

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070523\
 Data File : VY014553.D
 Acq On : 05 Jul 2023 12:24
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 05 14:53:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/06/2023
 Supervised By : Mahesh Dadoda 07/06/2023

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	267420	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	381918	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	359766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	195040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	131401	49.394	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.780%		
35) Dibromofluoromethane	7.710	113	122561	52.112	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	104.220%		
50) Toluene-d8	10.179	98	474847	51.074	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	102.140%		
62) 4-Bromofluorobenzene	12.477	95	165300	51.202	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	102.400%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	96358	50.337	ug/l	97
3) Chloromethane	2.107	50	154625	49.926	ug/l	97
4) Vinyl Chloride	2.241	62	179747	50.351	ug/l	99
5) Bromomethane	2.638	94	146323	52.859	ug/l	97
6) Chloroethane	2.778	64	117885	51.286	ug/l	97
7) Trichlorofluoromethane	3.113	101	212575	49.029	ug/l	100
8) Diethyl Ether	3.522	74	80607	49.101	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.887	101	131584	50.821	ug/l	97
10) Methyl Iodide	4.082	142	133294	45.114	ug/l	91
11) Tert butyl alcohol	4.960	59	104874	225.644	ug/l #	83
12) 1,1-Dichloroethene	3.863	96	123038	49.053	ug/l	90
13) Acrolein	3.723	56	95675	271.190	ug/l	99
14) Allyl chloride	4.473	41	188016	49.732	ug/l	88
15) Acrylonitrile	5.155	53	240989	255.712	ug/l	98
16) Acetone	3.942	43	194380	233.975	ug/l #	86
17) Carbon Disulfide	4.180	76	372656	48.753	ug/l	99
18) Methyl Acetate	4.466	43	189118	50.007	ug/l	91
19) Methyl tert-butyl Ether	5.216	73	368736	51.150	ug/l	98
20) Methylene Chloride	4.704	84	157218	52.693	ug/l	88
21) trans-1,2-Dichloroethene	5.210	96	143595	50.576	ug/l	96
22) Diisopropyl ether	6.112	45	399588	51.295	ug/l	91
23) Vinyl Acetate	6.052	43	1170127	259.624	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	243551	49.802	ug/l	98
25) 2-Butanone	6.978	43	295664	240.355	ug/l	93
26) 2,2-Dichloropropane	6.972	77	189226	45.396	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	154549	47.987	ug/l	94
28) Bromochloromethane	7.326	49	98802	48.114	ug/l	90
29) Tetrahydrofuran	7.344	42	201310	253.716	ug/l	89
30) Chloroform	7.502	83	250184	49.042	ug/l	96
31) Cyclohexane	7.777	56	197110	47.228	ug/l	94
32) 1,1,1-Trichloroethane	7.691	97	208108	47.725	ug/l	99
36) 1,1-Dichloropropene	7.911	75	186351	51.740	ug/l	98
37) Ethyl Acetate	7.070	43	129763	52.535	ug/l #	93
38) Carbon Tetrachloride	7.893	117	191214	50.857	ug/l	99
39) Methylcyclohexane	9.179	83	226315	52.570	ug/l	92
40) Benzene	8.155	78	545990	50.080	ug/l	99

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Reviewed By :John Carlone 07/06/2023
 Supervised By :Mahesh Dadoda 07/06/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	62413m	51.722	ug/l	
42) 1,2-Dichloroethane	8.234	62	168217	52.494	ug/l	95
43) Isopropyl Acetate	8.271	43	217623	51.990	ug/l #	92
44) Trichloroethene	8.935	130	151474	49.836	ug/l	96
45) 1,2-Dichloropropane	9.210	63	146949	52.541	ug/l	98
46) Dibromomethane	9.301	93	90169	52.957	ug/l	97
47) Bromodichloromethane	9.490	83	195640	52.148	ug/l	97
48) Methyl methacrylate	9.289	41	103557	54.403	ug/l #	83
49) 1,4-Dioxane	9.295	88	31467	1034.945	ug/l #	47
51) 4-Methyl-2-Pentanone	10.069	43	667152	269.215	ug/l	90
52) Toluene	10.240	92	345360	50.339	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	207292	51.670	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	231629	51.747	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	127751	51.563	ug/l	98
56) Ethyl methacrylate	10.508	69	178940	53.094	ug/l #	82
57) 1,3-Dichloropropane	10.788	76	210501	52.145	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	443488	271.626	ug/l	98
59) 2-Hexanone	10.831	43	486039	271.514	ug/l	88
60) Dibromochloromethane	10.984	129	149613	51.536	ug/l	100
61) 1,2-Dibromoethane	11.087	107	124265	51.375	ug/l	99
64) Tetrachloroethene	10.715	164	163266	50.766	ug/l	95
65) Chlorobenzene	11.514	112	382291	49.862	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	147586	50.647	ug/l	97
67) Ethyl Benzene	11.587	91	668722	51.147	ug/l	99
68) m/p-Xylenes	11.703	106	522817	100.809	ug/l	95
69) o-Xylene	12.026	106	248939	50.609	ug/l	97
70) Styrene	12.038	104	437064	51.645	ug/l	97
71) Bromoform	12.203	173	112582	50.854	ug/l #	100
73) Isopropylbenzene	12.325	105	649527	50.849	ug/l	99
74) N-amyl acetate	12.142	43	203411	52.762	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	168734	51.475	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	118696m	51.861	ug/l	
77) Bromobenzene	12.605	156	175446	50.287	ug/l	97
78) n-propylbenzene	12.672	91	806532	51.761	ug/l	99
79) 2-Chlorotoluene	12.752	91	455049	50.745	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	556193	51.434	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.374	75	59123	50.280	ug/l	89
82) 4-Chlorotoluene	12.855	91	474908	50.552	ug/l	97
83) tert-Butylbenzene	13.075	119	478186	50.315	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	554683	51.403	ug/l	98
85) sec-Butylbenzene	13.251	105	722609	51.526	ug/l	100
86) p-Isopropyltoluene	13.367	119	609832	51.672	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	339318	49.742	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	337287	49.337	ug/l	99
89) n-Butylbenzene	13.697	91	573646	52.595	ug/l	98
90) Hexachloroethane	13.959	117	121004	51.760	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	312503	50.575	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	30844	51.395	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	208739	52.303	ug/l	99
94) Hexachlorobutadiene	15.111	225	128727	52.480	ug/l	99
95) Naphthalene	15.233	128	447705	52.727	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	191031	52.533	ug/l	98

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ClientSampleId :
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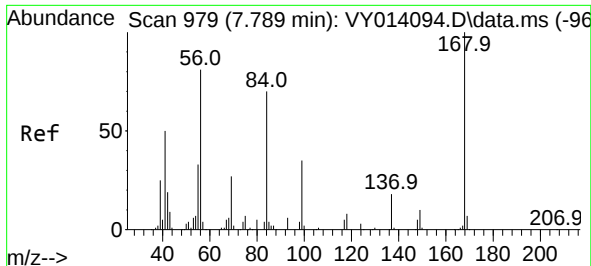
Manual Integrations
APPROVED

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 Supervised By : Mahesh Dadoda 07/06/2023

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 Quant Title : SW846 8260
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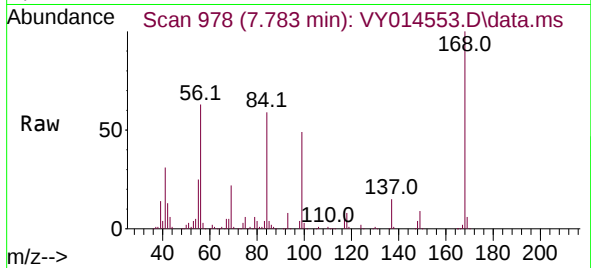
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
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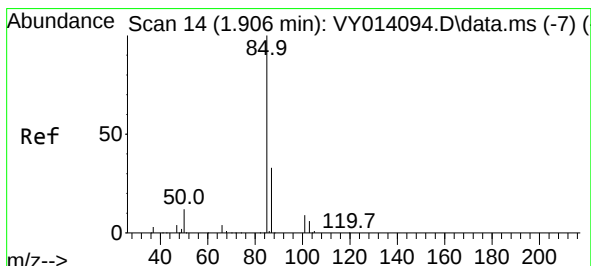
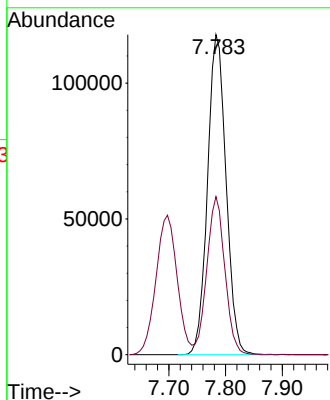
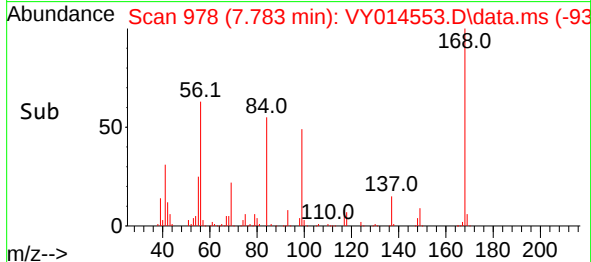
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 267420
Ion Ratio Lower Upper
168 100
99 49.3 43.4 65.0

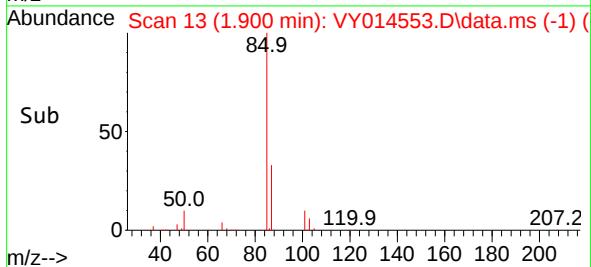
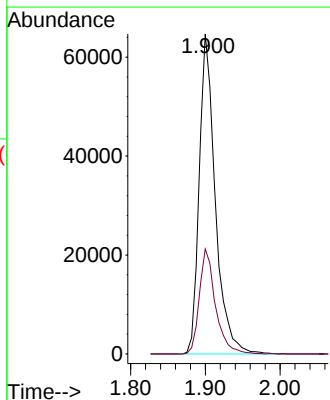
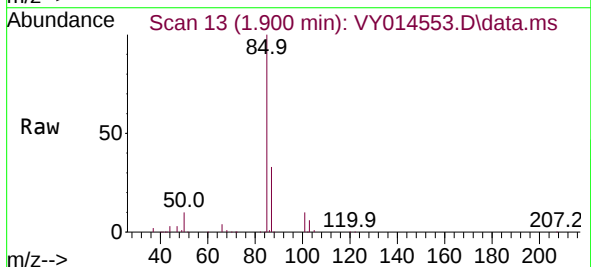
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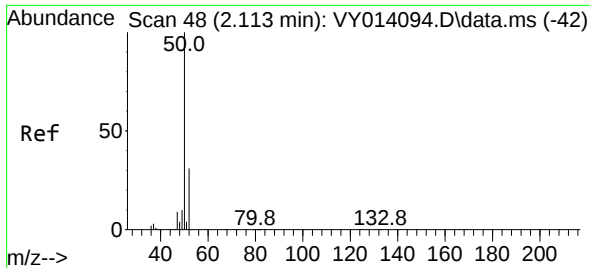
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#2
Dichlorodifluoromethane
Concen: 50.337 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24

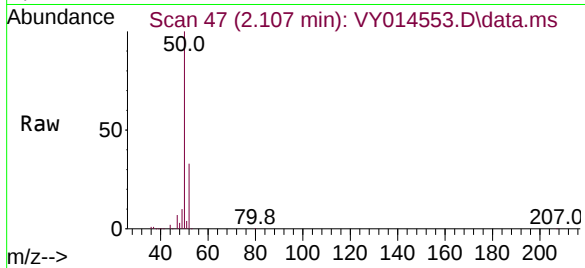
Tgt Ion: 85 Resp: 96358
Ion Ratio Lower Upper
85 100
87 32.8 15.6 46.8





#3
Chloromethane
Concen: 49.926 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24

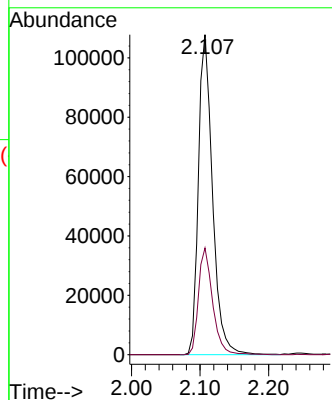
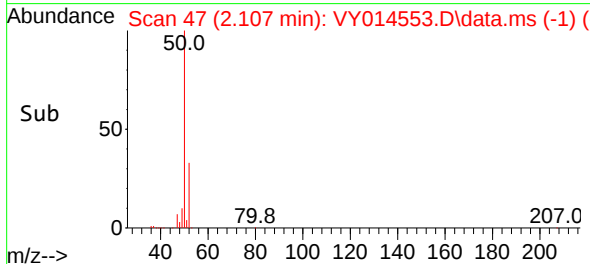
Instrument :
MSVOA_Y
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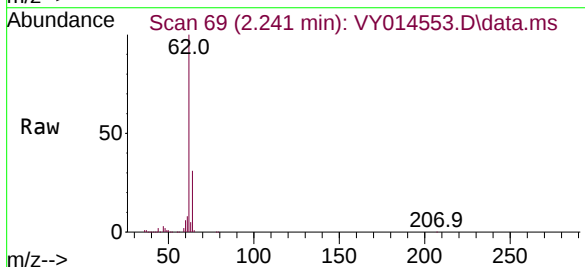
Tgt Ion: 50 Resp: 154629
Ion Ratio Lower Upper
50 100
52 33.4 25.4 38.2

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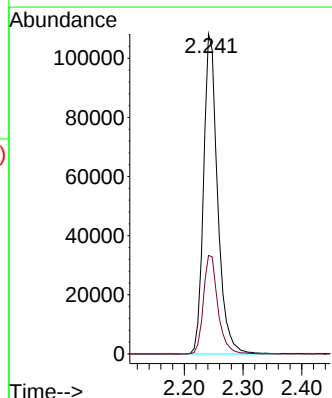
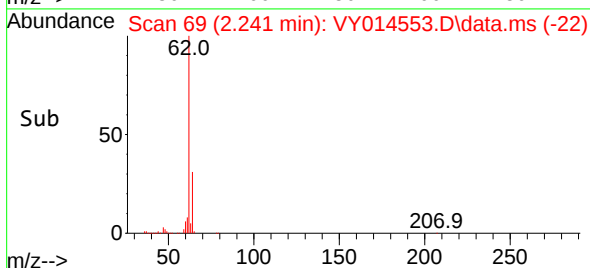
Reviewed By :John Carlone 07/06/2023
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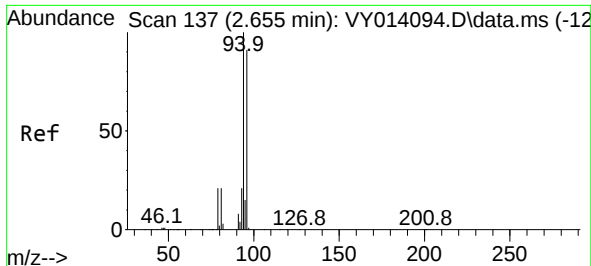


#4
Vinyl Chloride
Concen: 50.351 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.012 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24



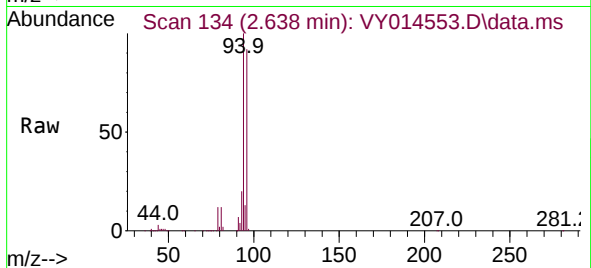
Tgt Ion: 62 Resp: 179747
Ion Ratio Lower Upper
62 100
64 30.8 24.3 36.5





#5
Bromomethane
Concen: 52.859 ug/l
RT: 2.638 min Scan# 11
Delta R.T. -0.017 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24

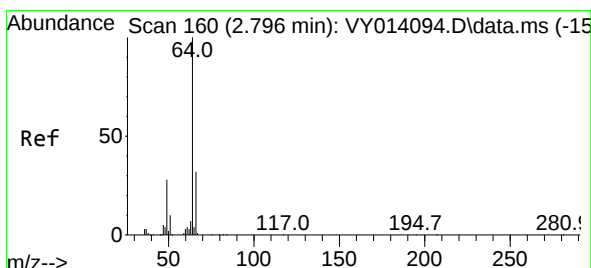
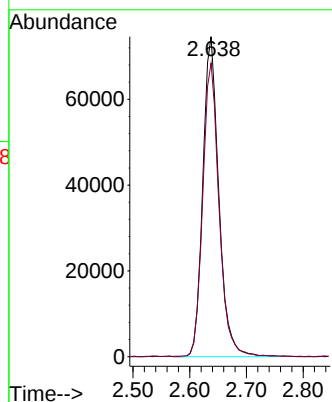
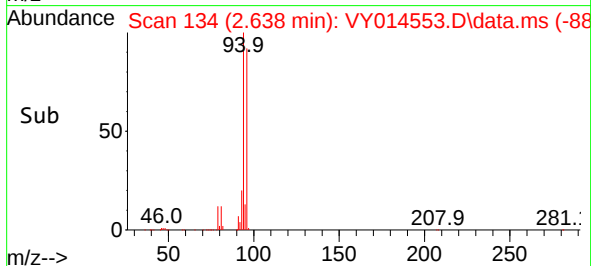
Instrument :
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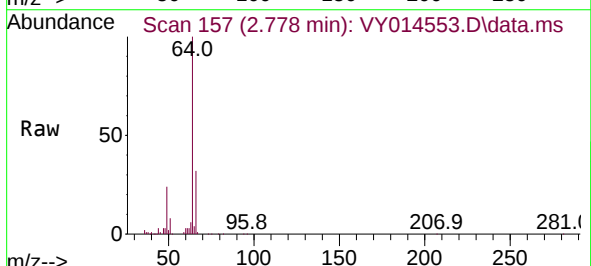
Tgt Ion: 94 Resp: 14632
Ion Ratio Lower Upper
94 100
96 91.6 75.8 113.6

Manual Integrations
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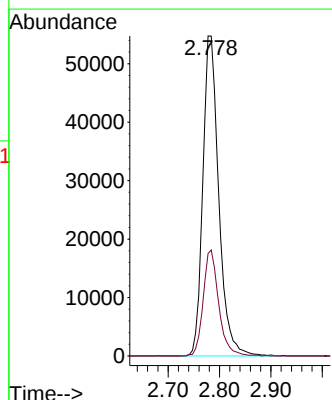
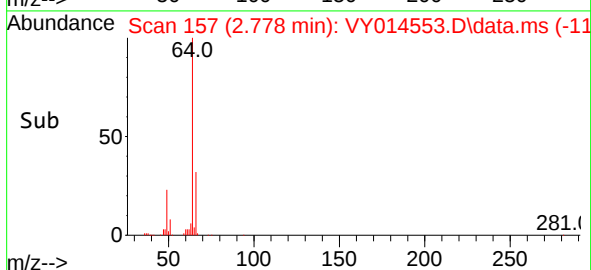
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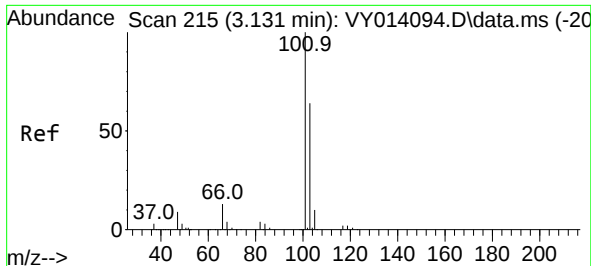


#6
Chloroethane
Concen: 51.286 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.018 min
Lab File: VY014553.D
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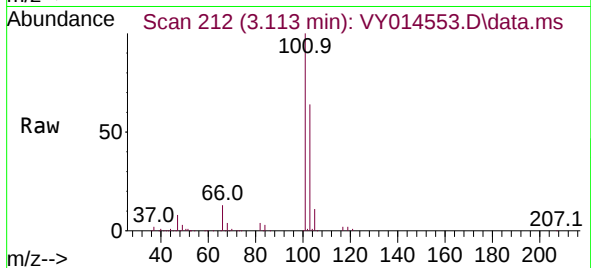
Tgt Ion: 64 Resp: 117885
Ion Ratio Lower Upper
64 100
66 32.0 24.4 36.6





#7
Trichlorofluoromethane
Concen: 49.029 ug/l
RT: 3.113 min Scan# 215
Delta R.T. -0.018 min
Lab File: VY014553.D
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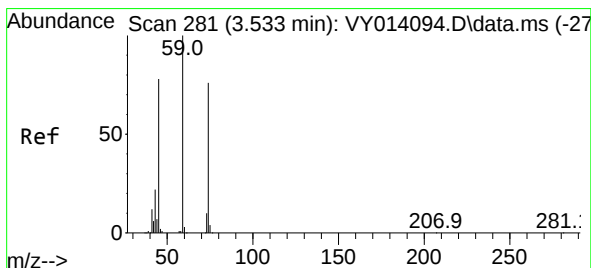
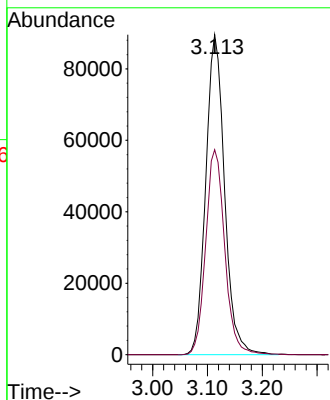
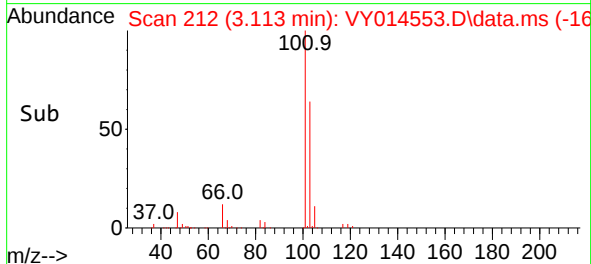
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 21257
Ion Ratio Lower Upper
101 100
103 64.0 51.4 77.0

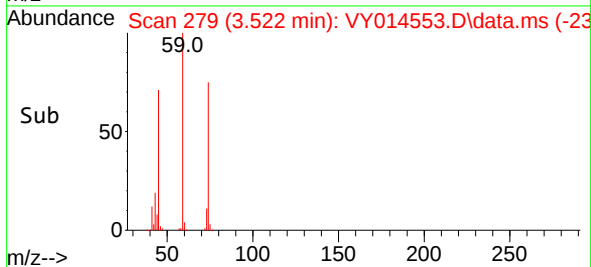
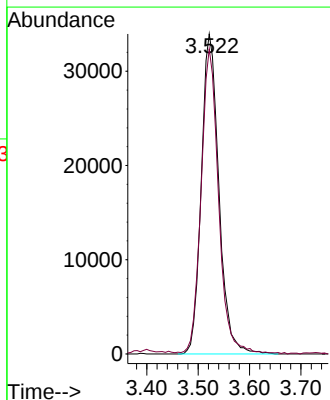
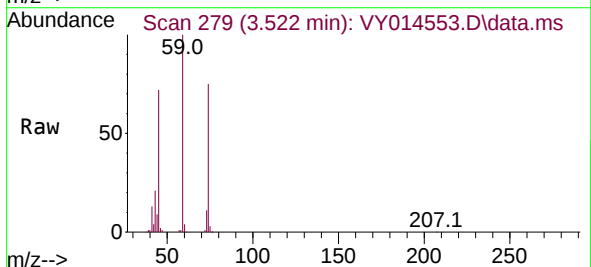
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#8
Diethyl Ether
Concen: 49.101 ug/l
RT: 3.522 min Scan# 279
Delta R.T. -0.011 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24

Tgt Ion: 74 Resp: 80607
Ion Ratio Lower Upper
74 100
45 95.3 51.5 154.5





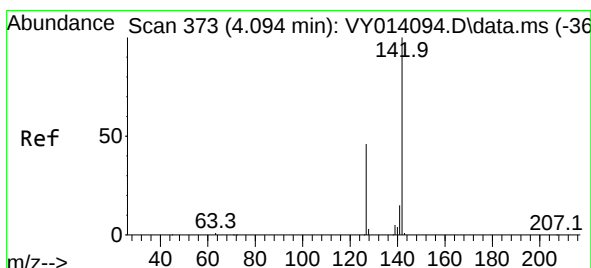
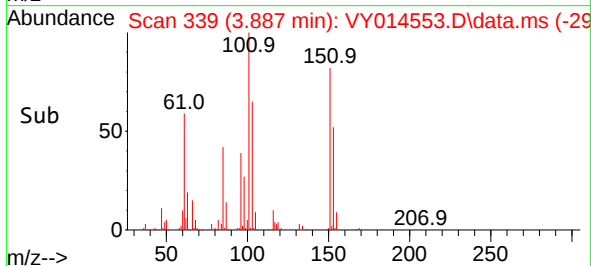
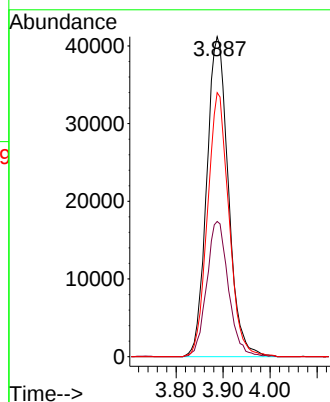
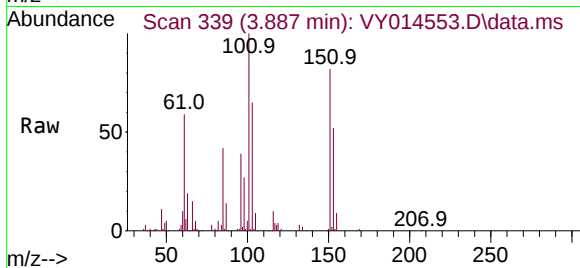
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.821 ug/l
RT: 3.887 min Scan# 311
Delta R.T. -0.018 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24

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MSVOA_Y
ClientSampleId :
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Tgt Ion:101 Resp: 131584
Ion Ratio Lower Upper
101 100
85 42.5 36.6 55.0
151 81.7 67.0 100.6

