

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071323\
 Data File : VY014628.D
 Acq On : 13 Jul 2023 15:11
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY071323

Quant Time: Jul 14 04:24:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/14/2023
 Supervised By : Mahesh Dadoda 07/14/2023

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	327229	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.679	114	536980	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	472279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	232652	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	174023	46.669	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.340%		
35) Dibromofluoromethane	7.704	113	163430	47.811	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.620%		
50) Toluene-d8	10.173	98	592382	47.005	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	94.020%		
62) 4-Bromofluorobenzene	12.477	95	227225	47.022	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	94.040%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	120981	45.380	ug/l	96
3) Chloromethane	2.107	50	145514	48.556	ug/l	98
4) Vinyl Chloride	2.241	62	163421	48.793	ug/l	97
5) Bromomethane	2.631	94	109040	49.264	ug/l	99
6) Chloroethane	2.778	64	103108	49.285	ug/l	98
7) Trichlorofluoromethane	3.107	101	278523	49.515	ug/l	100
8) Diethyl Ether	3.515	74	104060	49.720	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.881	101	170012	49.311	ug/l	95
10) Methyl Iodide	4.070	142	179581	49.175	ug/l	96
11) Tert butyl alcohol	4.942	59	164522	209.229	ug/l #	86
12) 1,1-Dichloroethene	3.857	96	158384	49.151	ug/l	94
13) Acrolein	3.716	56	81947	210.259	ug/l	99
14) Allyl chloride	4.460	41	277735	48.542	ug/l	95
15) Acrylonitrile	5.143	53	283730	245.842	ug/l	97
16) Acetone	3.936	43	305589	258.614	ug/l	92
17) Carbon Disulfide	4.180	76	433101	46.946	ug/l	99
18) Methyl Acetate	4.460	43	217828	48.037	ug/l	93
19) Methyl tert-butyl Ether	5.204	73	519471	49.627	ug/l	99
20) Methylene Chloride	4.698	84	194430	50.710	ug/l	91
21) trans-1,2-Dichloroethene	5.204	96	178722	48.873	ug/l	98
22) Diisopropyl ether	6.106	45	578311	49.716	ug/l	90
23) Vinyl Acetate	6.045	43	1720917	247.218	ug/l	95
24) 1,1-Dichloroethane	6.003	63	328632	49.375	ug/l	97
25) 2-Butanone	6.972	43	422236	244.246	ug/l	95
26) 2,2-Dichloropropane	6.966	77	317958	50.124	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	211104	49.595	ug/l	98
28) Bromochloromethane	7.320	49	134763	47.012	ug/l	97
29) Tetrahydrofuran	7.332	42	251521	236.286	ug/l	93
30) Chloroform	7.496	83	339372	49.446	ug/l	96
31) Cyclohexane	7.777	56	285519	46.126	ug/l	93
32) 1,1,1-Trichloroethane	7.691	97	306465	49.612	ug/l	99
36) 1,1-Dichloropropene	7.905	75	253236	49.538	ug/l	99
37) Ethyl Acetate	7.063	43	169952	48.288	ug/l #	95
38) Carbon Tetrachloride	7.886	117	268615	49.709	ug/l	98
39) Methylcyclohexane	9.173	83	325134	48.820	ug/l	98
40) Benzene	8.149	78	727040	50.008	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	89591	49.489	ug/l	95
42) 1,2-Dichloroethane	8.228	62	230330	50.028	ug/l	94
43) Isopropyl Acetate	8.264	43	327066	48.784	ug/l	96
44) Trichloroethene	8.929	130	203462	50.018	ug/l	98
45) 1,2-Dichloropropane	9.209	63	190328	50.134	ug/l	98
46) Dibromomethane	9.295	93	114022	49.509	ug/l	96
47) Bromodichloromethane	9.490	83	274910	50.646	ug/l	99
48) Methyl methacrylate	9.283	41	148418	49.197	ug/l	93
49) 1,4-Dioxane	9.289	88	37358	994.793	ug/l #	61
51) 4-Methyl-2-Pentanone	10.063	43	863118	245.195	ug/l	94
52) Toluene	10.240	92	463942	49.869	ug/l	94
53) t-1,3-Dichloropropene	10.459	75	297662	50.133	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	322889	50.008	ug/l	94
55) 1,1,2-Trichloroethane	10.636	97	162471	50.644	ug/l	99
56) Ethyl methacrylate	10.502	69	244491	49.914	ug/l	91
57) 1,3-Dichloropropane	10.782	76	276336	49.940	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	568842	249.241	ug/l	95
59) 2-Hexanone	10.825	43	641108	249.743	ug/l	92
60) Dibromochloromethane	10.977	129	196919	50.064	ug/l	100
61) 1,2-Dibromoethane	11.081	107	159790	49.928	ug/l	99
64) Tetrachloroethene	10.715	164	184802	48.653	ug/l	96
65) Chlorobenzene	11.508	112	504493	50.128	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	194761	51.326	ug/l	99
67) Ethyl Benzene	11.587	91	906239	49.873	ug/l	99
68) m/p-Xylenes	11.697	106	695363	100.250	ug/l	97
69) o-Xylene	12.026	106	340297	50.370	ug/l	98
70) Styrene	12.038	104	574147	50.422	ug/l	99
71) Bromoform	12.203	173	129629	50.398	ug/l #	99
73) Isopropylbenzene	12.325	105	901694	49.498	ug/l	99
74) N-amyl acetate	12.136	43	299735	49.128	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.575	83	202453	48.734	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	133224m	45.340	ug/l	
77) Bromobenzene	12.605	156	208167	50.061	ug/l	94
78) n-propylbenzene	12.666	91	1086342	49.489	ug/l	99
79) 2-Chlorotoluene	12.751	91	625376	49.462	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	755413	49.654	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	75147	49.517	ug/l	93
82) 4-Chlorotoluene	12.849	91	643515	49.419	ug/l	99
83) tert-Butylbenzene	13.068	119	673803	49.928	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	743106	49.771	ug/l	100
85) sec-Butylbenzene	13.251	105	986311	49.821	ug/l	100
86) p-Isopropyltoluene	13.367	119	815985	50.483	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	404430	49.972	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	407268	50.219	ug/l	98
89) n-Butylbenzene	13.690	91	788048	50.112	ug/l	96
90) Hexachloroethane	13.959	117	165051	49.714	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	372673	50.261	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	37843	47.634	ug/l	94
93) 1,2,4-Trichlorobenzene	15.001	180	240959	51.193	ug/l	98
94) Hexachlorobutadiene	15.111	225	132225	51.119	ug/l	98
95) Naphthalene	15.233	128	548206	49.992	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	212903	50.895	ug/l	98

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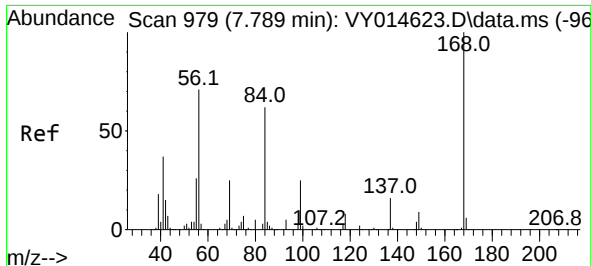
Manual Integrations
APPROVED

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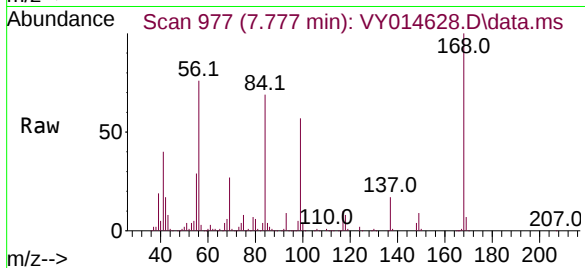
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY014628.D
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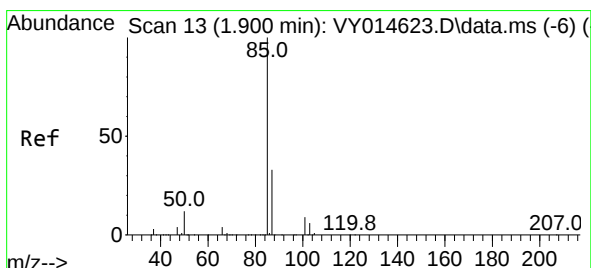
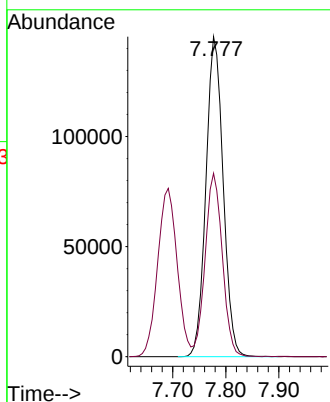
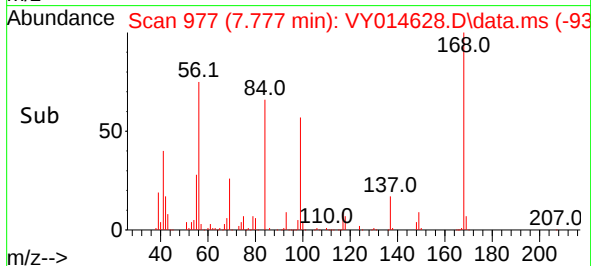
Instrument :
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ClientSampleId :
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Tgt Ion:168 Resp: 327229
Ion Ratio Lower Upper
168 100
99 57.2 43.4 65.0

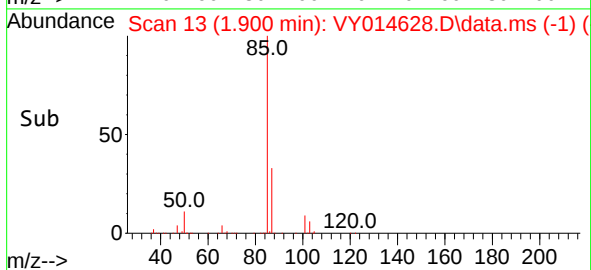
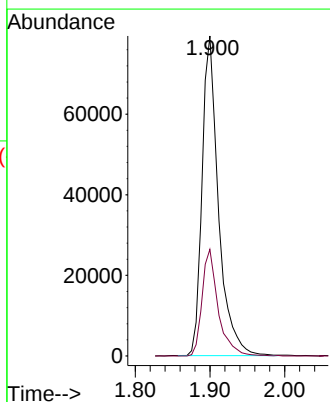
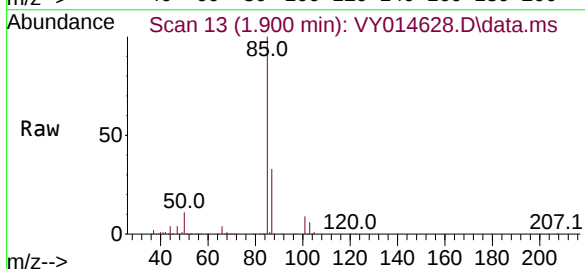
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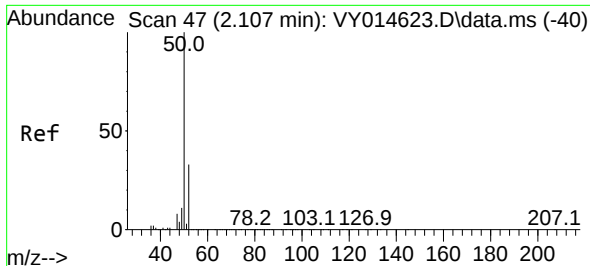
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#2
Dichlorodifluoromethane
Concen: 45.380 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

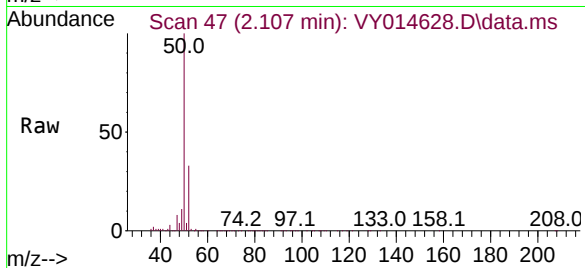
Tgt Ion: 85 Resp: 120981
Ion Ratio Lower Upper
85 100
87 33.3 15.6 46.8





#3
Chloromethane
Concen: 48.556 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

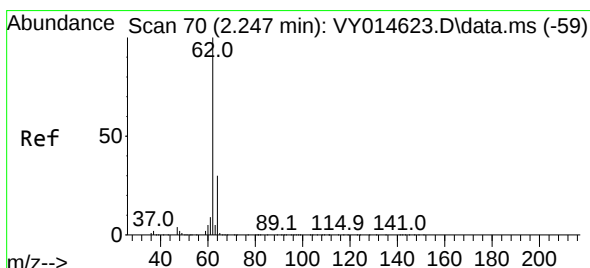
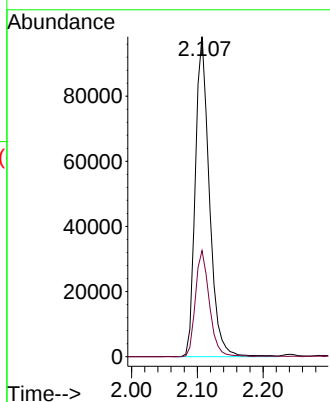
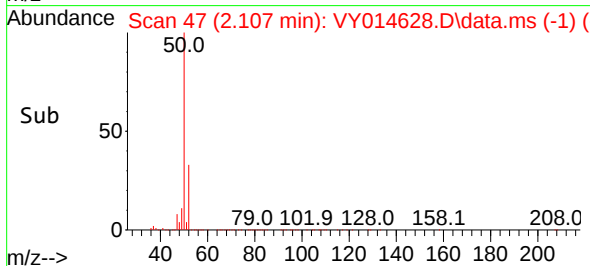
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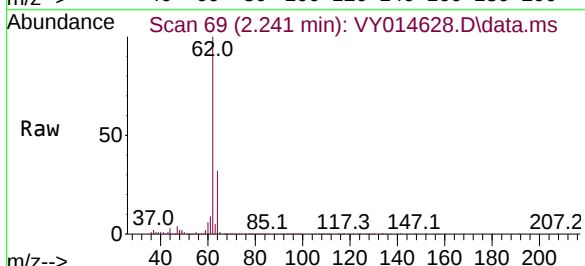
Tgt Ion: 50 Resp: 145514
Ion Ratio Lower Upper
50 100
52 33.2 25.4 38.2

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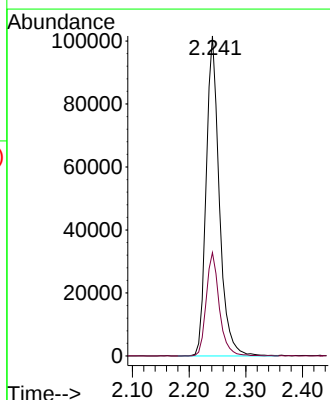
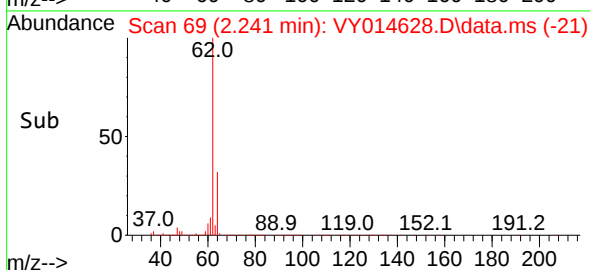
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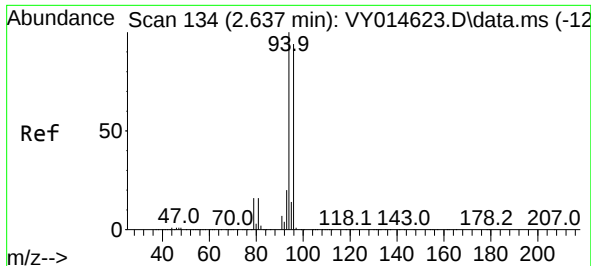


#4
Vinyl Chloride
Concen: 48.793 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.006 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11



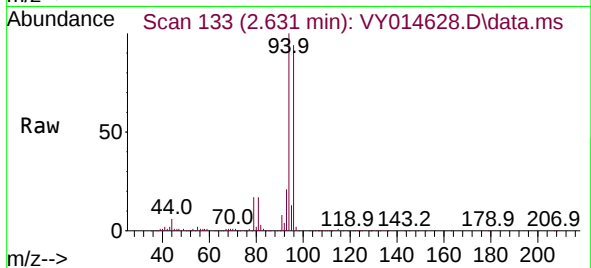
Tgt Ion: 62 Resp: 163421
Ion Ratio Lower Upper
62 100
64 32.3 24.3 36.5





#5
Bromomethane
Concen: 49.264 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014628.D
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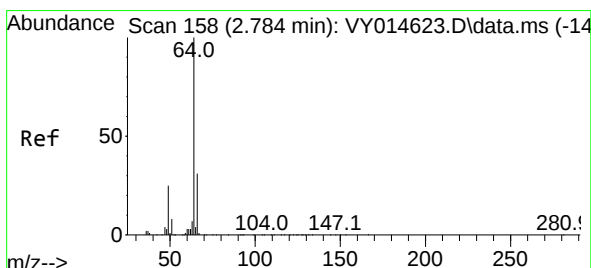
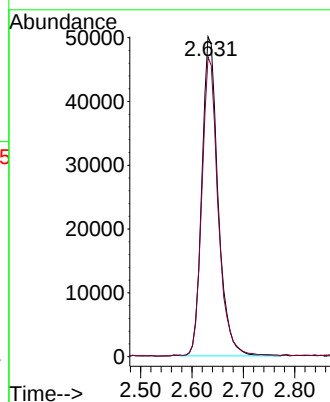
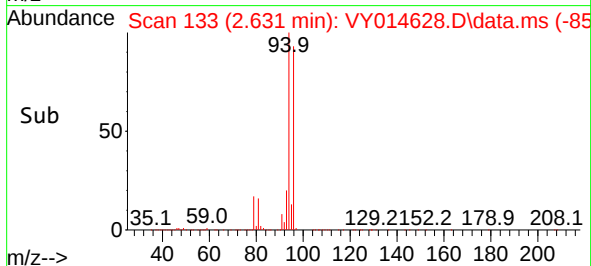
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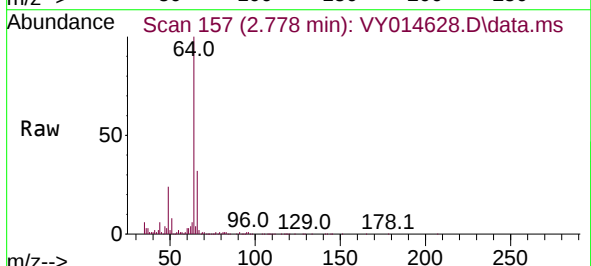
Tgt Ion: 94 Resp: 109040
Ion Ratio Lower Upper
94 100
96 93.4 75.8 113.6

Manual Integrations
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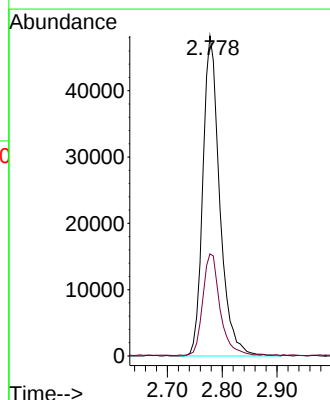
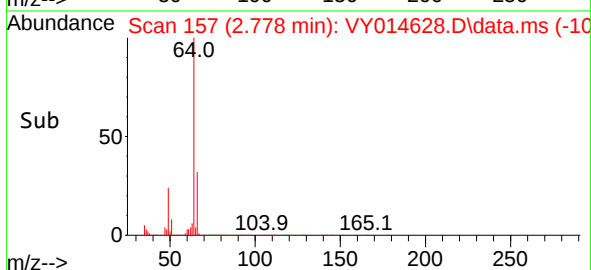
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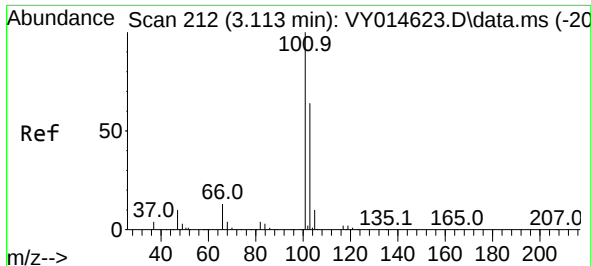


#6
Chloroethane
Concen: 49.285 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY014628.D
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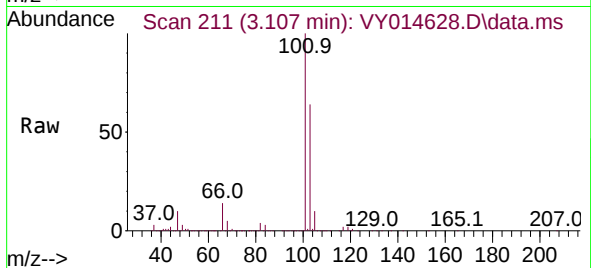
Tgt Ion: 64 Resp: 103108
Ion Ratio Lower Upper
64 100
66 31.7 24.4 36.6





#7
Trichlorofluoromethane
Concen: 49.515 ug/l
RT: 3.107 min Scan# 211
Delta R.T. -0.006 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

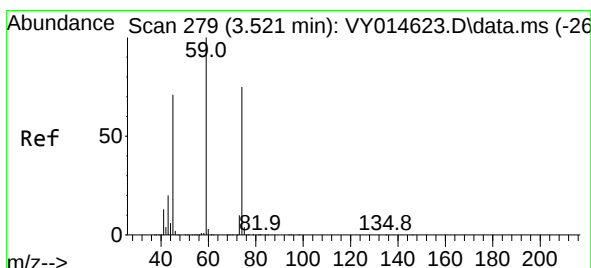
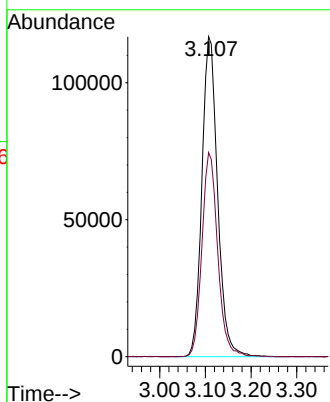
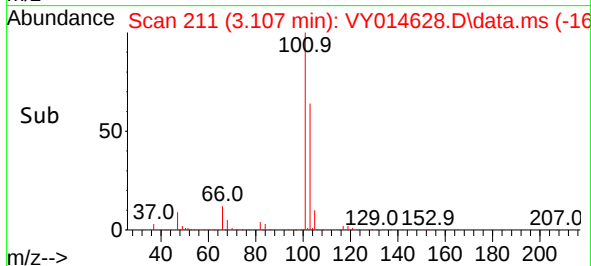
Instrument :
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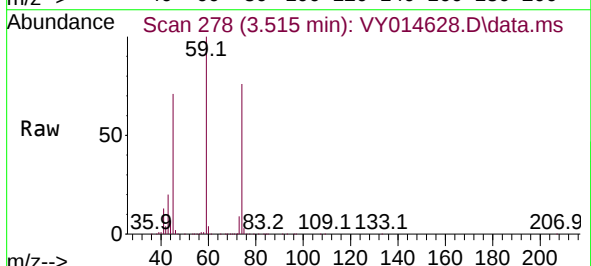
Tgt Ion:101 Resp: 27852
Ion Ratio Lower Upper
101 100
103 63.8 51.4 77.0

Manual Integrations
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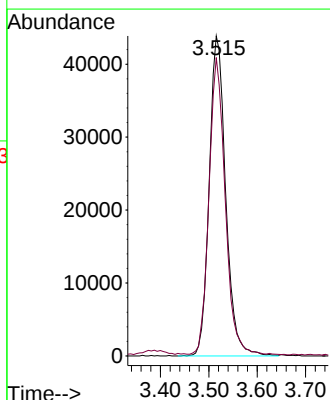
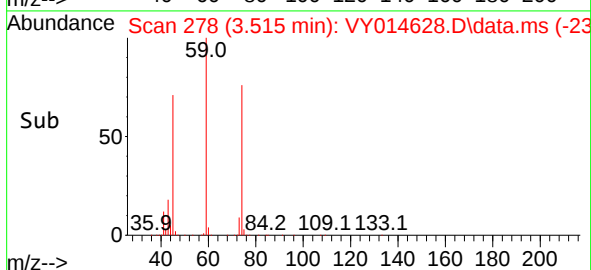
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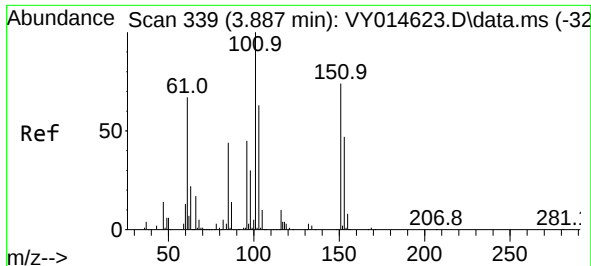


#8
Diethyl Ether
Concen: 49.720 ug/l
RT: 3.515 min Scan# 278
Delta R.T. -0.006 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11



