





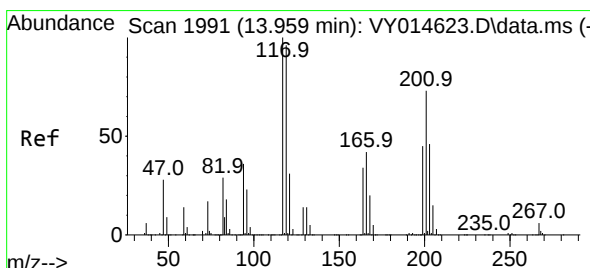
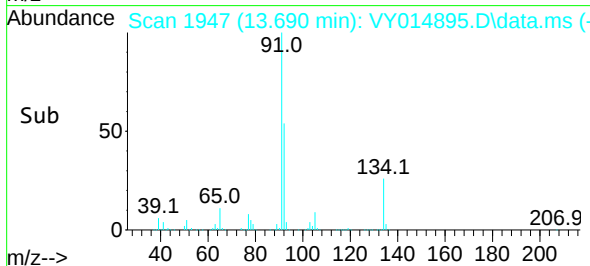
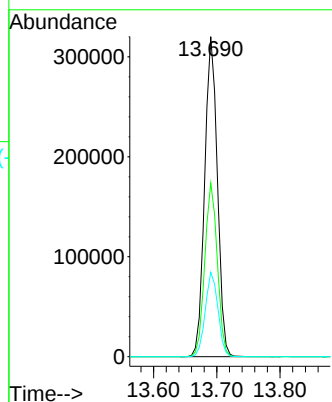
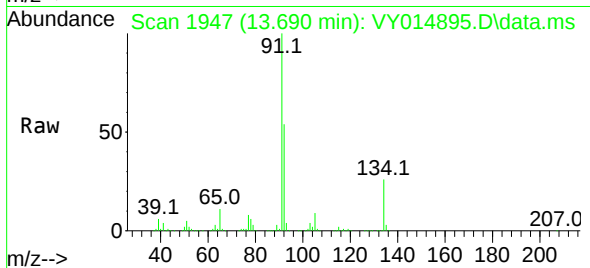
#89
n-Butylbenzene
Concen: 43.173 ug/l
RT: 13.690 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 44836
Ion Ratio Lower Upper
91 100
92 53.5 25.4 76.0
134 26.4 12.6 37.6

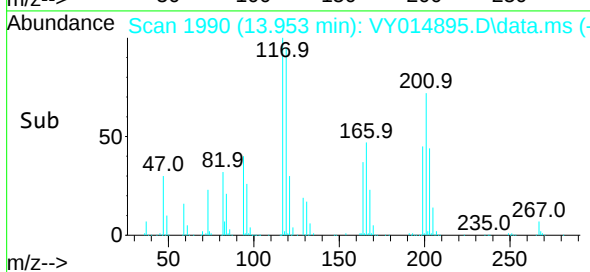
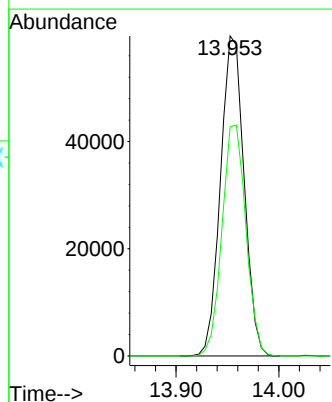
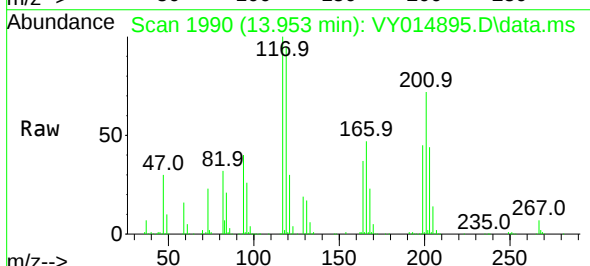
Manual Integrations
APPROVED