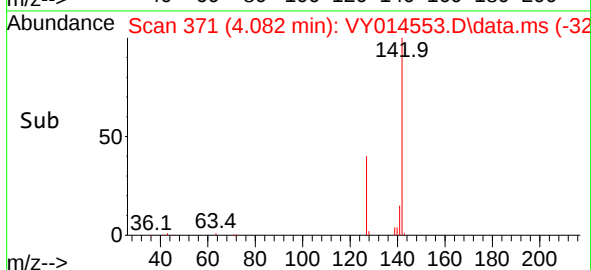
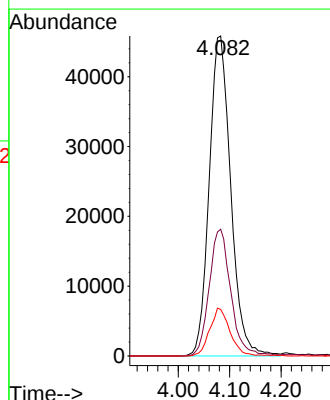
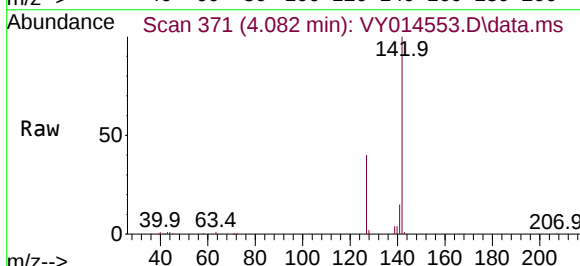
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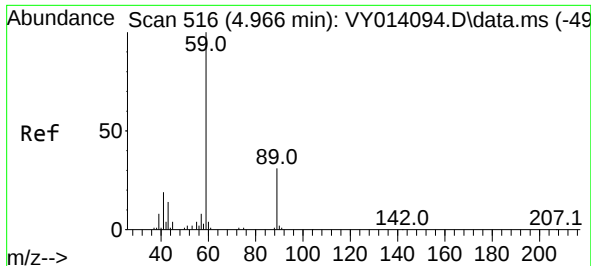
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#10
Methyl Iodide
Concen: 45.114 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.012 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24

Tgt Ion:142 Resp: 133294
Ion Ratio Lower Upper
142 100
127 39.6 37.6 56.4
141 14.2 11.8 17.8





#11

Tert butyl alcohol

Concen: 225.644 ug/l

RT: 4.960 min Scan# 516

Delta R.T. -0.006 min

Lab File: VY014553.D

Acq: 05 Jul 2023 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 104874

Ion Ratio Lower Upper

59 100

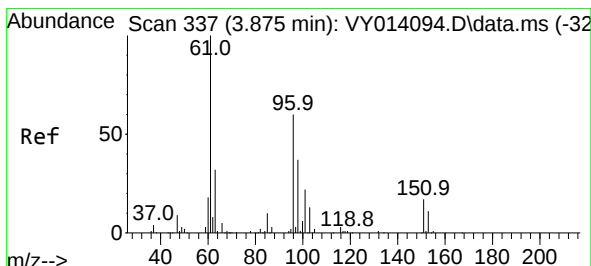
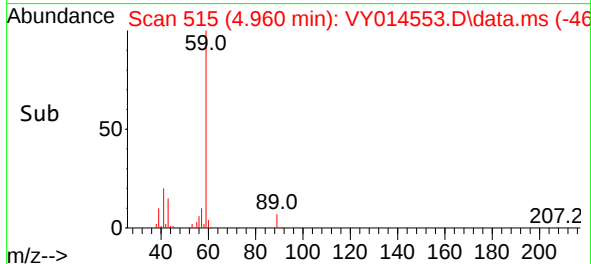
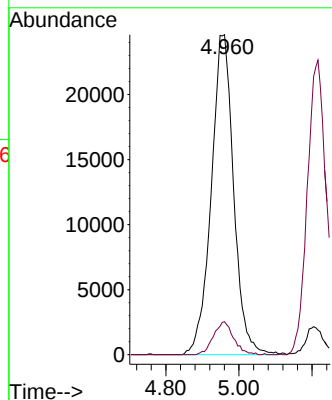
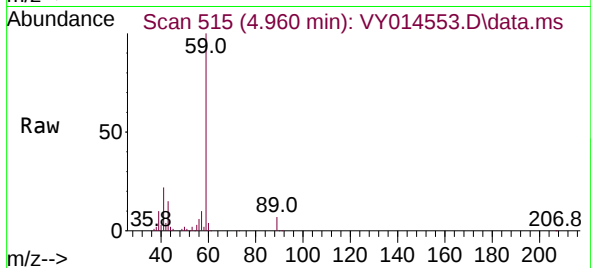
57 9.3 3.0 4.4

Manual Integrations

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Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/06/2023



#12

1,1-Dichloroethene

Concen: 49.053 ug/l

RT: 3.863 min Scan# 335

Delta R.T. -0.012 min

Lab File: VY014553.D

Acq: 05 Jul 2023 12:24

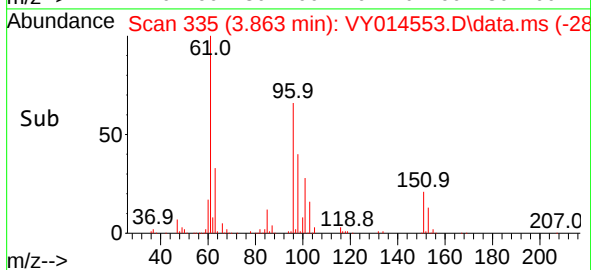
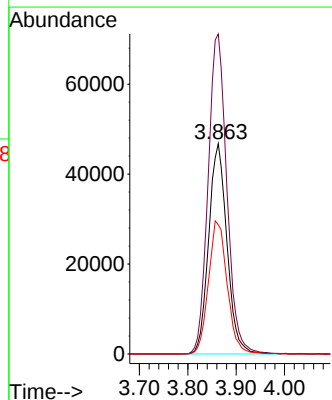
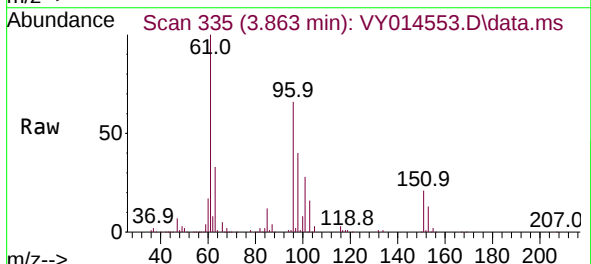
Tgt Ion: 96 Resp: 123038

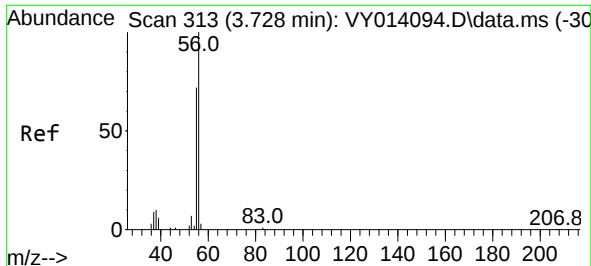
Ion Ratio Lower Upper

96 100

61 152.2 136.4 204.6

98 61.5 49.4 74.2





#13

Acrolein

Concen: 271.190 ug/l

RT: 3.723 min Scan# 313

Delta R.T. -0.005 min

Lab File: VY014553.D

Acq: 05 Jul 2023 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 95675

Ion Ratio Lower Upper

56 100

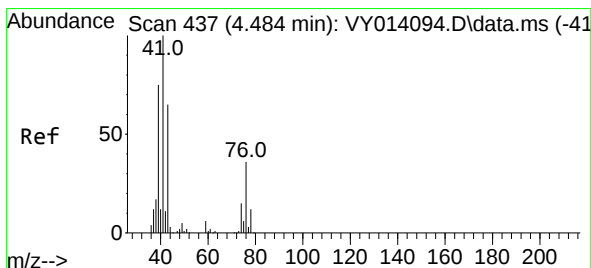
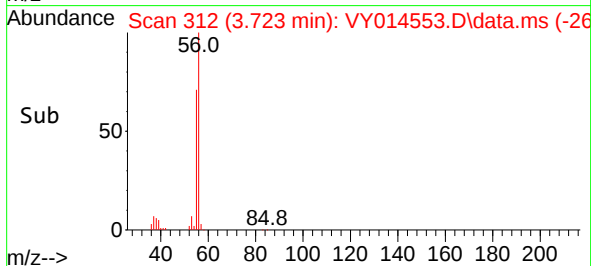
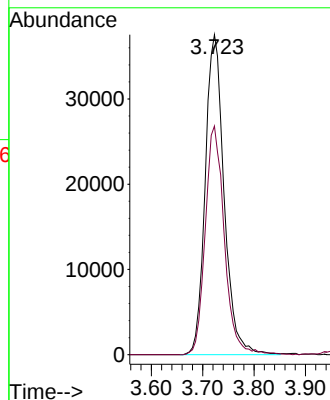
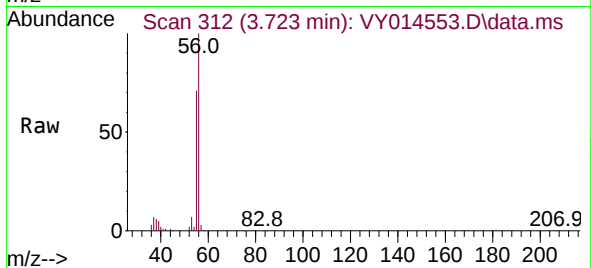
55 72.4 57.0 85.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/06/2023



#14

Allyl chloride

Concen: 49.732 ug/l

RT: 4.473 min Scan# 435

Delta R.T. -0.011 min

Lab File: VY014553.D

Acq: 05 Jul 2023 12:24

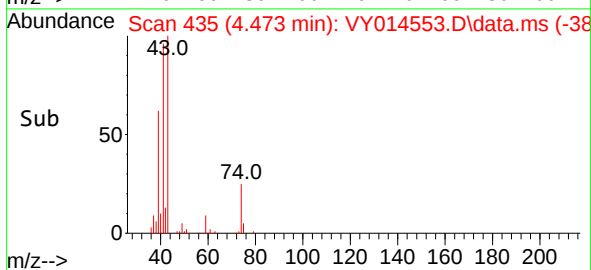
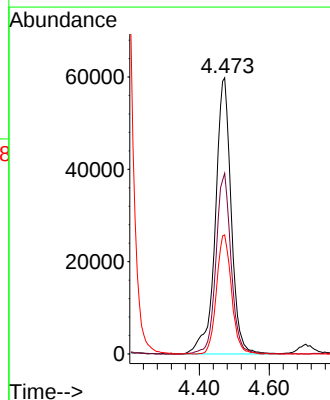
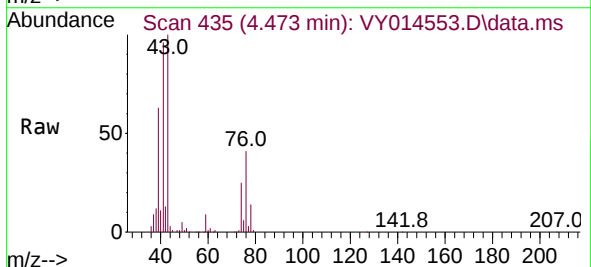
Tgt Ion: 41 Resp: 188016

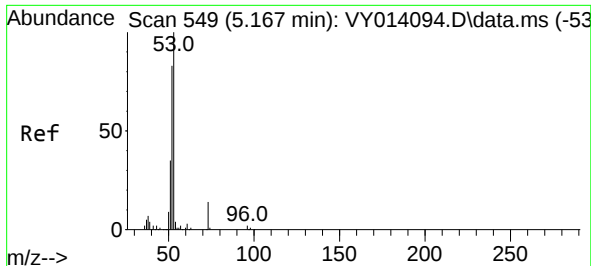
Ion Ratio Lower Upper

41 100

39 62.4 58.0 87.0

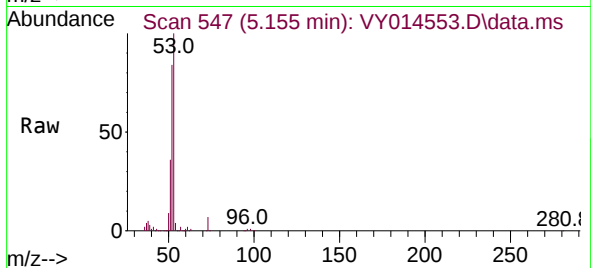
76 40.7 27.4 41.2





#15
Acrylonitrile
Concen: 255.712 ug/l
RT: 5.155 min Scan# 549
Delta R.T. -0.012 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24

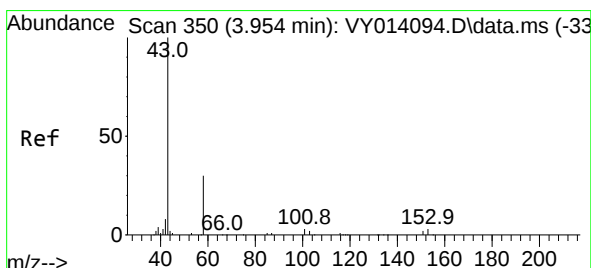
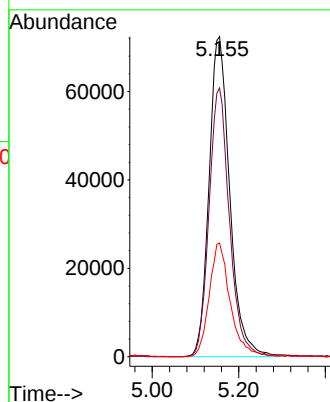
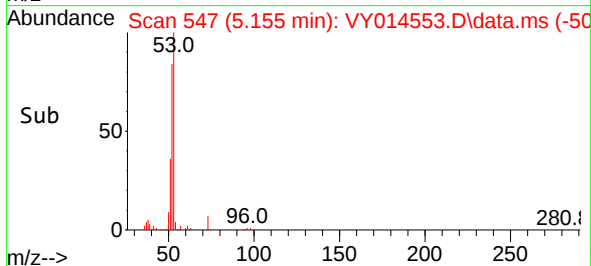
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



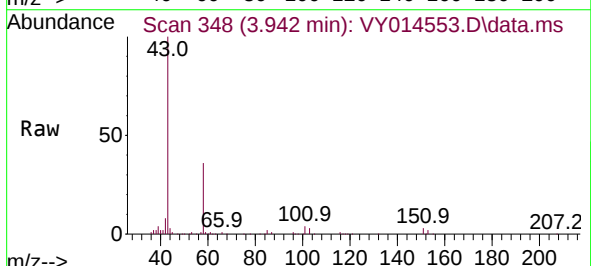
Tgt Ion: 53 Resp: 240989
Ion Ratio Lower Upper
53 100
52 82.3 66.9 100.3
51 35.9 29.8 44.6

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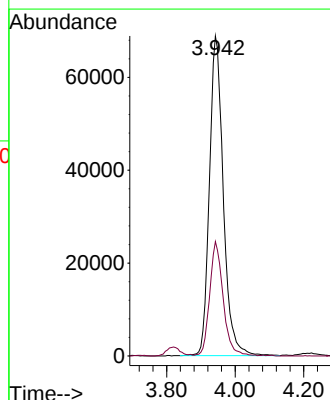
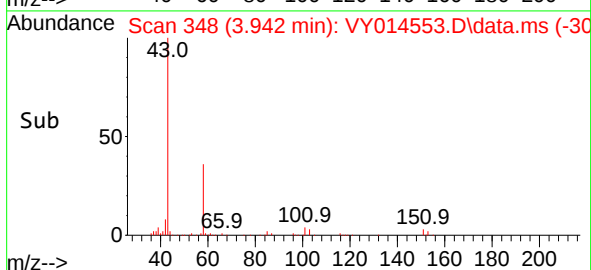
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023

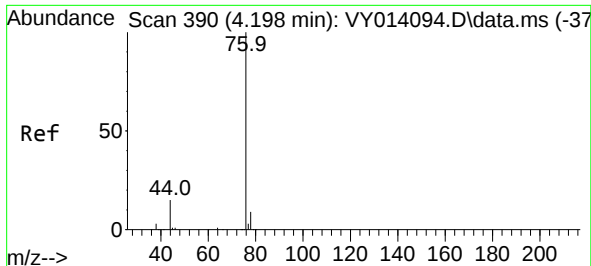


#16
Acetone
Concen: 233.975 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24



Tgt Ion: 43 Resp: 194380
Ion Ratio Lower Upper
43 100
58 35.8 22.7 34.1#





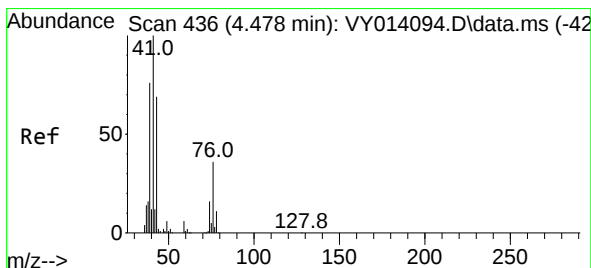
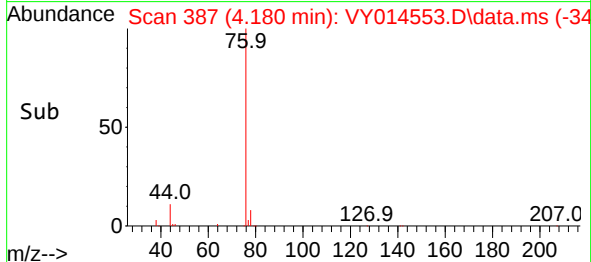
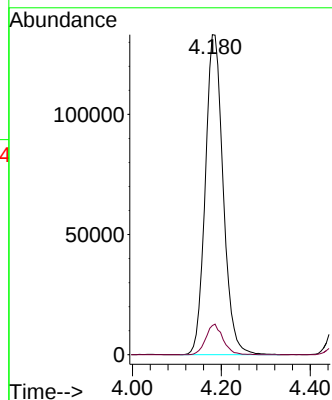
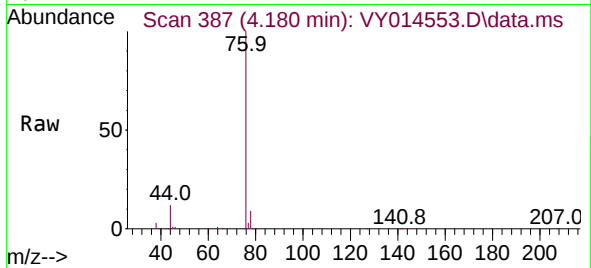
#17
Carbon Disulfide
Concen: 48.753 ug/l
RT: 4.180 min Scan# 372650
Delta R.T. -0.018 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 372650
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4

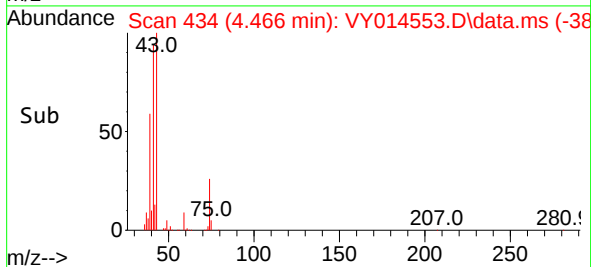
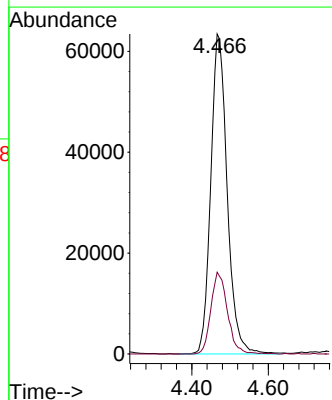
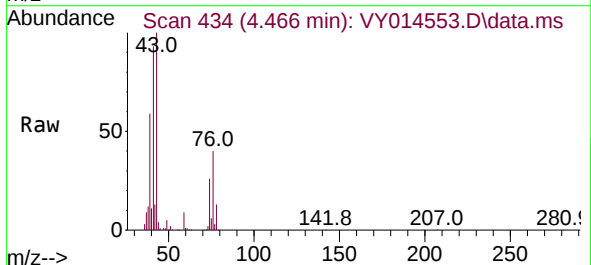
Manual Integrations
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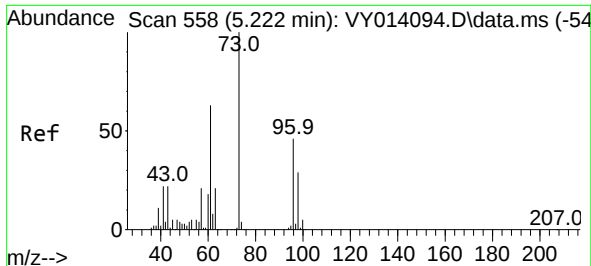
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#18
Methyl Acetate
Concen: 50.007 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.012 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24

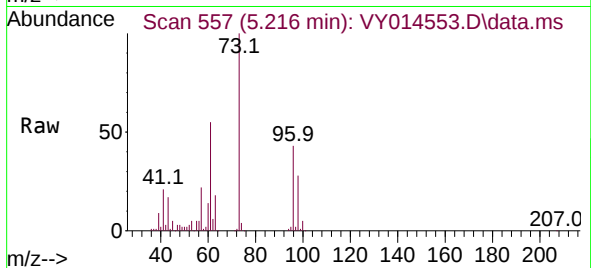
Tgt Ion: 43 Resp: 189118
Ion Ratio Lower Upper
43 100
74 25.8 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 51.150 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24

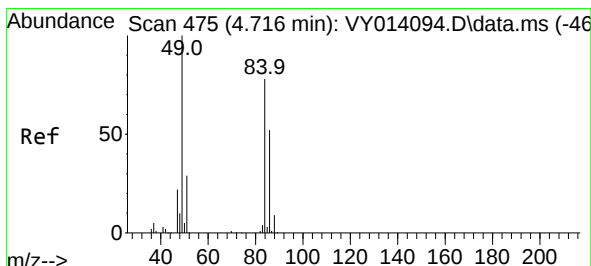
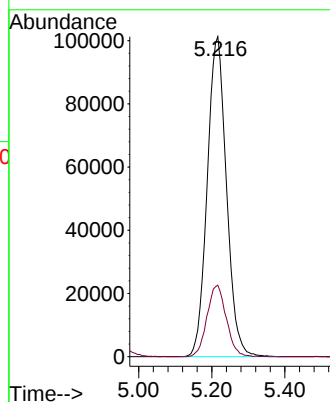
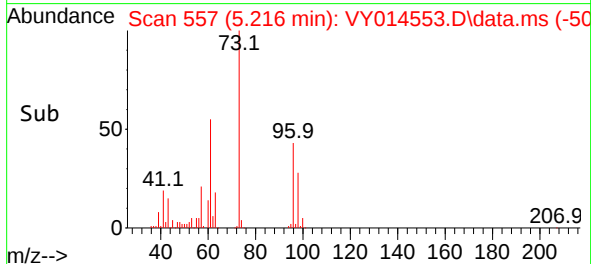
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 368730
Ion Ratio Lower Upper
73 100
57 22.4 17.3 25.9

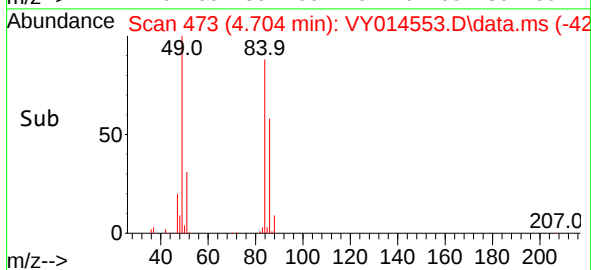
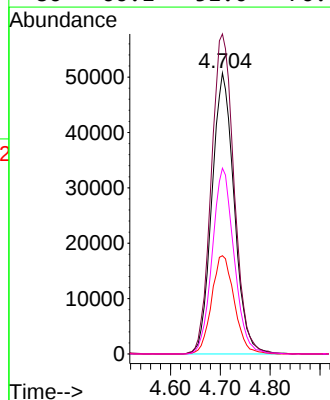
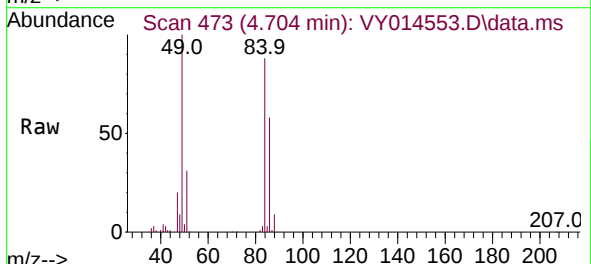
Manual Integrations
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Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#20
Methylene Chloride
Concen: 52.693 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24

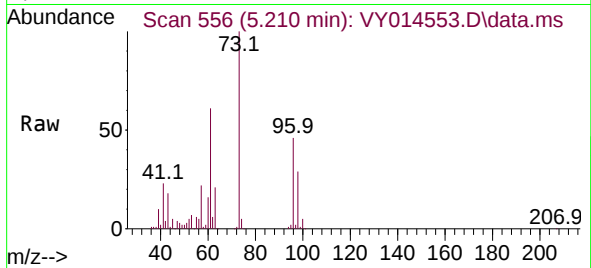
Tgt Ion: 84 Resp: 157218
Ion Ratio Lower Upper
84 100
49 113.9 106.9 160.3
51 35.0 33.2 49.8
86 66.1 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 50.576 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24

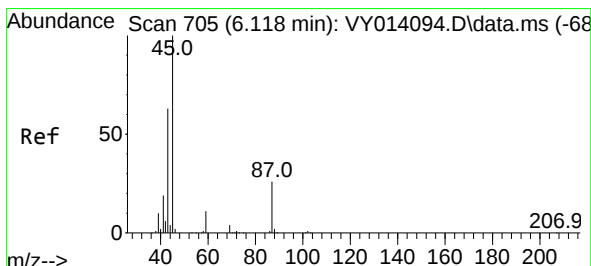
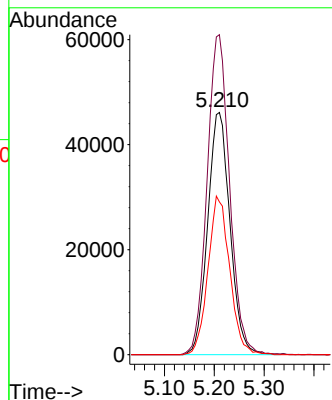
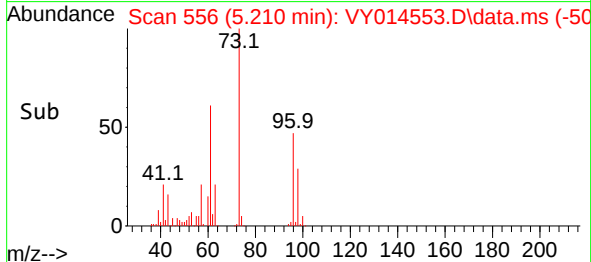
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 143598
Ion Ratio Lower Upper
96 100
61 132.1 110.2 165.4
98 63.1 51.8 77.6

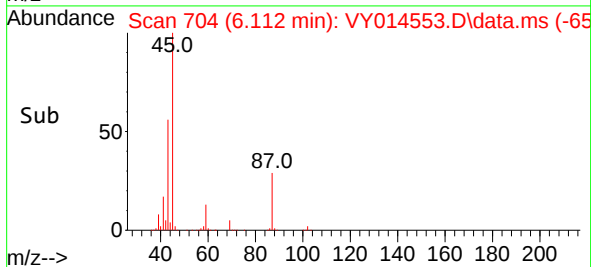
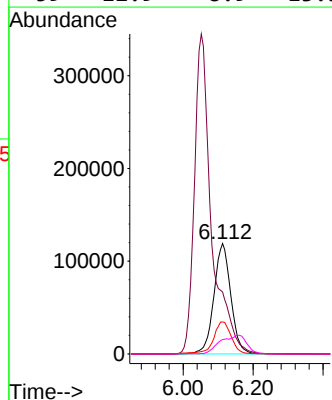
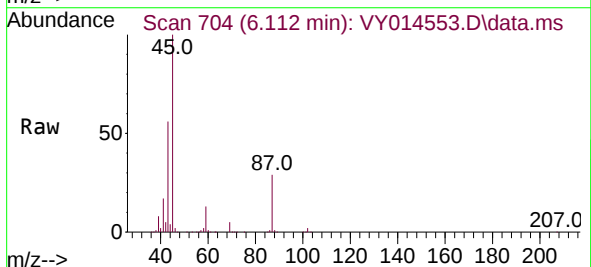
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#22
Diisopropyl ether
Concen: 51.295 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24