Tgt Ion: 74 Resp: 104060
Ion Ratio Lower Upper
74 100
45 90.6 51.5 154.5





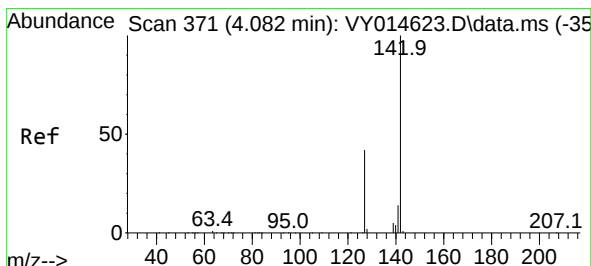
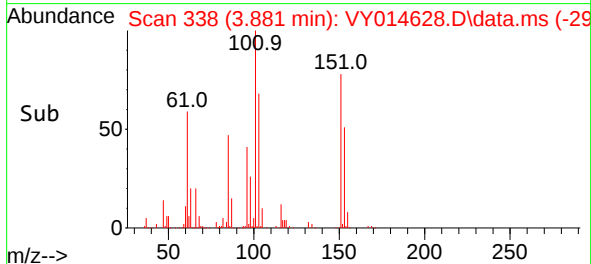
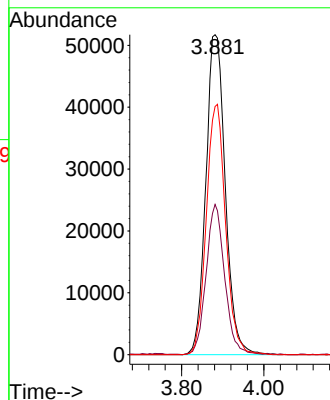
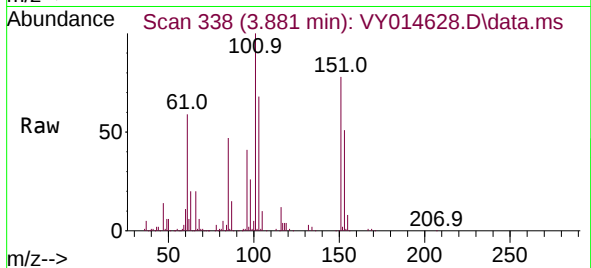
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.311 ug/l
RT: 3.881 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY071323

Tgt Ion:101 Resp: 170012
Ion Ratio Lower Upper
101 100
85 44.8 36.6 55.0
151 77.5 67.0 100.6

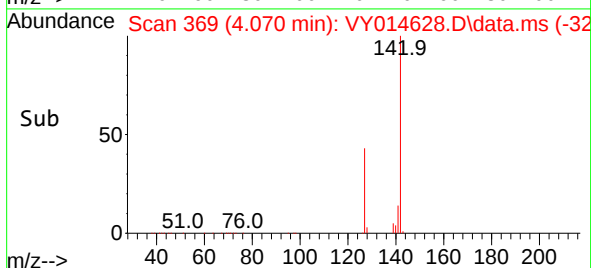
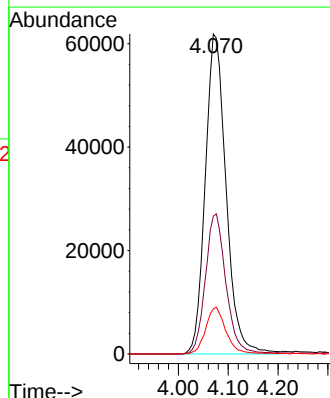
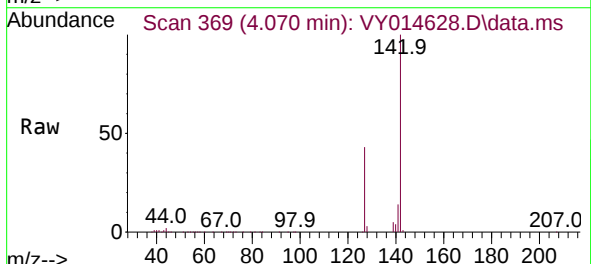
Manual Integrations
APPROVED

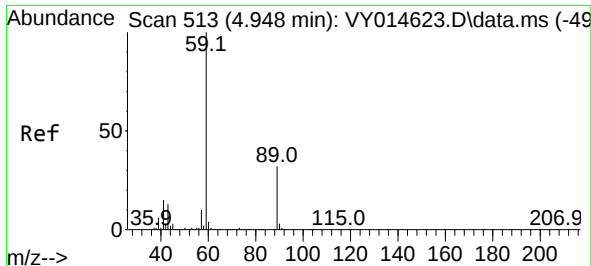
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#10
Methyl Iodide
Concen: 49.175 ug/l
RT: 4.070 min Scan# 369
Delta R.T. -0.012 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

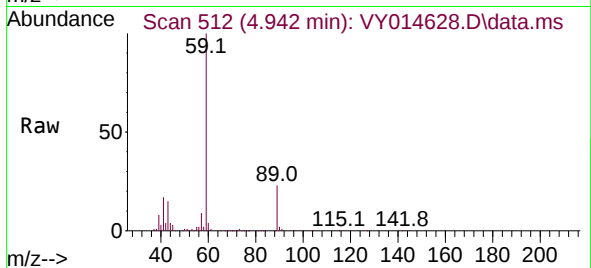
Tgt Ion:142 Resp: 179581
Ion Ratio Lower Upper
142 100
127 43.5 37.6 56.4
141 14.2 11.8 17.8





#11
Tert butyl alcohol
Concen: 209.229 ug/l
RT: 4.942 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

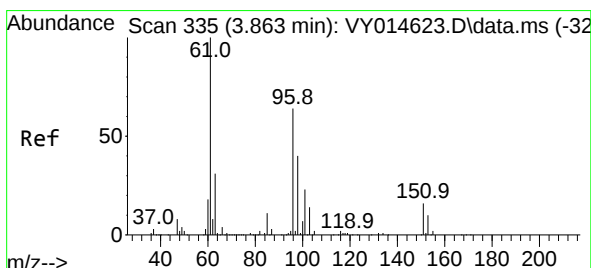
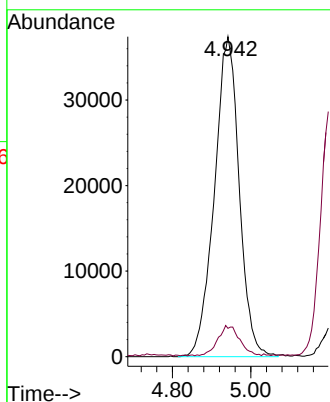
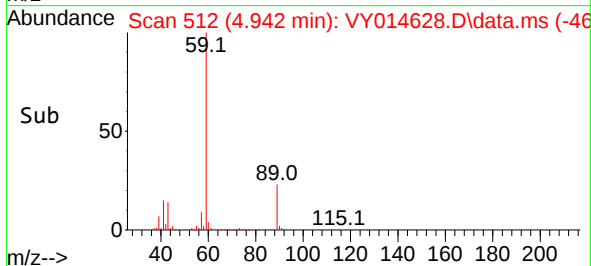
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY071323



Tgt Ion: 59 Resp: 16452
Ion Ratio Lower Upper
59 100
57 8.1 3.0 4.4

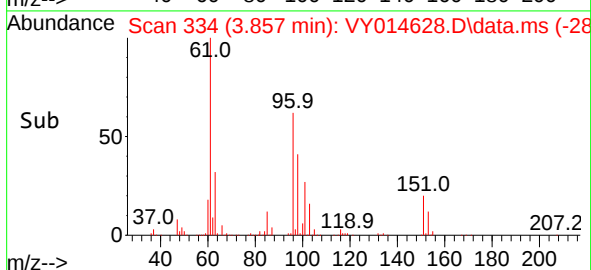
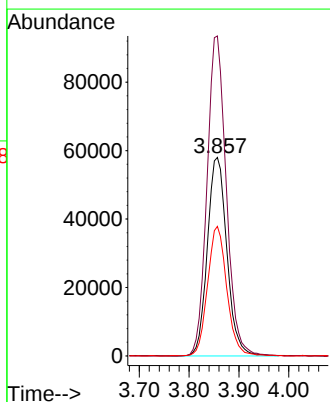
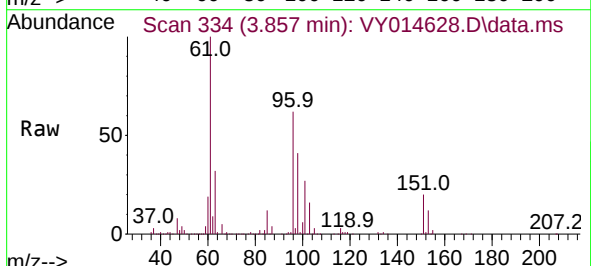
Manual Integrations
APPROVED

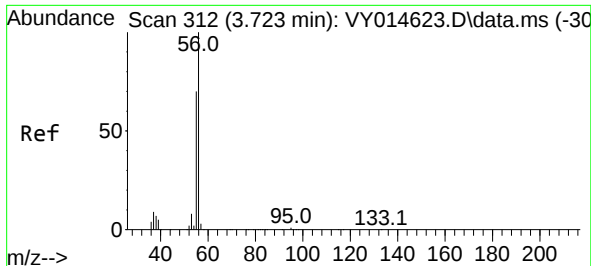
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#12
1,1-Dichloroethene
Concen: 49.151 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

Tgt Ion: 96 Resp: 158384
Ion Ratio Lower Upper
96 100
61 161.2 136.4 204.6
98 65.2 49.4 74.2





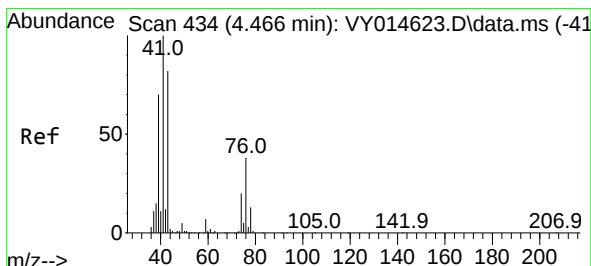
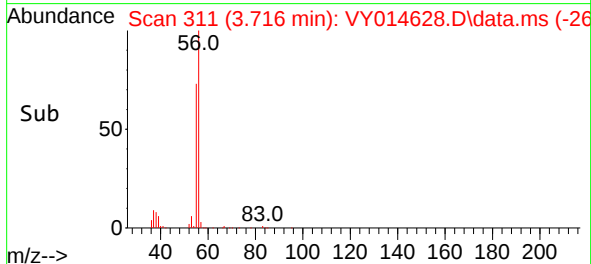
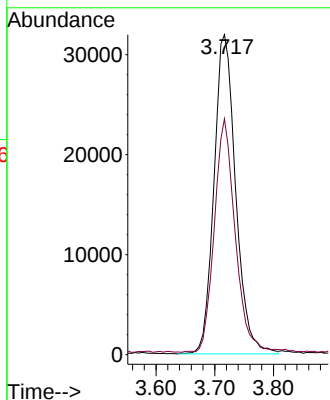
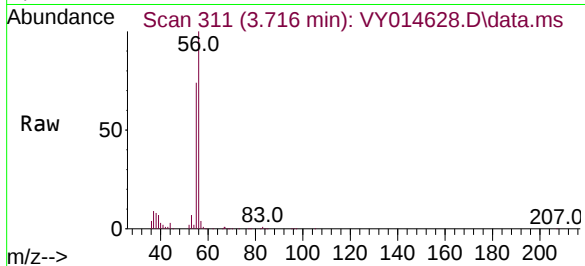
#13
Acrolein
Concen: 210.259 ug/l
RT: 3.716 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY071323

Tgt Ion: 56 Resp: 8194
Ion Ratio Lower Upper
56 100
55 70.6 57.0 85.4

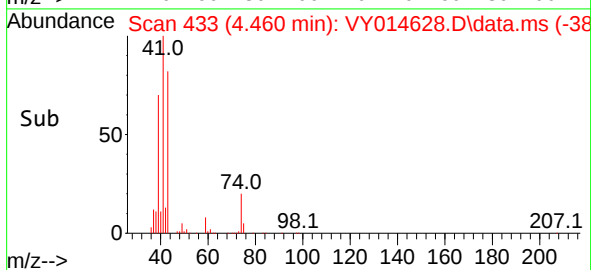
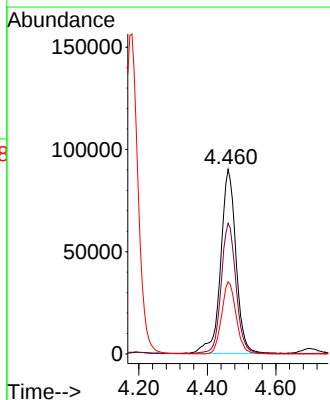
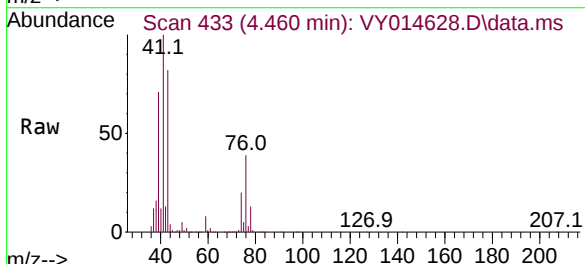
Manual Integrations
APPROVED

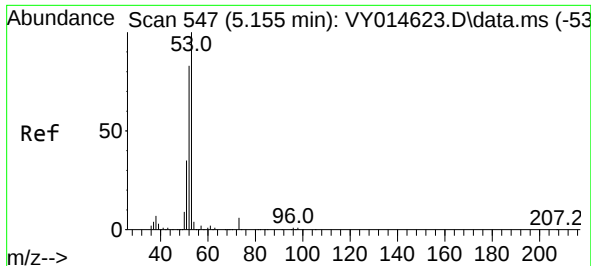
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#14
Allyl chloride
Concen: 48.542 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.006 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

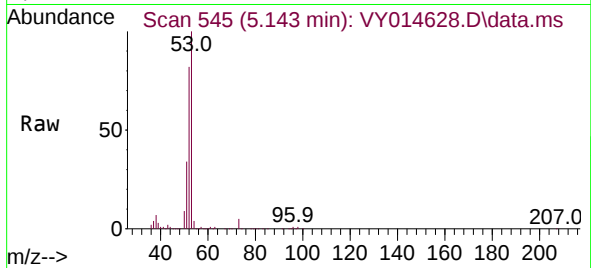
Tgt Ion: 41 Resp: 277735
Ion Ratio Lower Upper
41 100
39 68.8 58.0 87.0
76 37.2 27.4 41.2





#15
Acrylonitrile
Concen: 245.842 ug/l
RT: 5.143 min Scan# 547
Delta R.T. -0.012 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

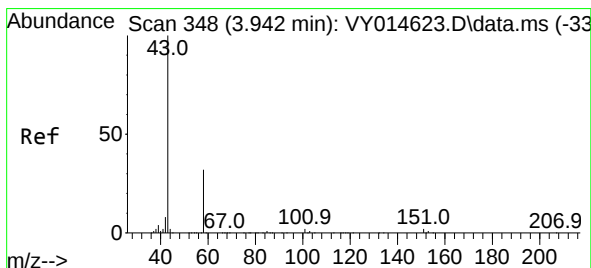
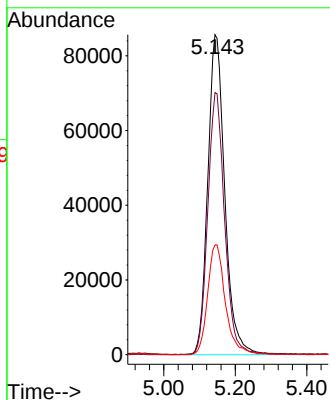
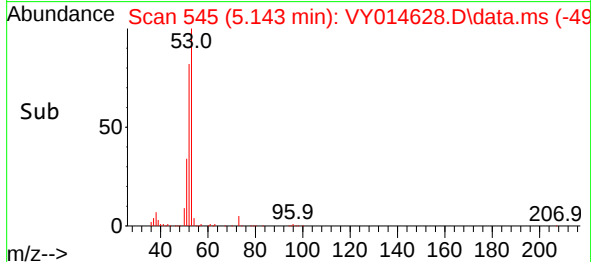
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY071323



Tgt Ion: 53 Resp: 283730
Ion Ratio Lower Upper
53 100
52 81.1 66.9 100.3
51 35.8 29.8 44.6

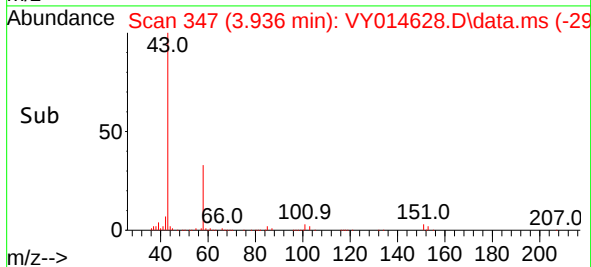
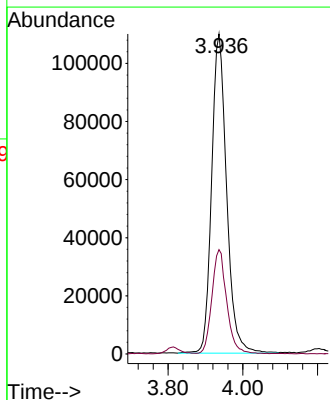
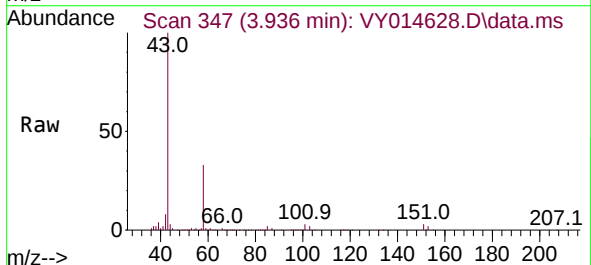
Manual Integrations
APPROVED

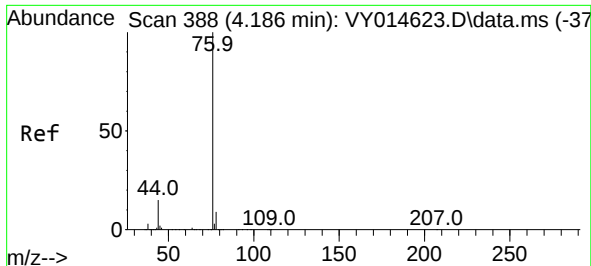
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#16
Acetone
Concen: 258.614 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

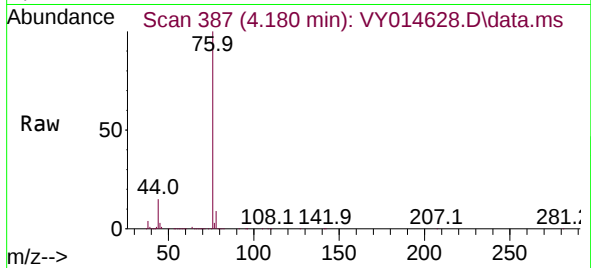
Tgt Ion: 43 Resp: 305589
Ion Ratio Lower Upper
43 100
58 32.5 22.7 34.1





#17
Carbon Disulfide
Concen: 46.946 ug/l
RT: 4.180 min Scan# 388
Delta R.T. -0.006 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

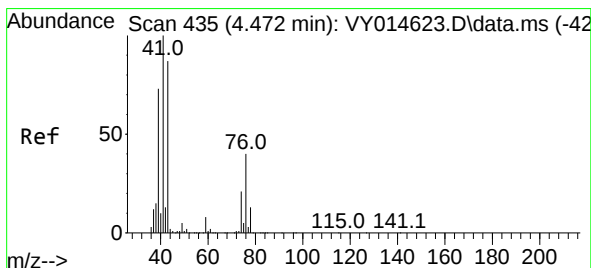
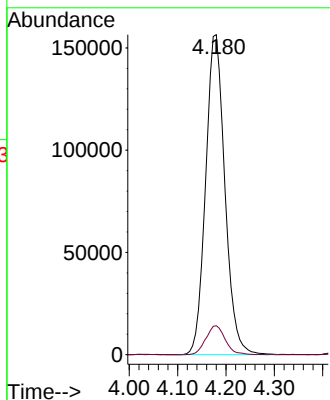
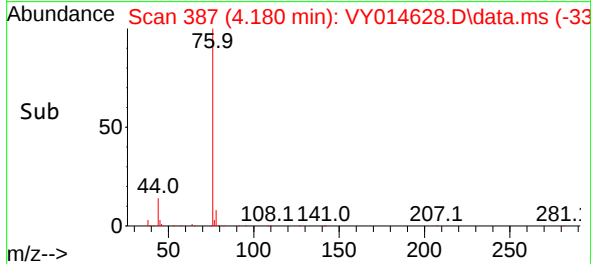
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY071323



Tgt Ion: 76 Resp: 43310
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4

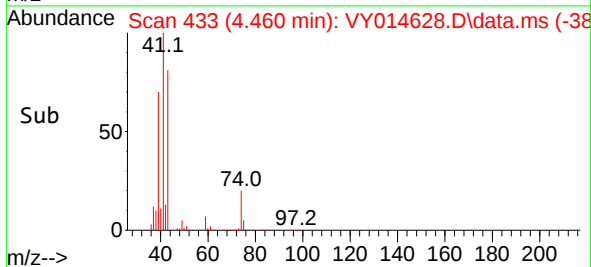
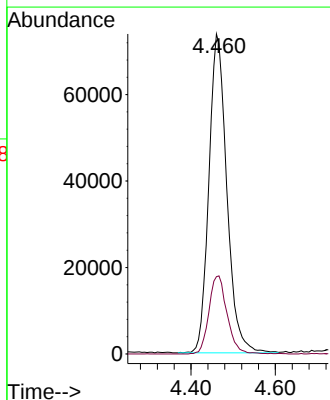
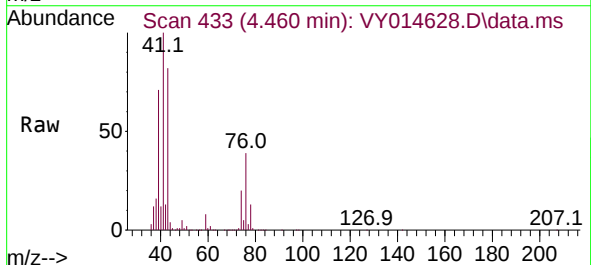
Manual Integrations
APPROVED

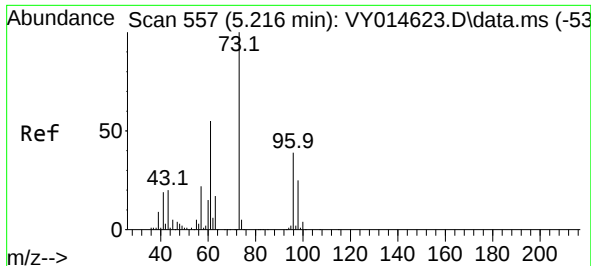
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#18
Methyl Acetate
Concen: 48.037 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.012 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

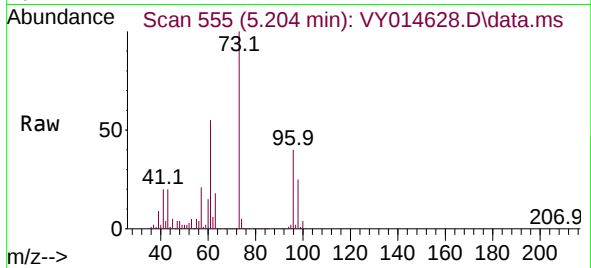
Tgt Ion: 43 Resp: 217828
Ion Ratio Lower Upper
43 100
74 24.8 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 49.627 ug/l
RT: 5.204 min Scan# 519
Delta R.T. -0.012 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

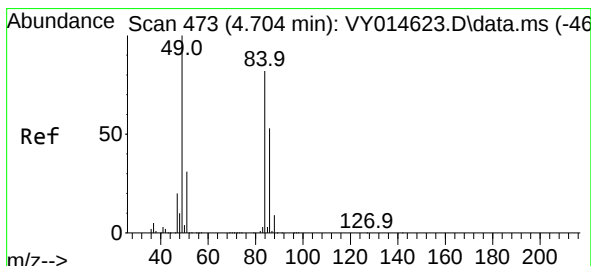
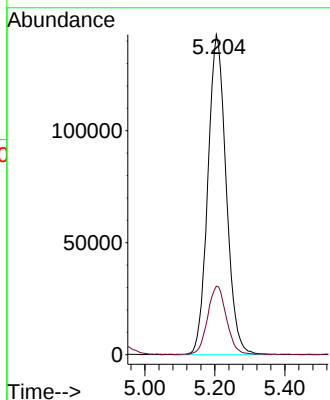
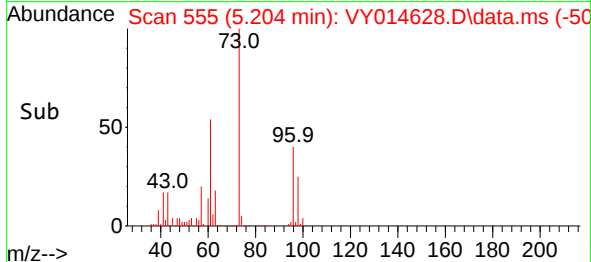
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY071323