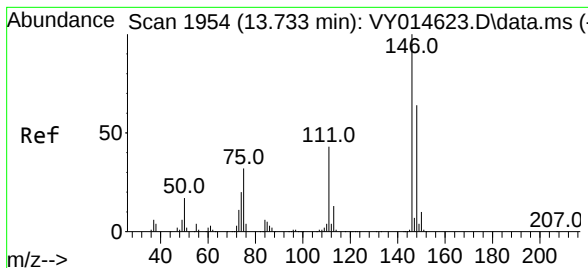
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#90
Hexachloroethane
Concen: 43.359 ug/l
RT: 13.953 min Scan# 1990
Delta R.T. -0.006 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

Tgt Ion:117 Resp: 95066
Ion Ratio Lower Upper
117 100
201 73.2 41.6 124.8





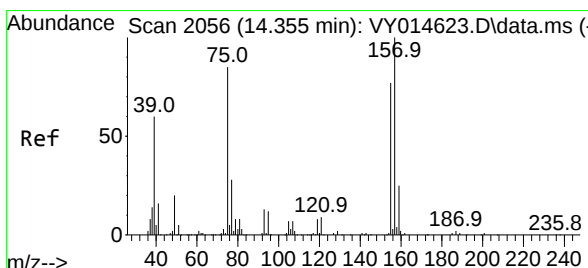
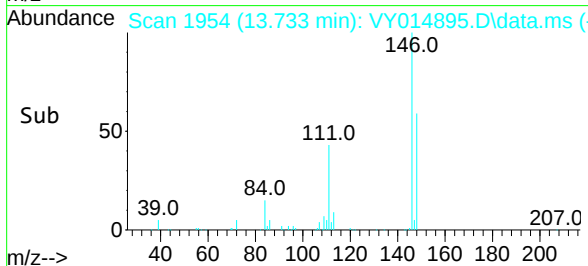
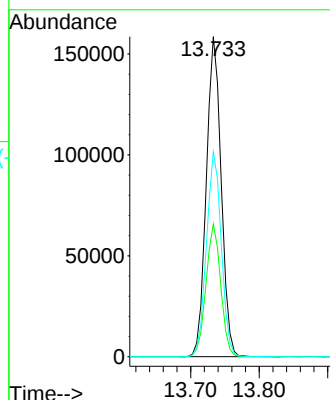
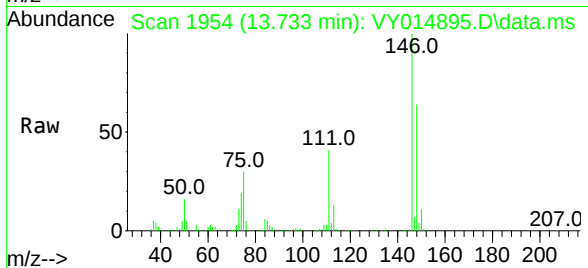
#91
1,2-Dichlorobenzene
Concen: 48.968 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. 0.000 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 239784
Ion Ratio Lower Upper
146 100
111 41.0 19.7 59.0
148 63.9 32.0 96.2

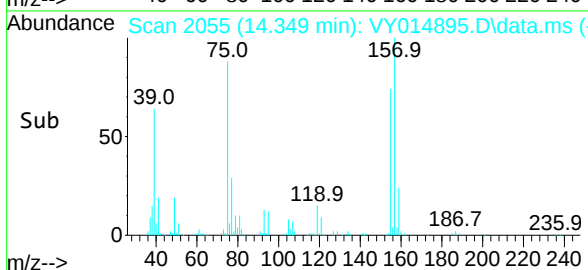
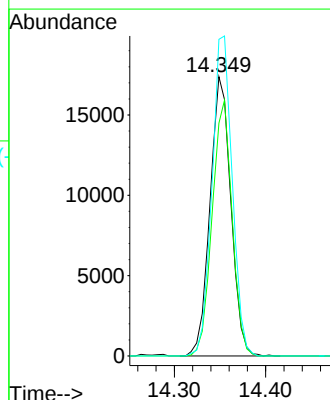
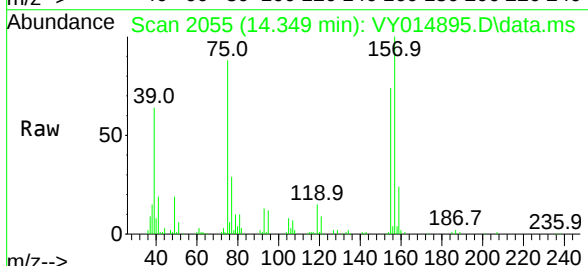
Manual Integrations
APPROVED