Tgt Ion: 45 Resp: 399588
Ion Ratio Lower Upper
45 100
43 55.9 52.2 78.4
87 29.0 21.0 31.6
59 12.9 8.9 13.3





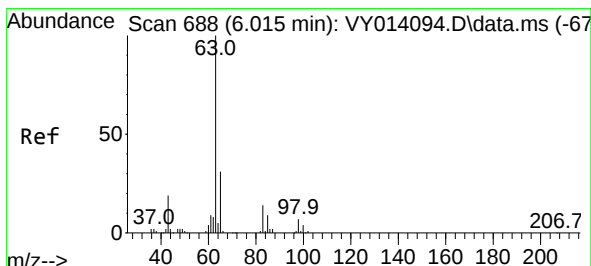
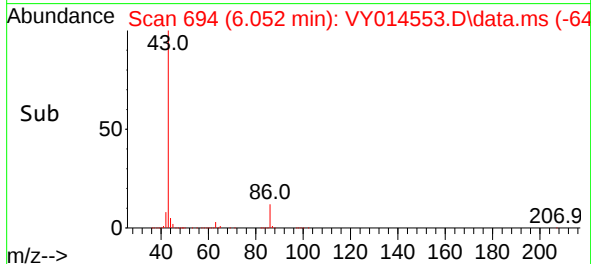
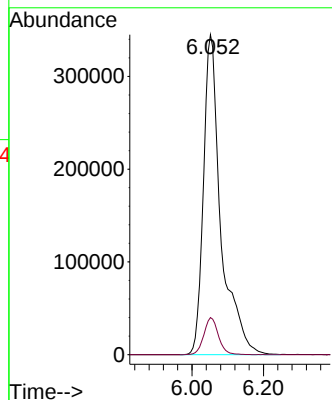
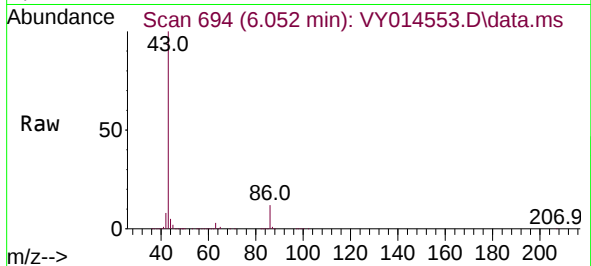
#23
Vinyl Acetate
Concen: 259.624 ug/l
RT: 6.052 min Scan# 694
Delta R.T. -0.011 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 117012
Ion Ratio Lower Upper
43 100
86 11.6 7.5 11.3

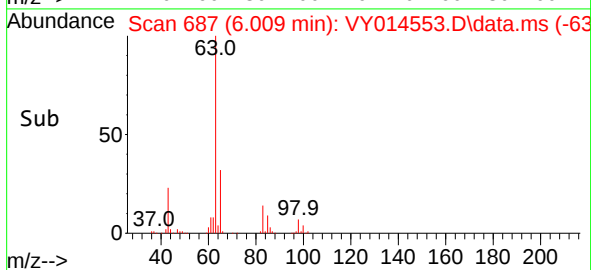
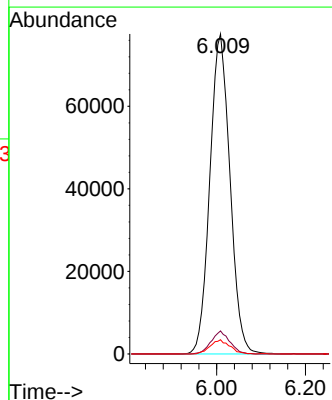
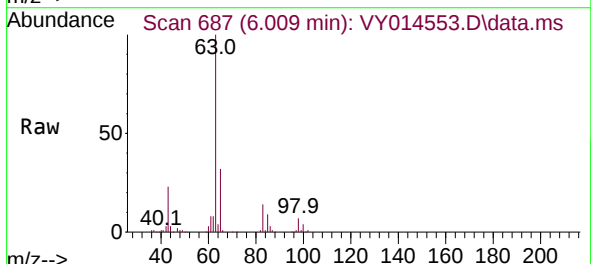
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#24
1,1-Dichloroethane
Concen: 49.802 ug/l
RT: 6.009 min Scan# 687
Delta R.T. -0.006 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24

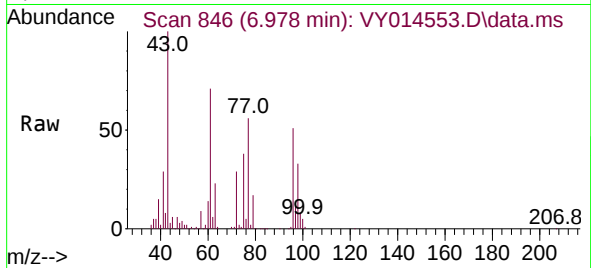
Tgt Ion: 63 Resp: 243551
Ion Ratio Lower Upper
63 100
98 7.2 3.1 9.4
100 4.5 1.8 5.5





#25
2-Butanone
Concen: 240.355 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.012 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24

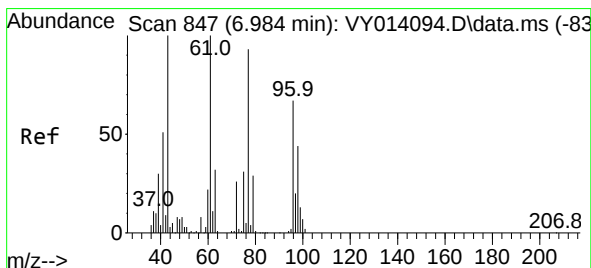
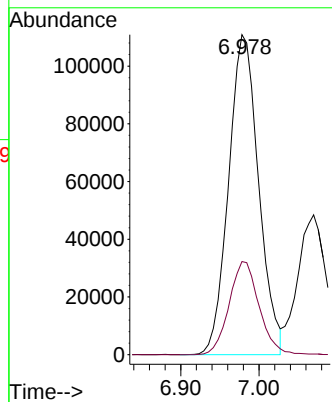
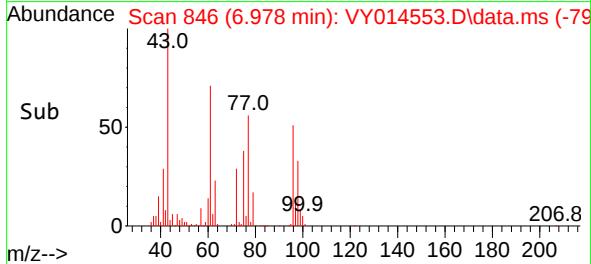
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



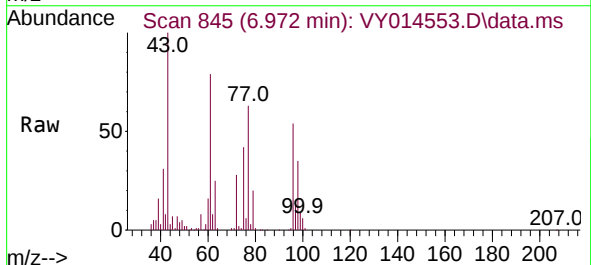
Tgt Ion: 43 Resp: 295664
Ion Ratio Lower Upper
43 100
72 29.1 20.5 30.7

Manual Integrations
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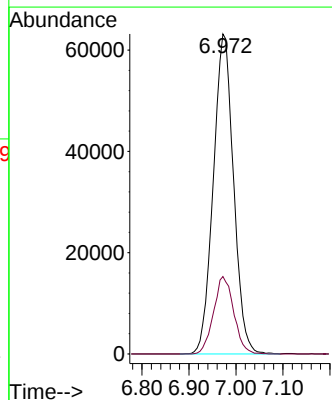
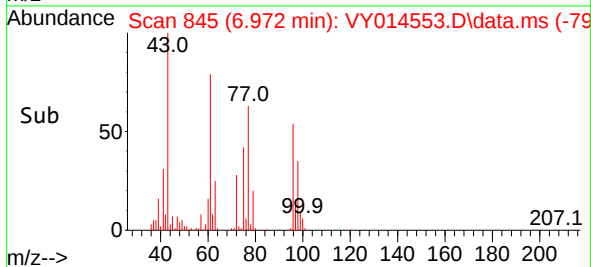
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023

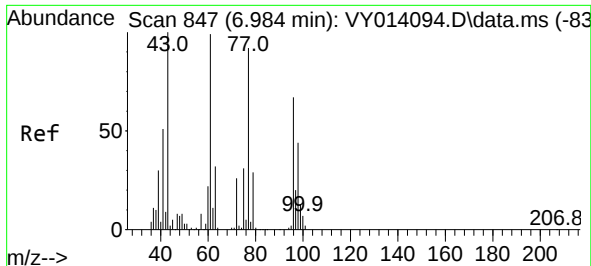


#26
2,2-Dichloropropane
Concen: 45.396 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24



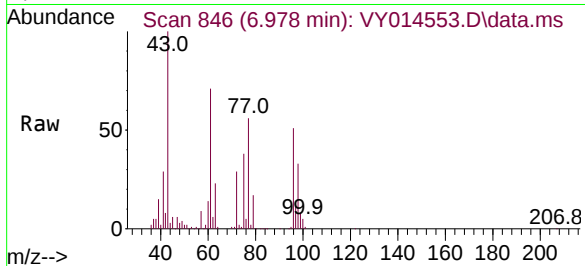
Tgt Ion: 77 Resp: 189226
Ion Ratio Lower Upper
77 100
97 24.1 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 47.987 ug/l
 RT: 6.978 min Scan# 847
 Delta R.T. -0.006 min
 Lab File: VY014553.D
 Acq: 05 Jul 2023 12:24

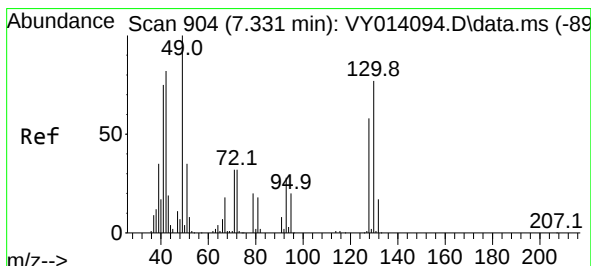
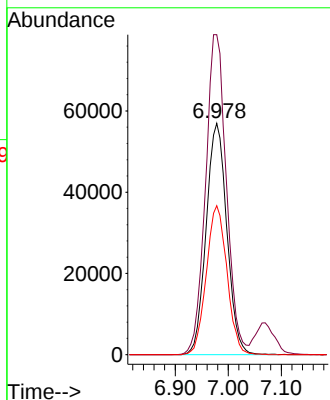
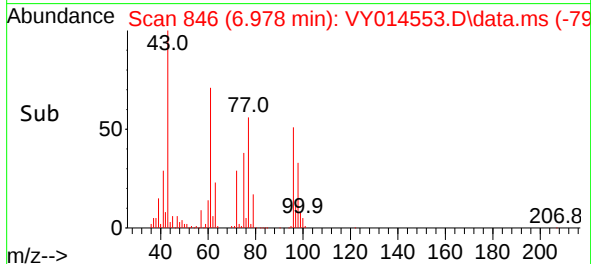
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 154549
 Ion Ratio Lower Upper
 96 100
 61 139.8 0.0 301.4
 98 64.3 0.0 130.4

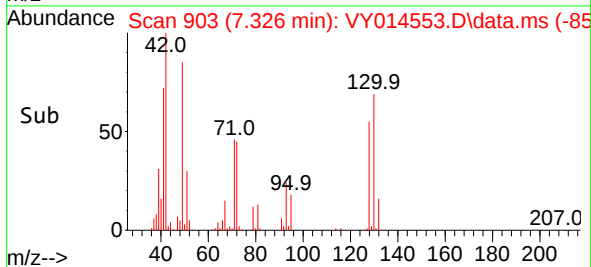
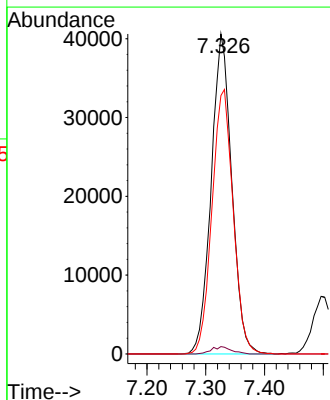
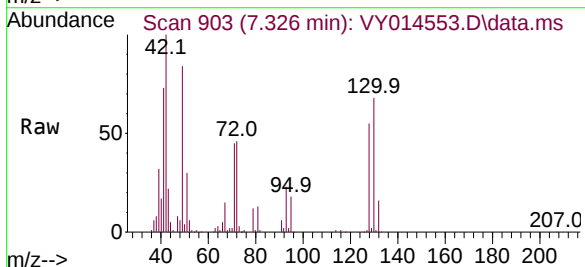
Manual Integrations
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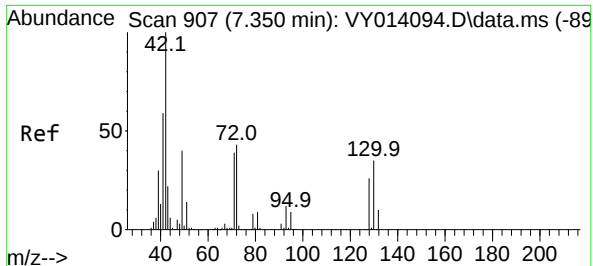
Reviewed By :John Carlone 07/06/2023
 Supervised By :Mahesh Dadoda 07/06/2023



#28
 Bromochloromethane
 Concen: 48.114 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.005 min
 Lab File: VY014553.D
 Acq: 05 Jul 2023 12:24

Tgt Ion: 49 Resp: 98802
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 84.9 60.7 91.1





#29

Tetrahydrofuran

Concen: 253.716 ug/l

RT: 7.344 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY014553.D

Acq: 05 Jul 2023 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 201310

Ion Ratio Lower Upper

42 100

72 48.0 32.8 49.2

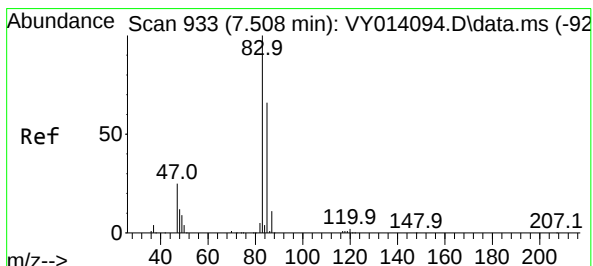
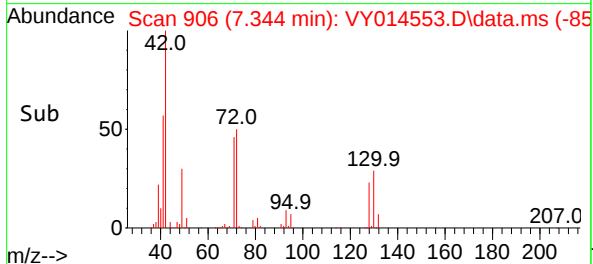
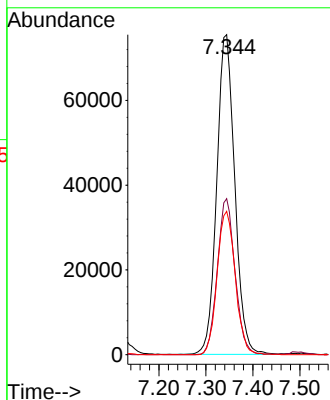
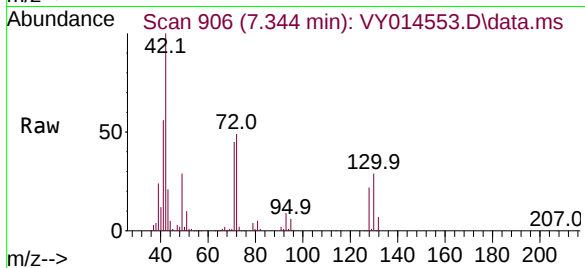
71 45.3 31.0 46.4

Manual Integrations

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Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/06/2023



#30

Chloroform

Concen: 49.042 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY014553.D

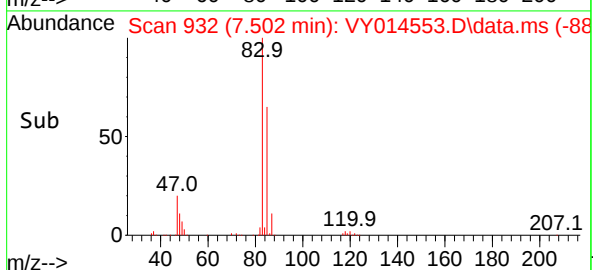
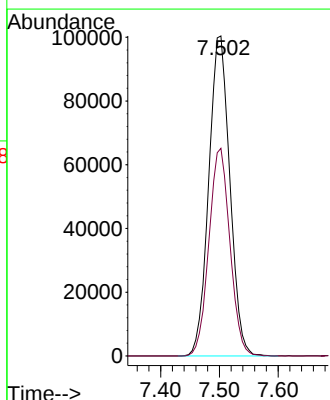
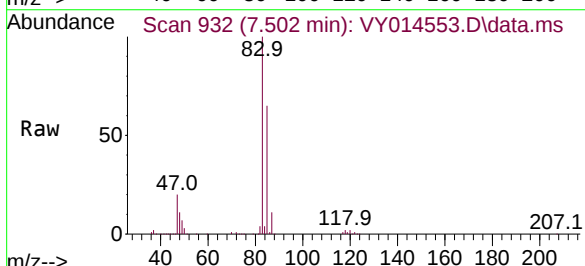
Acq: 05 Jul 2023 12:24

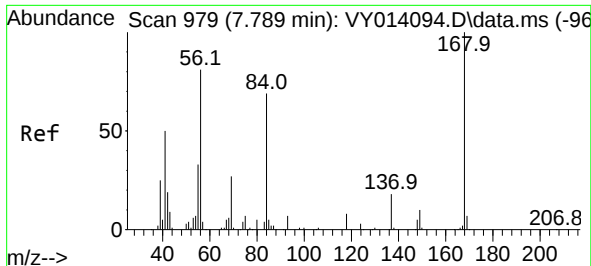
Tgt Ion: 83 Resp: 250184

Ion Ratio Lower Upper

83 100

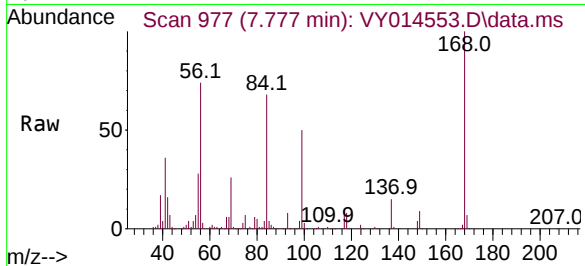
85 64.9 49.7 74.5





#31
Cyclohexane
Concen: 47.228 ug/l
RT: 7.777 min Scan# 911
Delta R.T. -0.012 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24

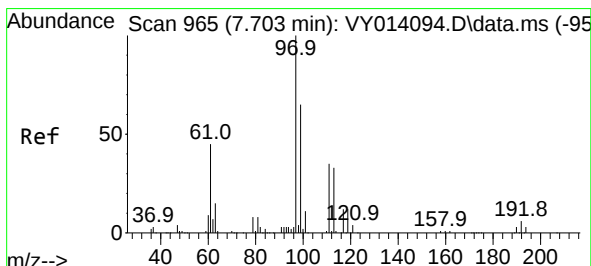
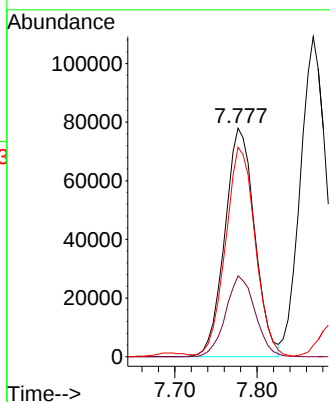
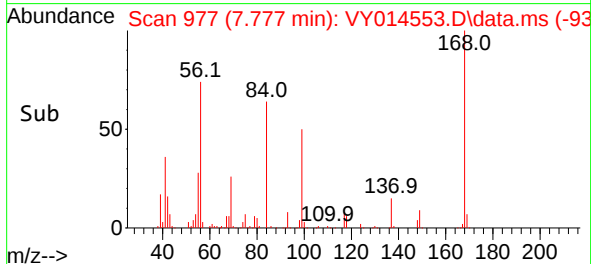
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



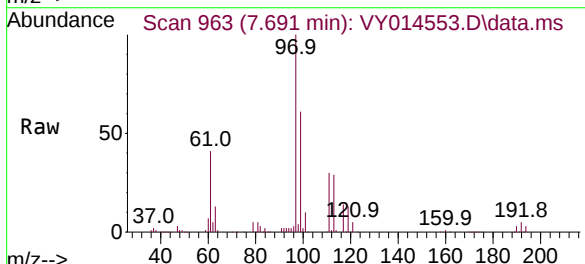
Tgt Ion: 56 Resp: 197110
Ion Ratio Lower Upper
56 100
69 35.4 27.8 41.6
84 90.3 66.4 99.6

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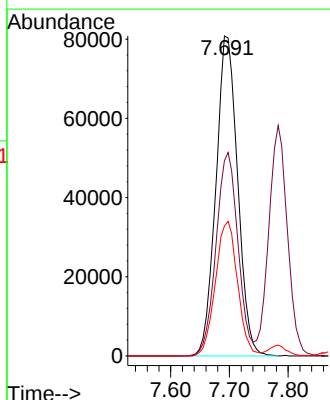
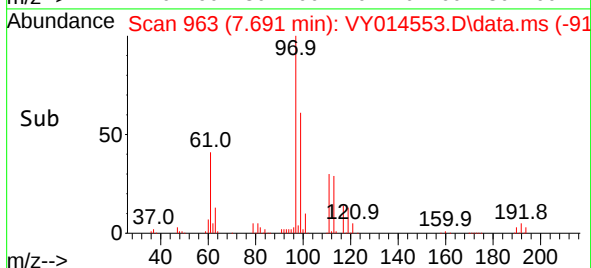
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023

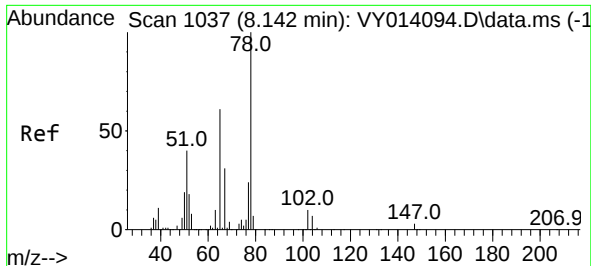


#32
1,1,1-Trichloroethane
Concen: 47.725 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.012 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24



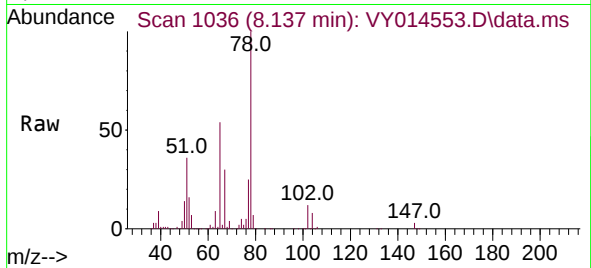
Tgt Ion: 97 Resp: 208108
Ion Ratio Lower Upper
97 100
99 64.1 50.8 76.2
61 42.7 35.1 52.7





#33
1,2-Dichloroethane-d4
Concen: 49.394 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24

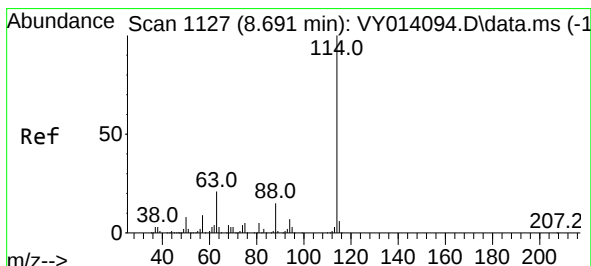
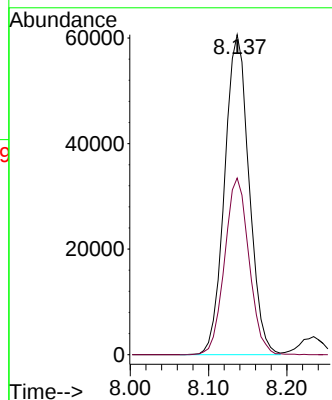
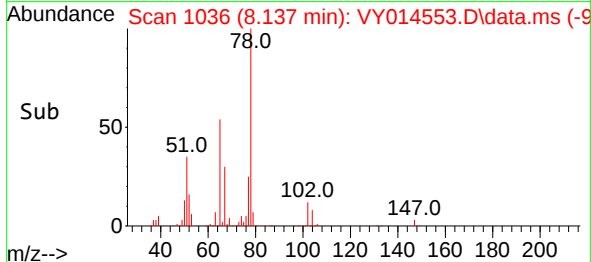
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 65 Resp: 13140
Ion Ratio Lower Upper
65 100
67 55.0 0.0 101.8

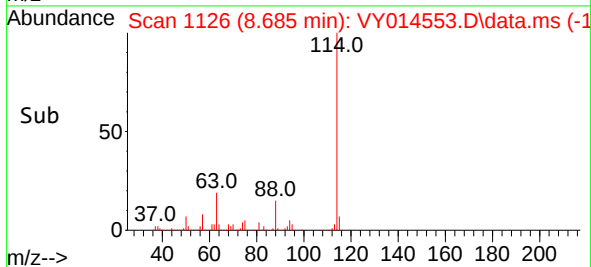
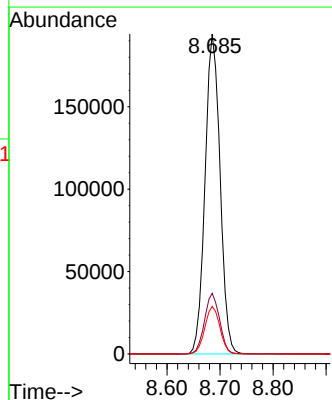
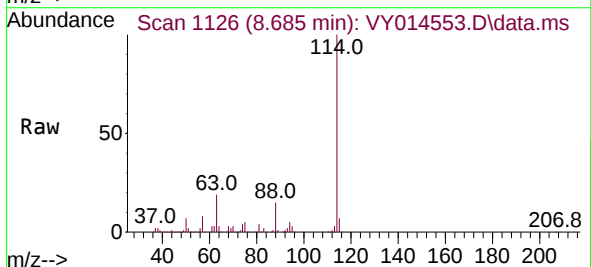
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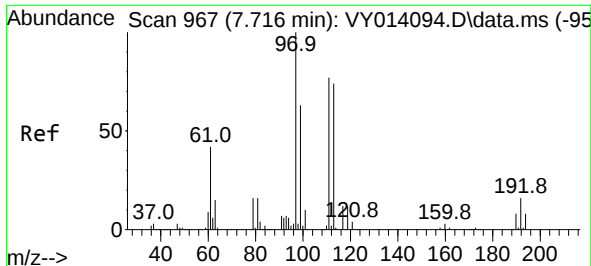
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24