Tgt Ion: 73 Resp: 51947
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9

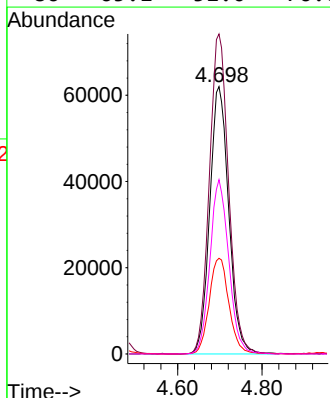
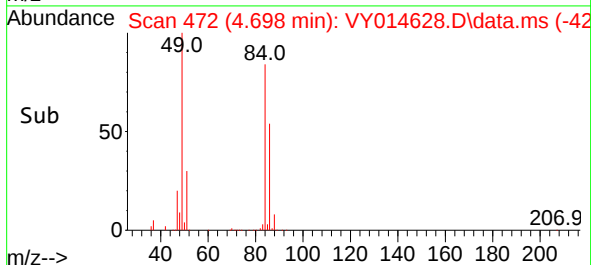
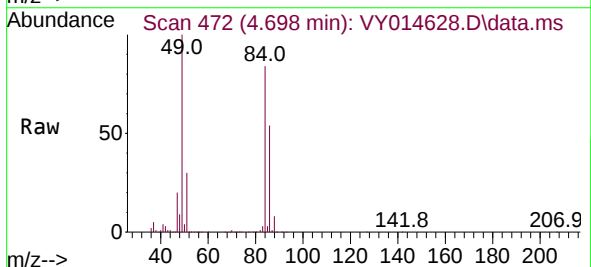
Manual Integrations
APPROVED

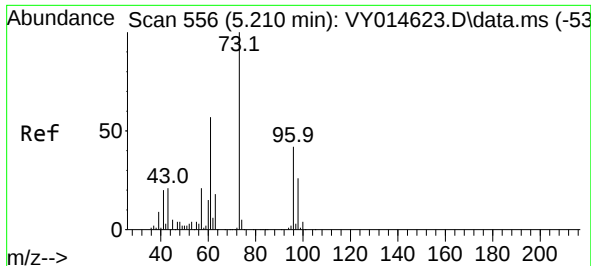
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#20
Methylene Chloride
Concen: 50.710 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

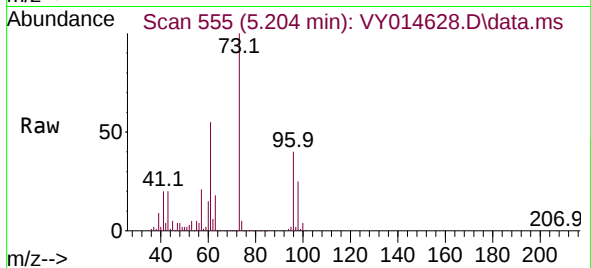
Tgt Ion: 84 Resp: 194430
Ion Ratio Lower Upper
84 100
49 119.7 106.9 160.3
51 35.8 33.2 49.8
86 65.1 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 48.873 ug/l
RT: 5.204 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

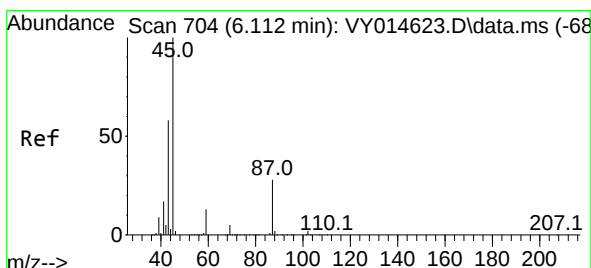
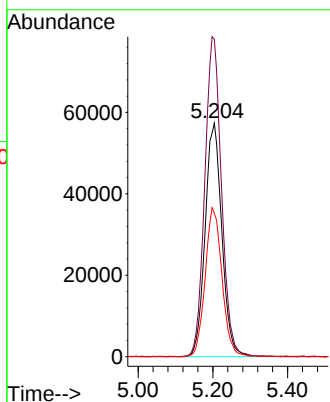
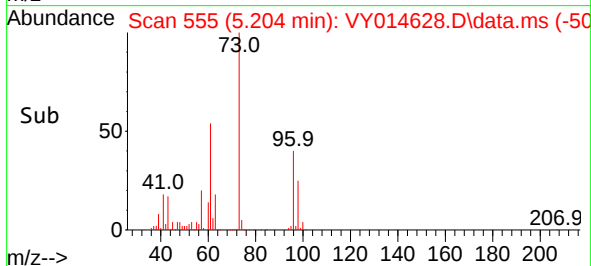
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY071323



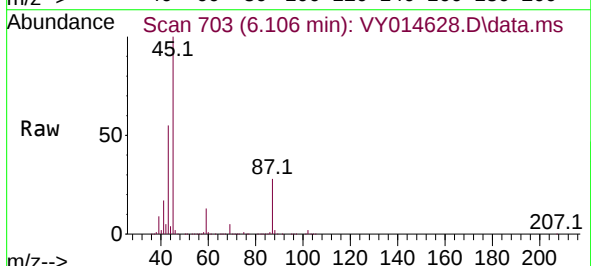
Tgt Ion: 96 Resp: 17872
Ion Ratio Lower Upper
96 100
61 135.8 110.2 165.4
98 61.3 51.8 77.6

Manual Integrations
APPROVED

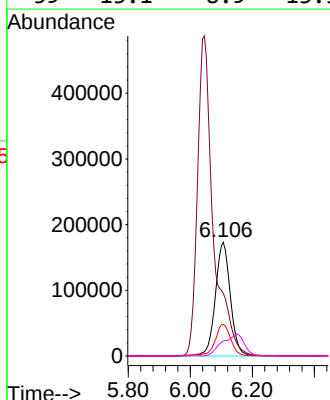
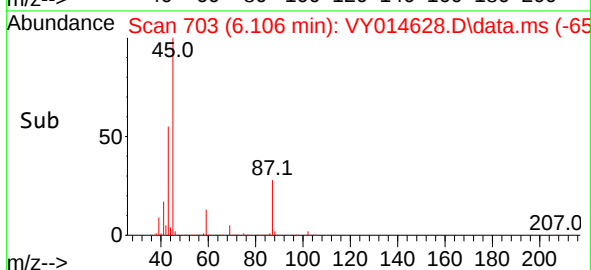
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

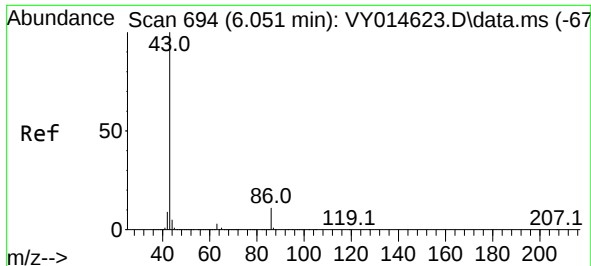


#22
Diisopropyl ether
Concen: 49.716 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.006 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11



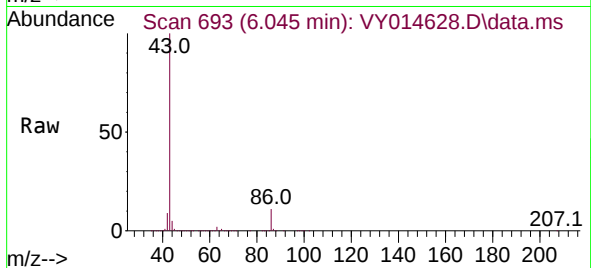
Tgt Ion: 45 Resp: 578311
Ion Ratio Lower Upper
45 100
43 54.8 52.2 78.4
87 27.9 21.0 31.6
59 13.1 8.9 13.3





#23
 Vinyl Acetate
 Concen: 247.218 ug/l
 RT: 6.045 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY014628.D
 Acq: 13 Jul 2023 15:11

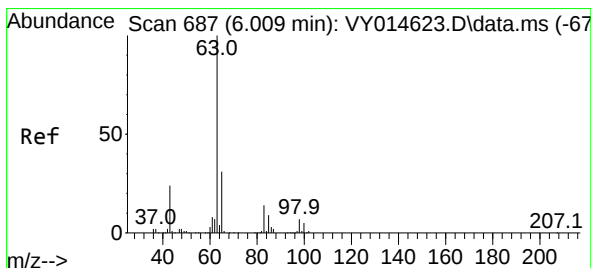
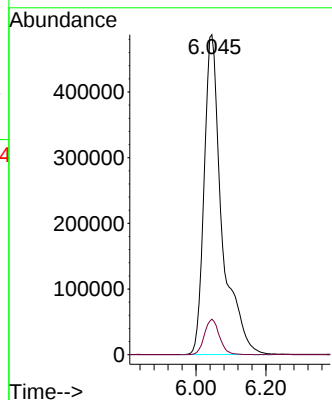
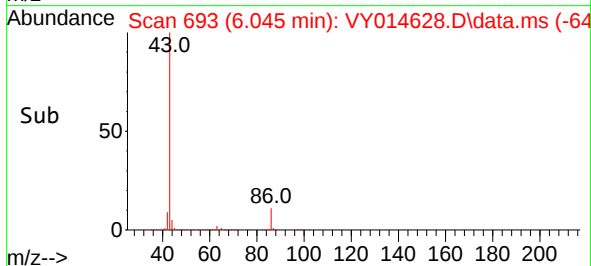
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY071323



Tgt Ion: 43 Resp: 172091
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.5 11.3

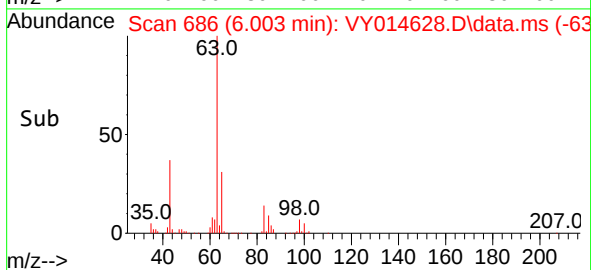
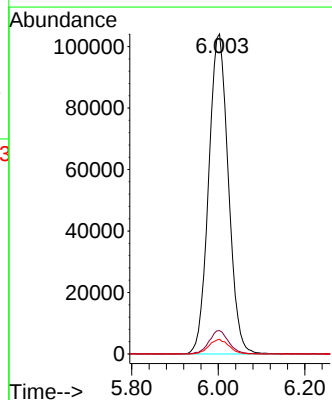
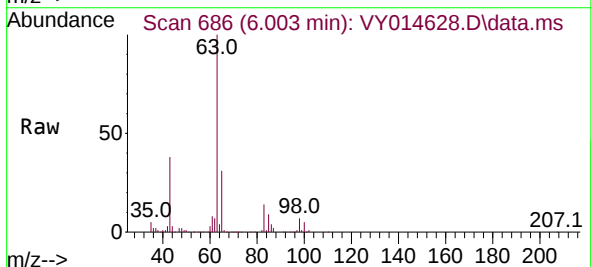
Manual Integrations
 APPROVED

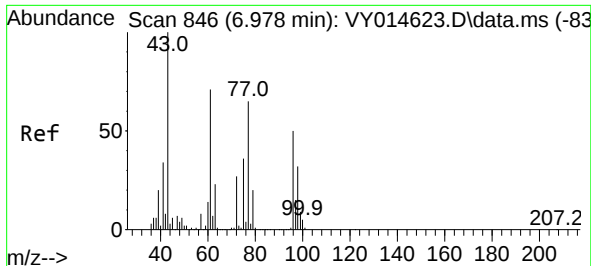
Reviewed By :John Carlone 07/14/2023
 Supervised By :Mahesh Dadoda 07/14/2023



#24
 1,1-Dichloroethane
 Concen: 49.375 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.006 min
 Lab File: VY014628.D
 Acq: 13 Jul 2023 15:11

Tgt Ion: 63 Resp: 328632
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.1 9.4
 100 4.6 1.8 5.5





#25

2-Butanone

Concen: 244.246 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY014628.D

Acq: 13 Jul 2023 15:11

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY071323

Tgt Ion: 43 Resp: 422230

Ion Ratio Lower Upper

43 100

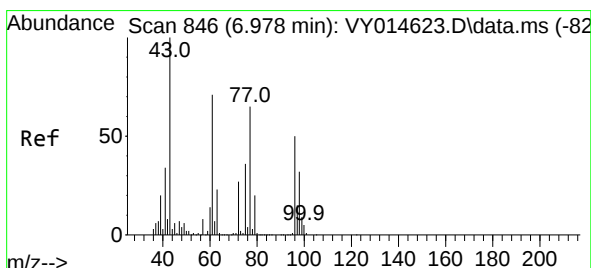
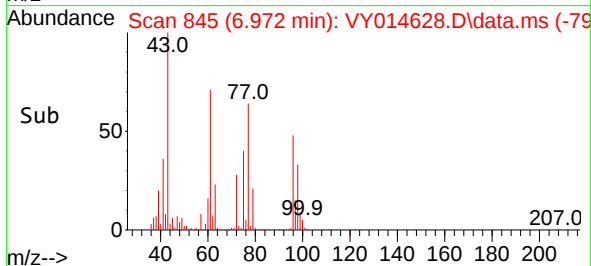
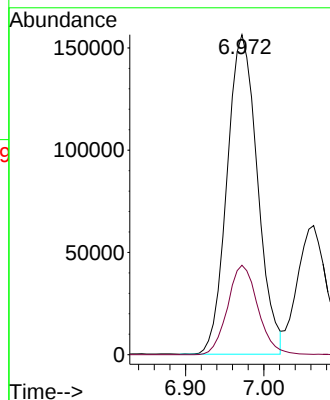
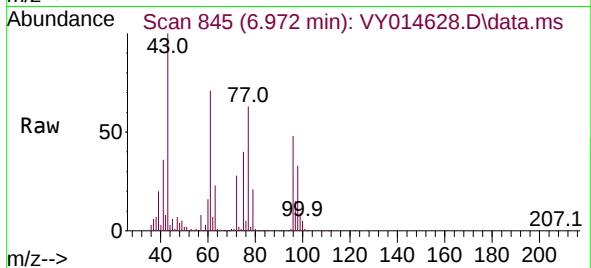
72 28.0 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#26

2,2-Dichloropropane

Concen: 50.124 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.012 min

Lab File: VY014628.D

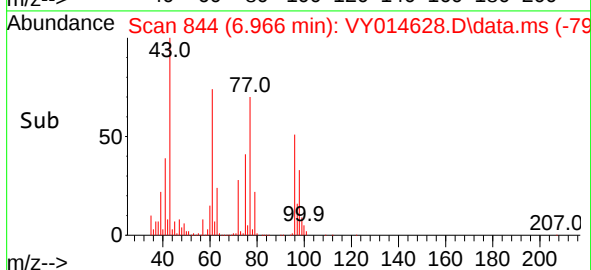
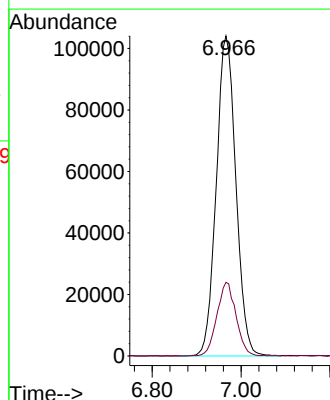
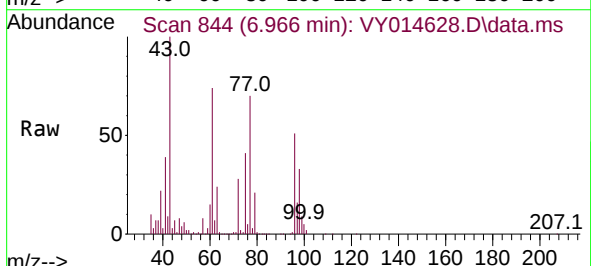
Acq: 13 Jul 2023 15:11

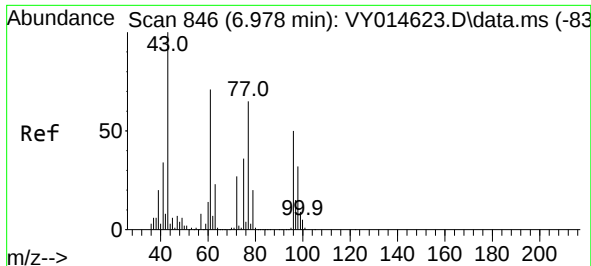
Tgt Ion: 77 Resp: 317958

Ion Ratio Lower Upper

77 100

97 22.4 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 49.595 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY014628.D

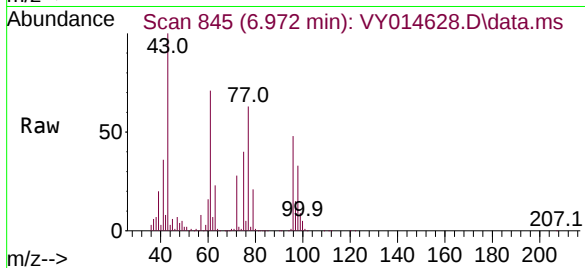
Acq: 13 Jul 2023 15:11

Instrument :

MSVOA_Y

ClientSampleId :

ICVY071323



Tgt Ion: 96 Resp: 211104

Ion Ratio Lower Upper

96 100

61 146.6 0.0 301.4

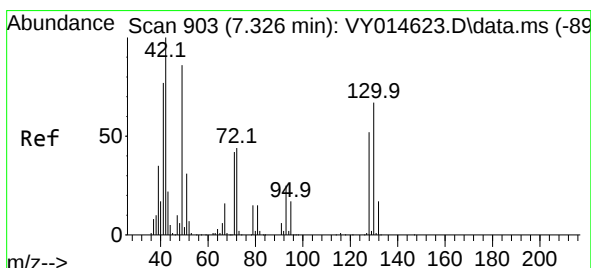
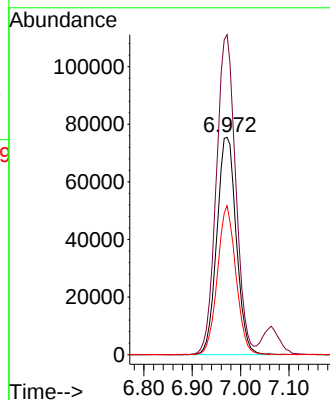
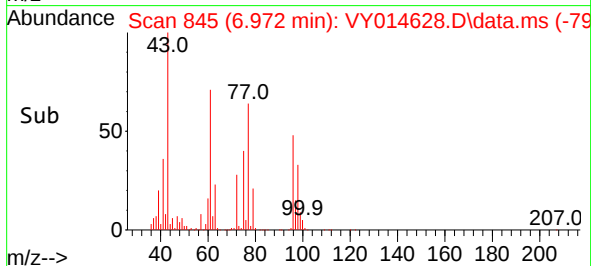
98 65.1 0.0 130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#28

Bromochloromethane

Concen: 47.012 ug/l

RT: 7.320 min Scan# 902

Delta R.T. -0.006 min

Lab File: VY014628.D

Acq: 13 Jul 2023 15:11

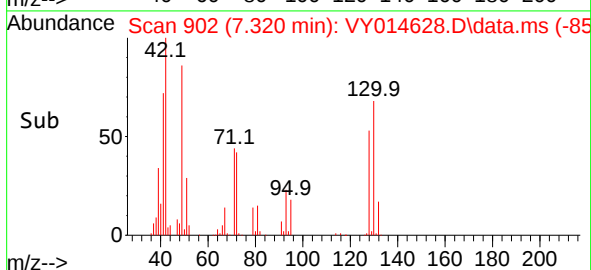
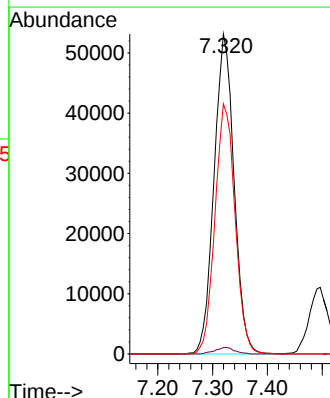
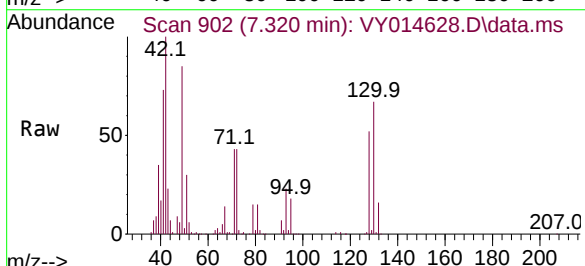
Tgt Ion: 49 Resp: 134763

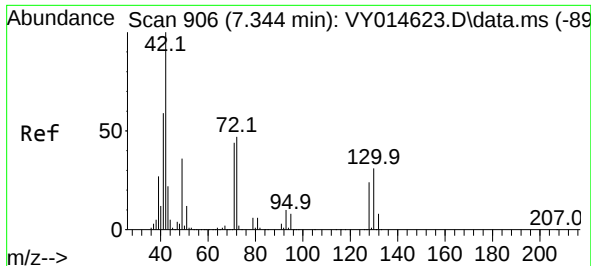
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.6

130 78.7 60.7 91.1





#29

Tetrahydrofuran

Concen: 236.286 ug/l

RT: 7.332 min Scan# 906

Delta R.T. -0.012 min

Lab File: VY014628.D

Acq: 13 Jul 2023 15:11

Instrument :

MSVOA_Y

ClientSampleId :

ICVY071323

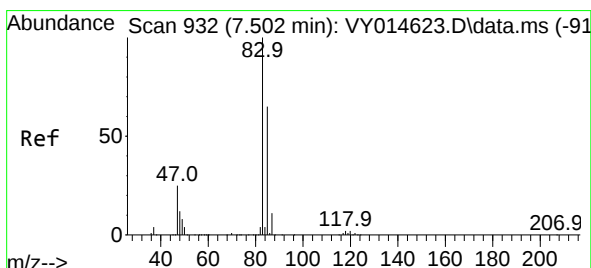
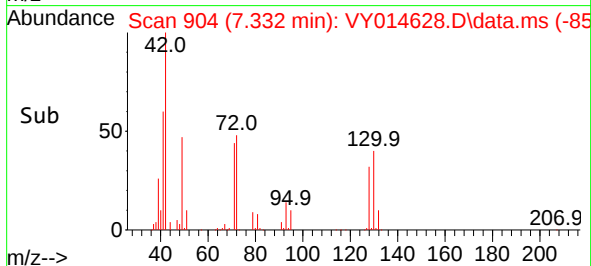
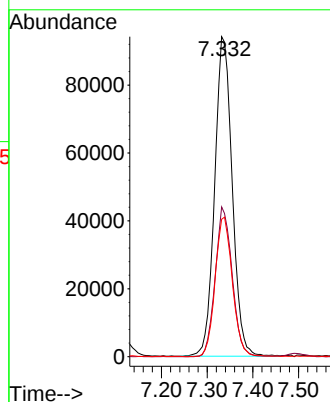
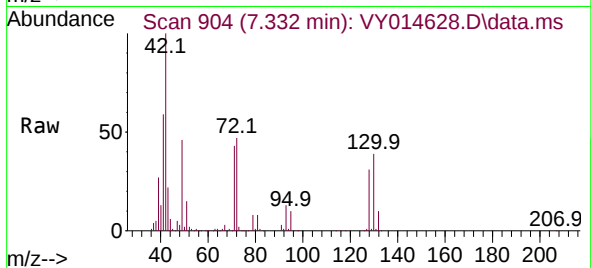
Tgt Ion:	42	Resp:	25152
Ion Ratio	Lower	Upper	
42	100		
72	45.3	32.8	49.2
71	43.2	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#30

Chloroform

Concen: 49.446 ug/l

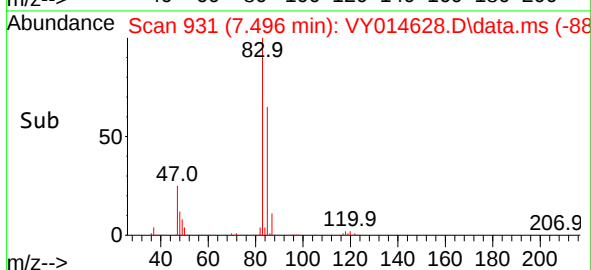
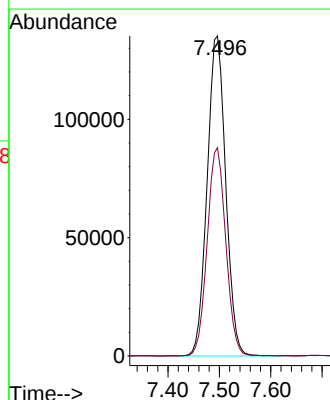
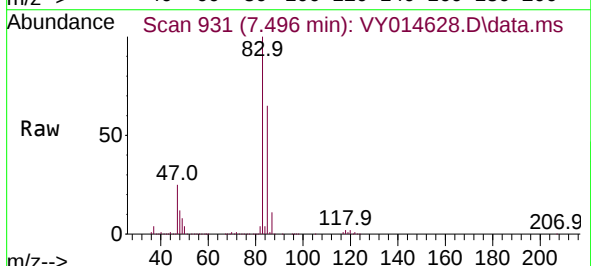
RT: 7.496 min Scan# 931

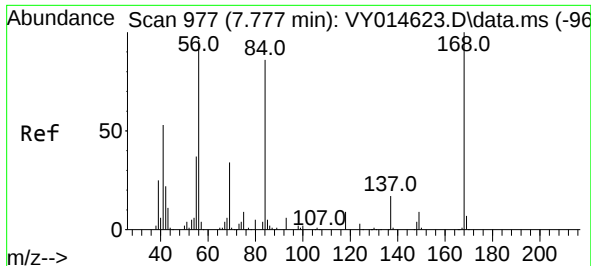
Delta R.T. -0.006 min

Lab File: VY014628.D

Acq: 13 Jul 2023 15:11

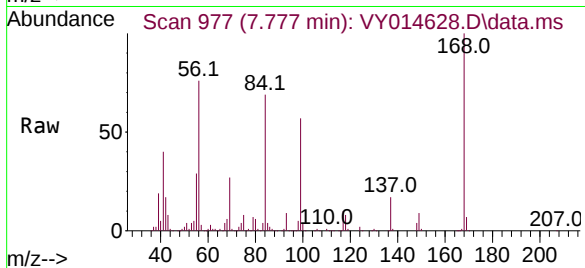
Tgt Ion:	83	Resp:	339372
Ion Ratio	Lower	Upper	
83	100		
85	65.1	49.7	74.5