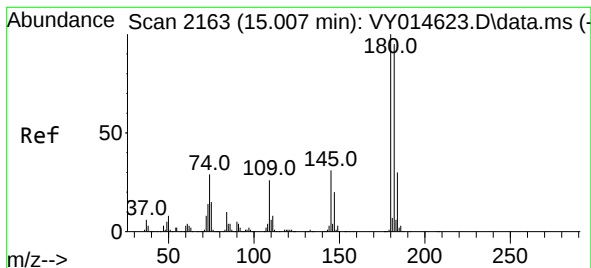
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.558 ug/l
RT: 14.349 min Scan# 2055
Delta R.T. -0.006 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

Tgt Ion: 75 Resp: 27575
Ion Ratio Lower Upper
75 100
155 87.5 41.5 124.6
157 111.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 49.699 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY014895.D

Acq: 27 Jul 2023 20:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 15448

Ion Ratio Lower Upper

180 100

182 94.3 47.0 141.2

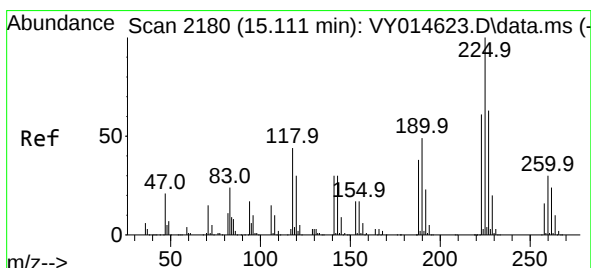
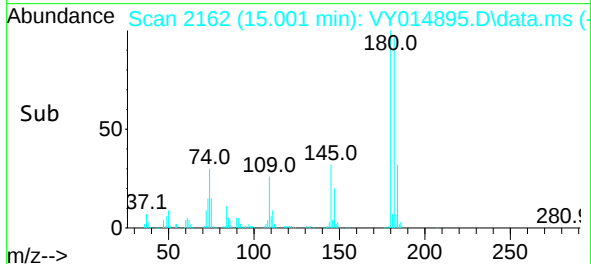
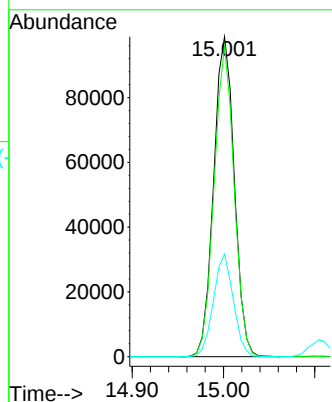
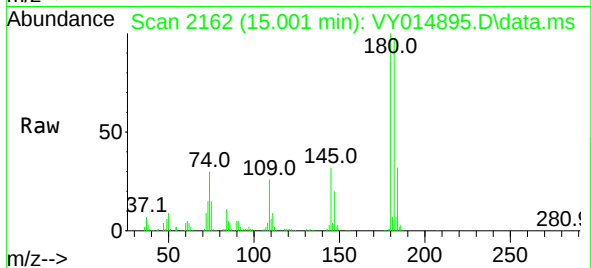
145 31.0 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#94

Hexachlorobutadiene

Concen: 45.826 ug/l

RT: 15.105 min Scan# 2179

Delta R.T. -0.006 min

Lab File: VY014895.D

Acq: 27 Jul 2023 20:19

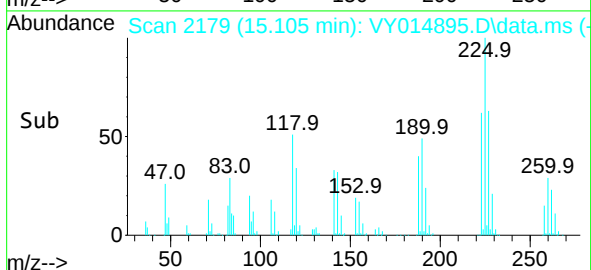
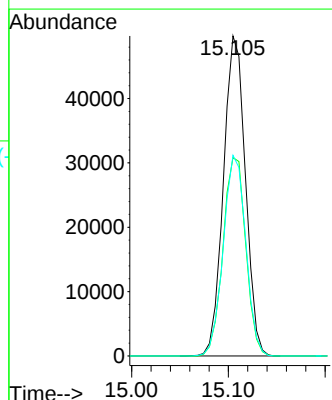
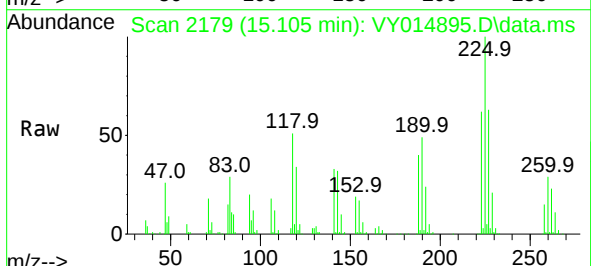
Tgt Ion:225 Resp: 78280