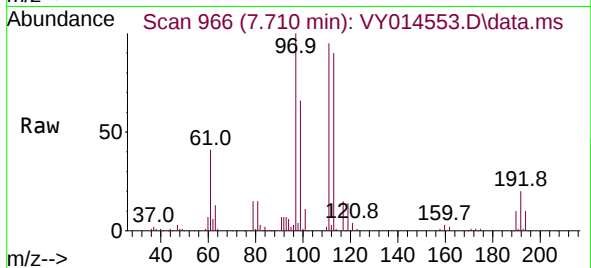
Tgt Ion:114 Resp: 381918
Ion Ratio Lower Upper
114 100
63 18.9 0.0 42.4
88 14.9 0.0 30.6





#35
Dibromofluoromethane
Concen: 52.112 ug/l
RT: 7.710 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24

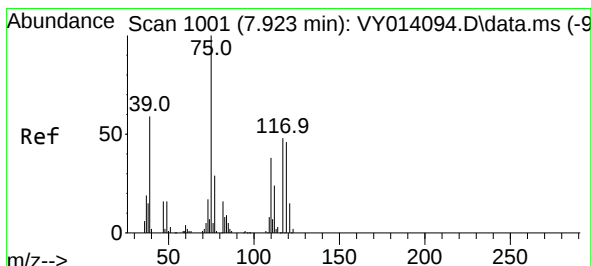
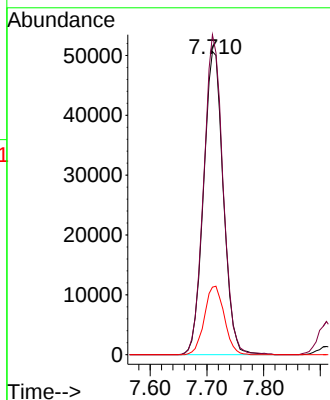
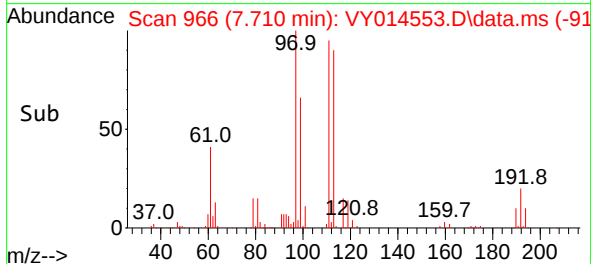
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



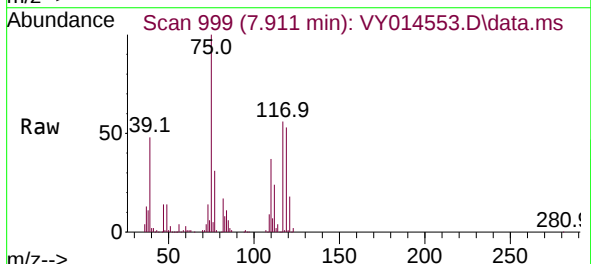
Tgt Ion: 113 Resp: 12256
Ion Ratio Lower Upper
113 100
111 103.3 81.3 121.9
192 22.7 16.9 25.3

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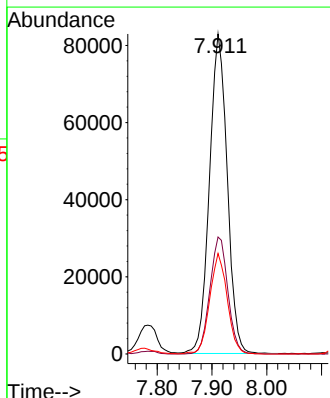
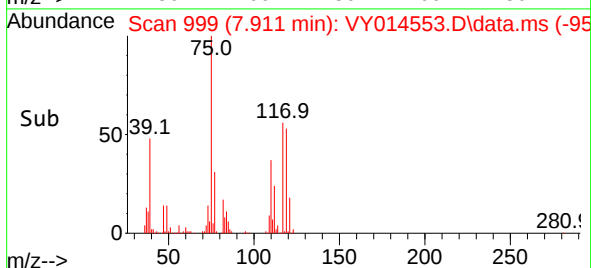
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023

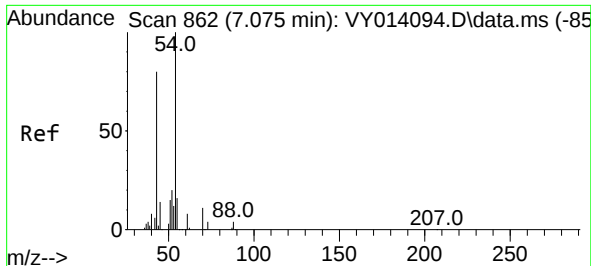


#36
1,1-Dichloropropene
Concen: 51.740 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.012 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24



Tgt Ion: 75 Resp: 186351
Ion Ratio Lower Upper
75 100
110 36.9 17.8 53.5
77 31.0 24.4 36.6





#37

Ethyl Acetate

Concen: 52.535 ug/l

RT: 7.070 min Scan# 80

Delta R.T. -0.005 min

Lab File: VY014553.D

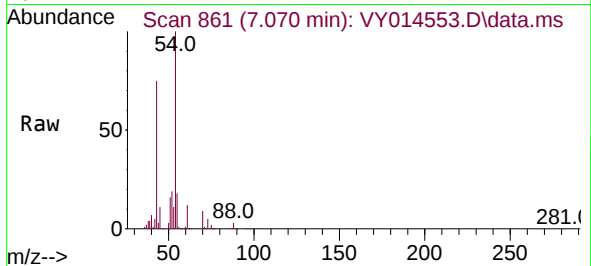
Acq: 05 Jul 2023 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion: 43 Resp: 12976

Ion Ratio Lower Upper

43 100

61 15.3 10.1 15.1

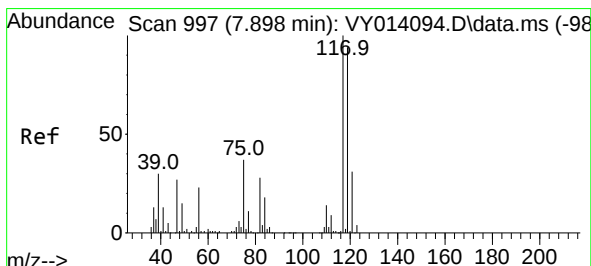
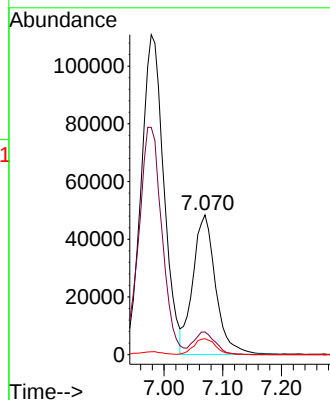
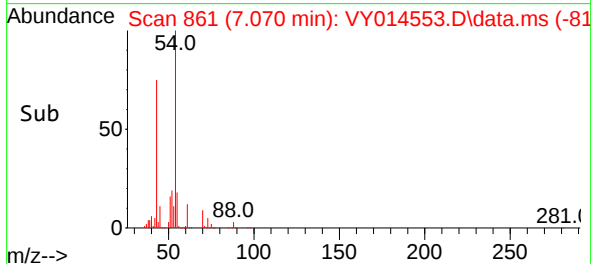
70 11.3 7.1 10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/06/2023



#38

Carbon Tetrachloride

Concen: 50.857 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.005 min

Lab File: VY014553.D

Acq: 05 Jul 2023 12:24

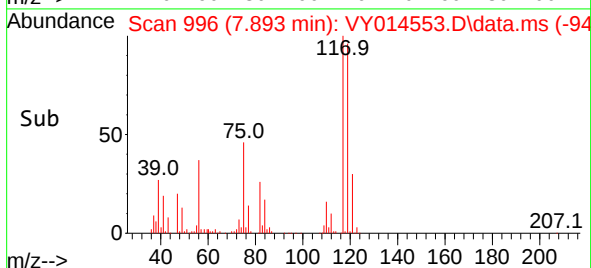
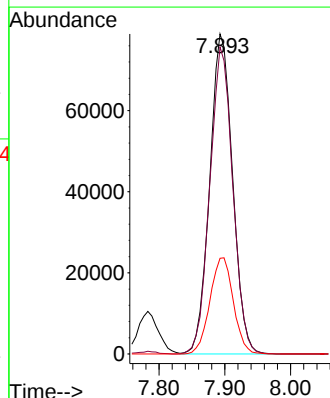
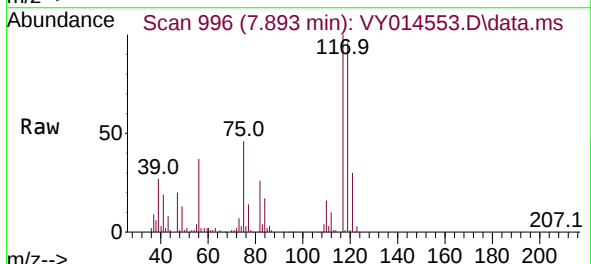
Tgt Ion:117 Resp: 191214

Ion Ratio Lower Upper

117 100

119 95.9 76.4 114.6

121 29.9 25.8 38.6





#39

Methylcyclohexane

Concen: 52.570 ug/l

RT: 9.179 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY014553.D

Acq: 05 Jul 2023 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

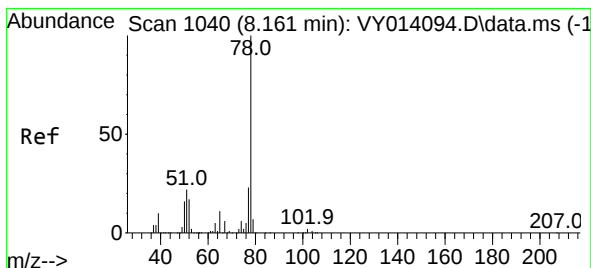
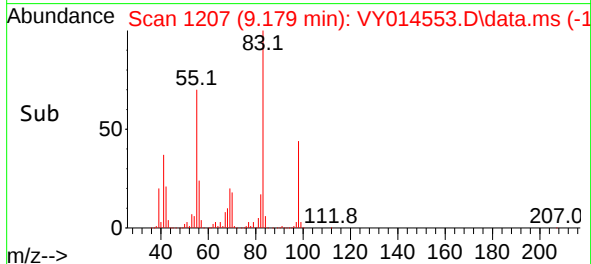
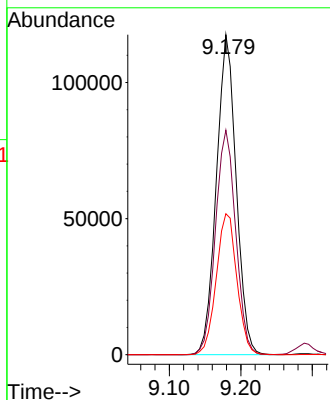
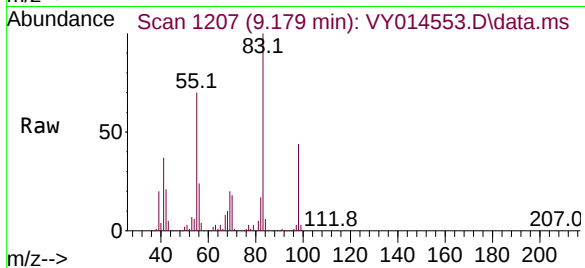
Tgt Ion: 83 Resp: 226315
 Ion Ratio Lower Upper
 83 100
 55 70.2 63.0 94.4
 98 44.0 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/06/2023



#40

Benzene

Concen: 50.080 ug/l

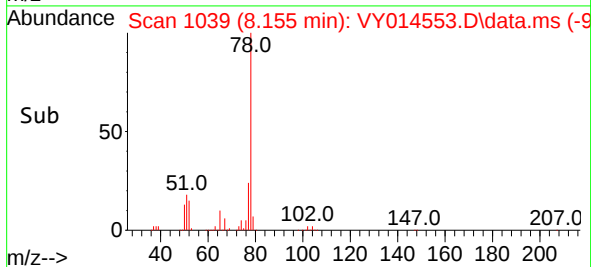
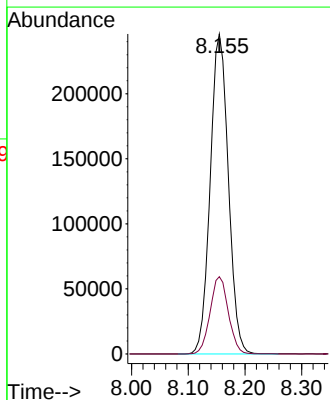
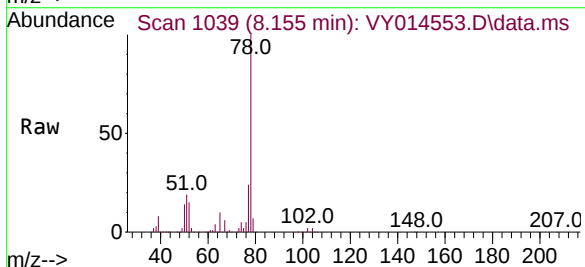
RT: 8.155 min Scan# 1039

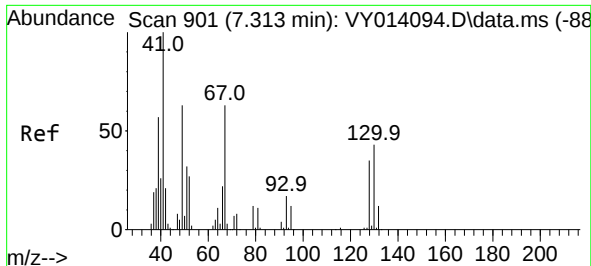
Delta R.T. -0.006 min

Lab File: VY014553.D

Acq: 05 Jul 2023 12:24

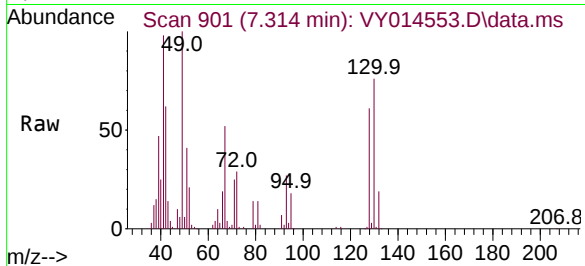
Tgt Ion: 78 Resp: 545990
 Ion Ratio Lower Upper
 78 100
 77 24.2 19.0 28.6





#41
Methacrylonitrile
Concen: 51.722 ug/l m
RT: 7.314 min Scan# 901
Delta R.T. 0.001 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24

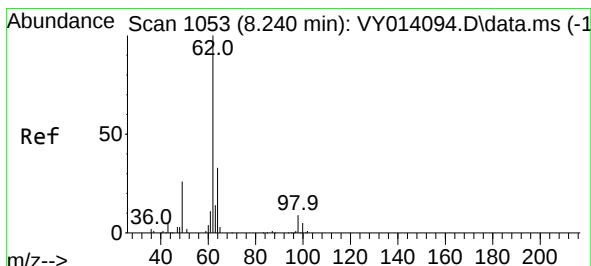
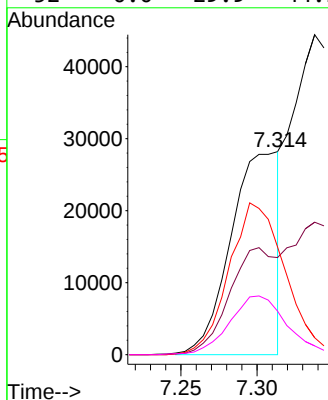
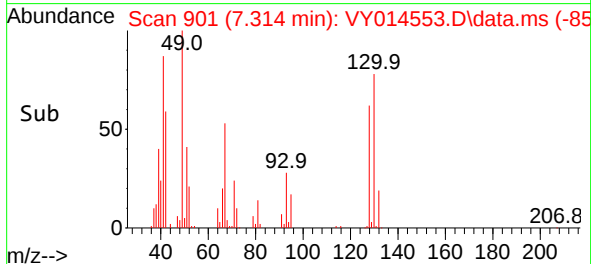
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 6241
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

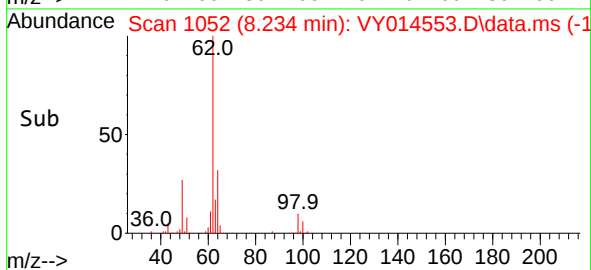
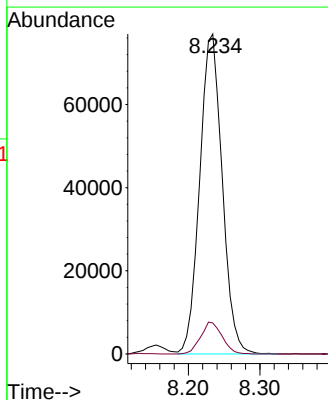
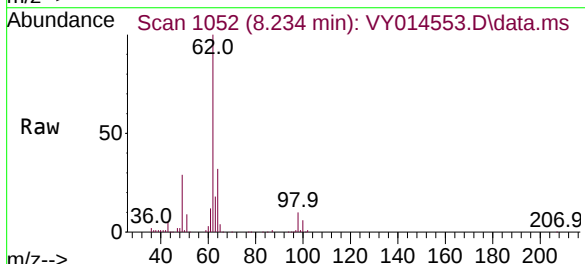
Manual Integrations
APPROVED

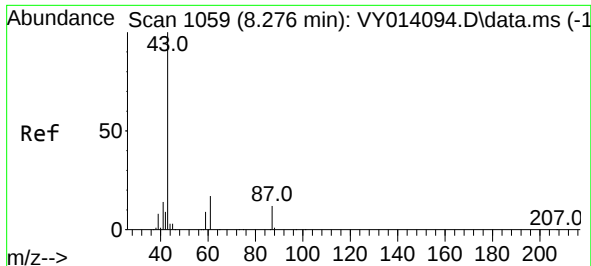
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#42
1,2-Dichloroethane
Concen: 52.494 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24

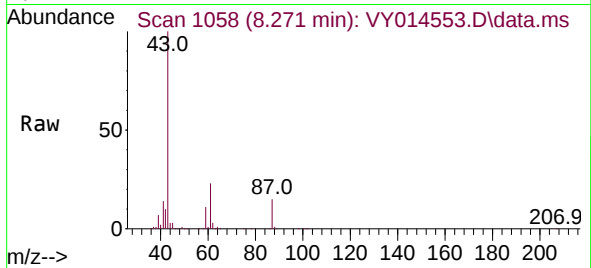
Tgt Ion: 62 Resp: 168217
Ion Ratio Lower Upper
62 100
98 9.5 0.0 15.8





#43
Isopropyl Acetate
Concen: 51.990 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.005 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24

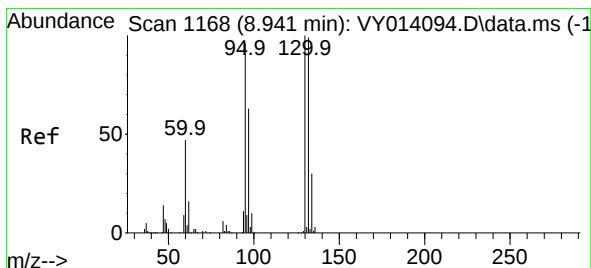
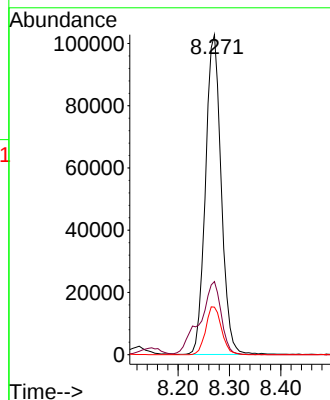
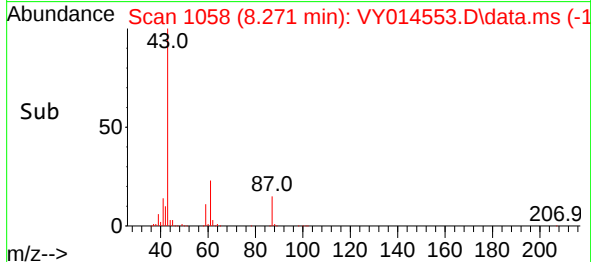
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 217623
Ion Ratio Lower Upper
43 100
61 31.1 21.1 31.7
87 15.1 9.8 14.8

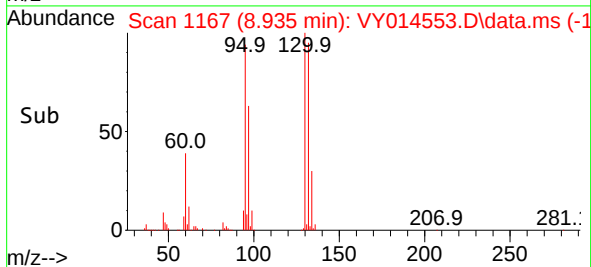
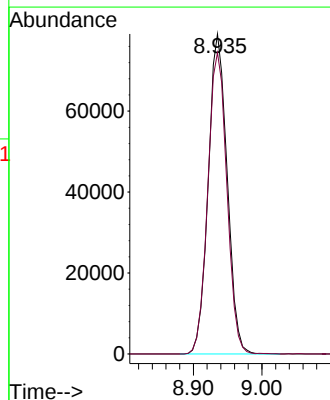
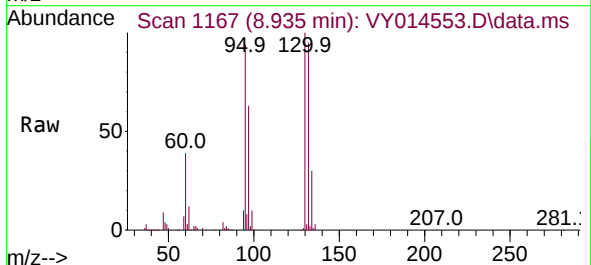
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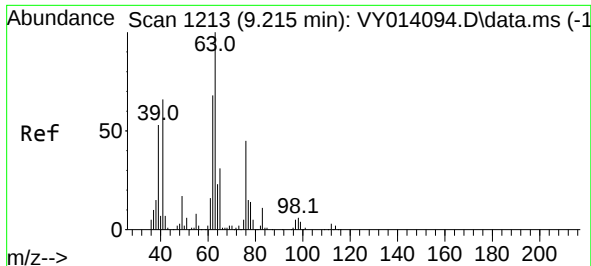
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#44
Trichloroethene
Concen: 49.836 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24

Tgt Ion:130 Resp: 151474
Ion Ratio Lower Upper
130 100
95 94.1 0.0 196.0





#45

1,2-Dichloropropane

Concen: 52.541 ug/l

RT: 9.210 min Scan# 1212

Delta R.T. -0.005 min

Lab File: VY014553.D

Acq: 05 Jul 2023 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 146949

Ion Ratio Lower Upper

63 100

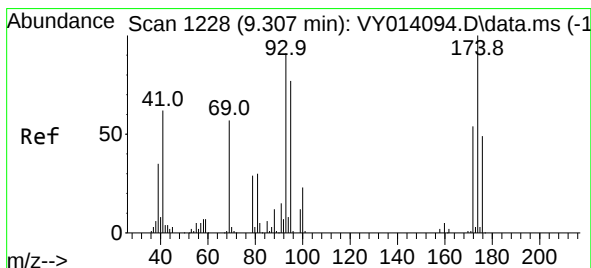
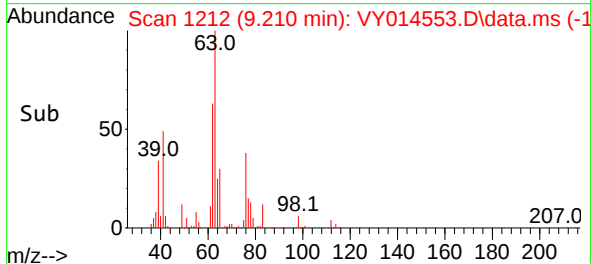
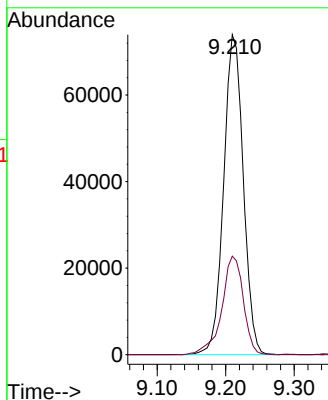
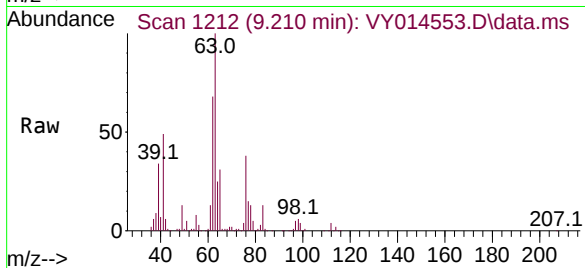
65 30.8 23.8 35.6

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Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/06/2023



#46

Dibromomethane

Concen: 52.957 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY014553.D

Acq: 05 Jul 2023 12:24

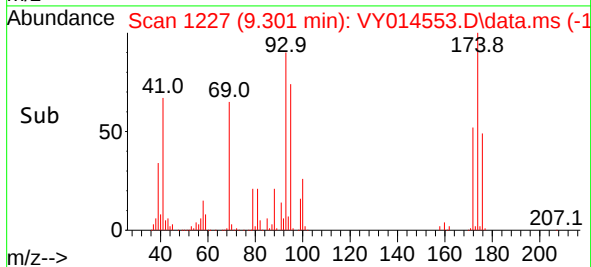
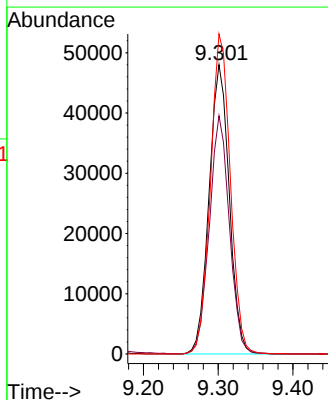
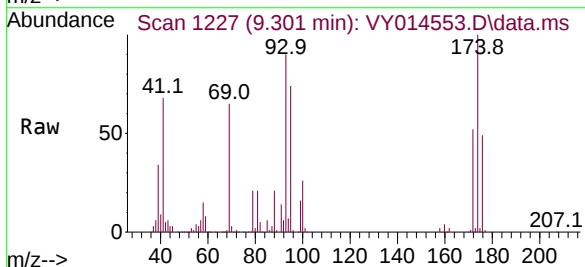
Tgt Ion: 93 Resp: 90169

Ion Ratio Lower Upper

93 100

95 81.5 66.6 100.0

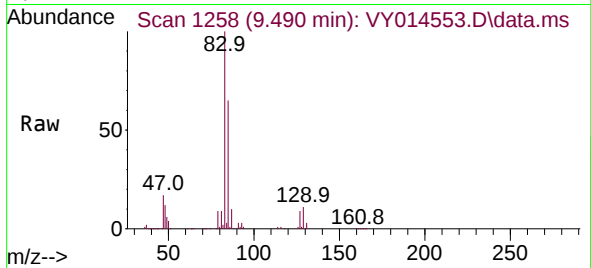
174 109.2 84.8 127.2





#47
Bromodichloromethane
Concen: 52.148 ug/l
RT: 9.490 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24