#31
Cyclohexane
Concen: 46.126 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

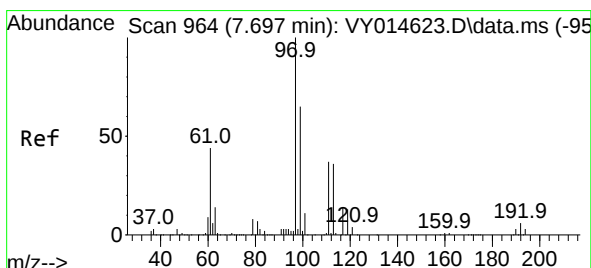
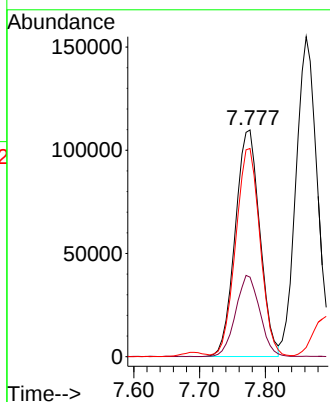
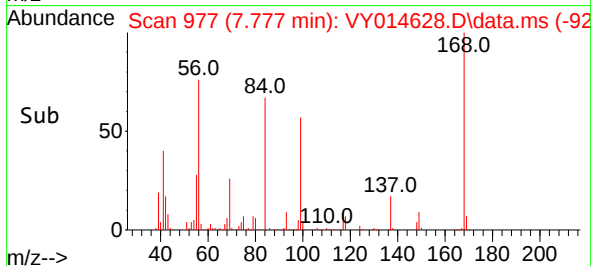
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY071323



Tgt Ion: 56 Resp: 285519
Ion Ratio Lower Upper
56 100
69 35.0 27.8 41.6
84 91.3 66.4 99.6

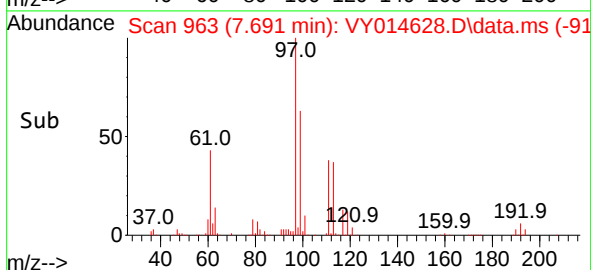
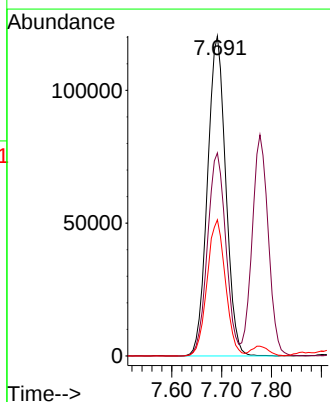
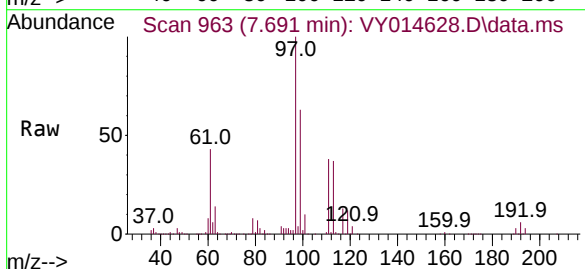
Manual Integrations
APPROVED

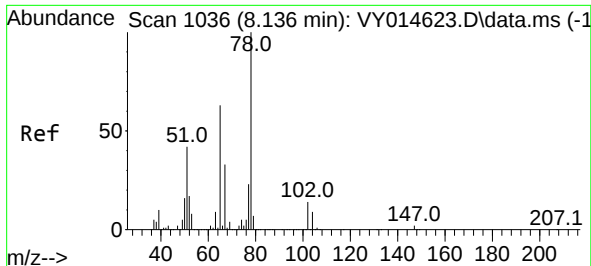
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#32
1,1,1-Trichloroethane
Concen: 49.612 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.006 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

Tgt Ion: 97 Resp: 306465
Ion Ratio Lower Upper
97 100
99 63.8 50.8 76.2
61 42.8 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 46.669 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VY014628.D

Acq: 13 Jul 2023 15:11

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY071323

Tgt Ion: 65 Resp: 17402

Ion Ratio Lower Upper

65 100

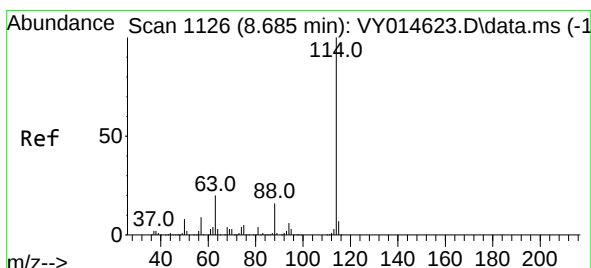
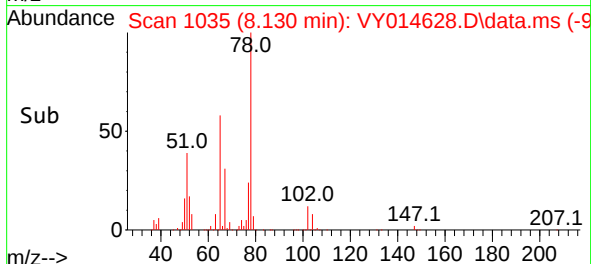
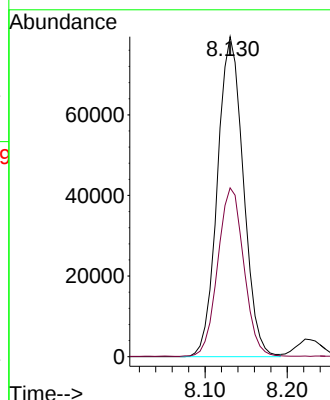
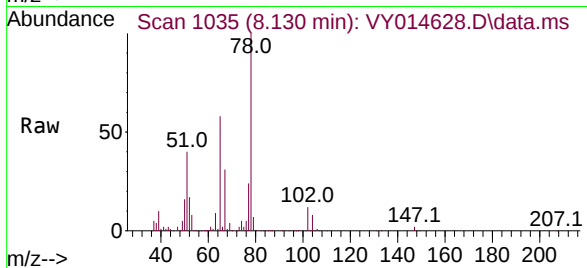
67 52.7 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY014628.D

Acq: 13 Jul 2023 15:11

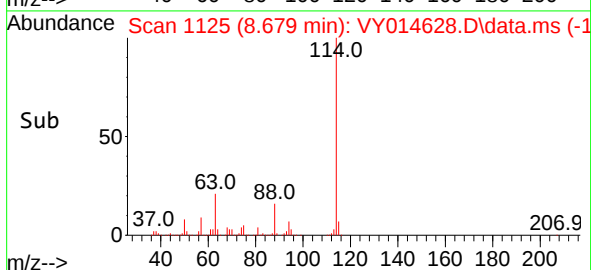
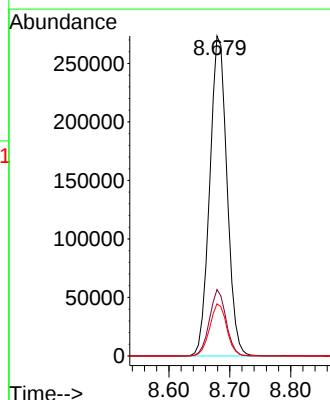
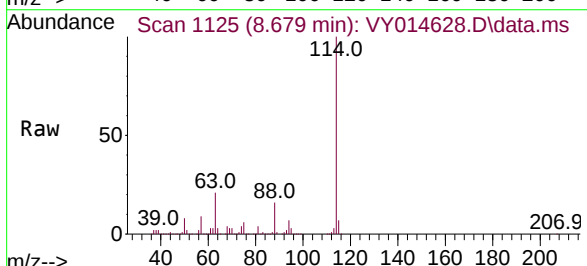
Tgt Ion:114 Resp: 536980

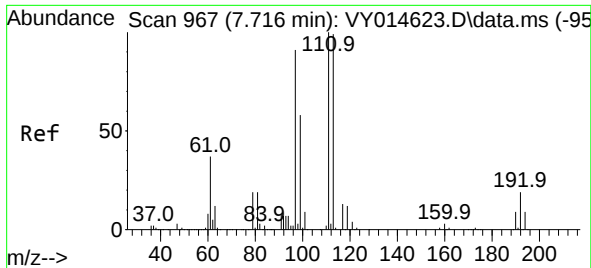
Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.4

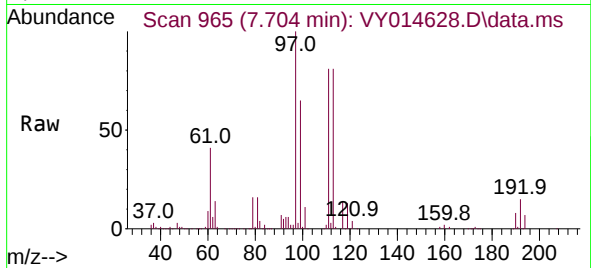
88 16.3 0.0 30.6





#35
 Dibromofluoromethane
 Concen: 47.811 ug/l
 RT: 7.704 min Scan# 965
 Delta R.T. -0.012 min
 Lab File: VY014628.D
 Acq: 13 Jul 2023 15:11

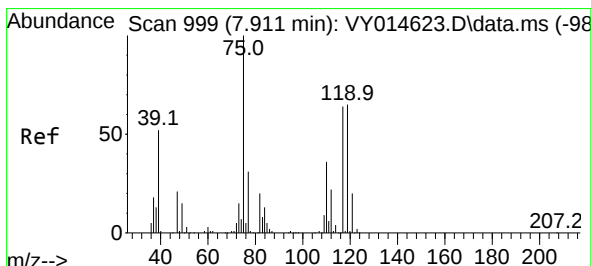
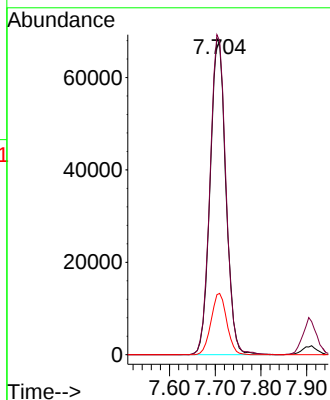
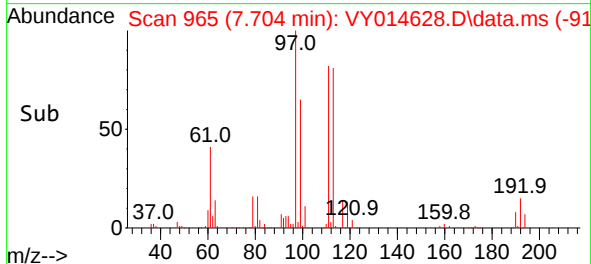
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY071323



Tgt Ion: 113 Resp: 163430
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.3 121.9
 192 19.3 16.9 25.3

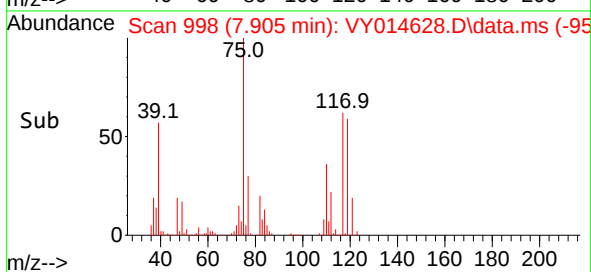
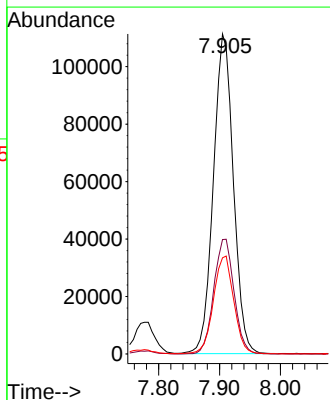
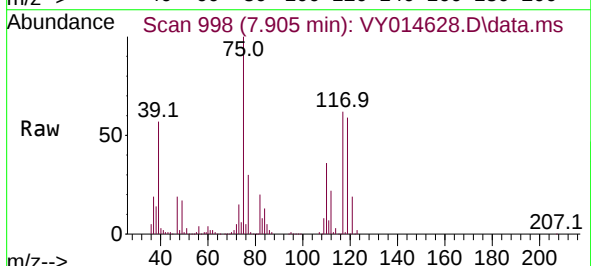
Manual Integrations
 APPROVED

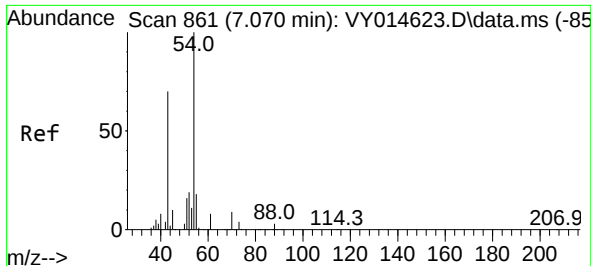
Reviewed By :John Carlone 07/14/2023
 Supervised By :Mahesh Dadoda 07/14/2023



#36
 1,1-Dichloropropene
 Concen: 49.538 ug/l
 RT: 7.905 min Scan# 998
 Delta R.T. -0.006 min
 Lab File: VY014628.D
 Acq: 13 Jul 2023 15:11

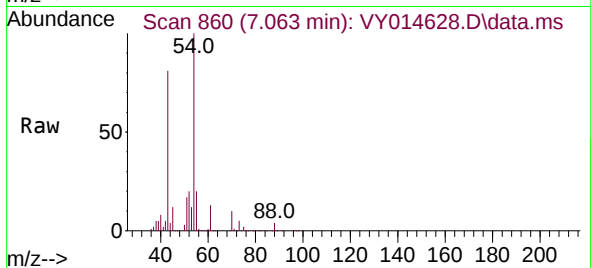
Tgt Ion: 75 Resp: 253236
 Ion Ratio Lower Upper
 75 100
 110 36.4 17.8 53.5
 77 31.1 24.4 36.6





#37
Ethyl Acetate
Concen: 48.288 ug/l
RT: 7.063 min Scan# 80
Delta R.T. -0.007 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

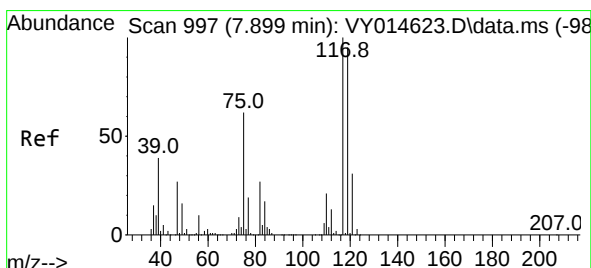
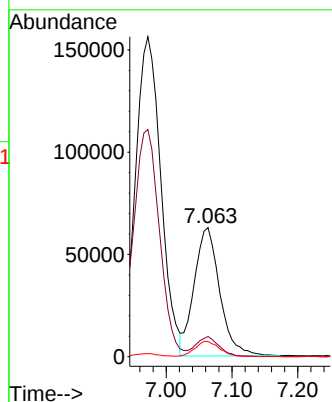
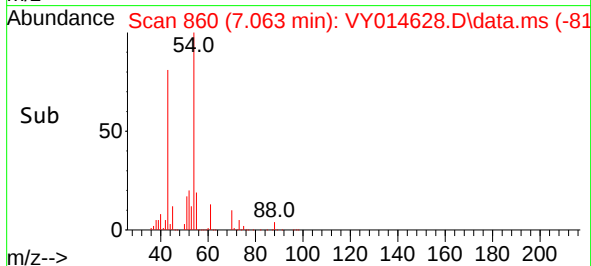
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY071323



Tgt Ion: 43 Resp: 169952
Ion Ratio Lower Upper
43 100
61 14.4 10.1 15.1
70 11.2 7.1 10.7

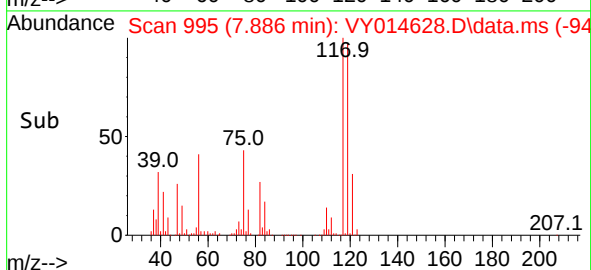
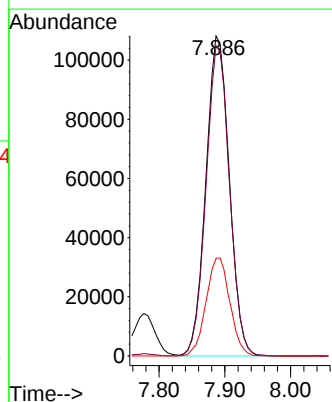
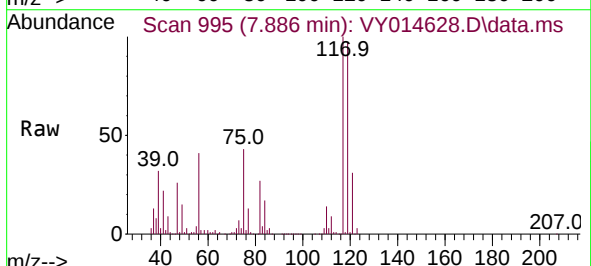
Manual Integrations
APPROVED

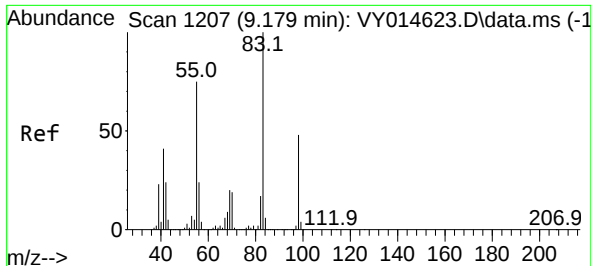
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#38
Carbon Tetrachloride
Concen: 49.709 ug/l
RT: 7.886 min Scan# 995
Delta R.T. -0.013 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

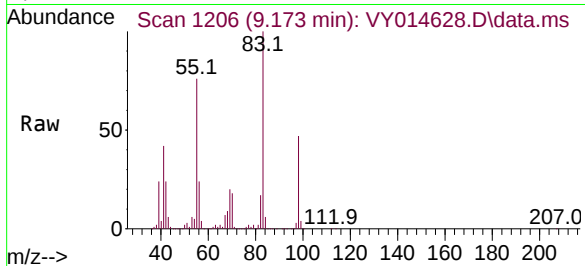
Tgt Ion:117 Resp: 268615
Ion Ratio Lower Upper
117 100
119 97.0 76.4 114.6
121 30.5 25.8 38.6





#39
Methylcyclohexane
Concen: 48.820 ug/l
RT: 9.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

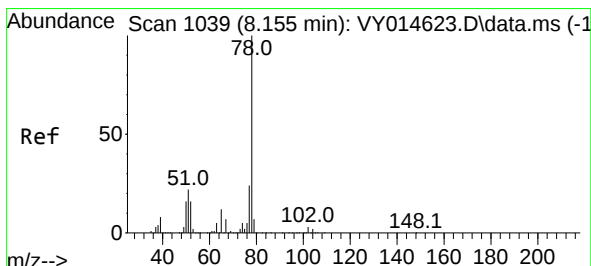
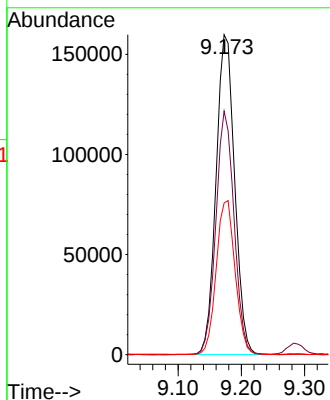
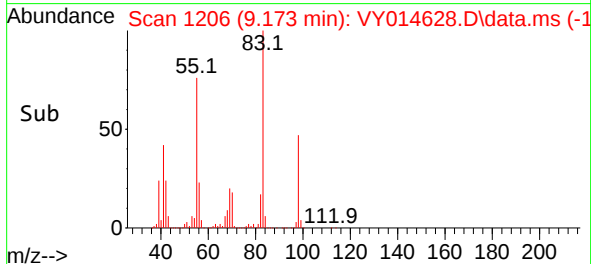
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY071323



Tgt Ion: 83 Resp: 325134
Ion Ratio Lower Upper
83 100
55 76.0 63.0 94.4
98 47.4 37.4 56.2

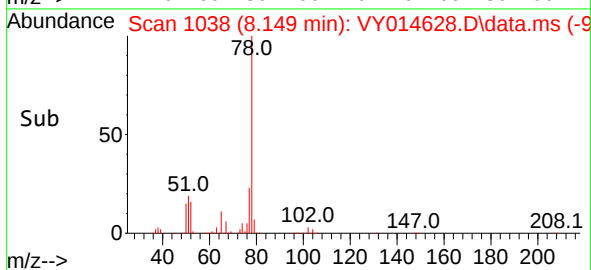
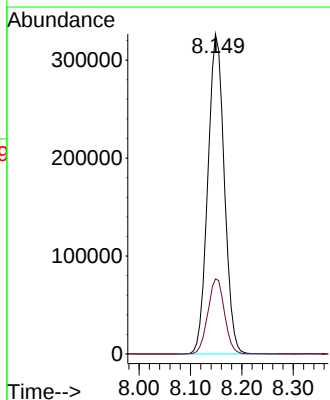
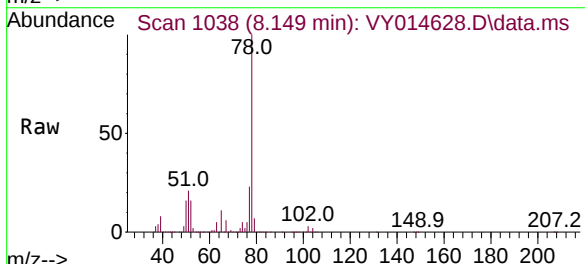
Manual Integrations
APPROVED

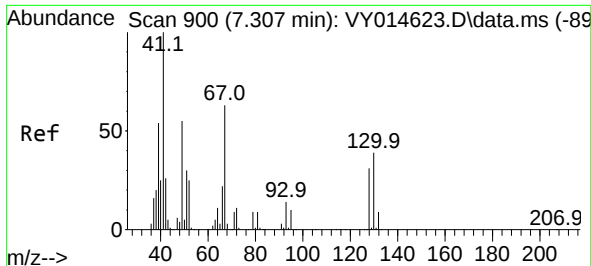
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#40
Benzene
Concen: 50.008 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

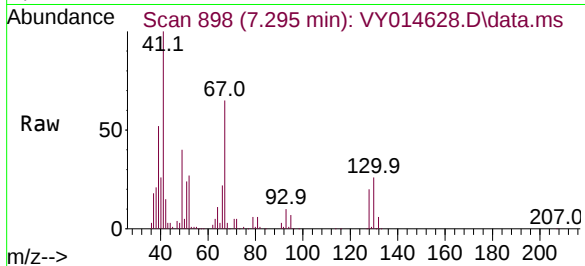
Tgt Ion: 78 Resp: 727040
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6





#41
Methacrylonitrile
Concen: 49.489 ug/l
RT: 7.295 min Scan# 899
Delta R.T. -0.012 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

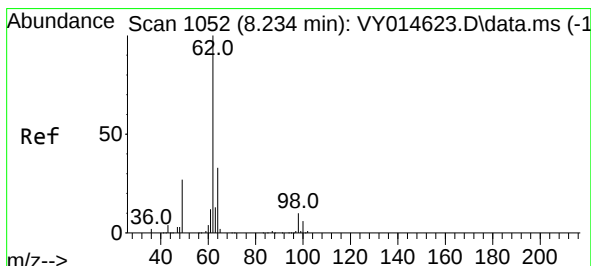
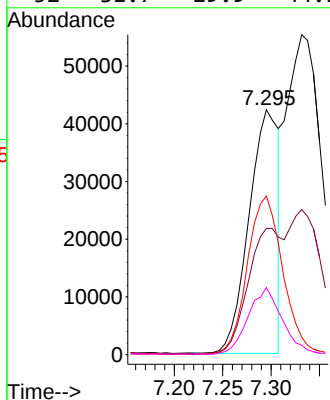
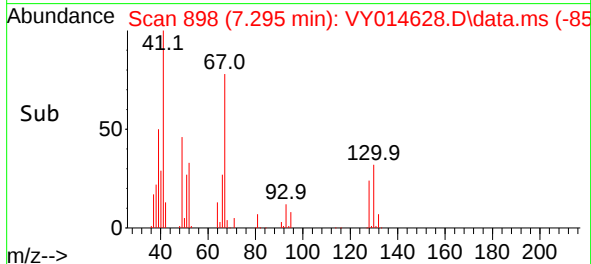
Instrument :
MSVOA_Y
Client Sample Id :
ICVVY071323



Tgt Ion:	41	Resp:	8959
Ion Ratio	Lower	Upper	
41	100		
39	61.4	52.1	78.1
67	79.0	66.2	99.2
52	31.7	29.9	44.9