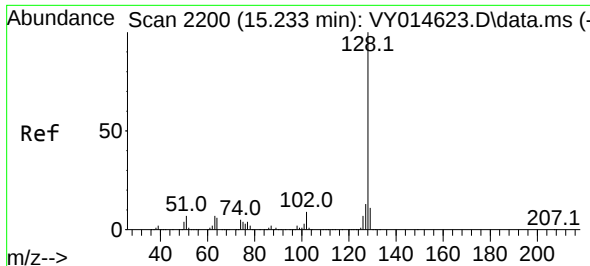
Ion Ratio Lower Upper

225 100

223 64.1 31.9 95.9

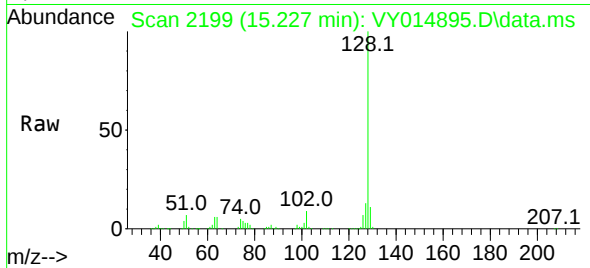
227 64.2 33.0 98.9





#95
Naphthalene
Concen: 55.014 ug/l
RT: 15.227 min Scan# 2199
Delta R.T. -0.006 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

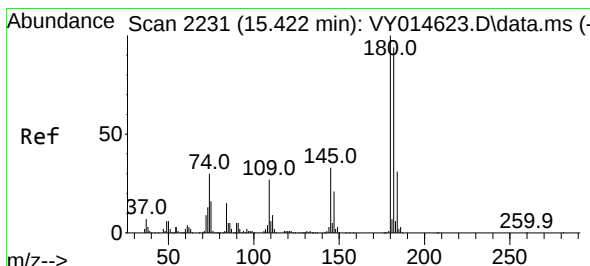
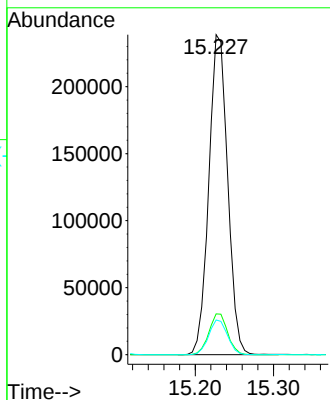
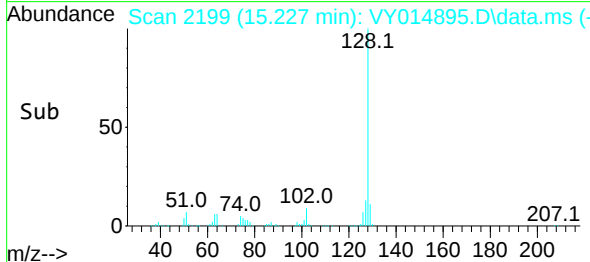
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 398404
Ion Ratio Lower Upper
128 100
127 12.7 10.8 16.2
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#96
1,2,3-Trichlorobenzene
Concen: 51.490 ug/l
RT: 15.416 min Scan# 2230
Delta R.T. -0.006 min
Lab File: VY014895.D
Acq: 27 Jul 2023 20:19

Tgt Ion:180 Resp: 142247
Ion Ratio Lower Upper
180 100
182 95.0 47.3 141.8
145 33.3 15.4 46.2