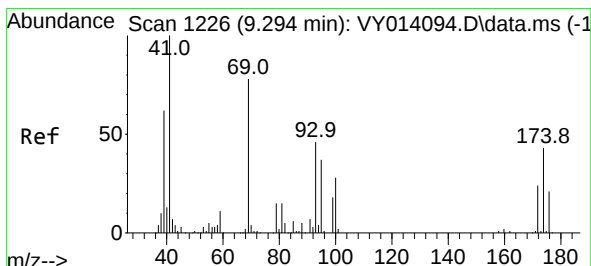
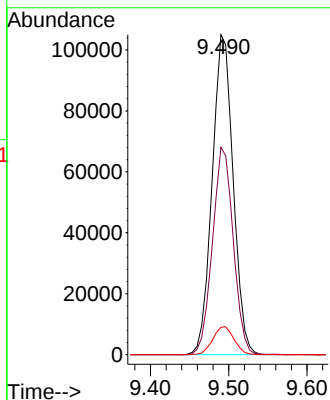
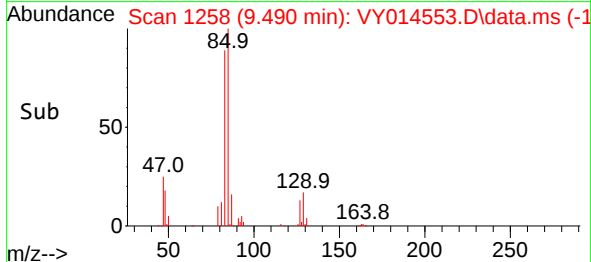
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



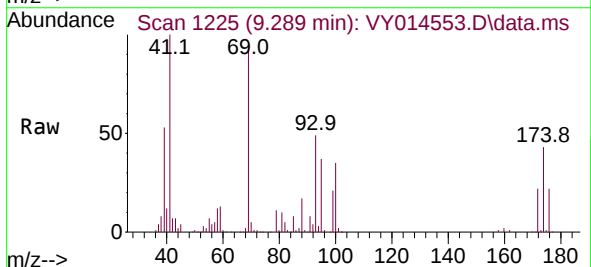
Tgt Ion: 83 Resp: 195640
Ion Ratio Lower Upper
83 100
85 64.8 50.1 75.1
127 8.5 7.1 10.7

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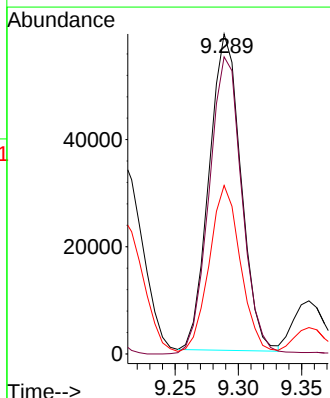
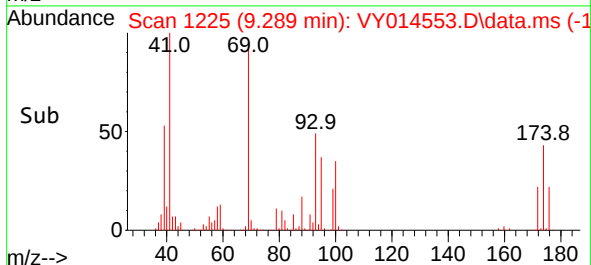
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023

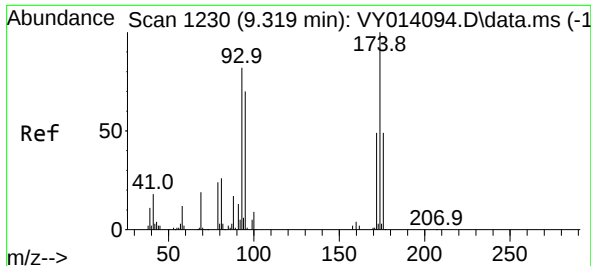


#48
Methyl methacrylate
Concen: 54.403 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.005 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24



Tgt Ion: 41 Resp: 103557
Ion Ratio Lower Upper
41 100
69 97.2 64.5 96.7#
39 51.3 50.8 76.2





#49

1,4-Dioxane

Concen: 1034.945 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.024 min

Lab File: VY014553.D

Acq: 05 Jul 2023 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 3146

Ion Ratio Lower Upper

88 100

43 25.0 0.0 0.0

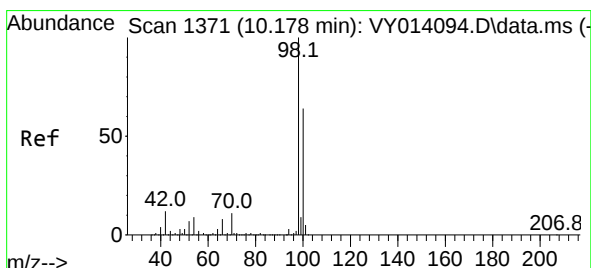
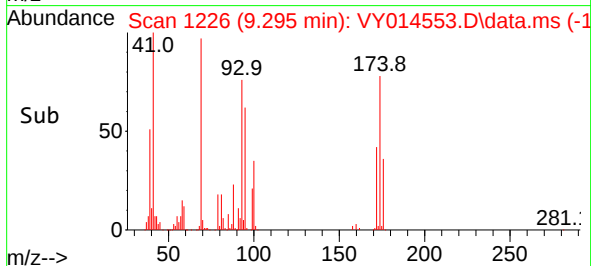
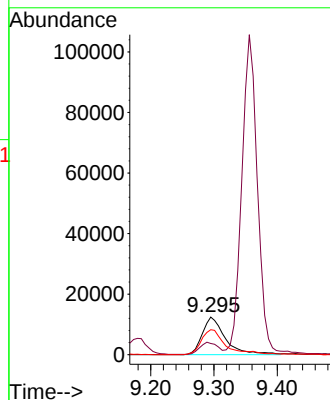
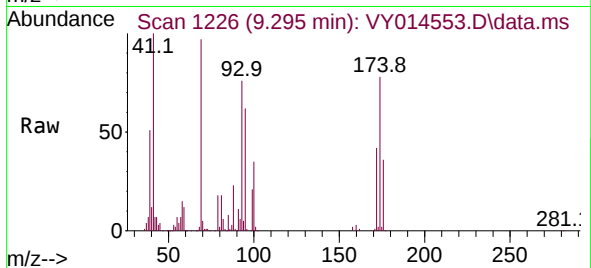
58 70.6 30.9 46.3

Manual Integrations

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Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/06/2023



#50

Toluene-d8

Concen: 51.074 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.001 min

Lab File: VY014553.D

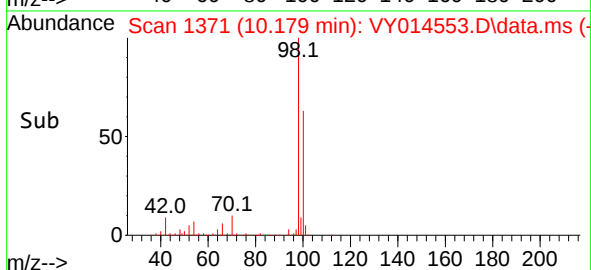
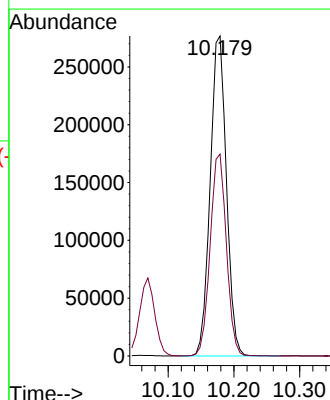
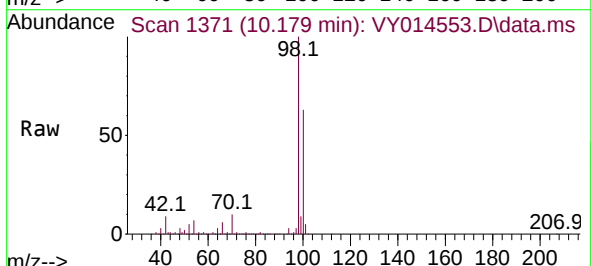
Acq: 05 Jul 2023 12:24

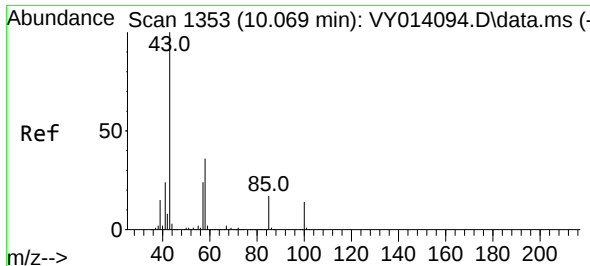
Tgt Ion: 98 Resp: 474847

Ion Ratio Lower Upper

98 100

100 63.2 50.1 75.1





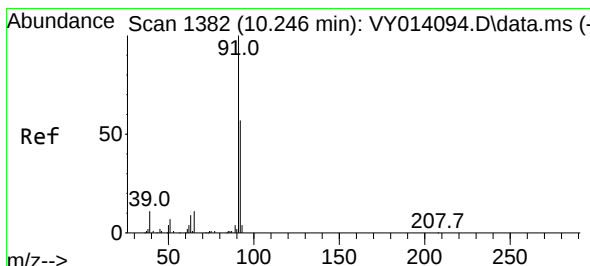
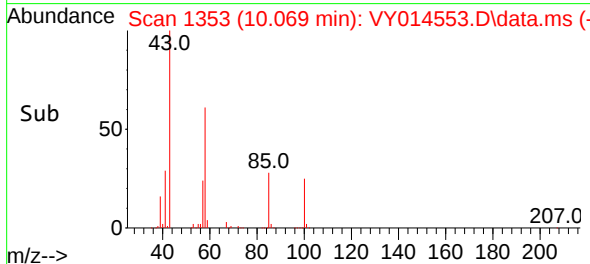
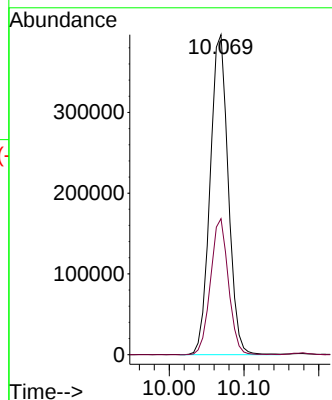
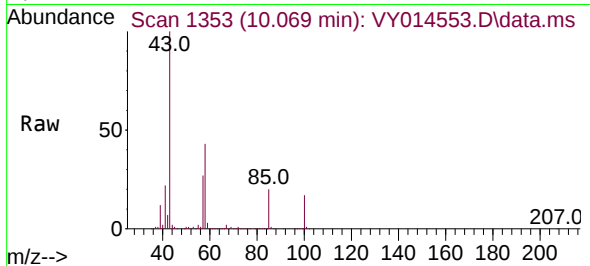
#51
4-Methyl-2-Pentanone
Concen: 269.215 ug/l
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 667152
Ion Ratio Lower Upper
43 100
58 42.0 29.0 43.6

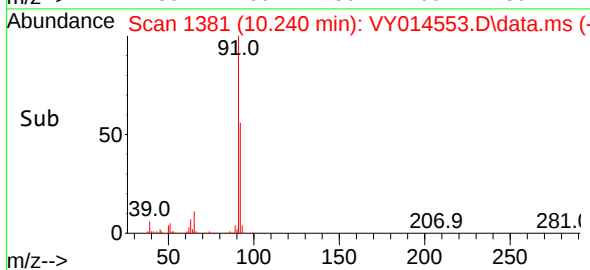
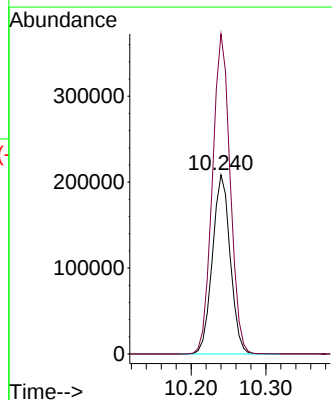
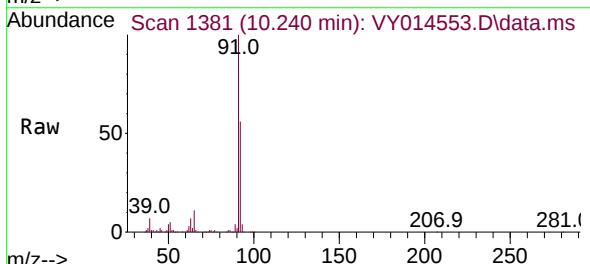
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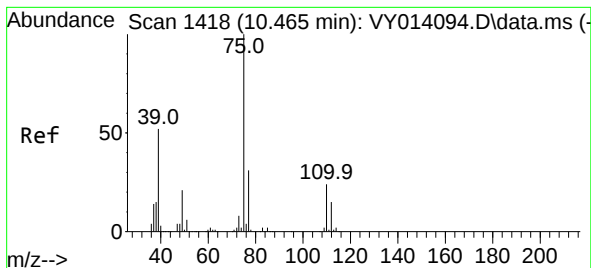
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#52
Toluene
Concen: 50.339 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24

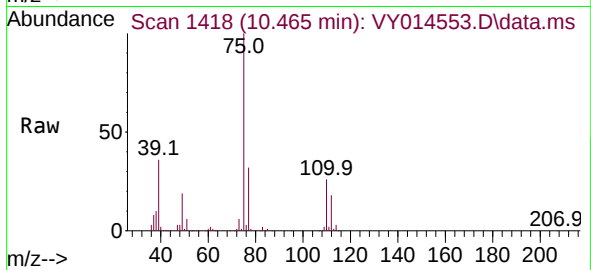
Tgt Ion: 92 Resp: 345360
Ion Ratio Lower Upper
92 100
91 178.8 143.8 215.6





#53
 t-1,3-Dichloropropene
 Concen: 51.670 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY014553.D
 Acq: 05 Jul 2023 12:24

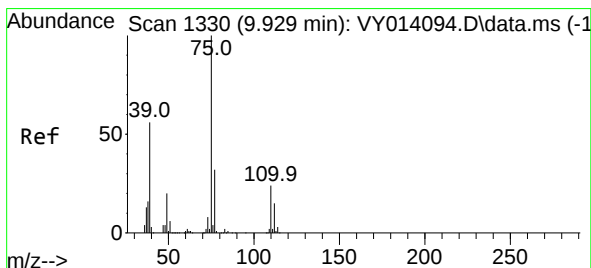
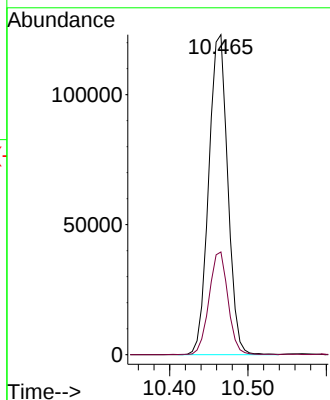
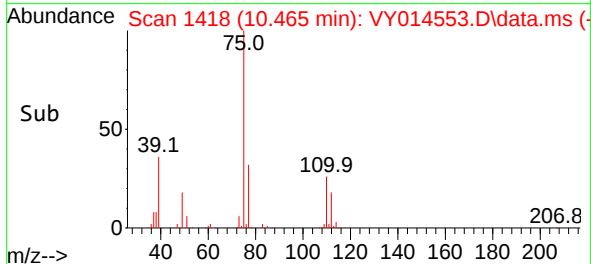
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 75 Resp: 207292
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.0 37.4

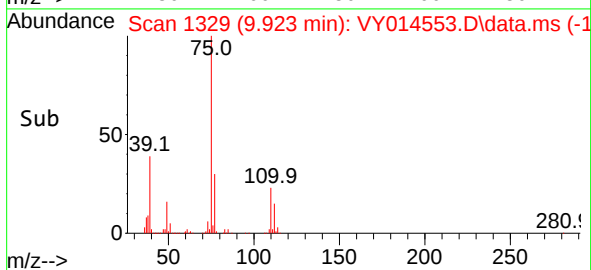
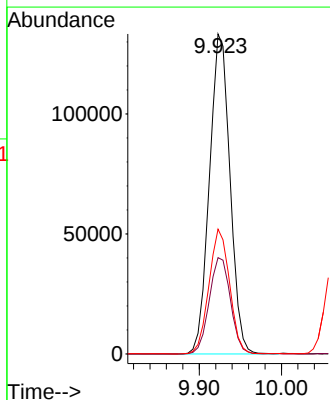
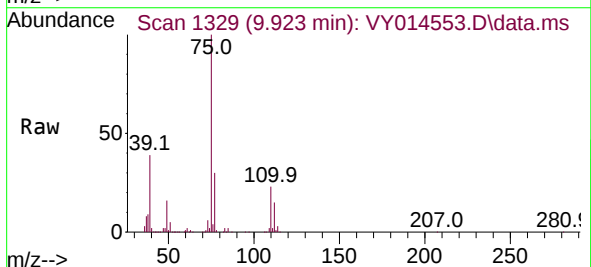
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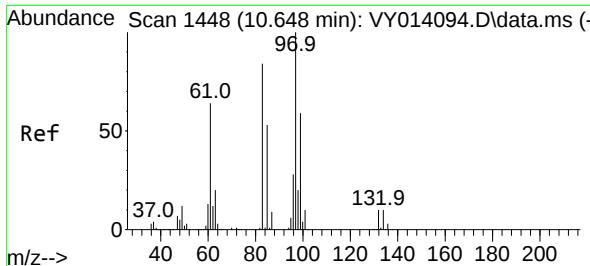
Reviewed By :John Carlone 07/06/2023
 Supervised By :Mahesh Dadoda 07/06/2023



#54
 cis-1,3-Dichloropropene
 Concen: 51.747 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: VY014553.D
 Acq: 05 Jul 2023 12:24

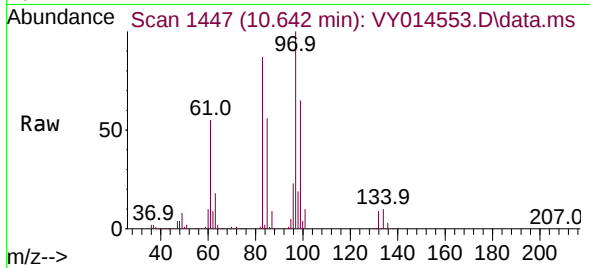
Tgt Ion: 75 Resp: 231629
 Ion Ratio Lower Upper
 75 100
 77 30.1 24.2 36.4
 39 39.0 42.2 63.4#





#55
1,1,2-Trichloroethane
Concen: 51.563 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

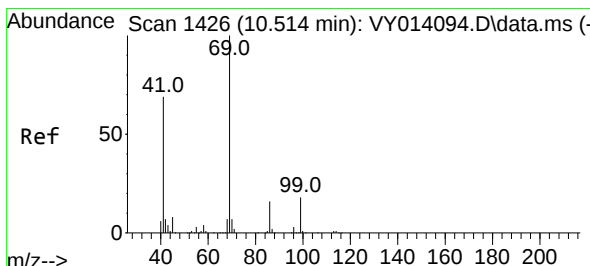
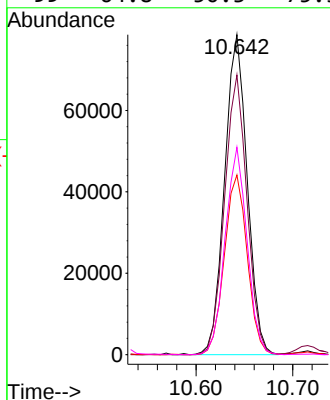
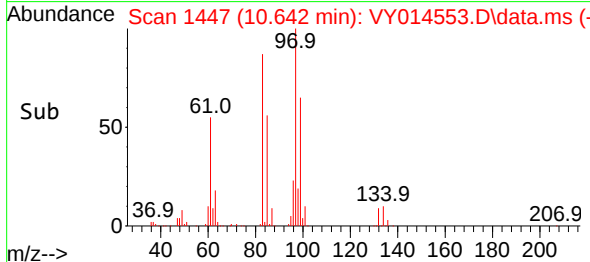


Tgt Ion: 97 Resp: 12775

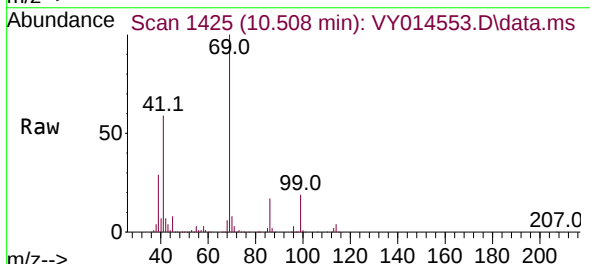
Ion	Ratio	Lower	Upper
97	100		
83	87.4	72.0	108.0
85	56.0	45.4	68.0
99	64.8	50.3	75.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023

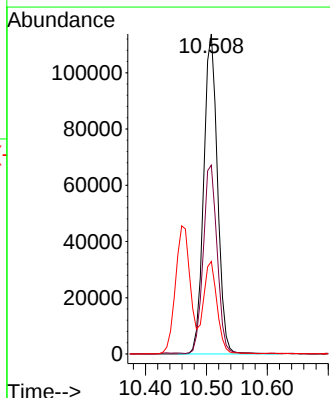
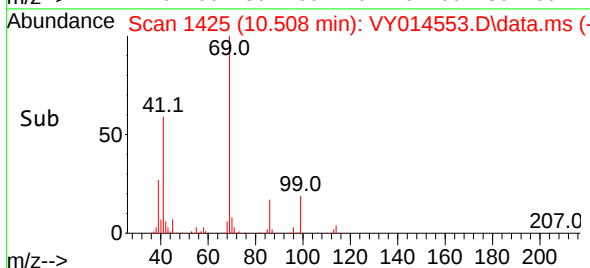


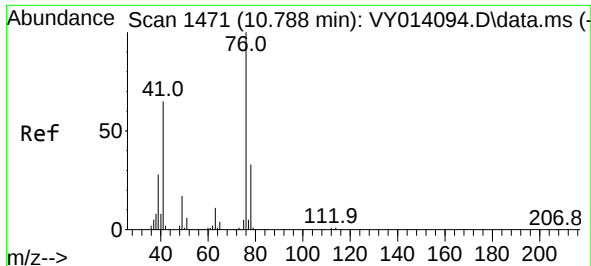
#56
Ethyl methacrylate
Concen: 53.094 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24



Tgt Ion: 69 Resp: 178940

Ion	Ratio	Lower	Upper
69	100		
41	59.5	57.6	86.4
39	28.5	34.1	51.1





#57

1,3-Dichloropropane

Concen: 52.145 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014553.D

Acq: 05 Jul 2023 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 21050

Ion Ratio Lower Upper

76 100

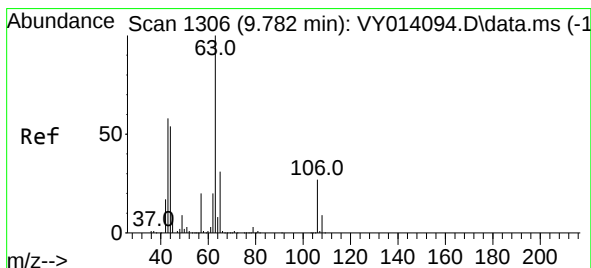
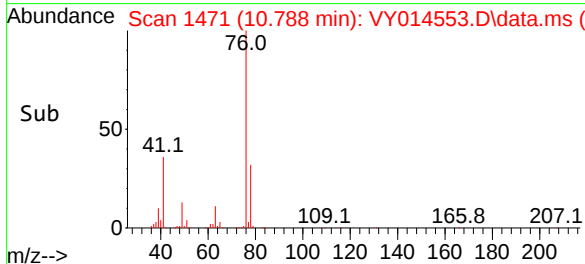
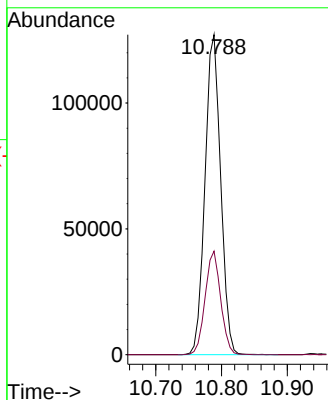
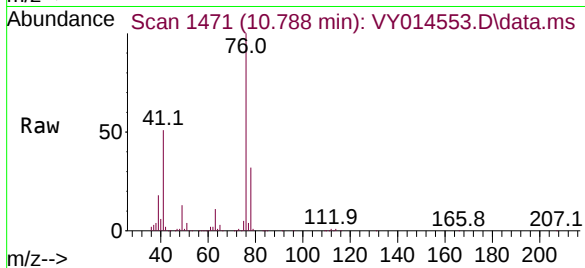
78 32.2 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/06/2023



#58

2-Chloroethyl Vinyl ether

Concen: 271.626 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY014553.D

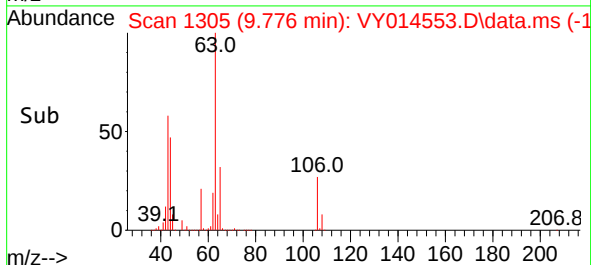
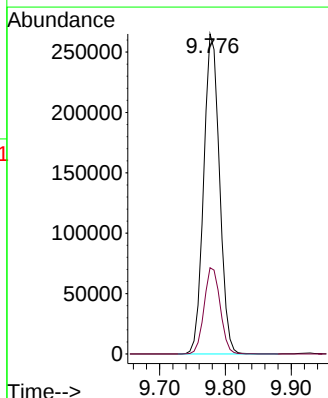
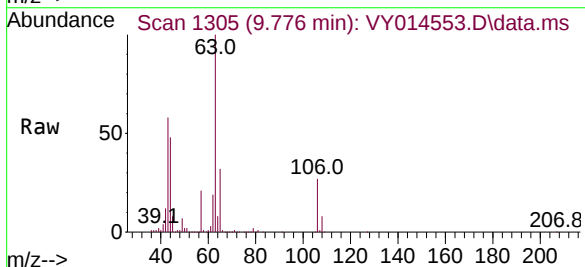
Acq: 05 Jul 2023 12:24

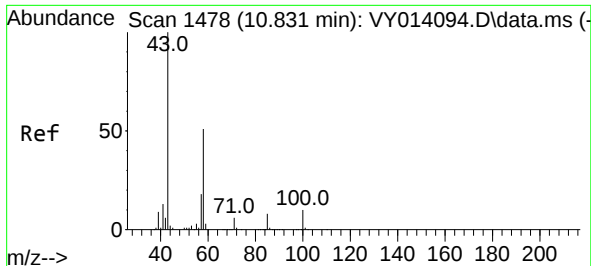
Tgt Ion: 63 Resp: 443488

Ion Ratio Lower Upper

63 100

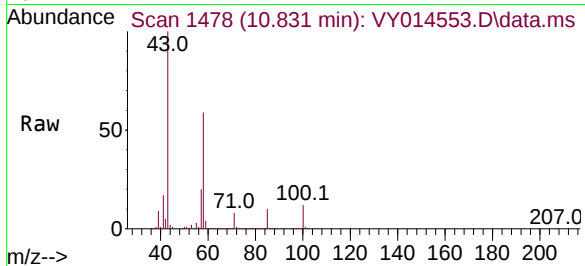
106 27.3 21.2 31.8





#59
2-Hexanone
Concen: 271.514 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24