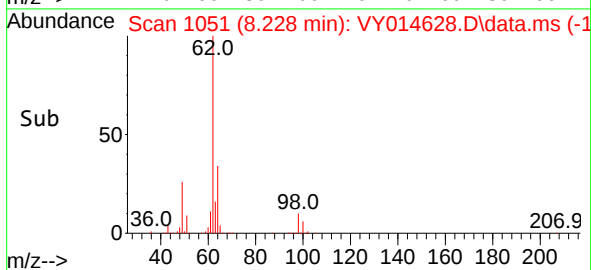
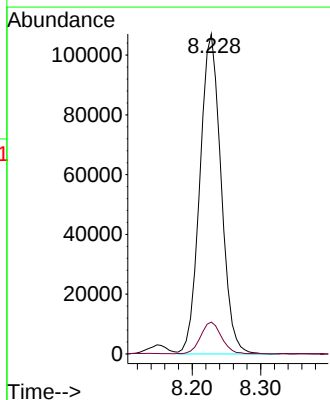
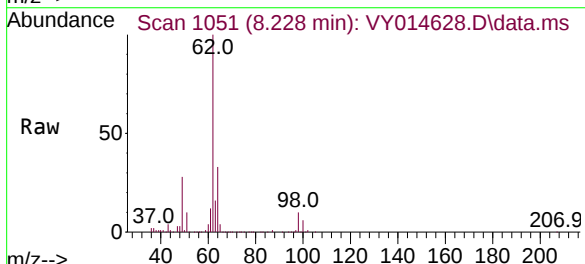
Manual Integrations
APPROVED

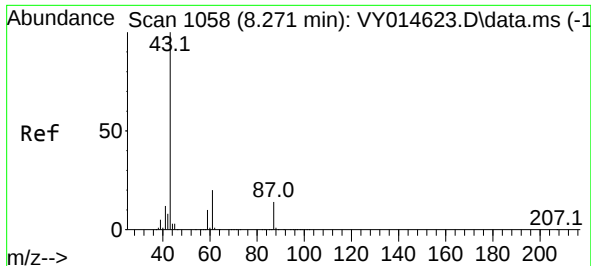
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#42
1,2-Dichloroethane
Concen: 50.028 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

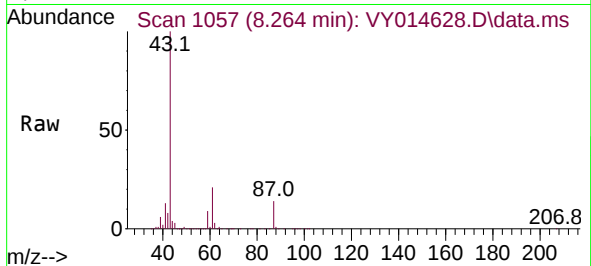
Tgt Ion:	62	Resp:	230330
Ion Ratio	Lower	Upper	
62	100		
98	9.9	0.0	15.8





#43
Isopropyl Acetate
Concen: 48.784 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. -0.007 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

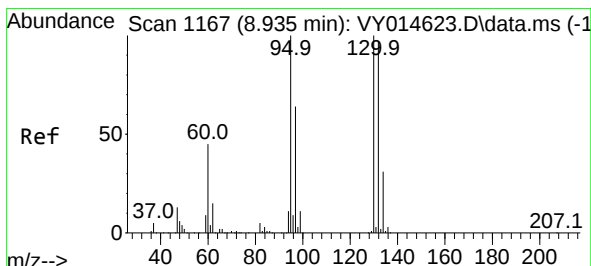
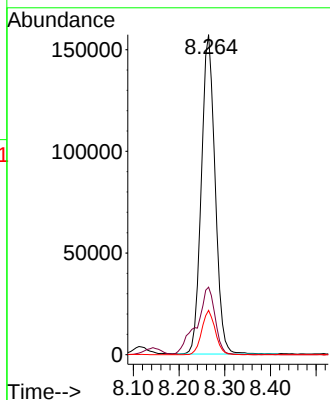
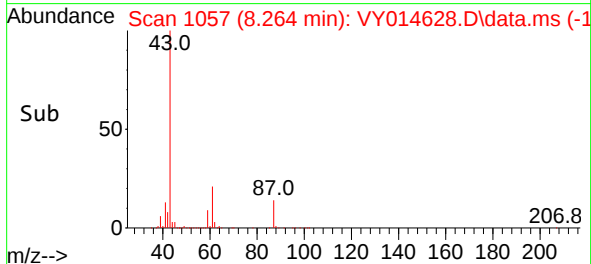
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY071323



Tgt Ion: 43 Resp: 327060
Ion Ratio Lower Upper
43 100
61 28.4 21.1 31.7
87 13.7 9.8 14.8

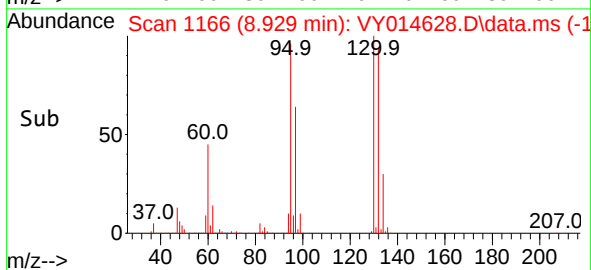
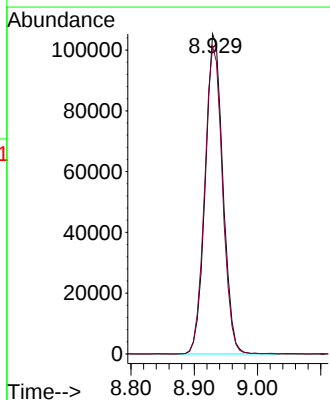
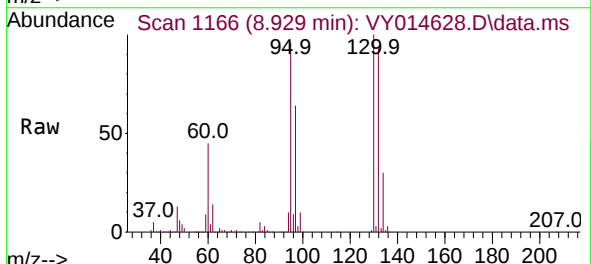
Manual Integrations
APPROVED

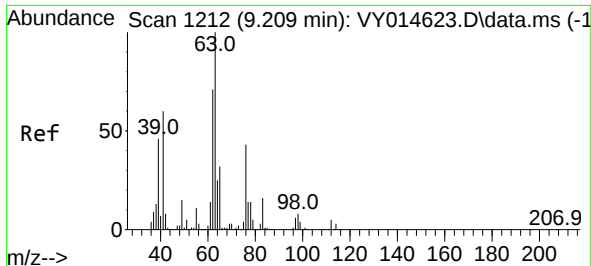
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#44
Trichloroethene
Concen: 50.018 ug/l
RT: 8.929 min Scan# 1166
Delta R.T. -0.006 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

Tgt Ion:130 Resp: 203462
Ion Ratio Lower Upper
130 100
95 96.1 0.0 196.0





#45

1,2-Dichloropropane

Concen: 50.134 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY014628.D

Acq: 13 Jul 2023 15:11

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY071323

Tgt Ion: 63 Resp: 190328

Ion Ratio Lower Upper

63 100

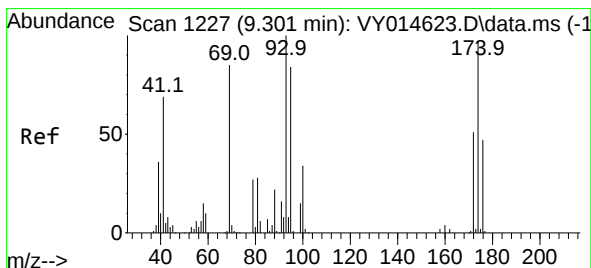
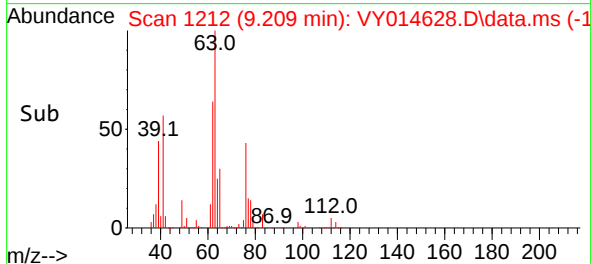
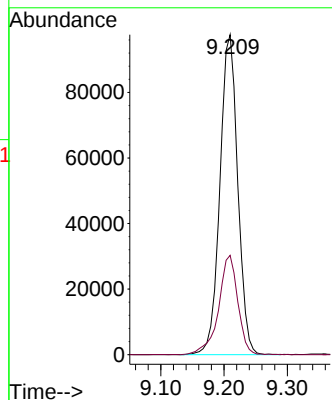
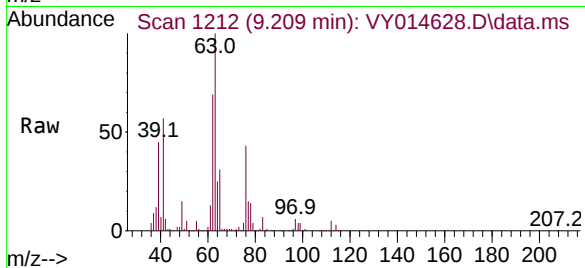
65 31.0 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#46

Dibromomethane

Concen: 49.509 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.006 min

Lab File: VY014628.D

Acq: 13 Jul 2023 15:11

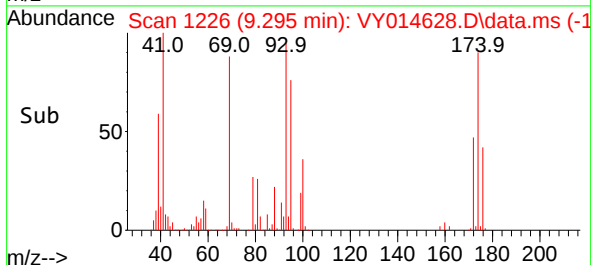
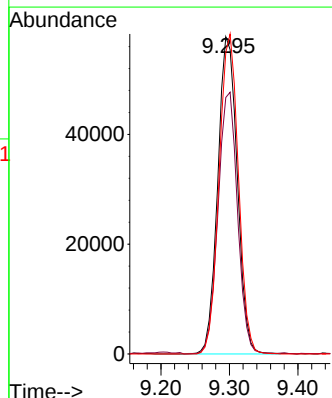
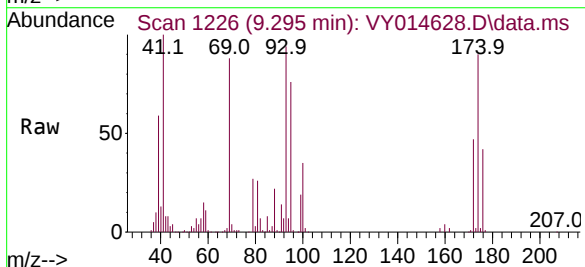
Tgt Ion: 93 Resp: 114022

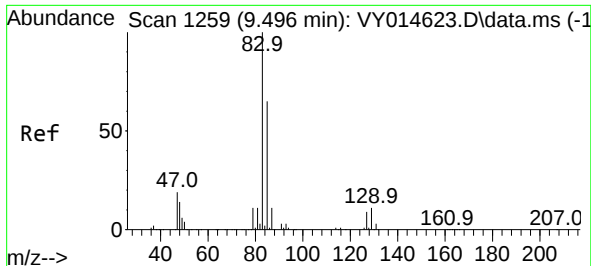
Ion Ratio Lower Upper

93 100

95 82.4 66.6 100.0

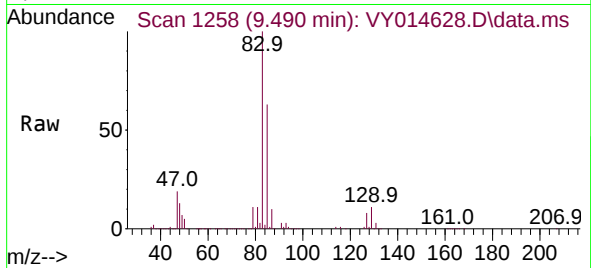
174 99.6 84.8 127.2





#47
Bromodichloromethane
Concen: 50.646 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

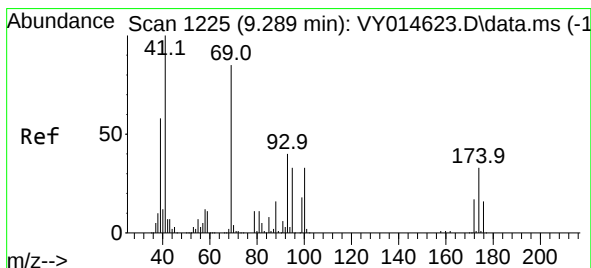
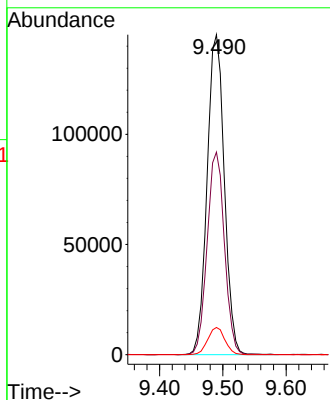
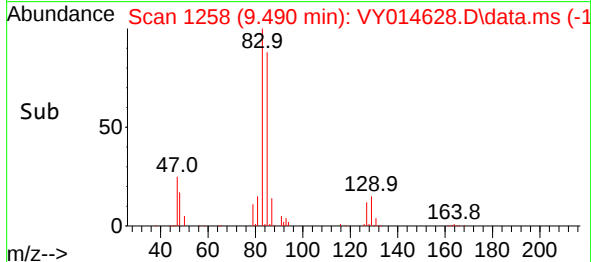
Instrument : MSVOA_Y
ClientSampleId : ICVVY071323



Tgt Ion: 83 Resp: 274910
Ion Ratio Lower Upper
83 100
85 63.3 50.1 75.1
127 8.5 7.1 10.7

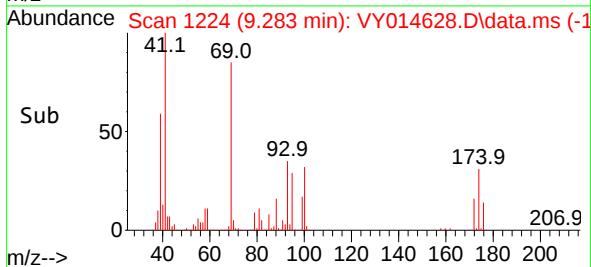
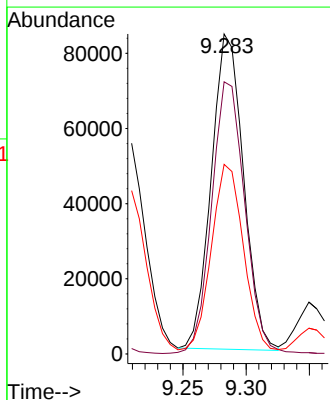
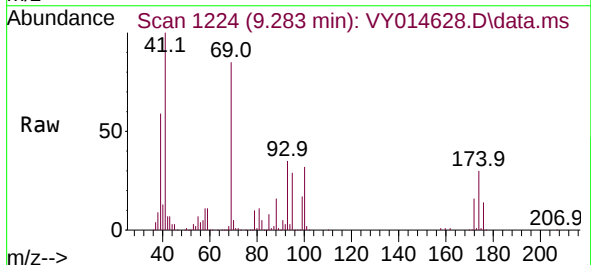
Manual Integrations
APPROVED

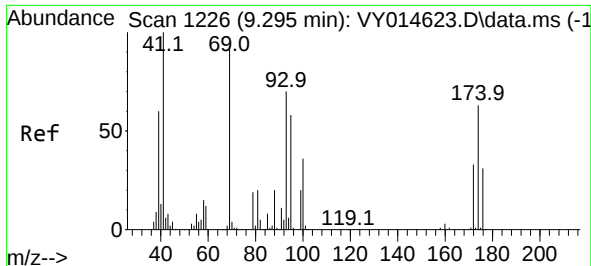
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#48
Methyl methacrylate
Concen: 49.197 ug/l
RT: 9.283 min Scan# 1224
Delta R.T. -0.006 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

Tgt Ion: 41 Resp: 148418
Ion Ratio Lower Upper
41 100
69 88.8 64.5 96.7
39 60.7 50.8 76.2





#49

1,4-Dioxane

Concen: 994.793 ug/l

RT: 9.289 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014628.D

Acq: 13 Jul 2023 15:11

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY071323

Tgt Ion: 88 Resp: 3735

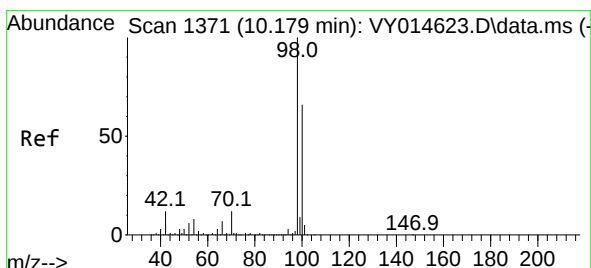
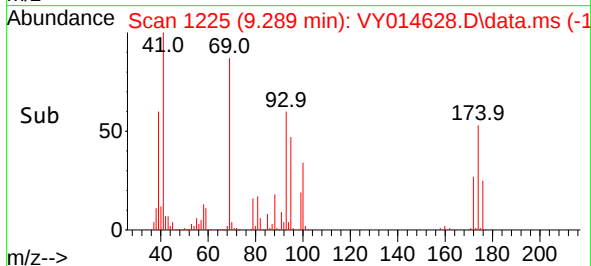
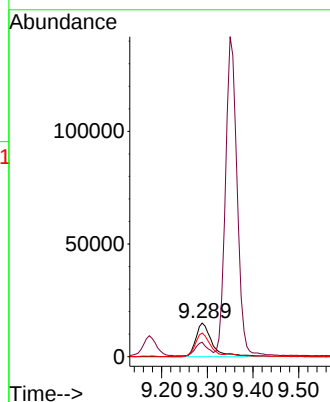
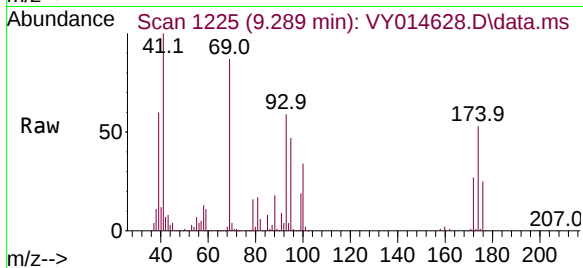
Ion	Ratio	Lower	Upper
88	100		
43	30.6	0.0	0.0
58	62.3	30.9	46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#50

Toluene-d8

Concen: 47.005 ug/l

RT: 10.173 min Scan# 1370

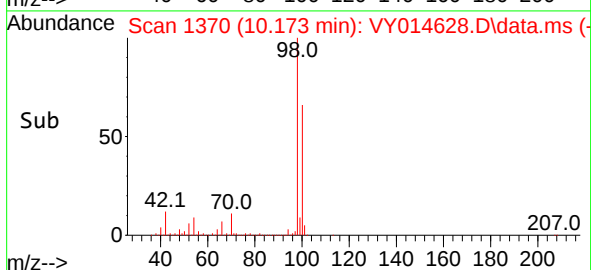
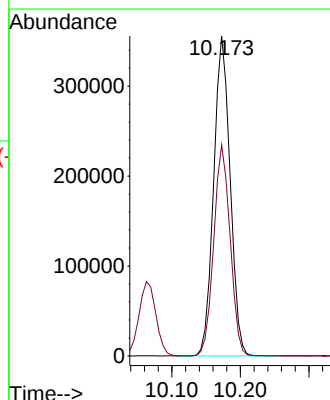
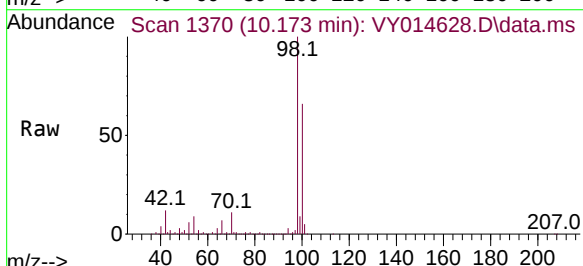
Delta R.T. -0.006 min

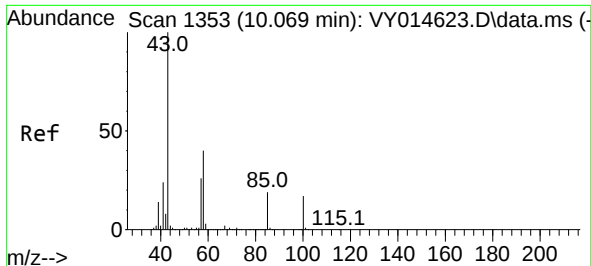
Lab File: VY014628.D

Acq: 13 Jul 2023 15:11

Tgt Ion: 98 Resp: 592382

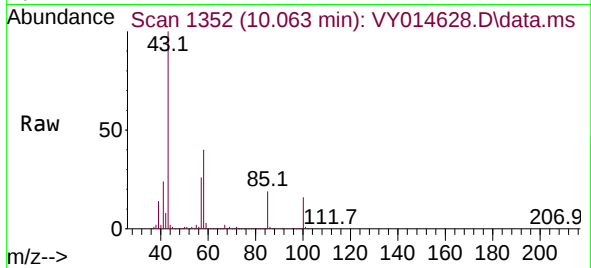
Ion	Ratio	Lower	Upper
98	100		
100	65.6	50.1	75.1





#51
4-Methyl-2-Pentanone
Concen: 245.195 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

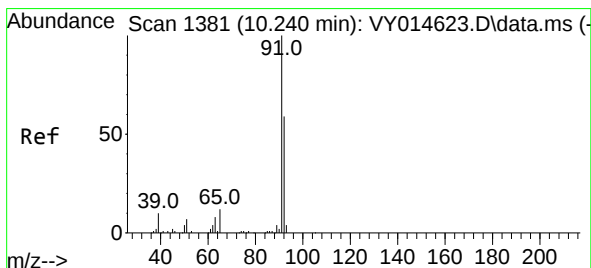
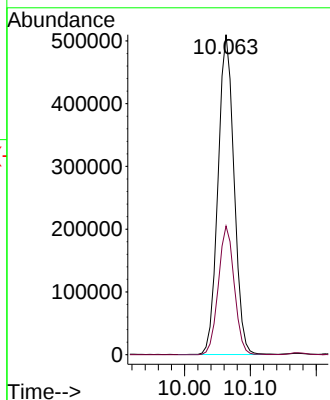
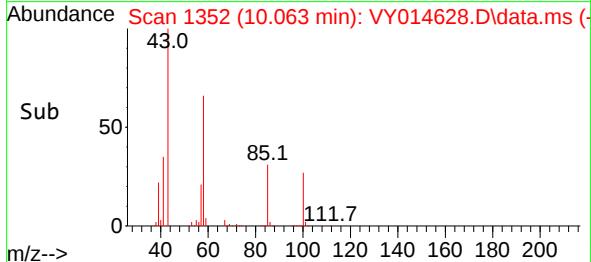
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY071323



Tgt Ion: 43 Resp: 863118
Ion Ratio Lower Upper
43 100
58 40.0 29.0 43.6

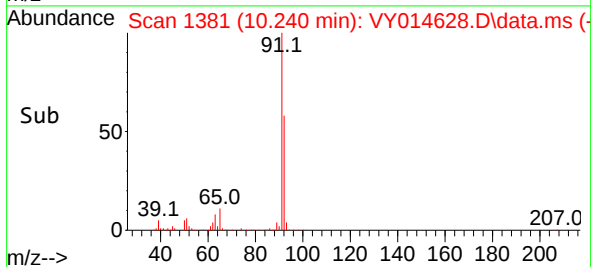
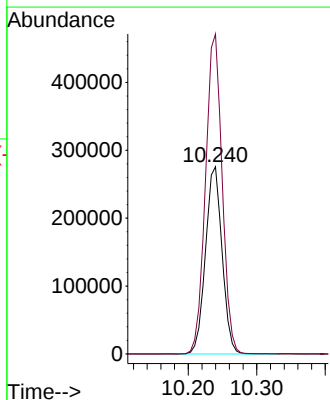
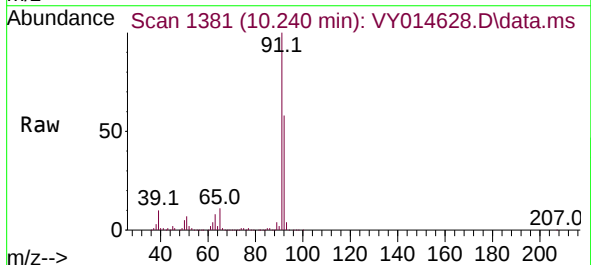
Manual Integrations
APPROVED

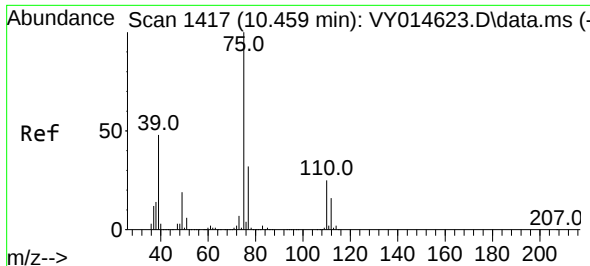
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#52
Toluene
Concen: 49.869 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

Tgt Ion: 92 Resp: 463942
Ion Ratio Lower Upper
92 100
91 171.5 143.8 215.6





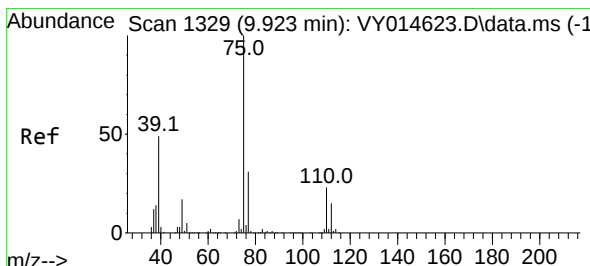
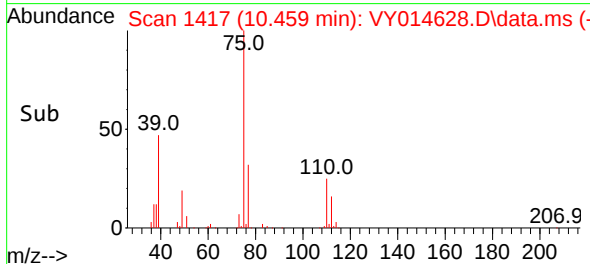
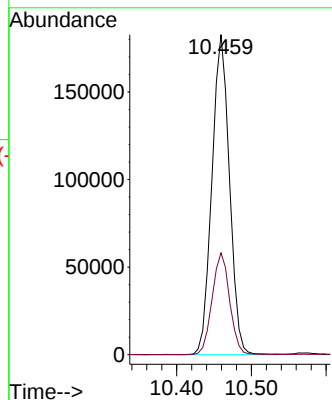
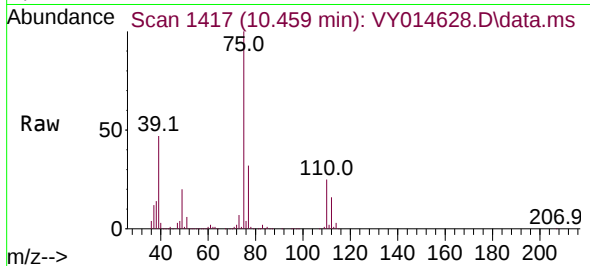
#53
t-1,3-Dichloropropene
Concen: 50.133 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY071323

Tgt Ion: 75 Resp: 297662
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.4

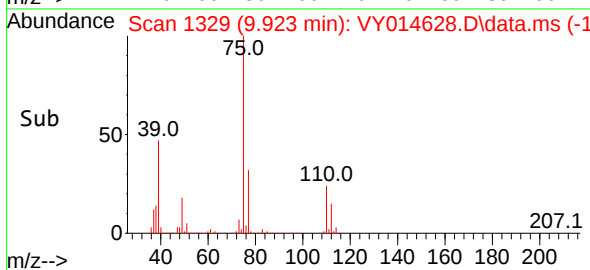
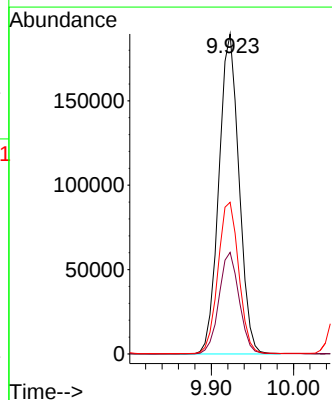
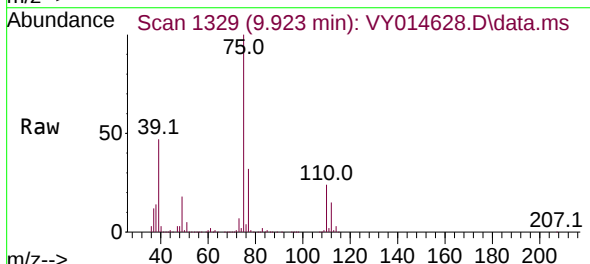
Manual Integrations
APPROVED

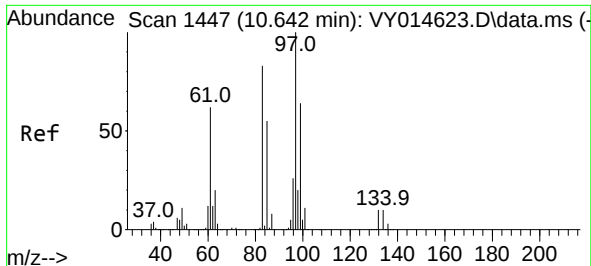
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#54
cis-1,3-Dichloropropene
Concen: 50.008 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

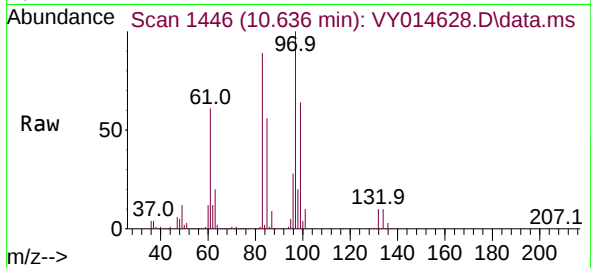
Tgt Ion: 75 Resp: 322889
Ion Ratio Lower Upper
75 100
77 31.7 24.2 36.4
39 47.3 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 50.644 ug/l
RT: 10.636 min Scan# 1446
Delta R.T. -0.006 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

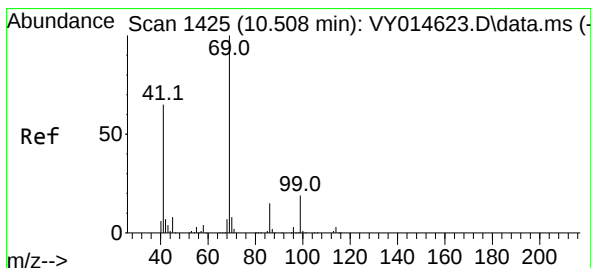
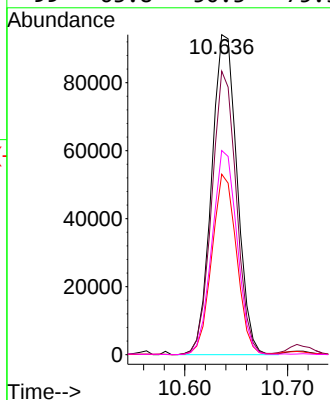
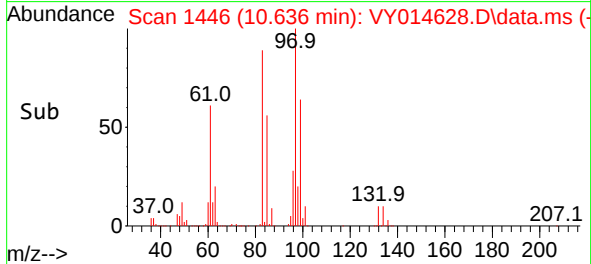
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY071323



Tgt Ion: 97 Resp: 16247
Ion Ratio Lower Upper
97 100
83 88.5 72.0 108.0
85 56.3 45.4 68.0
99 63.8 50.3 75.5

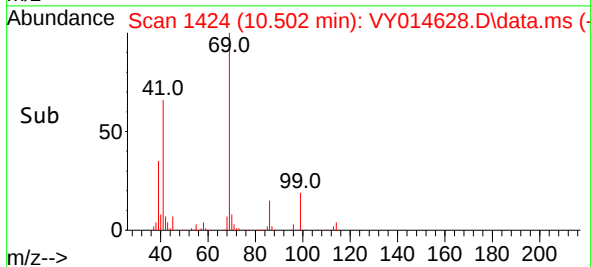
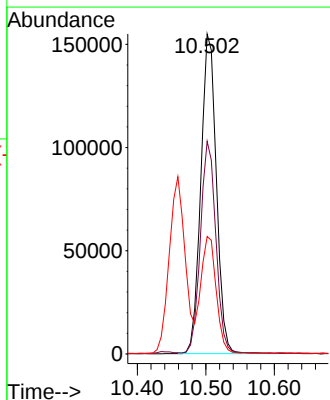
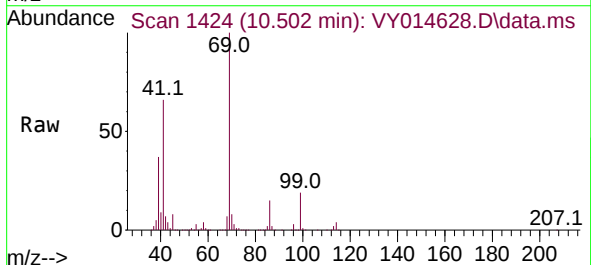
Manual Integrations
APPROVED

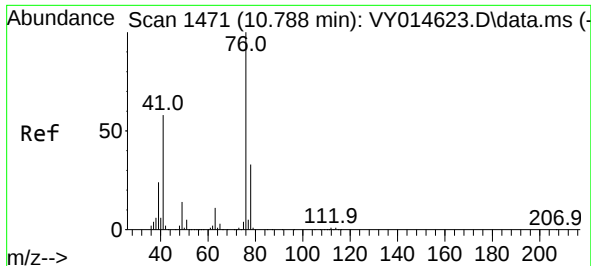
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#56
Ethyl methacrylate
Concen: 49.914 ug/l
RT: 10.502 min Scan# 1424
Delta R.T. -0.006 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

Tgt Ion: 69 Resp: 244491
Ion Ratio Lower Upper
69 100
41 65.6 57.6 86.4
39 35.5 34.1 51.1





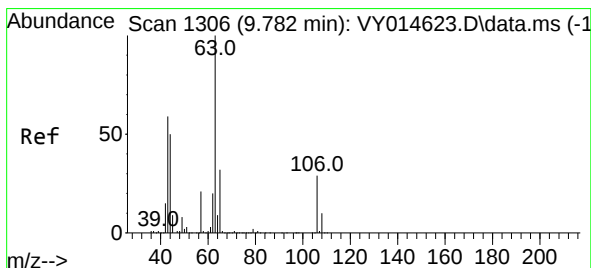
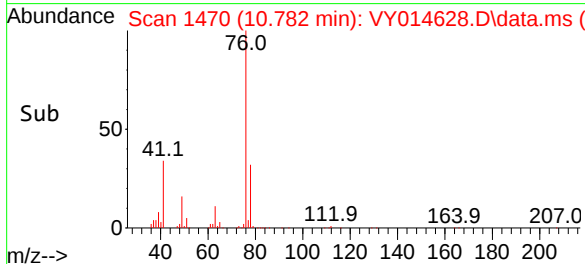
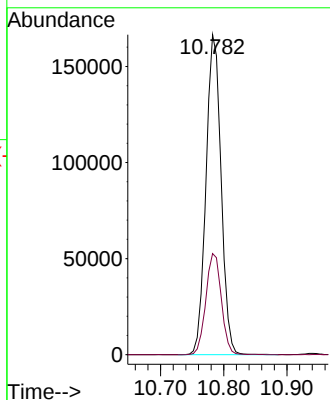
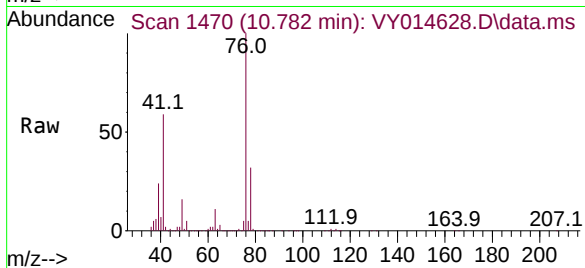
#57
1,3-Dichloropropane
Concen: 49.940 ug/l
RT: 10.782 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

Instrument : MSVOA_Y
ClientSampleId : ICVVY071323

Tgt Ion: 76 Resp: 276330
Ion Ratio Lower Upper
76 100
78 32.5 25.3 37.9

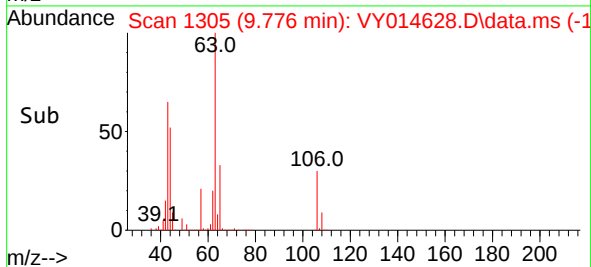
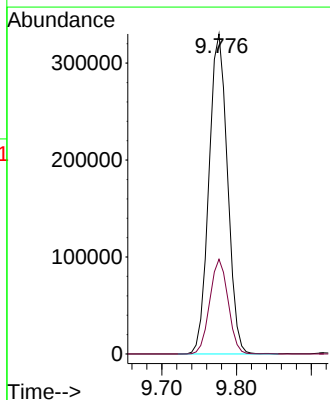
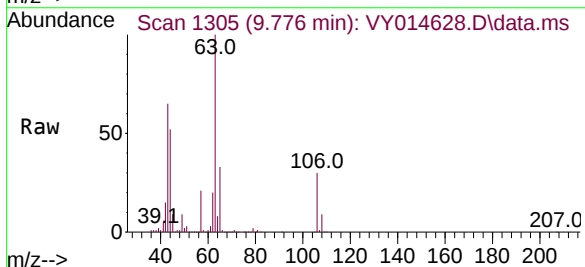
Manual Integrations
APPROVED

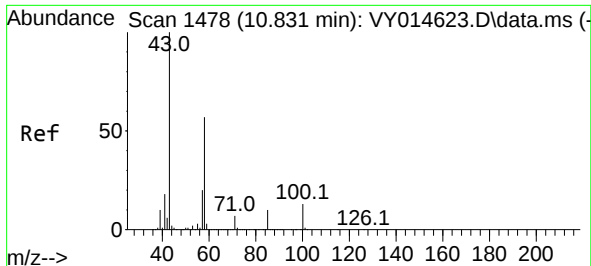
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#58
2-Chloroethyl Vinyl ether
Concen: 249.241 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. -0.006 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

Tgt Ion: 63 Resp: 568842
Ion Ratio Lower Upper
63 100
106 29.2 21.2 31.8





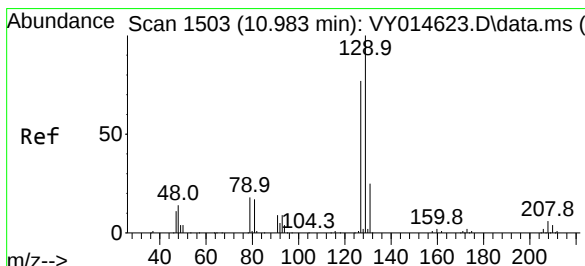
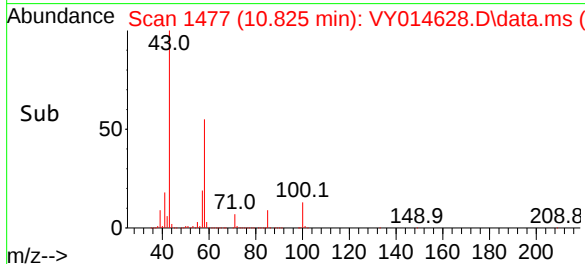
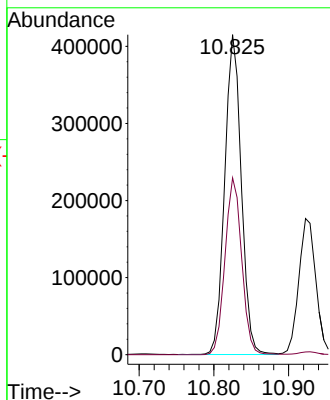
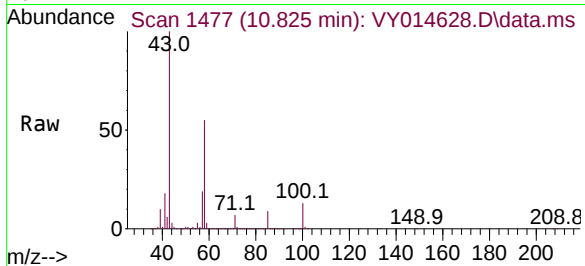
#59
2-Hexanone
Concen: 249.743 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY071323

Tgt Ion: 43 Resp: 641108
Ion Ratio Lower Upper
43 100
58 55.7 25.1 75.3

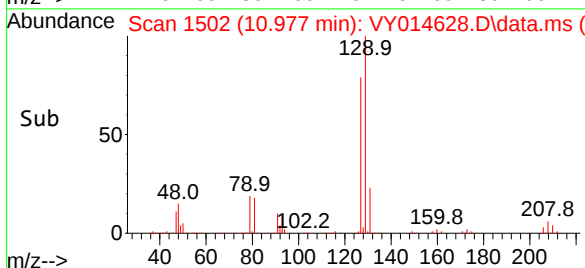
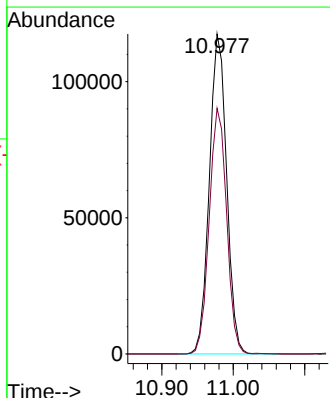
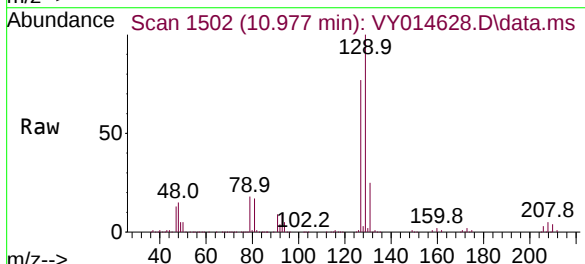
Manual Integrations
APPROVED

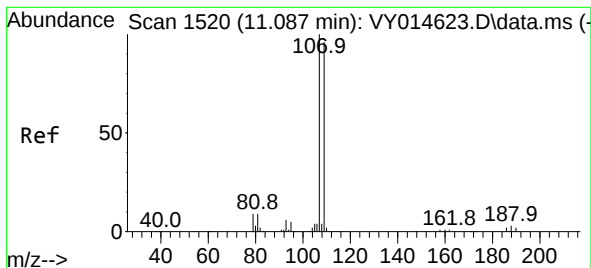
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#60
Dibromochloromethane
Concen: 50.064 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

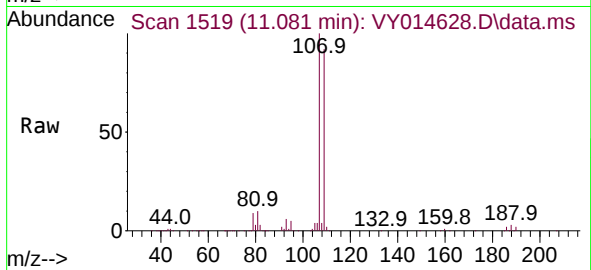
Tgt Ion:129 Resp: 196919
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5





#61
1,2-Dibromoethane
Concen: 49.928 ug/l
RT: 11.081 min Scan# 1519
Delta R.T. -0.006 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

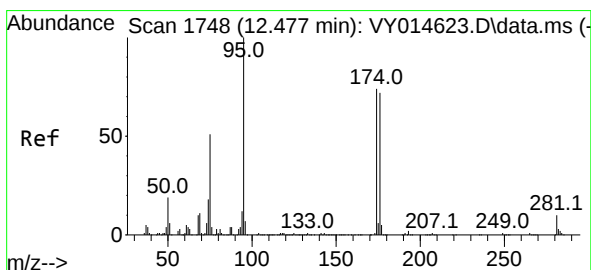
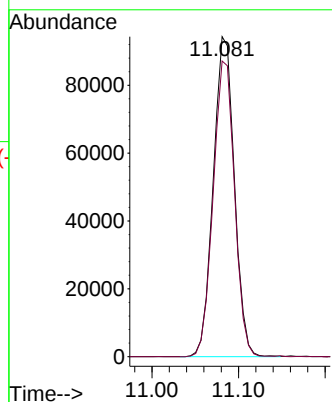
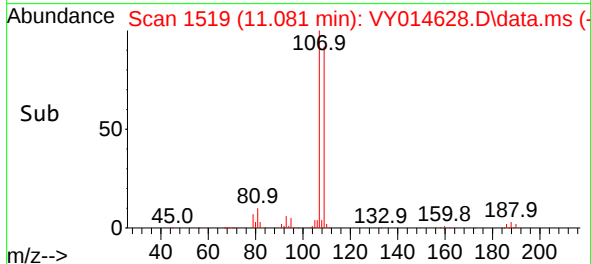
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY071323



Tgt Ion:107 Resp: 159790
Ion Ratio Lower Upper
107 100
109 93.5 75.6 113.4

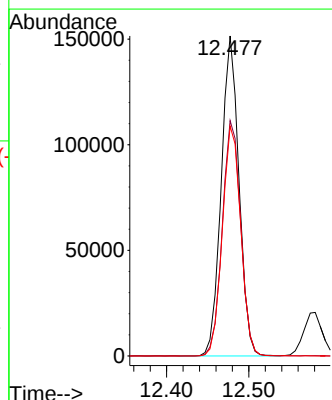
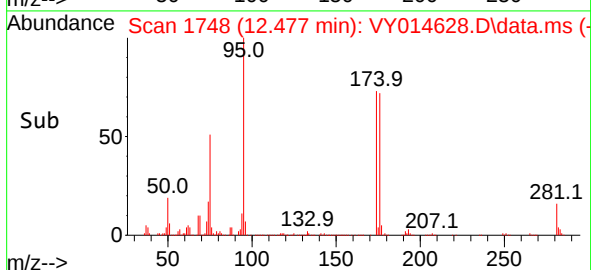
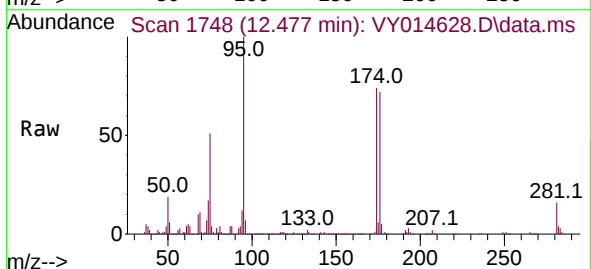
Manual Integrations
APPROVED

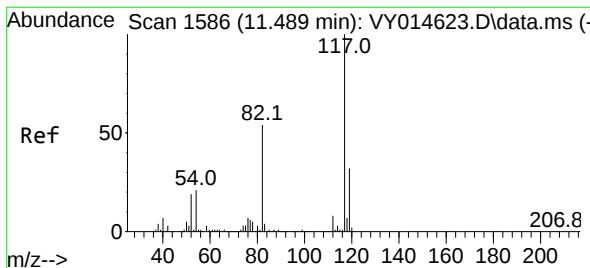
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#62
4-Bromofluorobenzene
Concen: 47.022 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

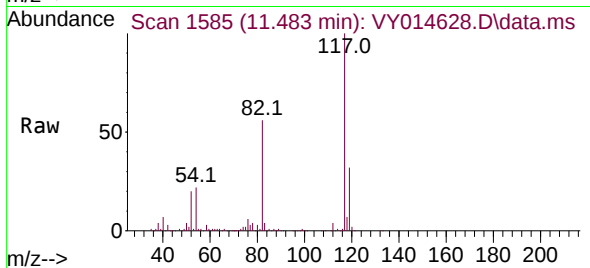
Tgt Ion: 95 Resp: 227225
Ion Ratio Lower Upper
95 100
174 76.2 0.0 178.2
176 74.5 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

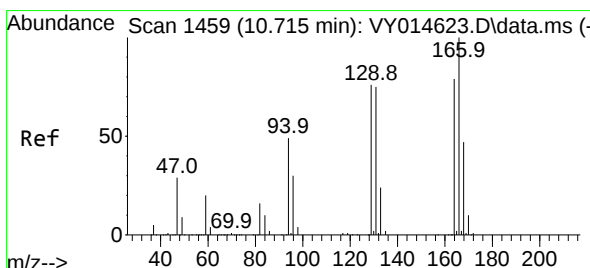
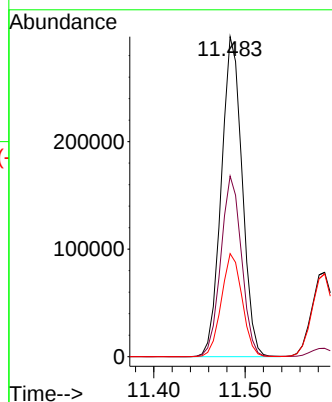
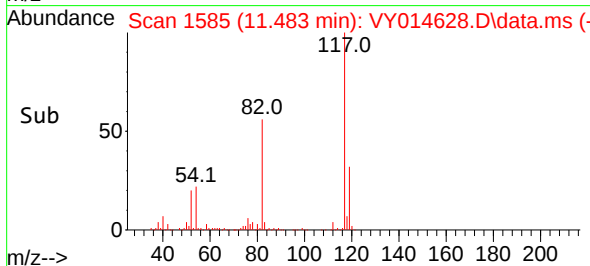
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY071323



Tgt Ion:117 Resp: 472279
Ion Ratio Lower Upper
117 100
82 56.4 43.4 65.0
119 32.2 26.3 39.5