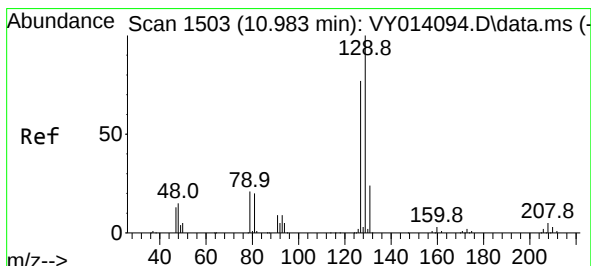
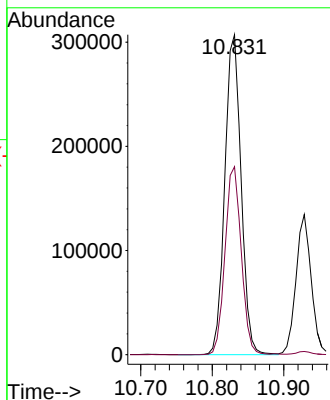
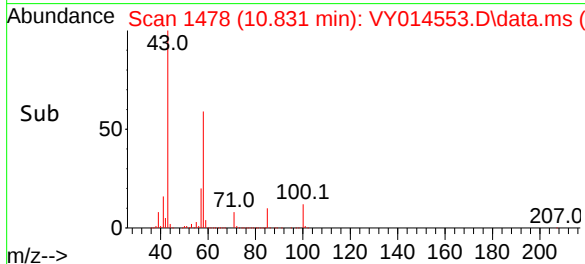
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 486039
Ion Ratio Lower Upper
43 100
58 58.5 25.1 75.3

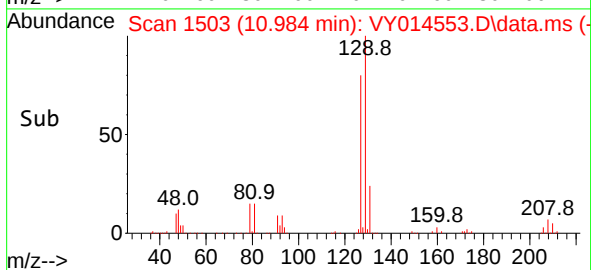
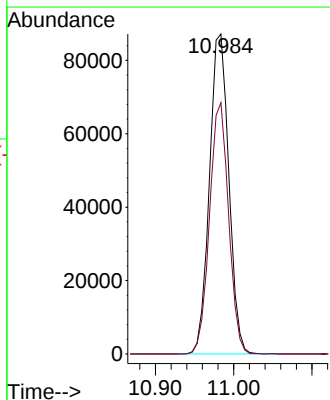
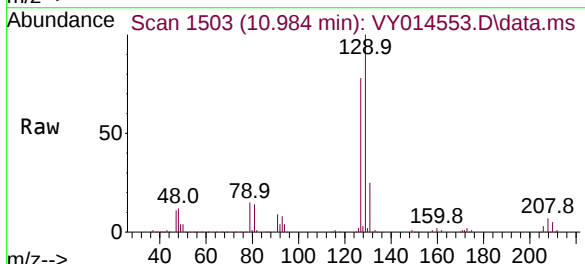
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#60
Dibromochloromethane
Concen: 51.536 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24

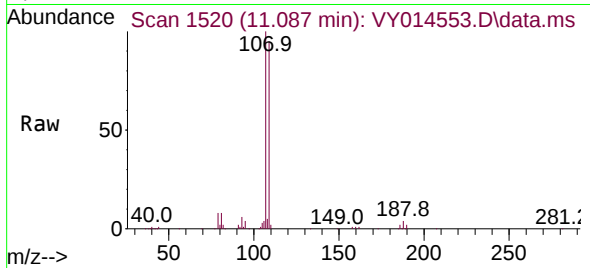
Tgt Ion:129 Resp: 149613
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





#61
1,2-Dibromoethane
Concen: 51.375 ug/l
RT: 11.087 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24

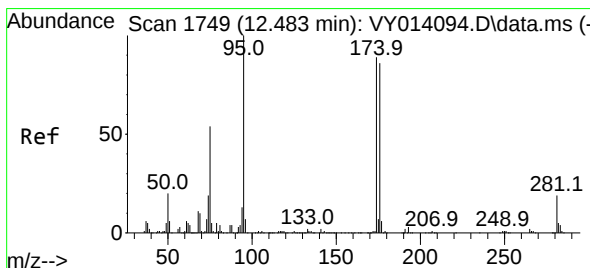
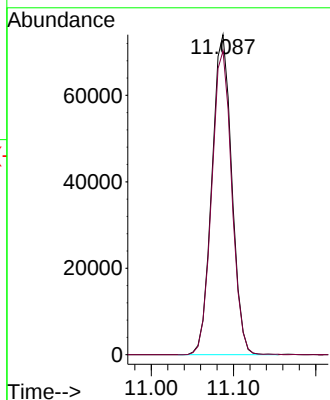
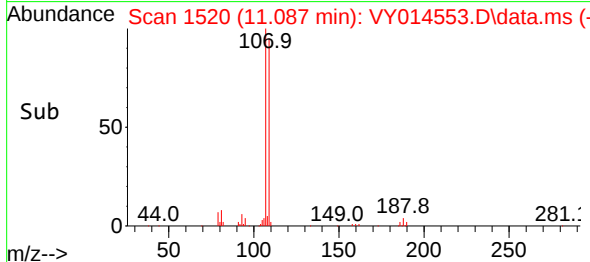
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



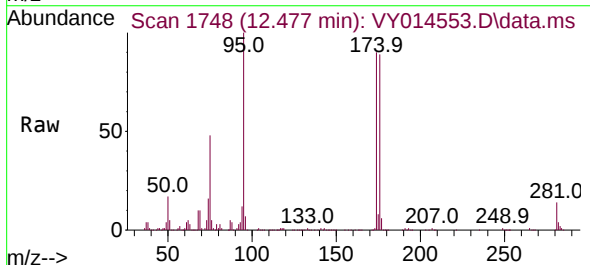
Tgt Ion:107 Resp: 12426
Ion Ratio Lower Upper
107 100
109 95.4 75.6 113.4

Manual Integrations
APPROVED

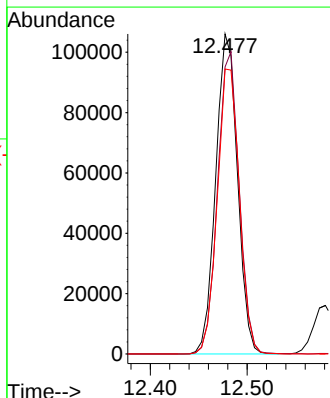
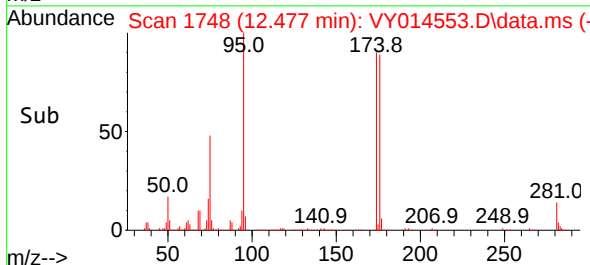
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023

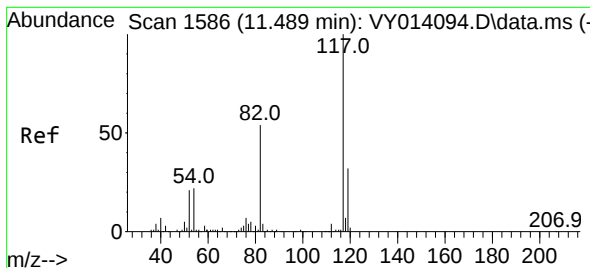


#62
4-Bromofluorobenzene
Concen: 51.202 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24



Tgt Ion: 95 Resp: 165300
Ion Ratio Lower Upper
95 100
174 93.8 0.0 178.2
176 90.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014553.D

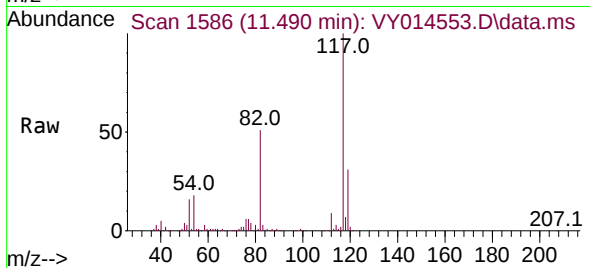
Acq: 05 Jul 2023 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion:117 Resp: 35976

Ion Ratio Lower Upper

117 100

82 51.0 43.4 65.0

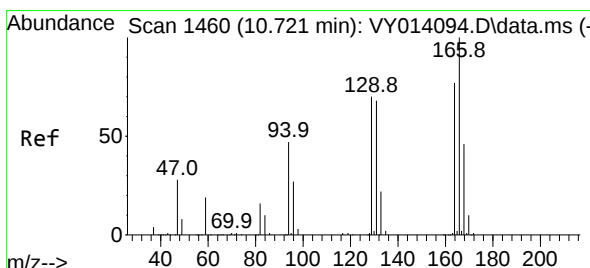
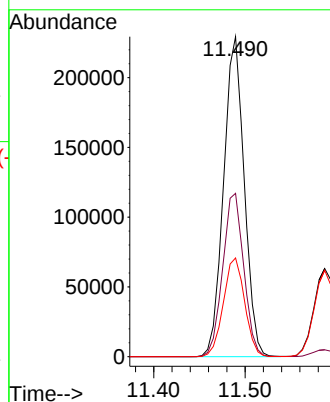
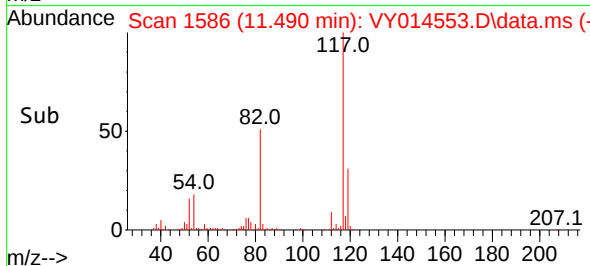
119 30.9 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/06/2023



#64

Tetrachloroethene

Concen: 50.766 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY014553.D

Acq: 05 Jul 2023 12:24

Tgt Ion:164 Resp: 163266

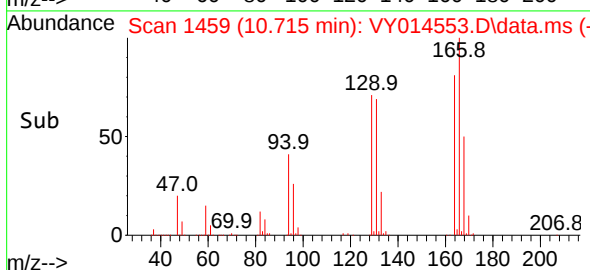
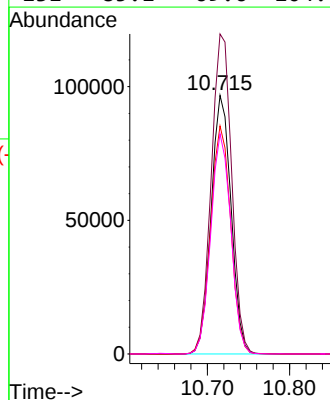
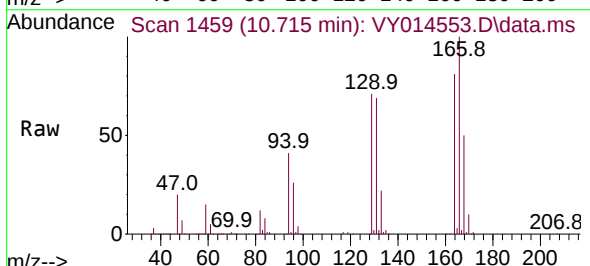
Ion Ratio Lower Upper

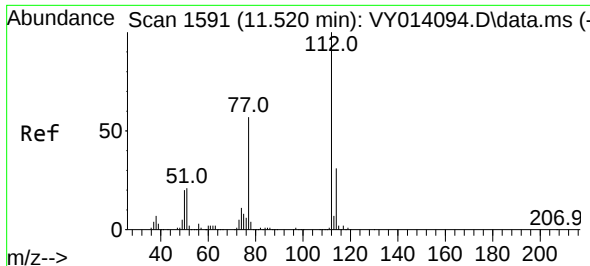
164 100

166 123.7 103.0 154.6

129 88.2 77.2 115.8

131 85.1 69.6 104.4





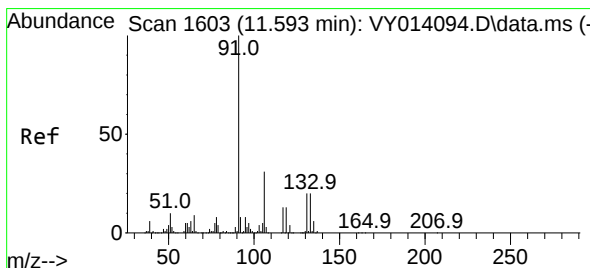
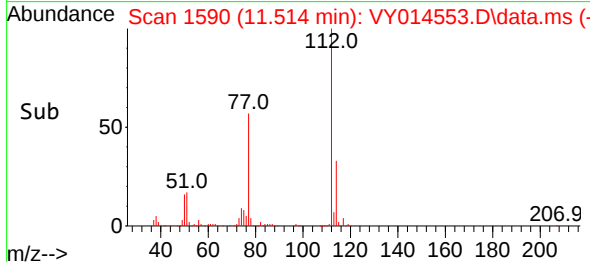
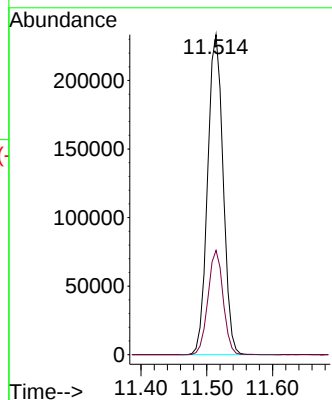
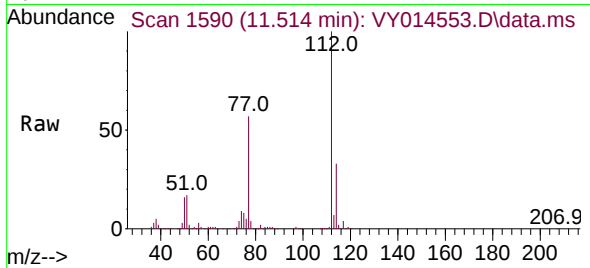
#65
Chlorobenzene
Concen: 49.862 ug/l
RT: 11.514 min Scan# 1150
Delta R.T. -0.006 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 38229
Ion Ratio Lower Upper
112 100
114 32.6 25.5 38.3

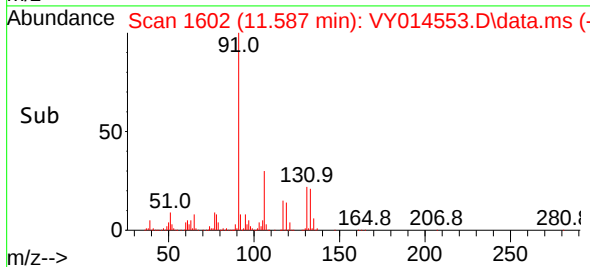
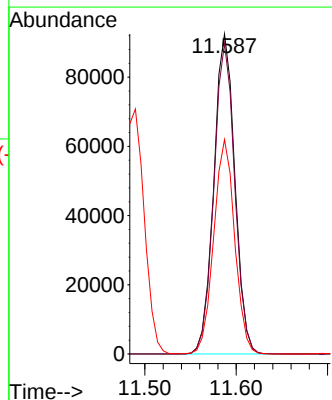
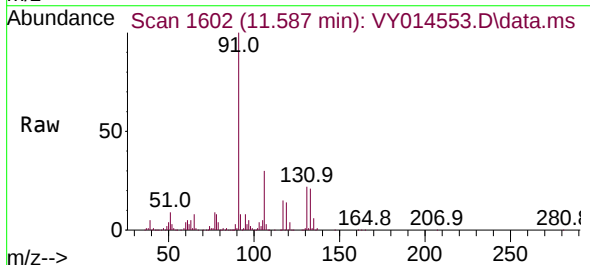
Manual Integrations
APPROVED

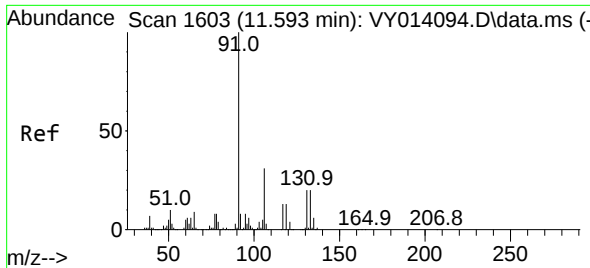
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 50.647 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24

Tgt Ion:131 Resp: 147586
Ion Ratio Lower Upper
131 100
133 96.3 47.5 142.6
119 66.8 31.6 94.7





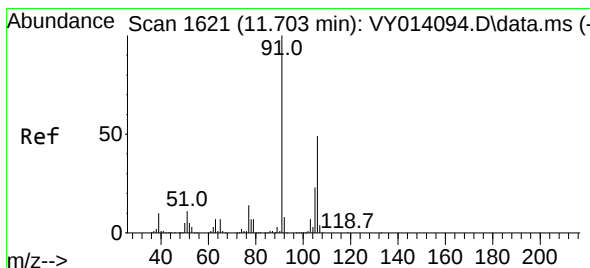
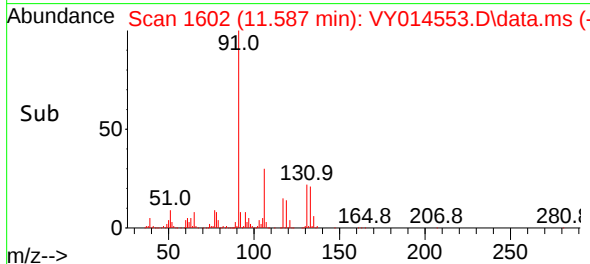
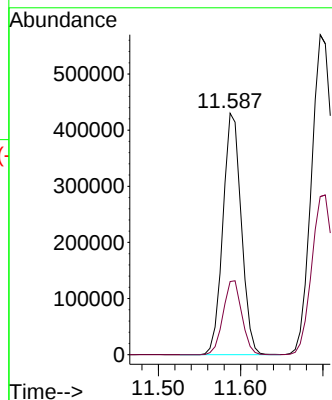
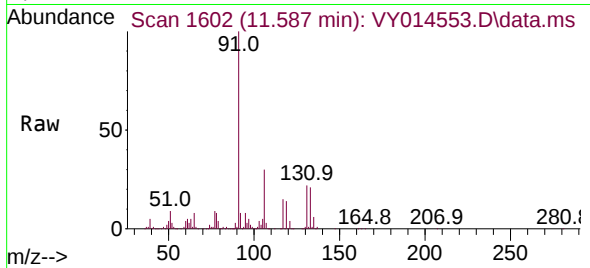
#67
Ethyl Benzene
Concen: 51.147 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 66872
Ion Ratio Lower Upper
91 100
106 30.3 24.6 36.8

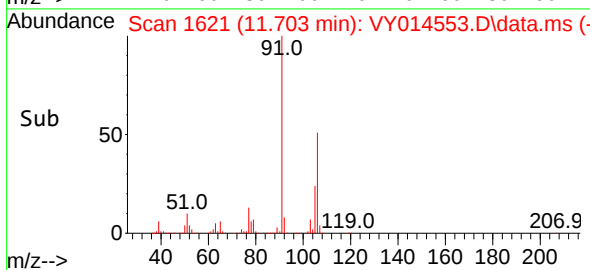
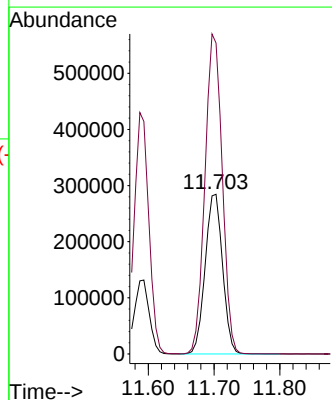
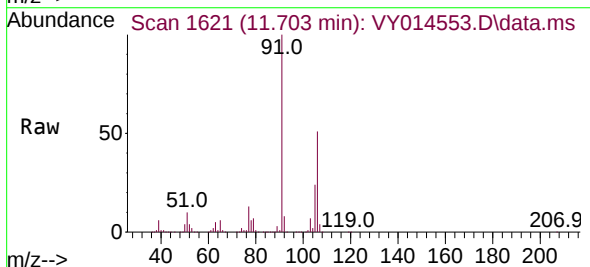
Manual Integrations
APPROVED

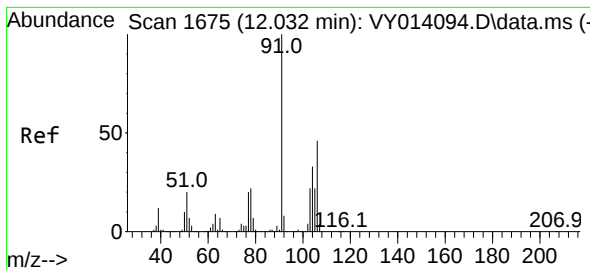
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#68
m/p-Xylenes
Concen: 100.809 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24

Tgt Ion:106 Resp: 522817
Ion Ratio Lower Upper
106 100
91 199.7 166.1 249.1





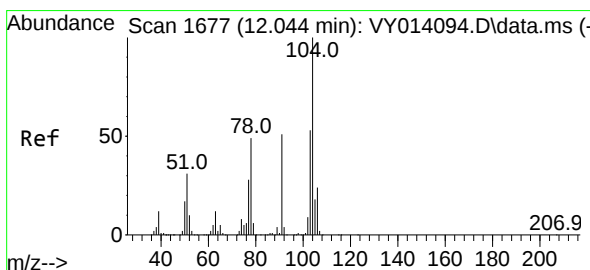
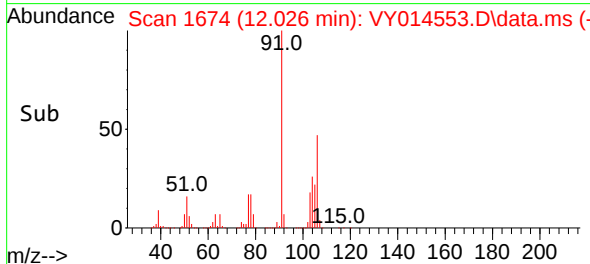
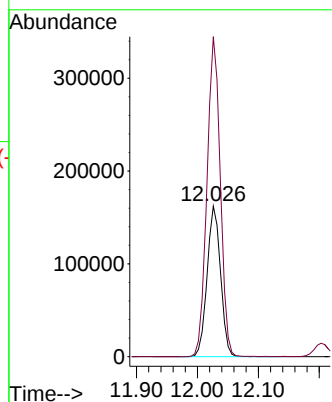
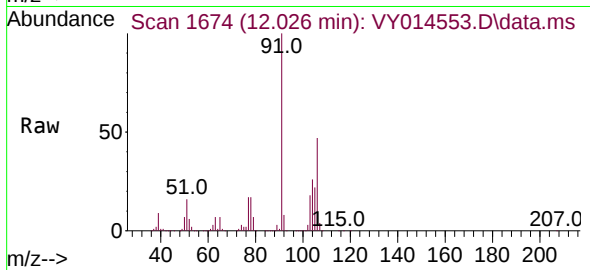
#69
o-Xylene
Concen: 50.609 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 248939
Ion Ratio Lower Upper
106 100
91 210.7 108.1 324.3

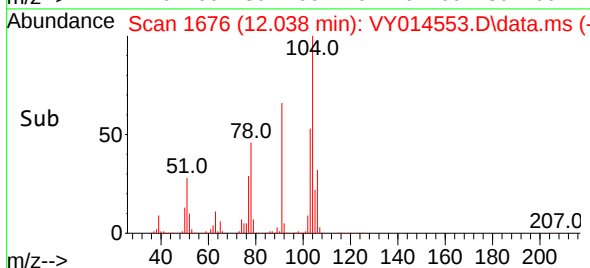
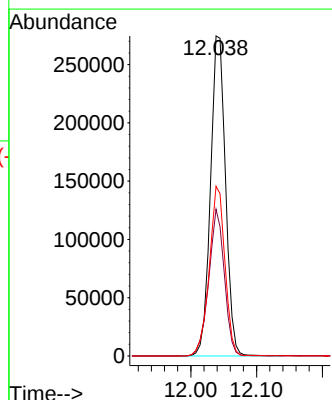
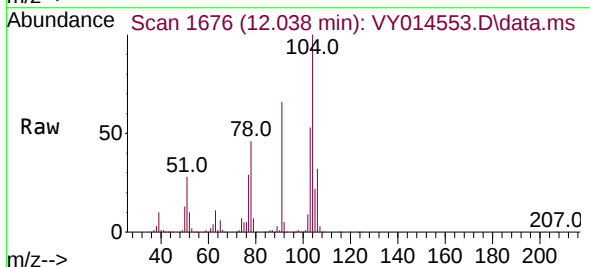
Manual Integrations
APPROVED

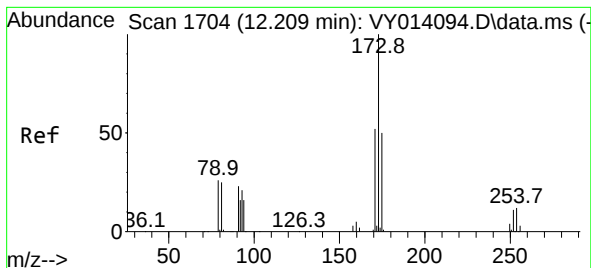
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#70
Styrene
Concen: 51.645 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24

Tgt Ion:104 Resp: 437064
Ion Ratio Lower Upper
104 100
78 47.4 41.5 62.3
103 55.4 44.6 67.0





#71

Bromoform

Concen: 50.854 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014553.D

Acq: 05 Jul 2023 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 11258

Ion Ratio Lower Upper

173 100

175 48.9 24.6 73.8

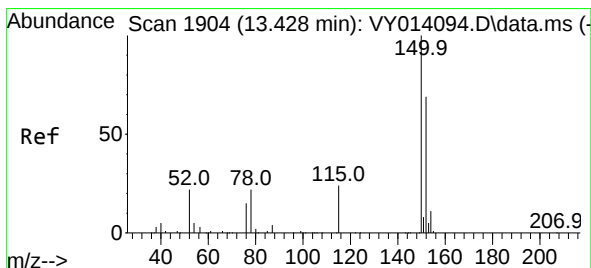
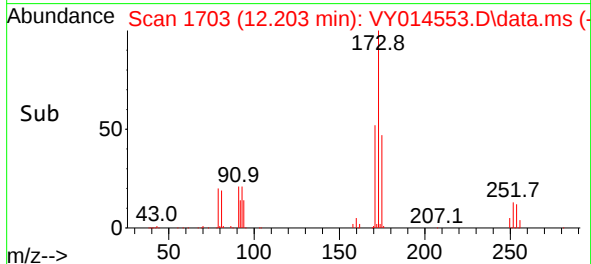
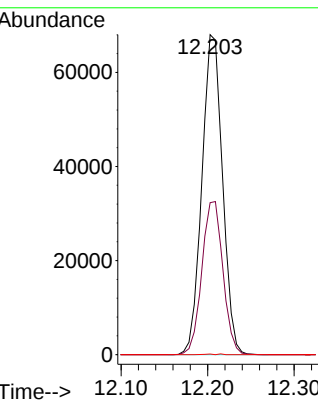
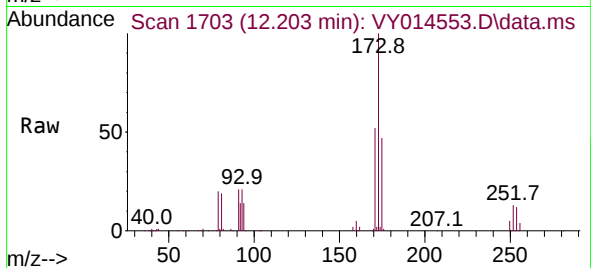
254 0.1 0.2 0.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/06/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014553.D