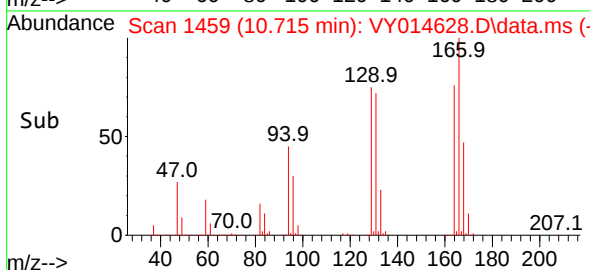
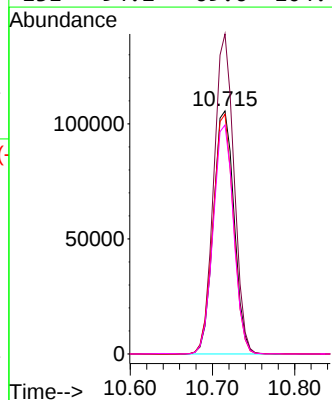
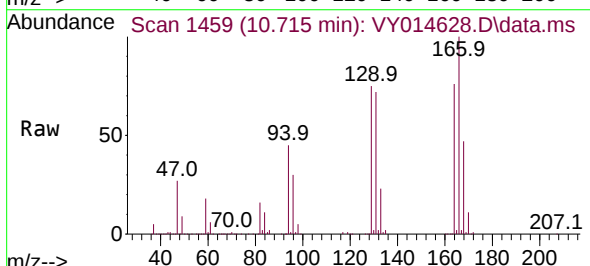
Manual Integrations
APPROVED

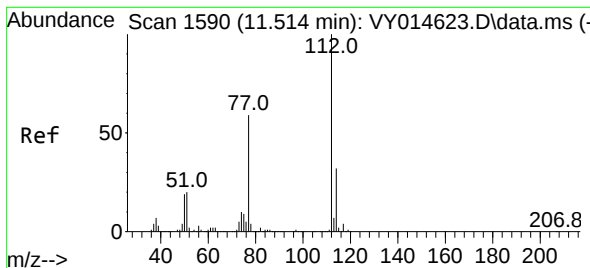
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#64
Tetrachloroethene
Concen: 48.653 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

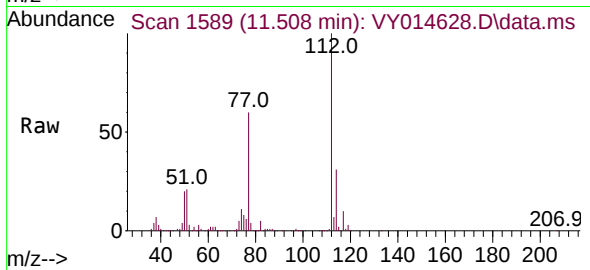
Tgt Ion:164 Resp: 184802
Ion Ratio Lower Upper
164 100
166 131.7 103.0 154.6
129 98.6 77.2 115.8
131 94.2 69.6 104.4





#65
Chlorobenzene
Concen: 50.128 ug/l
RT: 11.508 min Scan# 1159
Delta R.T. -0.006 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

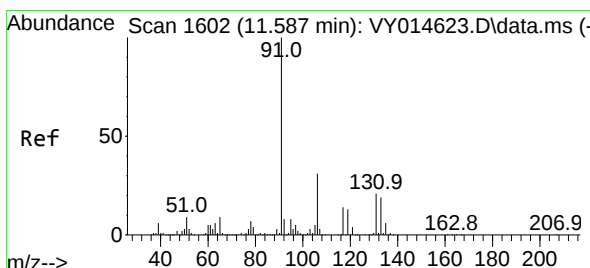
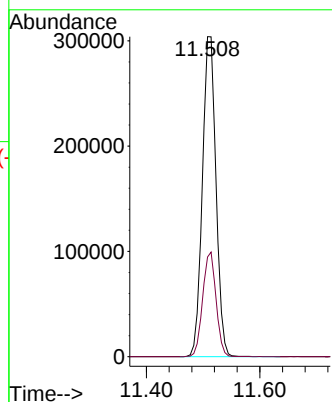
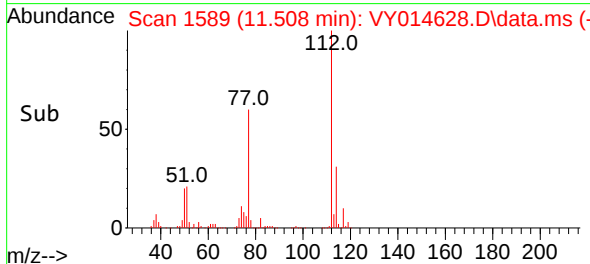
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY071323



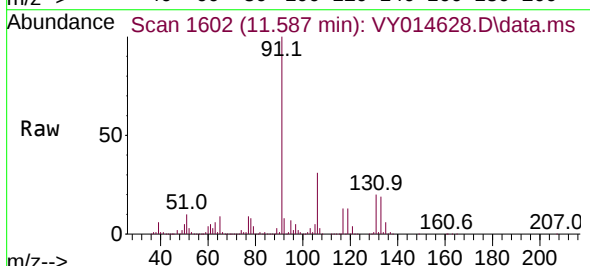
Tgt Ion:112 Resp: 504493
Ion Ratio Lower Upper
112 100
114 31.1 25.5 38.3

Manual Integrations
APPROVED

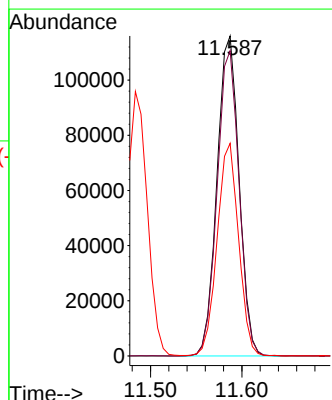
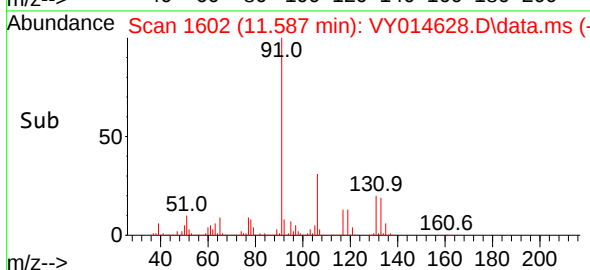
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

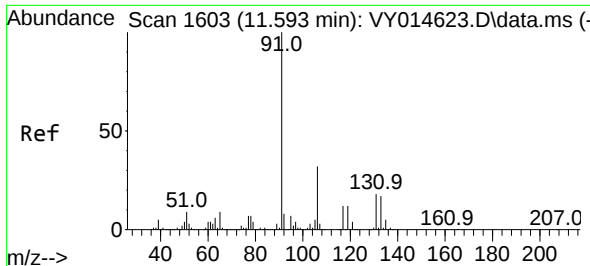


#66
1,1,1,2-Tetrachloroethane
Concen: 51.326 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11



Tgt Ion:131 Resp: 194761
Ion Ratio Lower Upper
131 100
133 94.9 47.5 142.6
119 64.8 31.6 94.7





#67

Ethyl Benzene

Concen: 49.873 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY014628.D

Acq: 13 Jul 2023 15:11

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY071323

Tgt Ion: 91 Resp: 906239

Ion Ratio Lower Upper

91 100

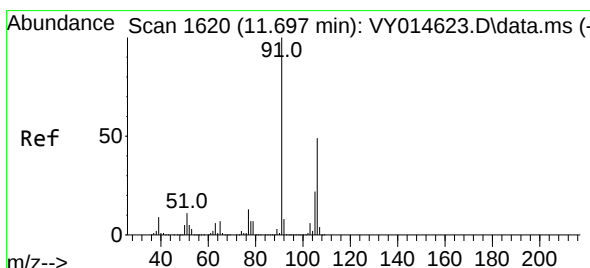
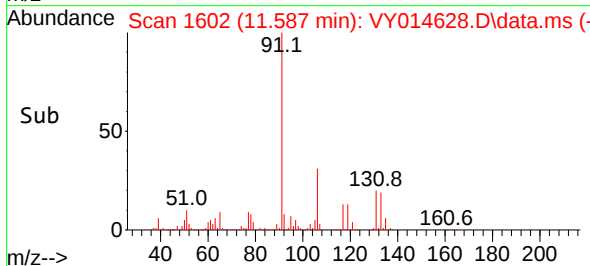
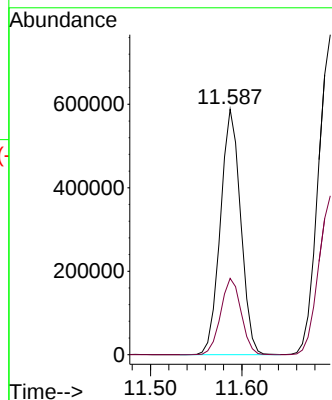
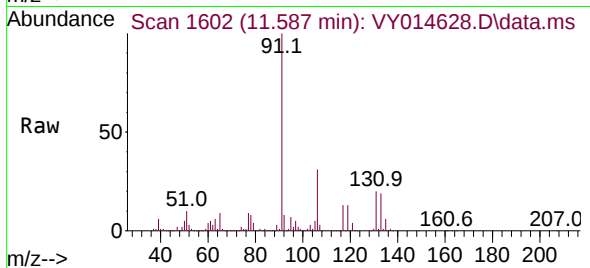
106 31.1 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#68

m/p-Xylenes

Concen: 100.250 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY014628.D

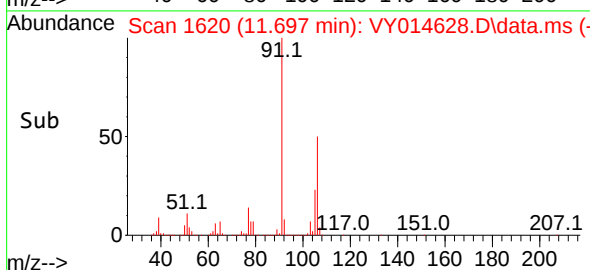
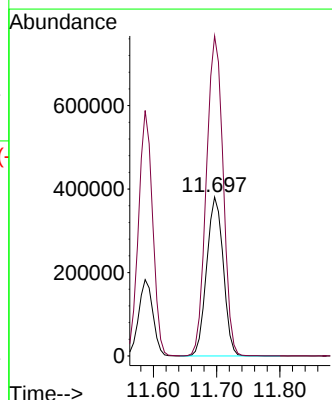
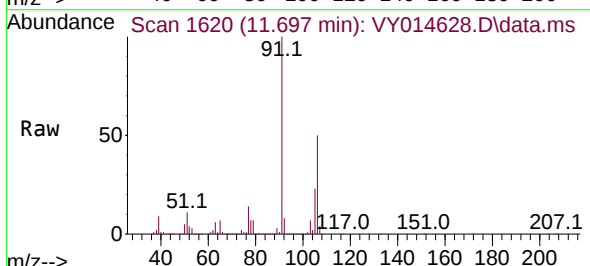
Acq: 13 Jul 2023 15:11

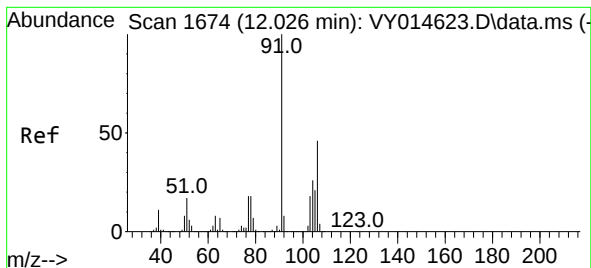
Tgt Ion:106 Resp: 695363

Ion Ratio Lower Upper

106 100

91 203.0 166.1 249.1





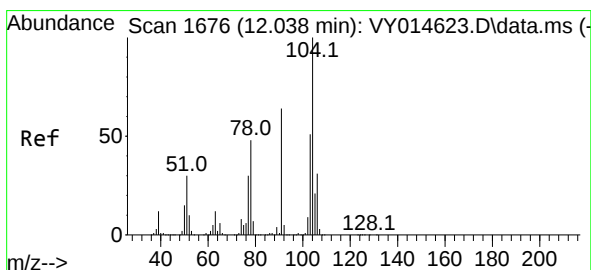
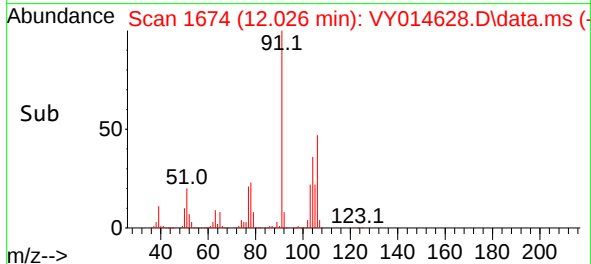
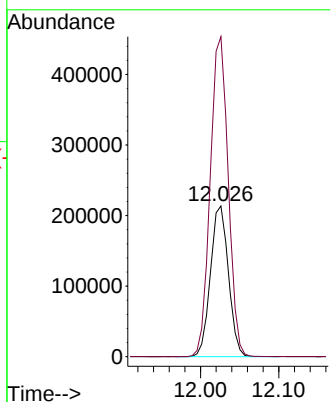
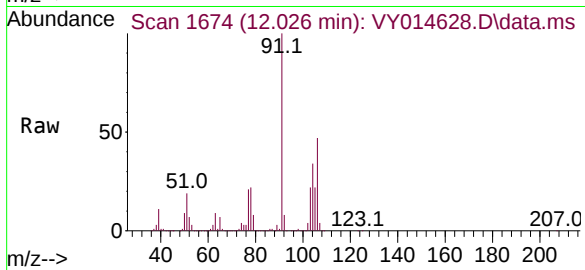
#69
o-Xylene
Concen: 50.370 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY071323

Tgt Ion:106 Resp: 340297
Ion Ratio Lower Upper
106 100
91 212.5 108.1 324.3

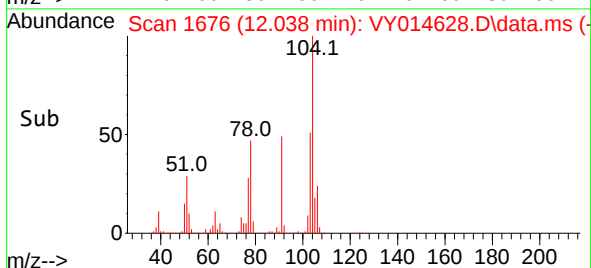
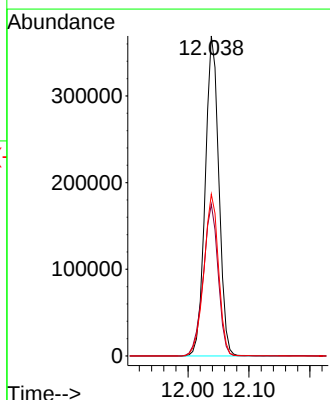
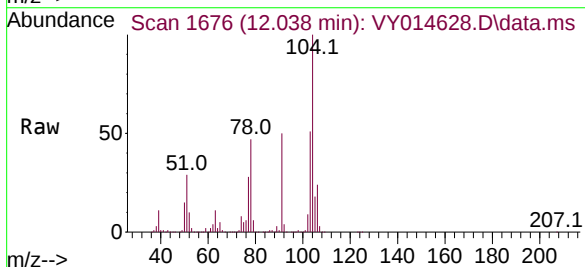
Manual Integrations
APPROVED

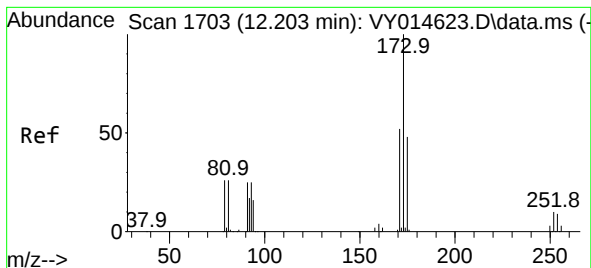
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#70
Styrene
Concen: 50.422 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

Tgt Ion:104 Resp: 574147
Ion Ratio Lower Upper
104 100
78 51.6 41.5 62.3
103 54.3 44.6 67.0





#71

Bromoform

Concen: 50.398 ug/l

RT: 12.203 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VY014628.D

Acq: 13 Jul 2023 15:11

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY071323

Tgt Ion:173 Resp: 129629

Ion Ratio Lower Upper

173 100

175 48.3 24.6 73.8

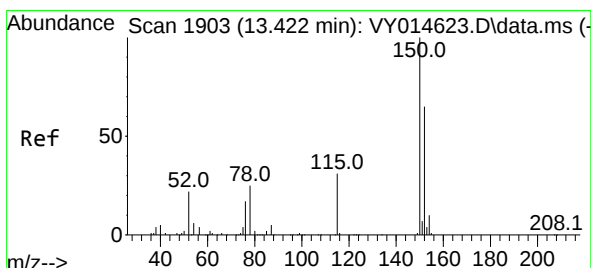
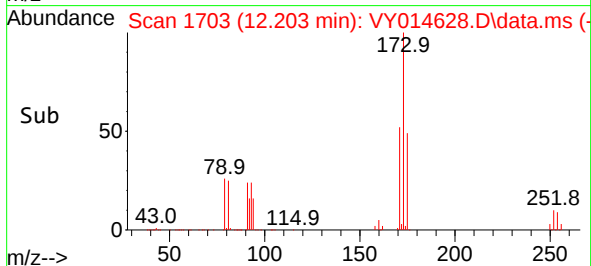
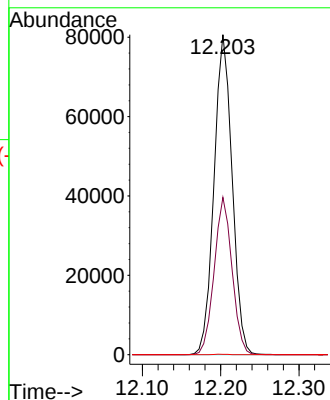
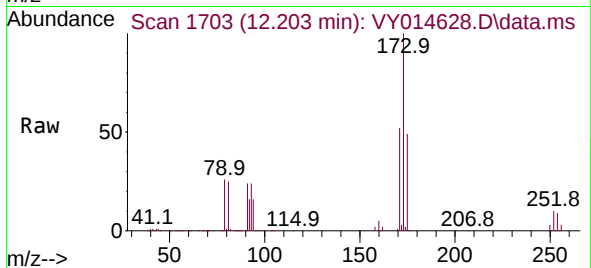
254 0.1 0.2 0.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014628.D

Acq: 13 Jul 2023 15:11

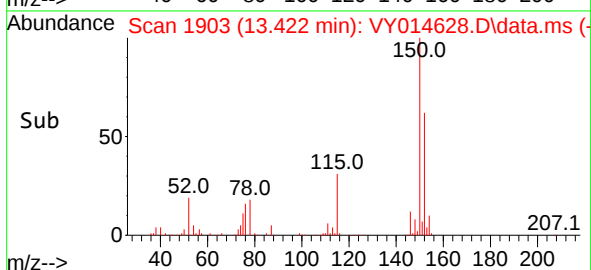
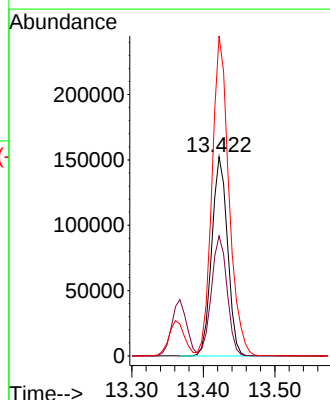
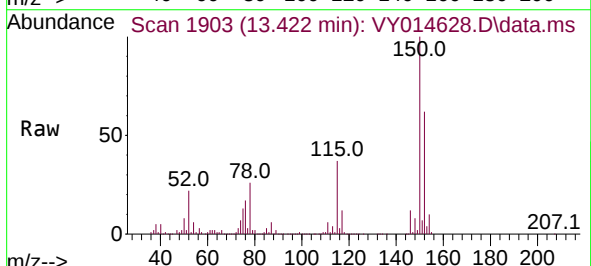
Tgt Ion:152 Resp: 232652

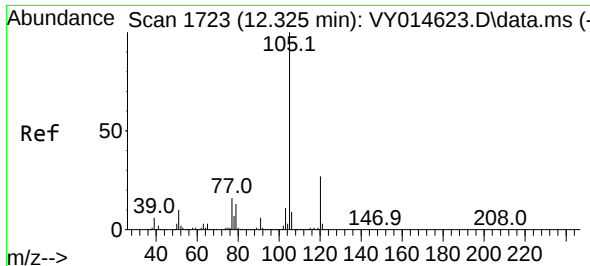
Ion Ratio Lower Upper

152 100

115 60.0 28.8 86.5

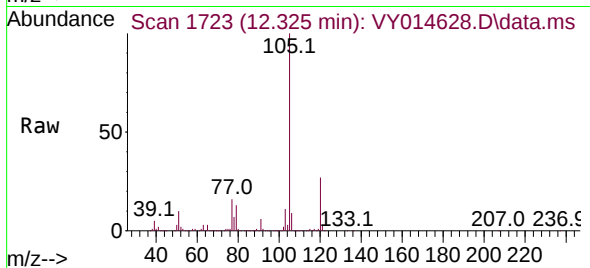
150 173.3 0.0 348.8





#73
Isopropylbenzene
Concen: 49.498 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

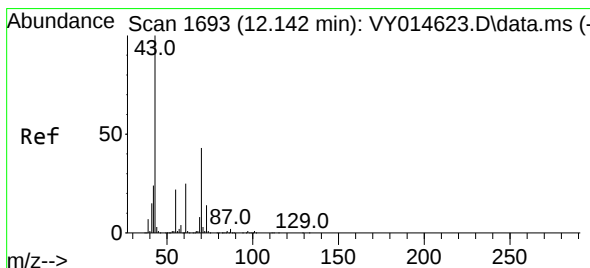
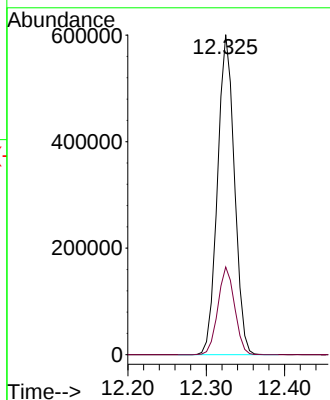
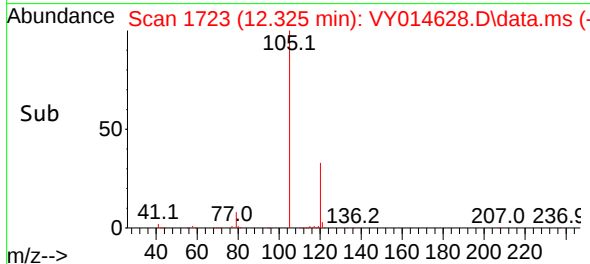
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY071323



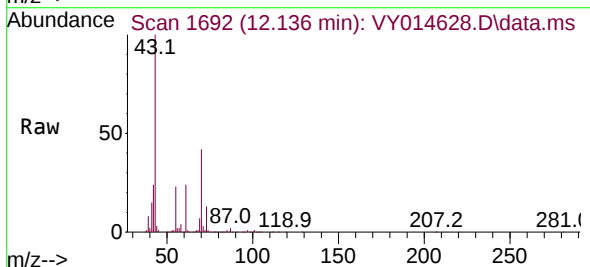
Tgt Ion: 105 Resp: 901694
Ion Ratio Lower Upper
105 100
120 27.0 13.3 39.9

Manual Integrations
APPROVED

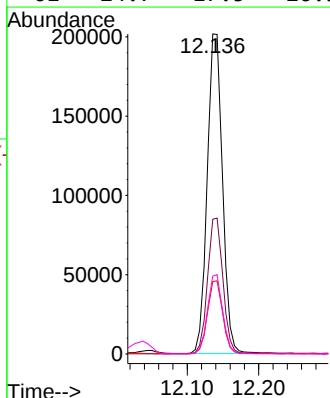
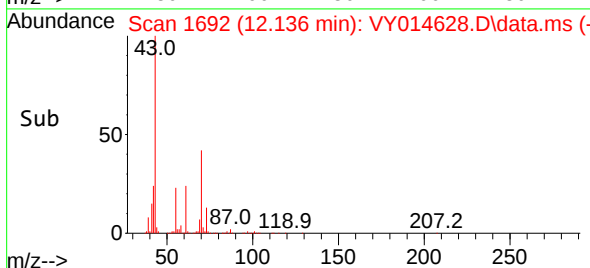
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

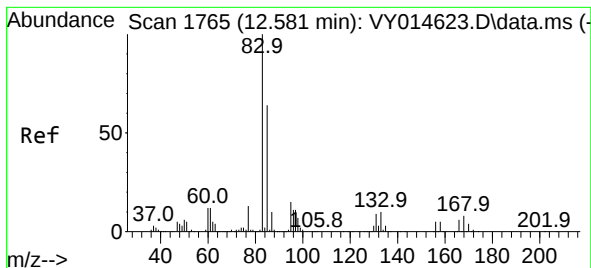


#74
N-ethyl acetate
Concen: 49.128 ug/l
RT: 12.136 min Scan# 1692
Delta R.T. -0.006 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11



Tgt Ion: 43 Resp: 299735
Ion Ratio Lower Upper
43 100
70 42.7 29.7 44.5
55 22.8 18.3 27.5
61 24.7 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 48.734 ug/l