Acq: 05 Jul 2023 12:24

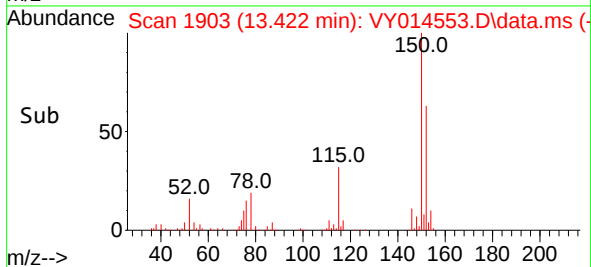
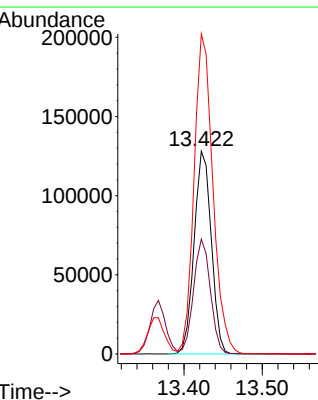
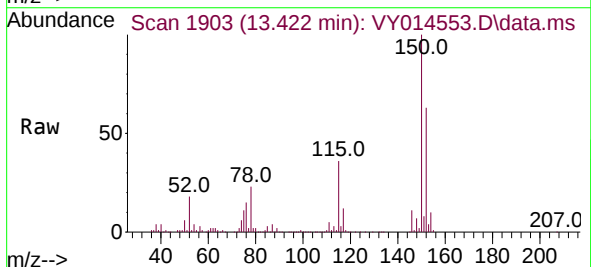
Tgt Ion:152 Resp: 195040

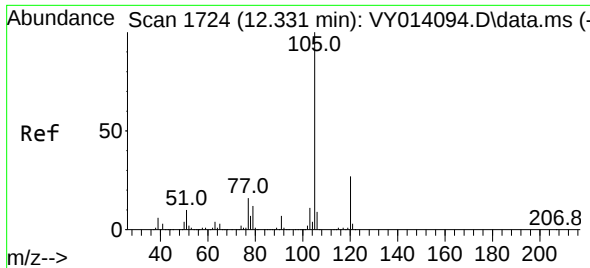
Ion Ratio Lower Upper

152 100

115 55.4 28.8 86.5

150 172.6 0.0 348.8





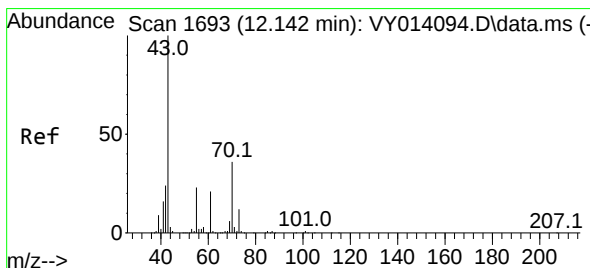
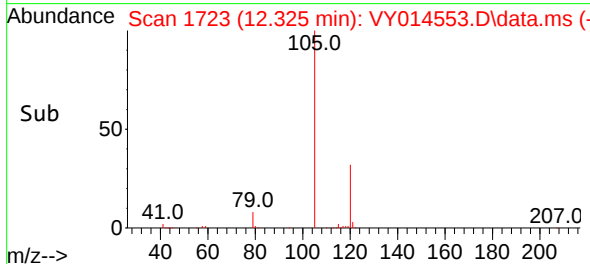
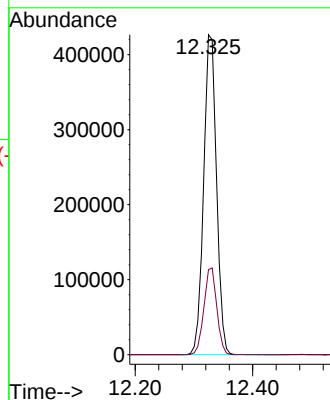
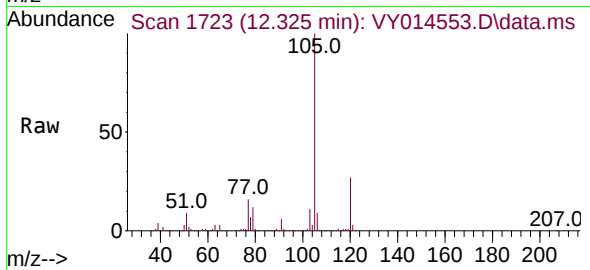
#73
Isopropylbenzene
Concen: 50.849 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 64952
Ion Ratio Lower Upper
105 100
120 27.1 13.3 39.9

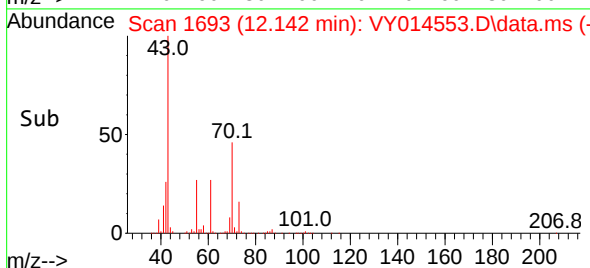
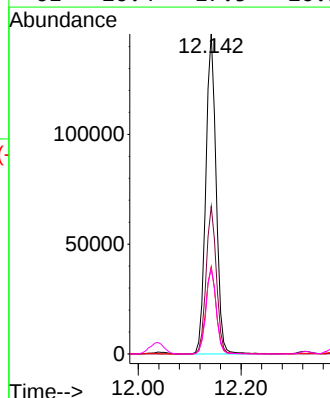
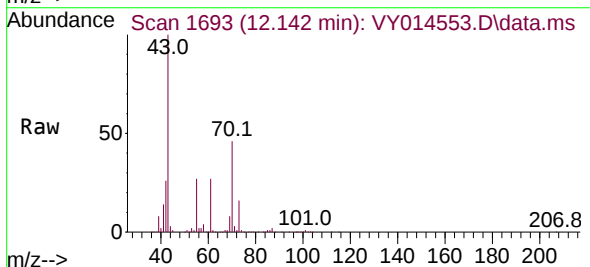
Manual Integrations
APPROVED

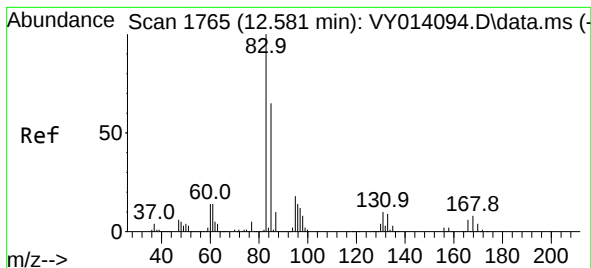
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#74
N-ethyl acetate
Concen: 52.762 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24

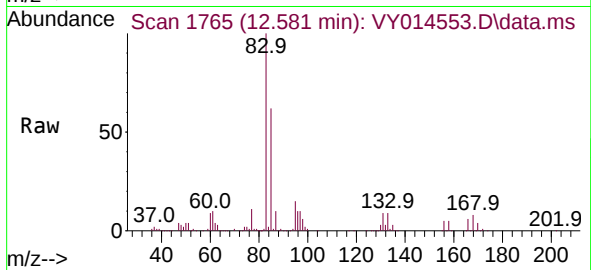
Tgt Ion: 43 Resp: 203411
Ion Ratio Lower Upper
43 100
70 45.7 29.7 44.5#
55 27.2 18.3 27.5
61 26.4 17.5 26.3#





#75
1,1,2,2-Tetrachloroethane
Concen: 51.475 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24

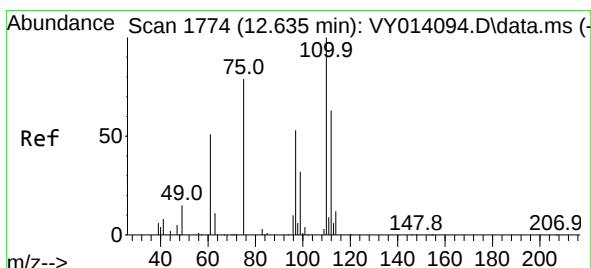
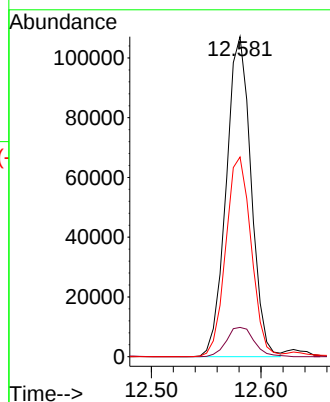
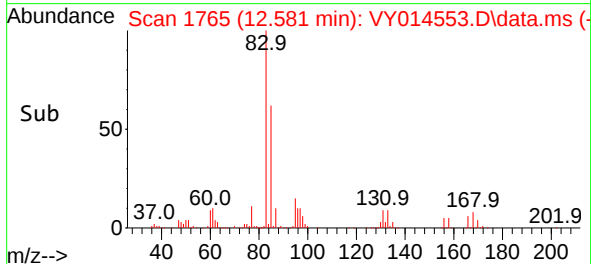
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



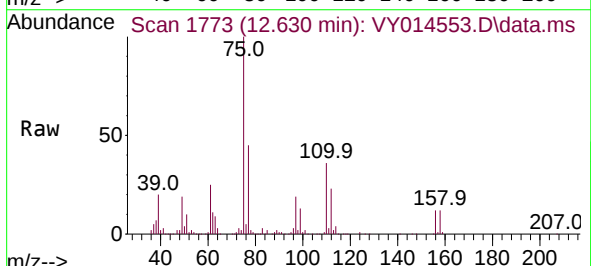
Tgt Ion: 83 Resp: 168734
Ion Ratio Lower Upper
83 100
131 10.2 5.4 16.2
85 63.9 31.8 95.4

Manual Integrations
APPROVED

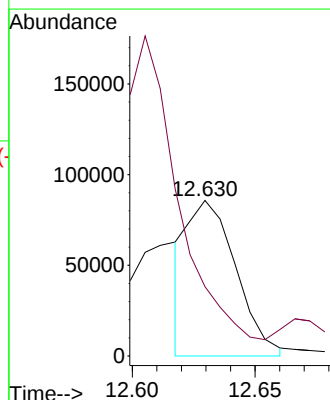
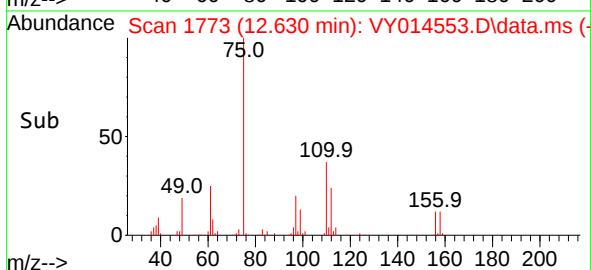
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023

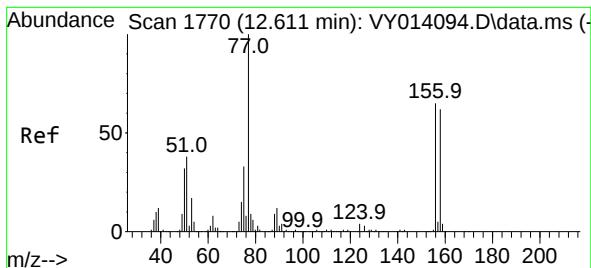


#76
1,2,3-Trichloropropane
Concen: 51.861 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.005 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24



Tgt Ion: 75 Resp: 118696
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.287 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY014553.D

Acq: 05 Jul 2023 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

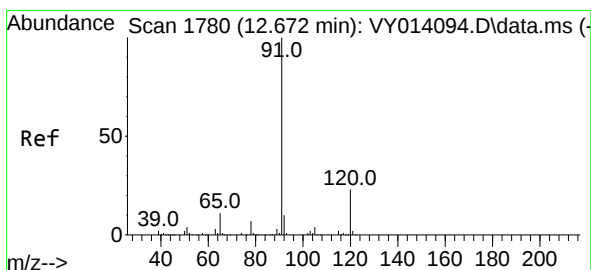
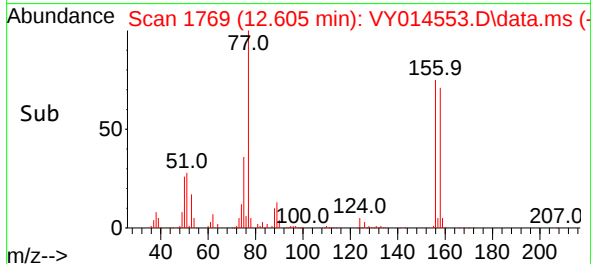
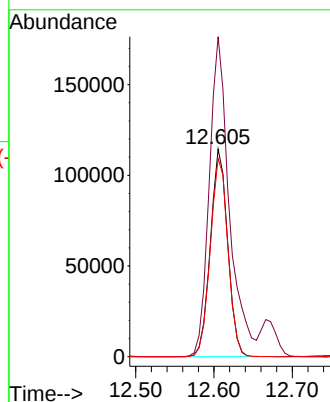
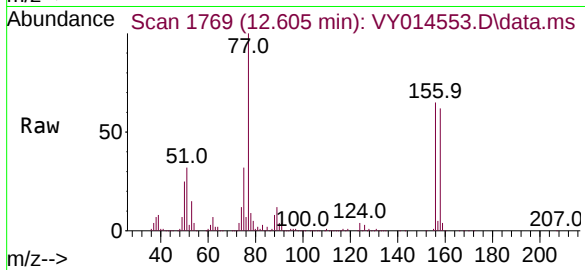
Tgt Ion:	156	Resp:	175440
Ion Ratio	Lower	Upper	
156	100		
77	178.9	92.8	278.6
158	97.3	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/06/2023



#78

n-propylbenzene

Concen: 51.761 ug/l

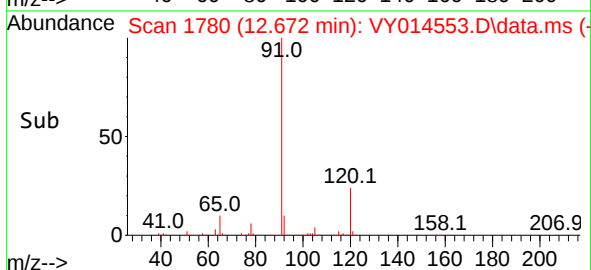
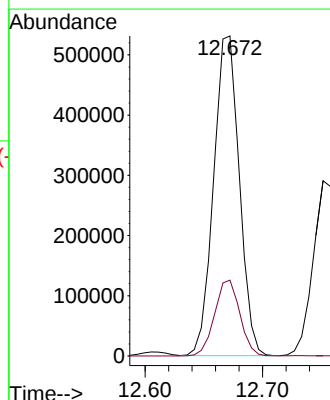
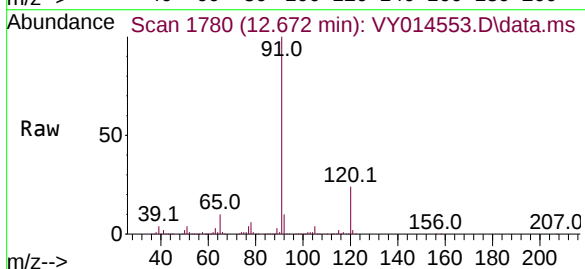
RT: 12.672 min Scan# 1780

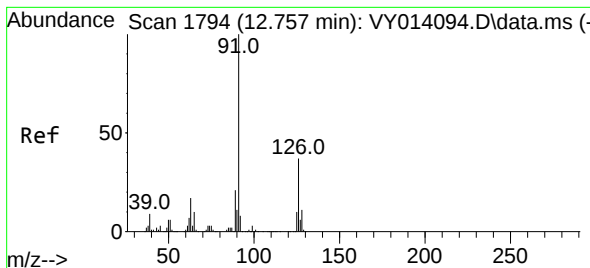
Delta R.T. 0.000 min

Lab File: VY014553.D

Acq: 05 Jul 2023 12:24

Tgt Ion:	91	Resp:	806532
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.5	34.4





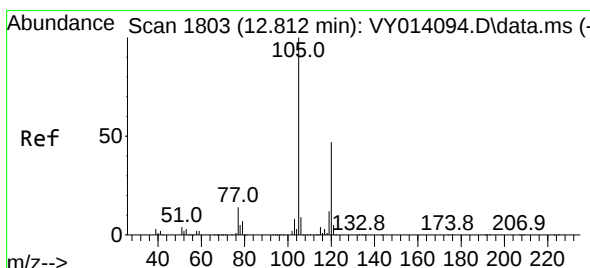
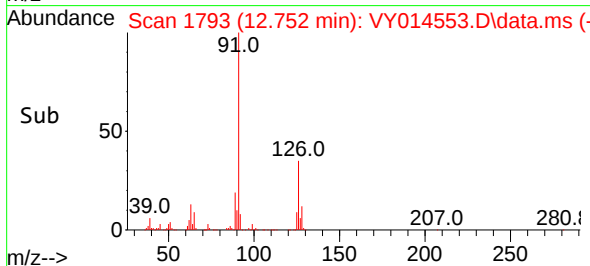
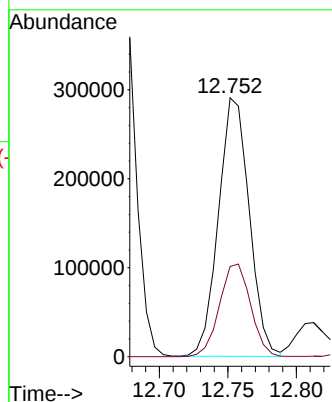
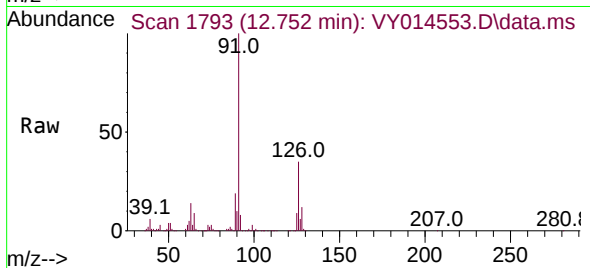
#79
2-Chlorotoluene
Concen: 50.745 ug/l
RT: 12.752 min Scan# 1794
Delta R.T. -0.005 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 455049
Ion Ratio Lower Upper
91 100
126 36.3 17.3 51.7

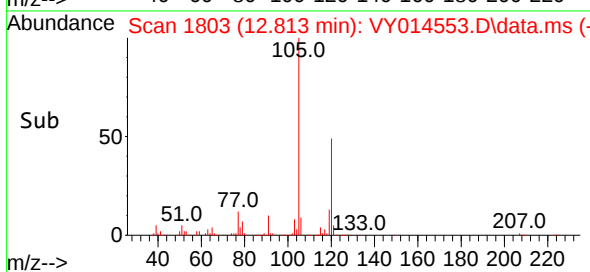
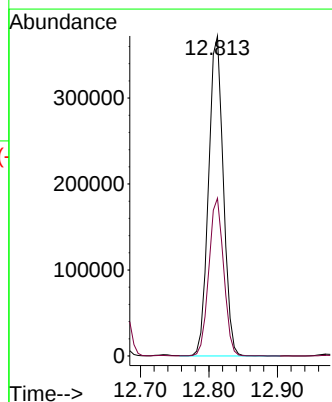
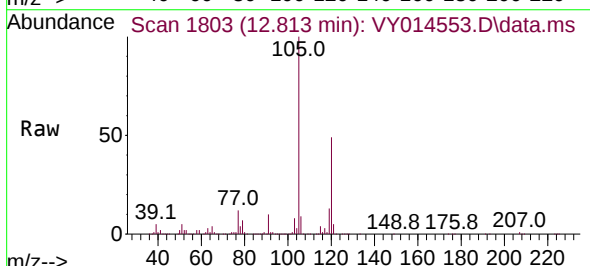
Manual Integrations
APPROVED

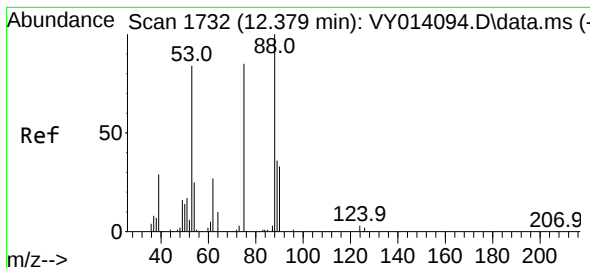
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#80
1,3,5-Trimethylbenzene
Concen: 51.434 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24

Tgt Ion:105 Resp: 556193
Ion Ratio Lower Upper
105 100
120 49.7 23.9 71.7





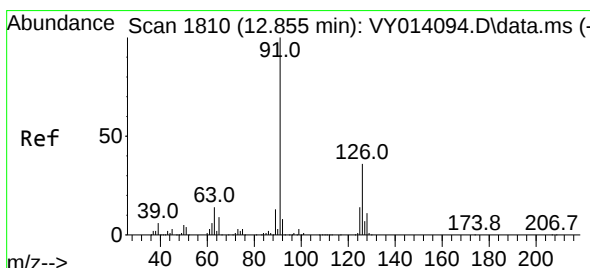
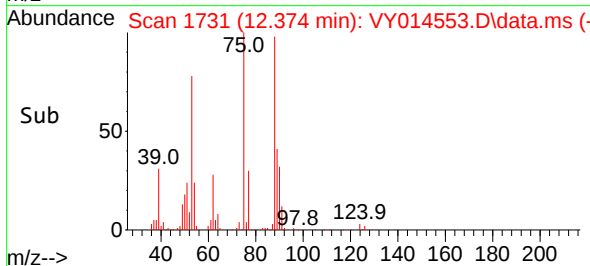
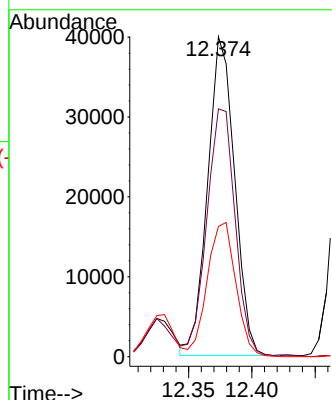
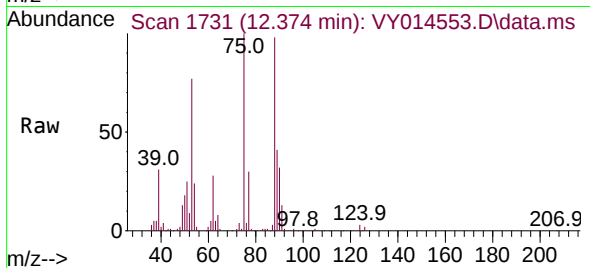
#81
trans-1,4-Dichloro-2-butene
Concen: 50.280 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. -0.005 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 5912
Ion Ratio Lower Upper
75 100
53 82.9 77.8 116.8
89 44.7 37.4 56.0

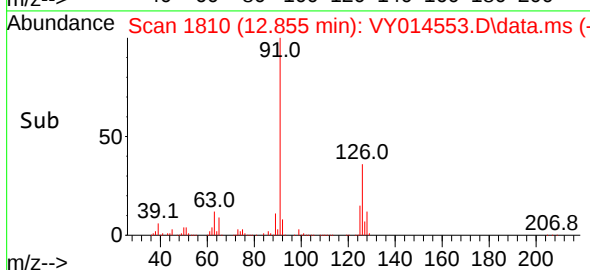
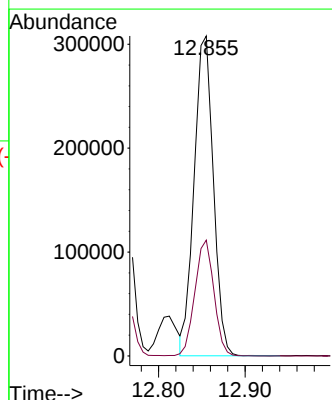
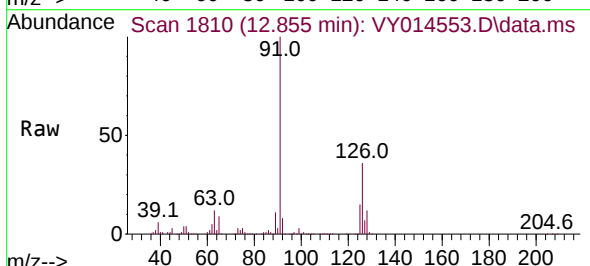
Manual Integrations
APPROVED

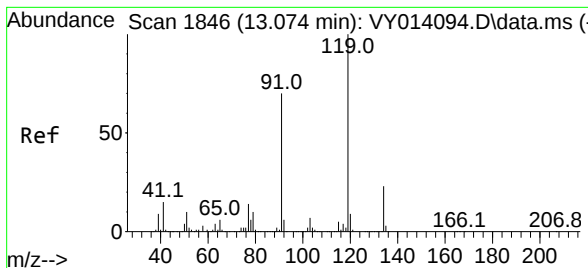
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#82
4-Chlorotoluene
Concen: 50.552 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24

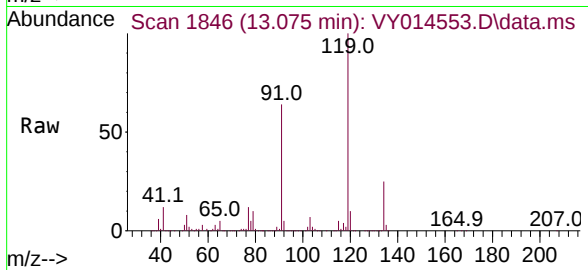
Tgt Ion: 91 Resp: 474908
Ion Ratio Lower Upper
91 100
126 35.9 17.2 51.6





#83
tert-Butylbenzene
Concen: 50.315 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.001 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24

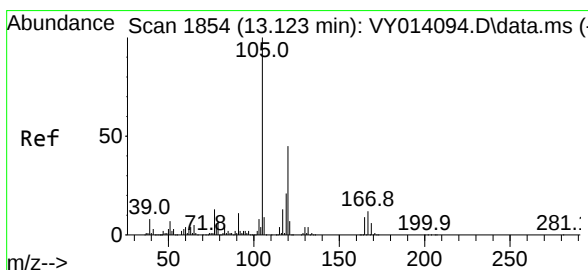
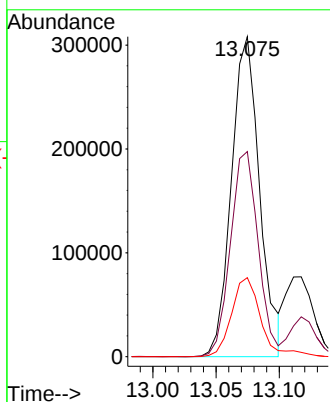
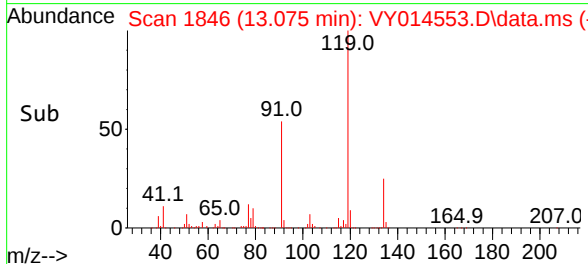
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



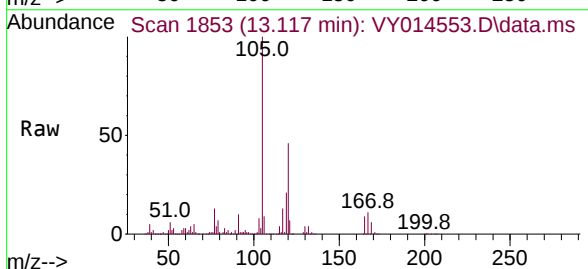
Tgt Ion:119 Resp: 478180
Ion Ratio Lower Upper
119 100
91 63.1 32.9 98.6
134 25.8 13.0 38.9

Manual Integrations
APPROVED

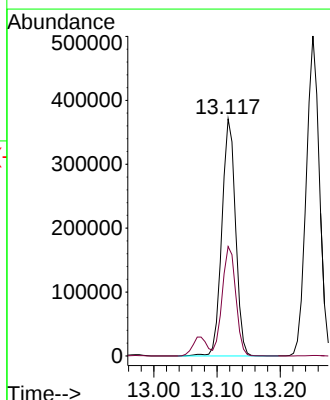
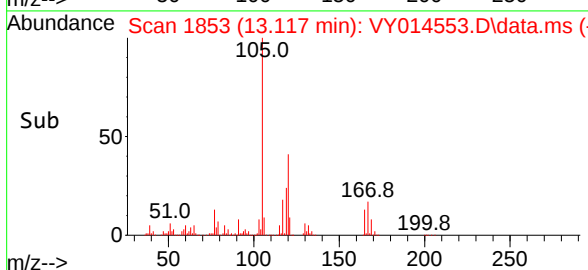
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023

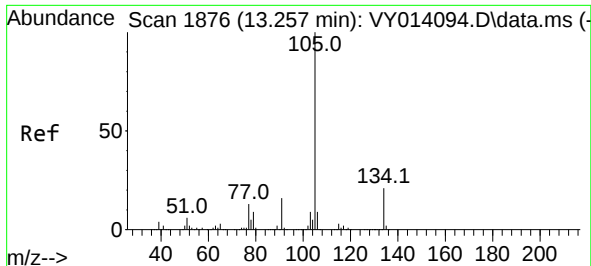


#84
1,2,4-Trimethylbenzene
Concen: 51.403 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24



Tgt Ion:105 Resp: 554683
Ion Ratio Lower Upper
105 100
120 45.7 22.2 66.6





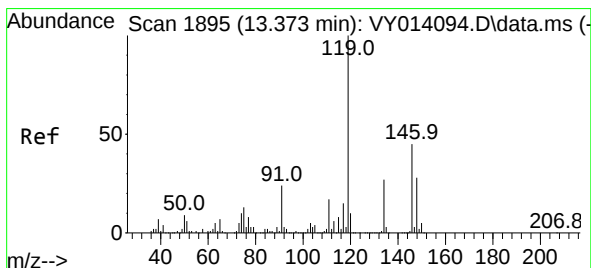
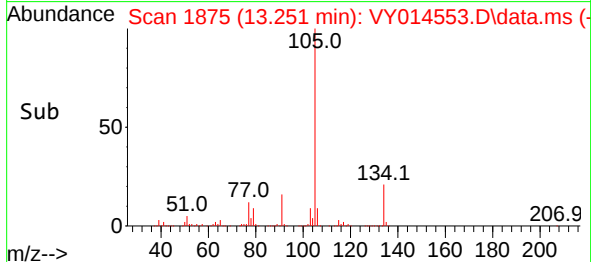
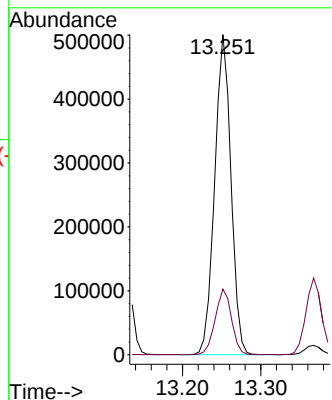
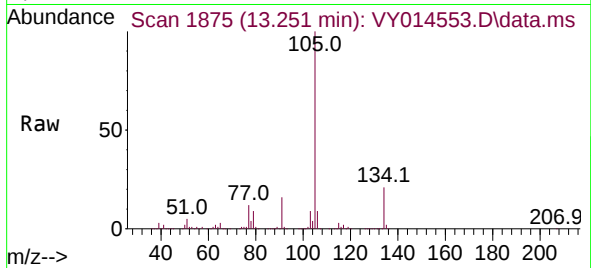
#85
 sec-Butylbenzene
 Concen: 51.526 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VY014553.D
 Acq: 05 Jul 2023 12:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 722609
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.6

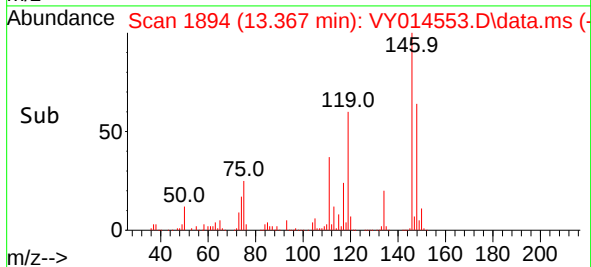
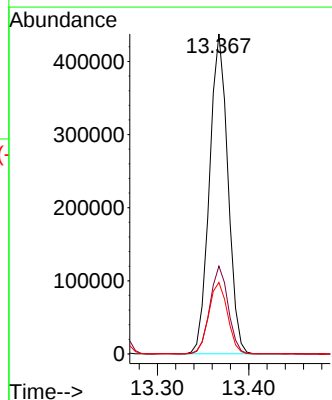
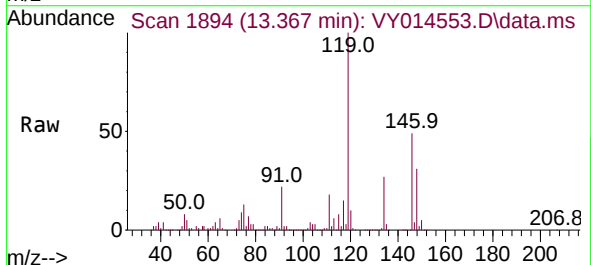
Manual Integrations
 APPROVED

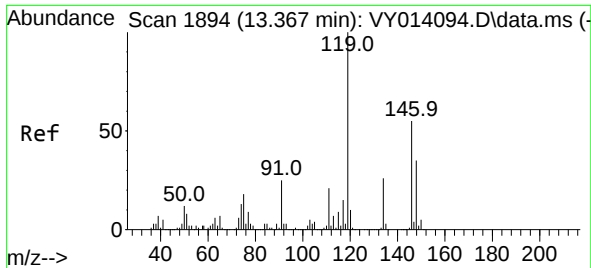
Reviewed By :John Carlone 07/06/2023
 Supervised By :Mahesh Dadoda 07/06/2023



#86
 p-Isopropyltoluene
 Concen: 51.672 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: VY014553.D
 Acq: 05 Jul 2023 12:24

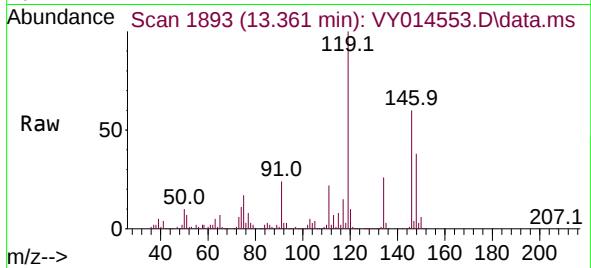
Tgt Ion:119 Resp: 609832
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.3 39.8
 91 22.8 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 49.742 ug/l
RT: 13.361 min Scan# 1894
Delta R.T. -0.006 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24

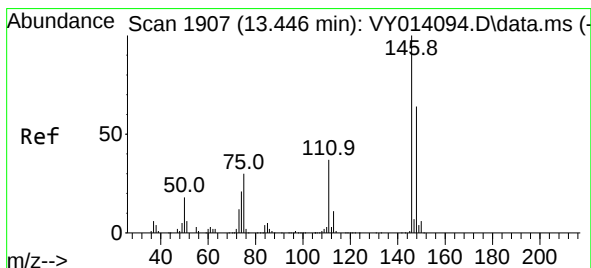
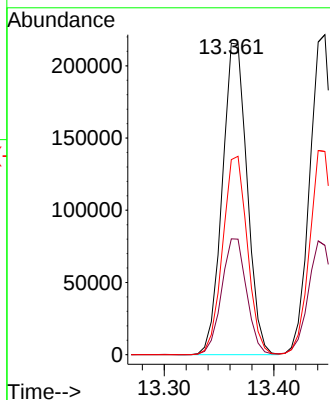
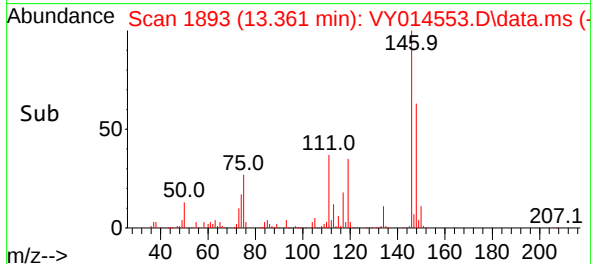
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 339318
Ion Ratio Lower Upper
146 100
111 37.5 19.4 58.2
148 63.3 31.9 95.5

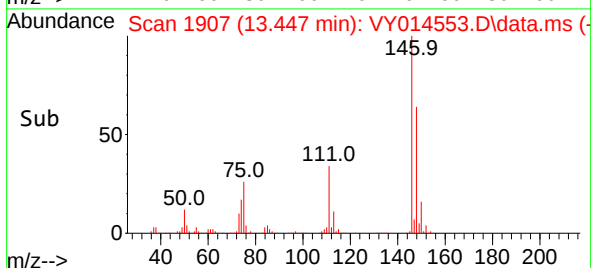
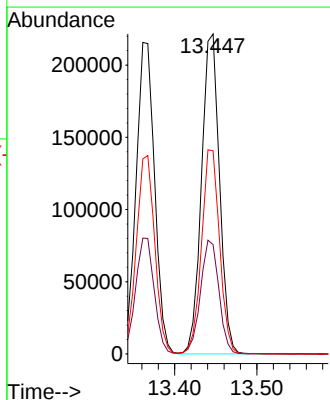
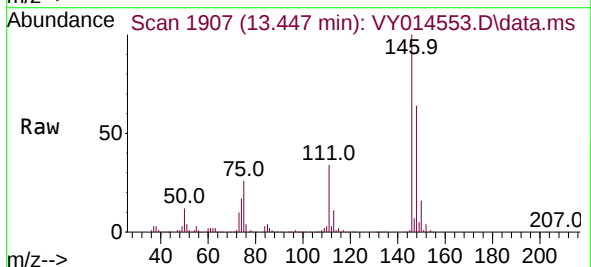
Manual Integrations
APPROVED

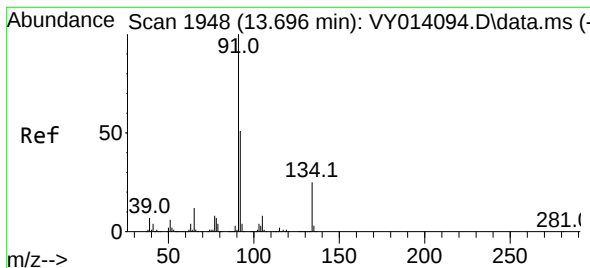
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#88
1,4-Dichlorobenzene
Concen: 49.337 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.001 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24

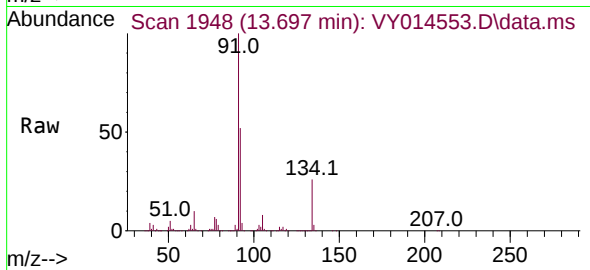
Tgt Ion:146 Resp: 337287
Ion Ratio Lower Upper
146 100
111 36.3 18.9 56.7
148 64.1 32.1 96.5





#89
n-Butylbenzene
Concen: 52.595 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.001 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24

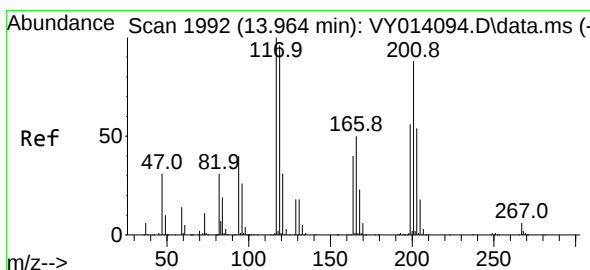
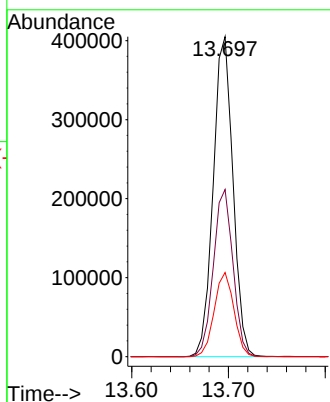
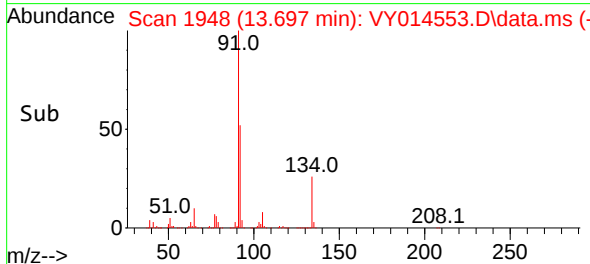
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



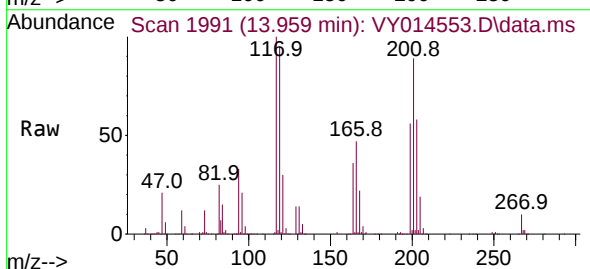
Tgt Ion: 91 Resp: 573640
Ion Ratio Lower Upper
91 100
92 52.0 25.4 76.0
134 26.2 12.6 37.6

Manual Integrations
APPROVED

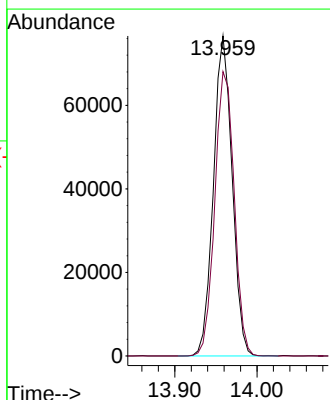
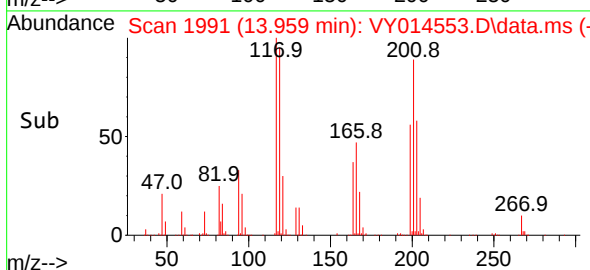
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023

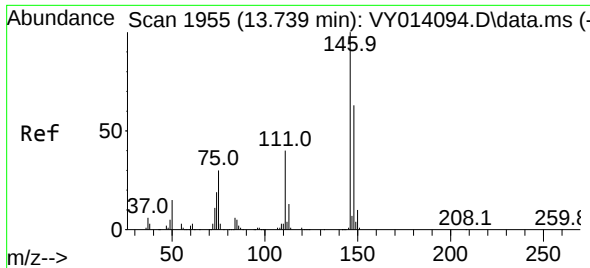


#90
Hexachloroethane
Concen: 51.760 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.005 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24



Tgt Ion:117 Resp: 121004
Ion Ratio Lower Upper
117 100
201 92.1 41.6 124.8





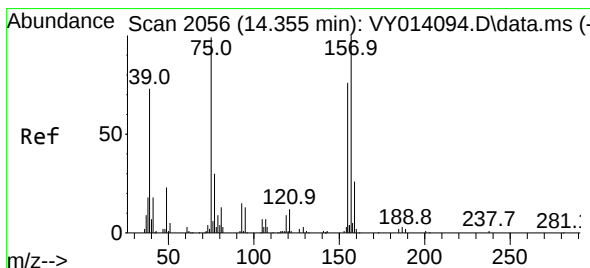
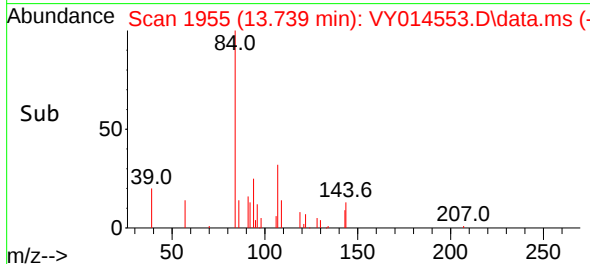
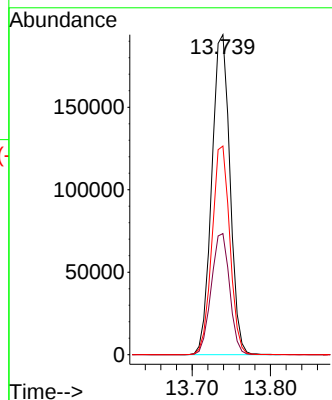
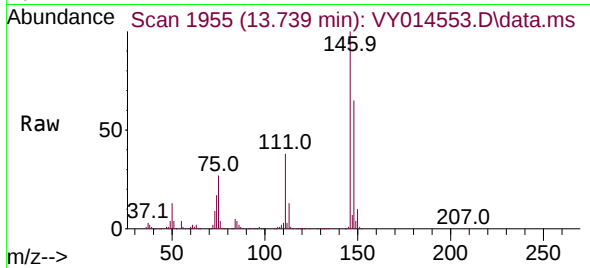
#91
1,2-Dichlorobenzene
Concen: 50.575 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 31250
Ion Ratio Lower Upper
146 100
111 38.3 19.7 59.0
148 64.0 32.0 96.2

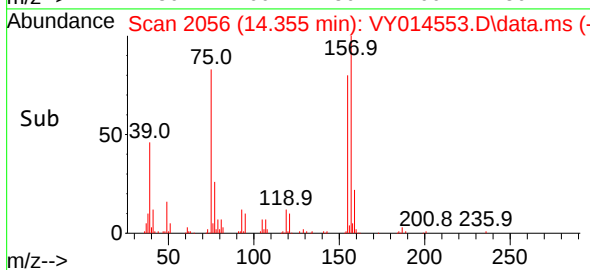
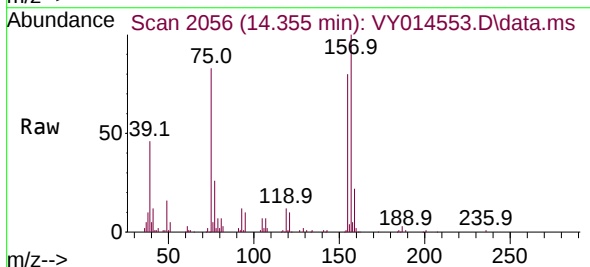
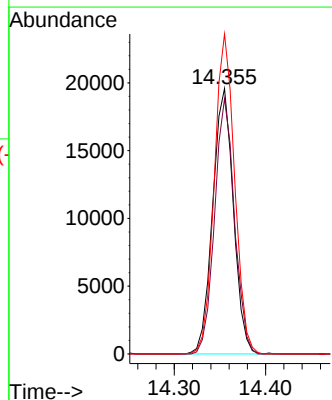
Manual Integrations
APPROVED

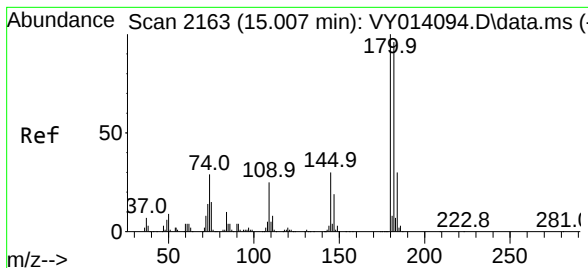
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.395 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014553.D
Acq: 05 Jul 2023 12:24

Tgt Ion: 75 Resp: 30844
Ion Ratio Lower Upper
75 100
155 92.2 41.5 124.6
157 117.9 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 52.303 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014553.D

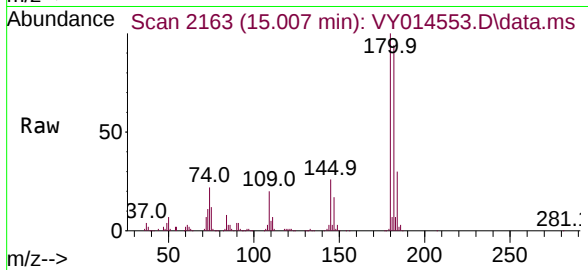
Acq: 05 Jul 2023 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion:180 Resp: 208739

Ion Ratio Lower Upper

180 100

182 93.6 47.0 141.2

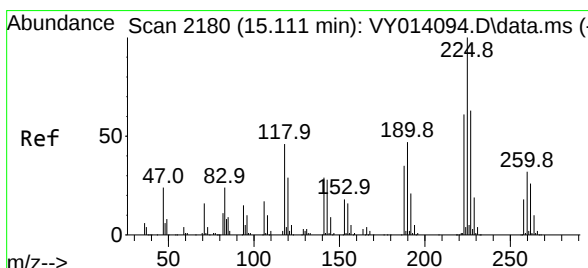
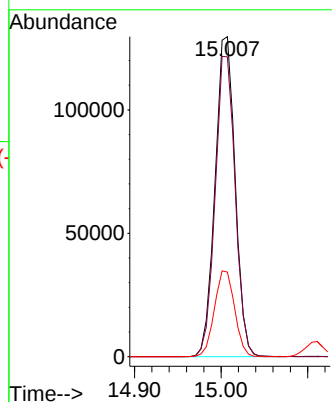
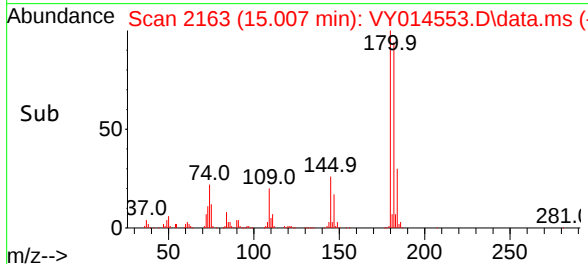
145 27.0 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/06/2023



#94

Hexachlorobutadiene

Concen: 52.480 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014553.D

Acq: 05 Jul 2023 12:24

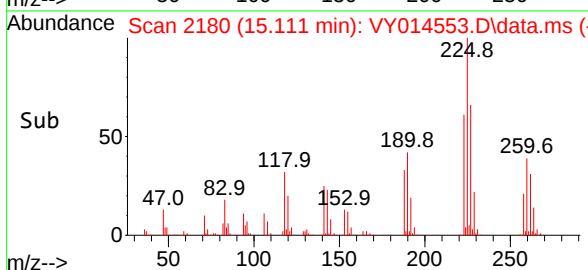
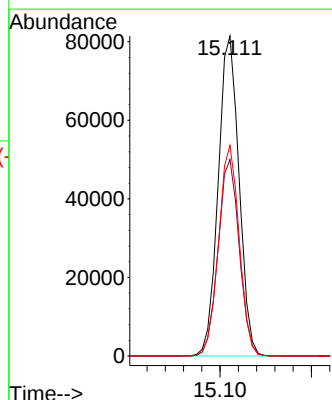
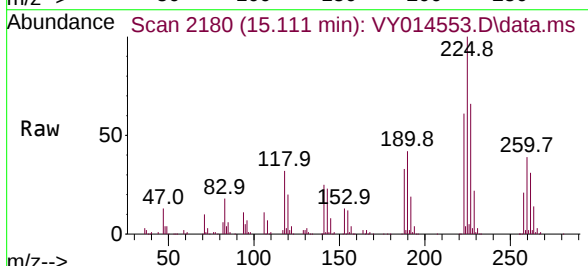
Tgt Ion:225 Resp: 128727

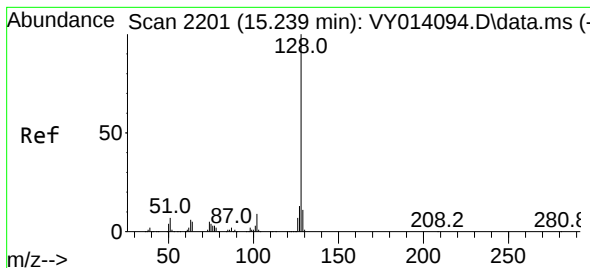
Ion Ratio Lower Upper

225 100

223 62.2 31.9 95.9

227 65.3 33.0 98.9





#95

Naphthalene

Concen: 52.727 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY014553.D

Acq: 05 Jul 2023 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 447709

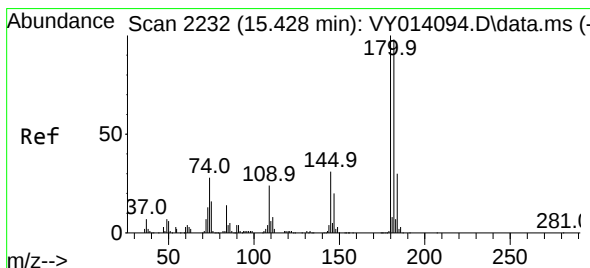
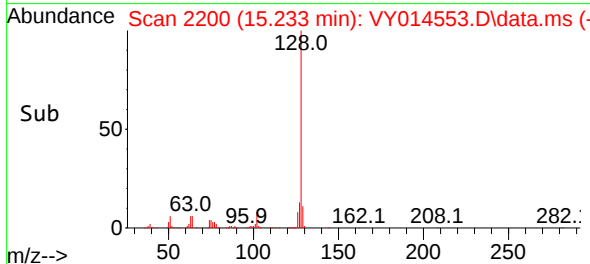
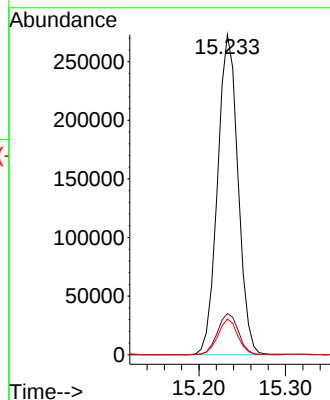
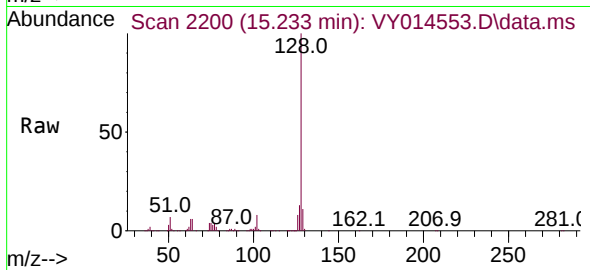
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.8	16.2
129	10.8	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/06/2023



#96

1,2,3-Trichlorobenzene

Concen: 52.533 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY014553.D

Acq: 05 Jul 2023 12:24

Tgt Ion:180 Resp: 191031

Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.3	141.8
145	29.2	15.4	46.2