RT: 12.575 min Scan# 1764

Delta R.T. -0.006 min

Lab File: VY014628.D

Acq: 13 Jul 2023 15:11

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY071323

Tgt Ion: 83 Resp: 20245

Ion Ratio Lower Upper

83 100

131 10.8 5.4 16.2

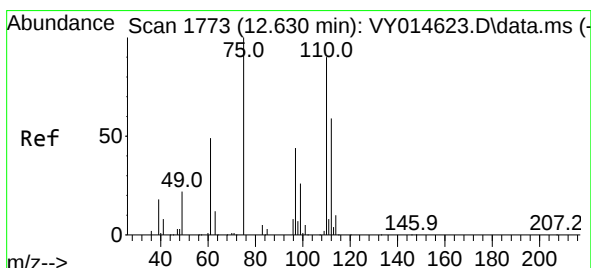
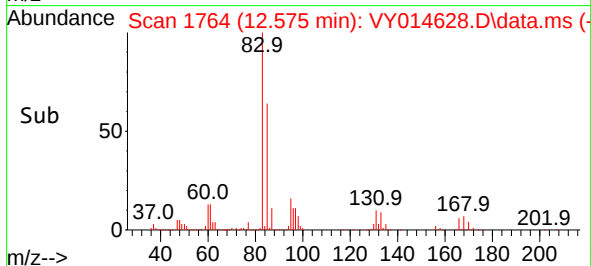
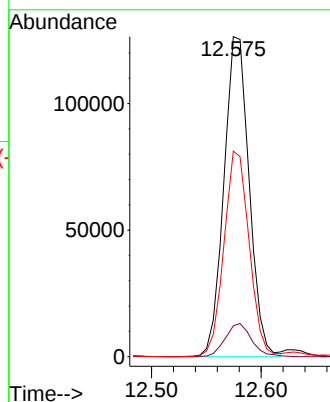
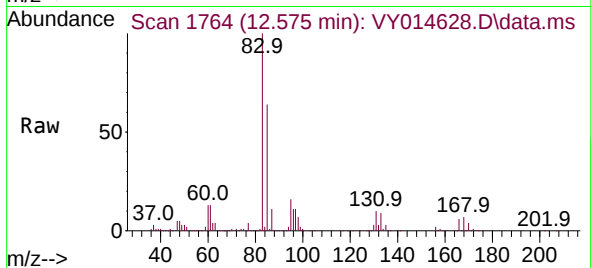
85 64.2 31.8 95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#76

1,2,3-Trichloropropane

Concen: 45.340 ug/l m

RT: 12.630 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY014628.D

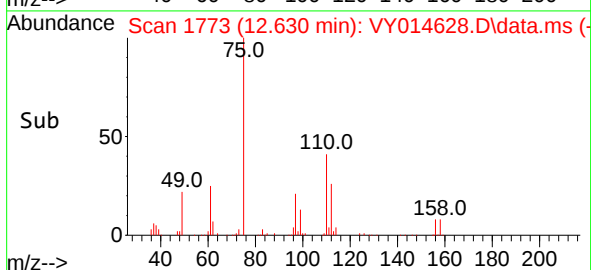
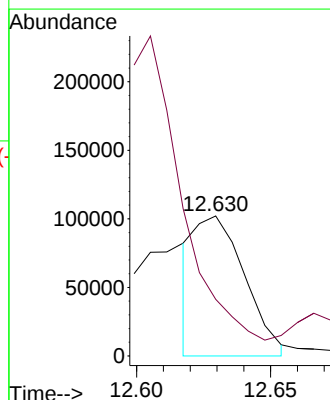
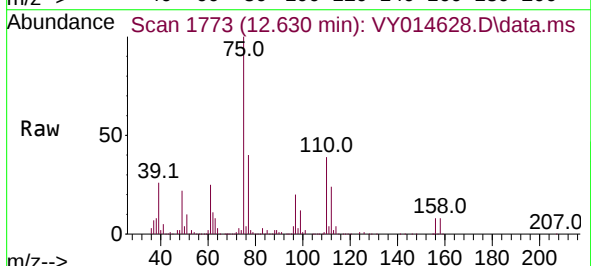
Acq: 13 Jul 2023 15:11

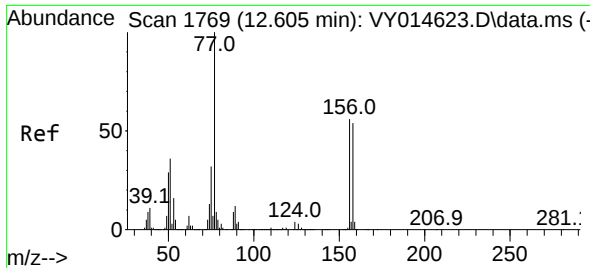
Tgt Ion: 75 Resp: 133224

Ion Ratio Lower Upper

75 100

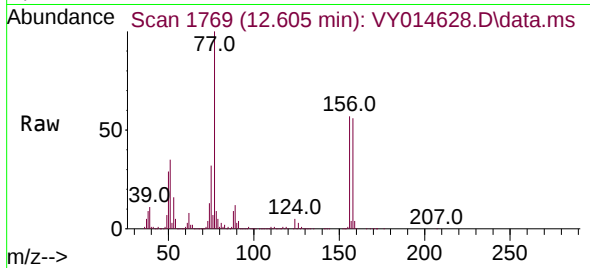
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 50.061 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

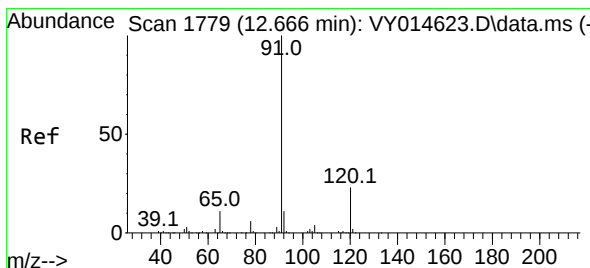
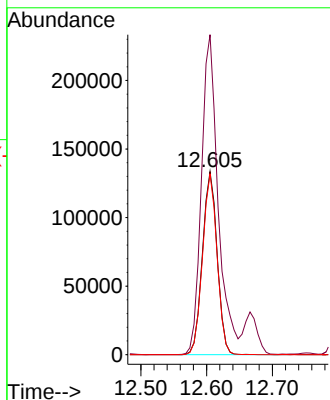
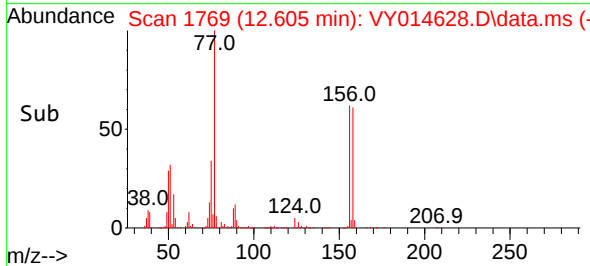
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY071323



Tgt Ion:156 Resp: 20816
Ion Ratio Lower Upper
156 100
77 197.9 92.8 278.6
158 97.5 48.4 145.3

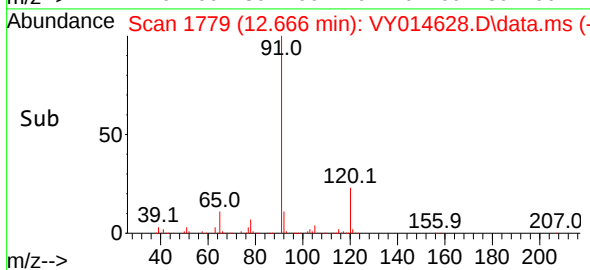
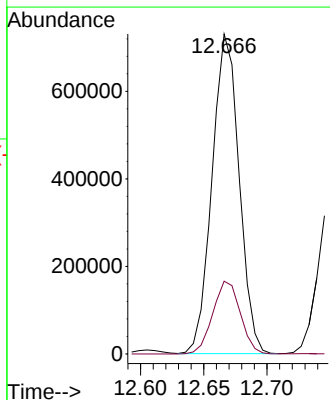
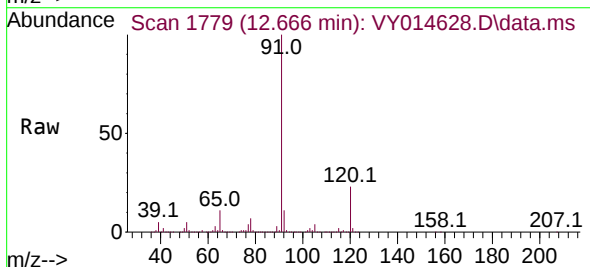
Manual Integrations
APPROVED

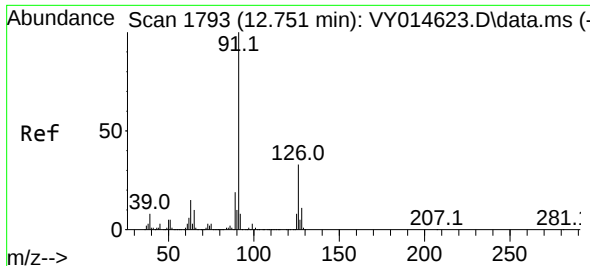
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#78
n-propylbenzene
Concen: 49.489 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

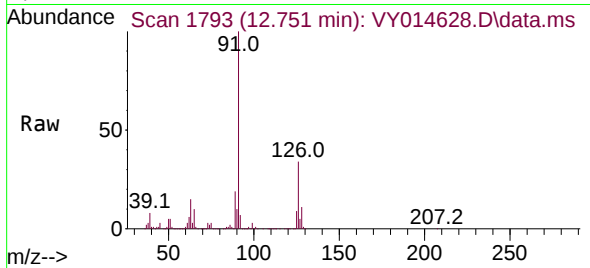
Tgt Ion: 91 Resp: 1086342
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.4





#79
2-Chlorotoluene
Concen: 49.462 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

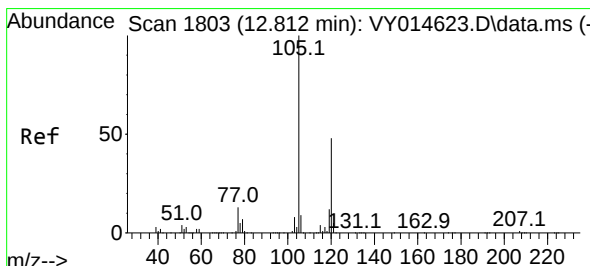
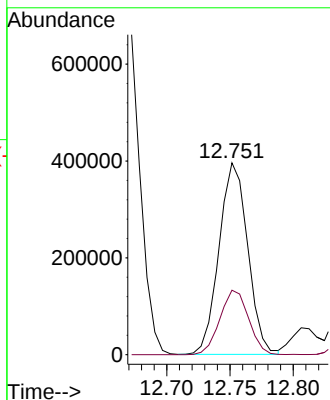
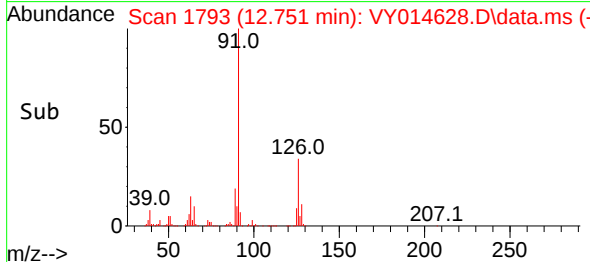
Instrument :
MSVOA_Y
ClientSampleId :
ICVY071323



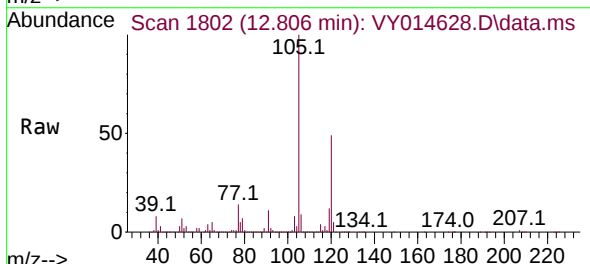
Tgt Ion: 91 Resp: 625370
Ion Ratio Lower Upper
91 100
126 33.7 17.3 51.7

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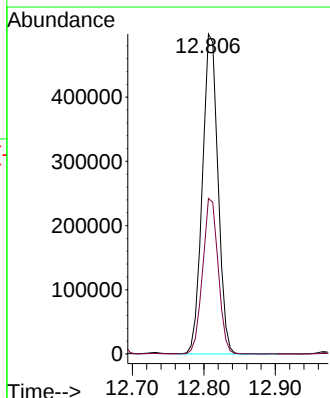
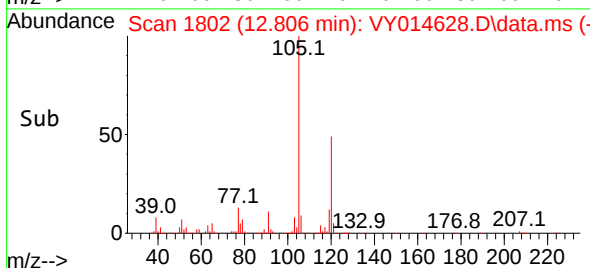
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

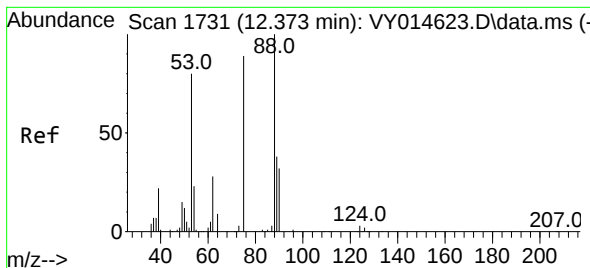


#80
1,3,5-Trimethylbenzene
Concen: 49.654 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11



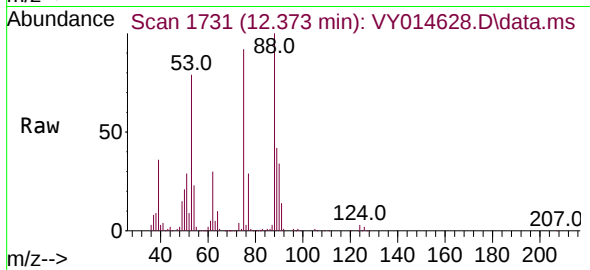
Tgt Ion:105 Resp: 755413
Ion Ratio Lower Upper
105 100
120 48.5 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 49.517 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

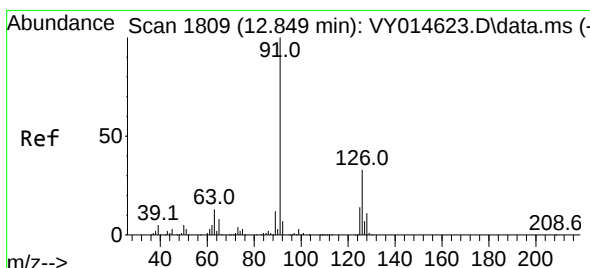
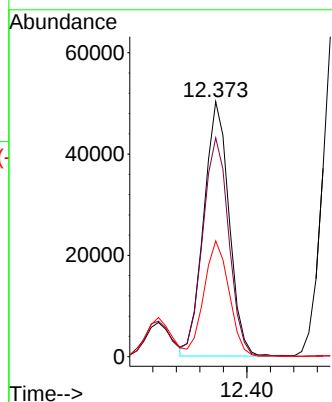
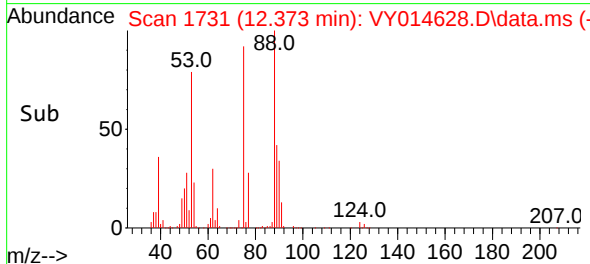
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY071323



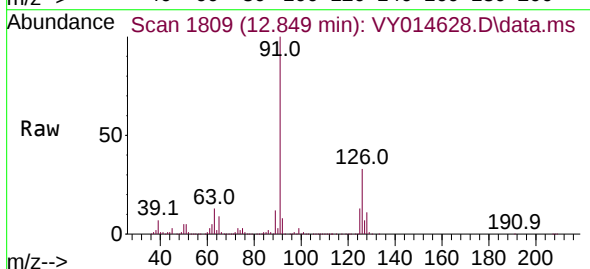
Tgt Ion: 75 Resp: 7514
Ion Ratio Lower Upper
75 100
53 88.0 77.8 116.8
89 45.3 37.4 56.0

Manual Integrations
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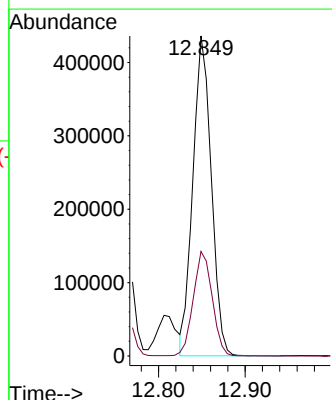
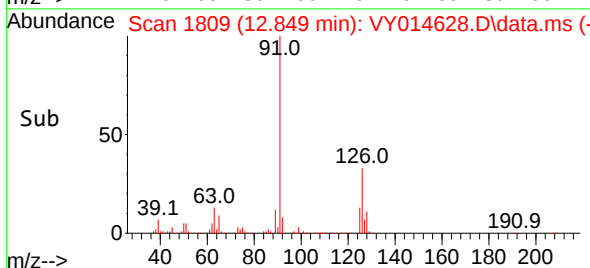
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

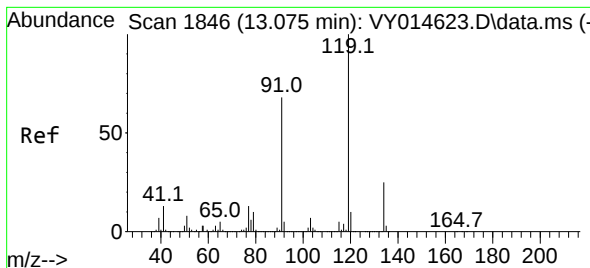


#82
4-Chlorotoluene
Concen: 49.419 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11



Tgt Ion: 91 Resp: 643515
Ion Ratio Lower Upper
91 100
126 33.7 17.2 51.6





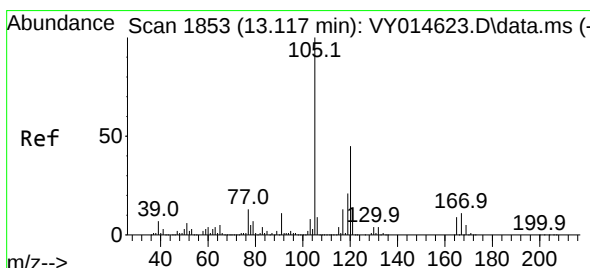
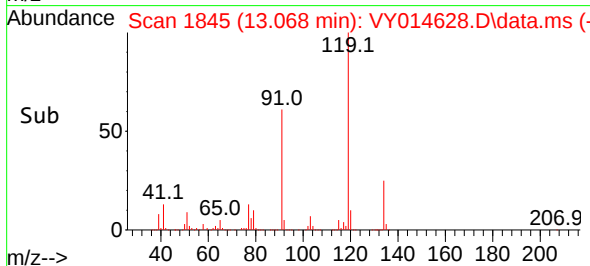
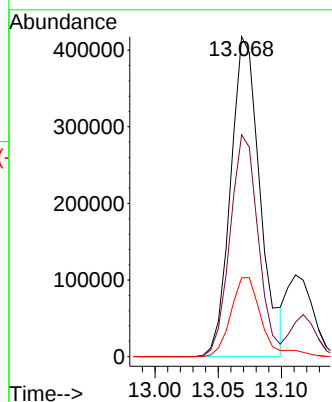
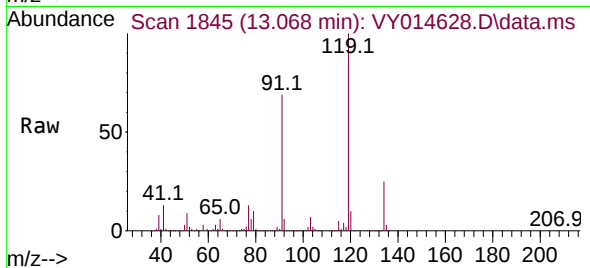
#83
tert-Butylbenzene
Concen: 49.928 ug/l
RT: 13.068 min Scan# 1845
Delta R.T. -0.007 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY071323

Tgt Ion:119 Resp: 67380
Ion Ratio Lower Upper
119 100
91 66.5 32.9 98.6
134 26.0 13.0 38.9

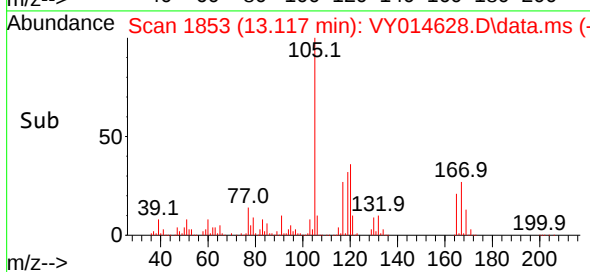
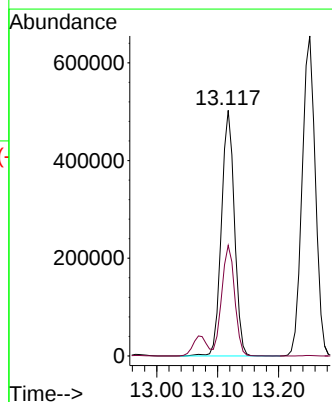
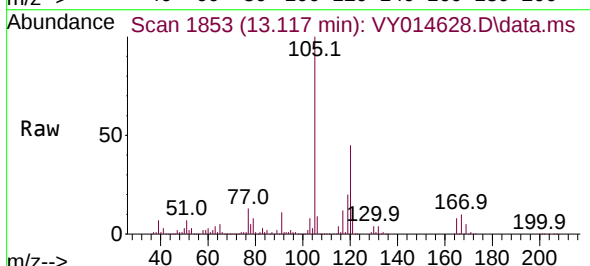
Manual Integrations
APPROVED

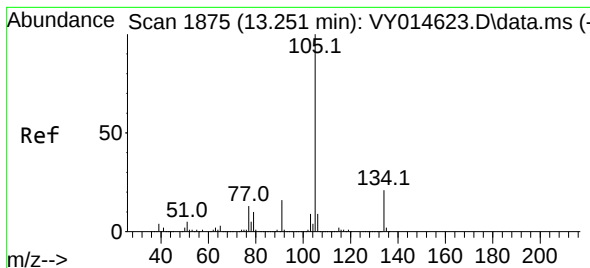
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#84
1,2,4-Trimethylbenzene
Concen: 49.771 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

Tgt Ion:105 Resp: 743106
Ion Ratio Lower Upper
105 100
120 44.7 22.2 66.6





#85

sec-Butylbenzene

Concen: 49.821 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY014628.D

Acq: 13 Jul 2023 15:11

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY071323

Tgt Ion:105 Resp: 98631

Ion Ratio Lower Upper

105 100

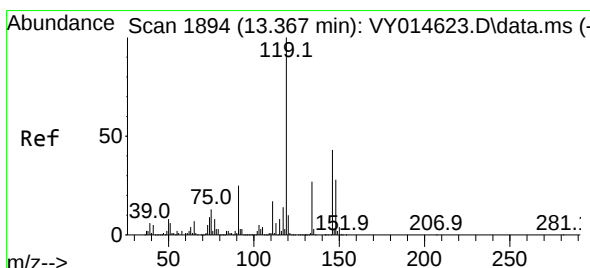
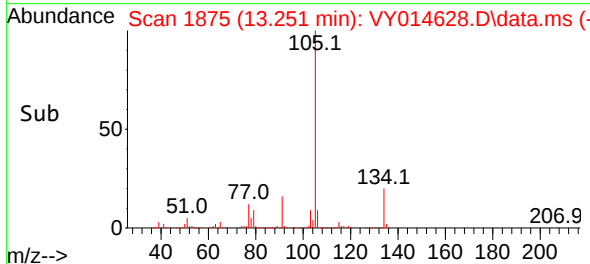
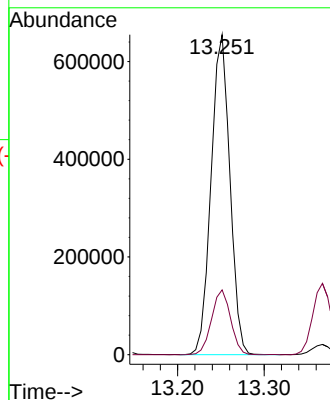
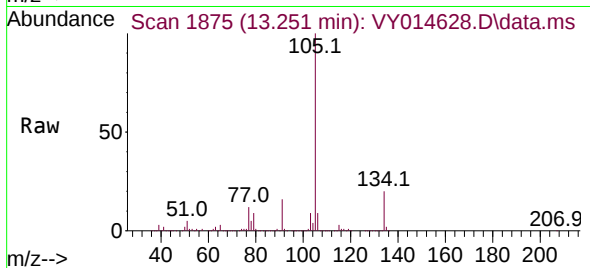
134 20.4 10.2 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#86

p-Isopropyltoluene

Concen: 50.483 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY014628.D

Acq: 13 Jul 2023 15:11

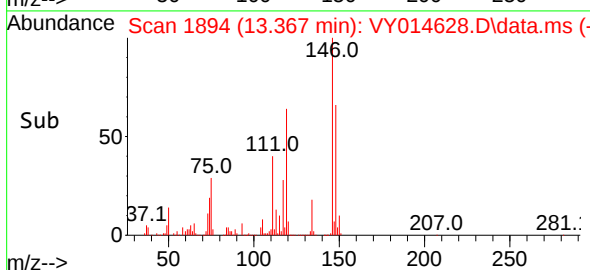
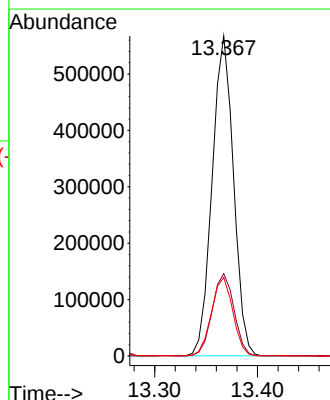
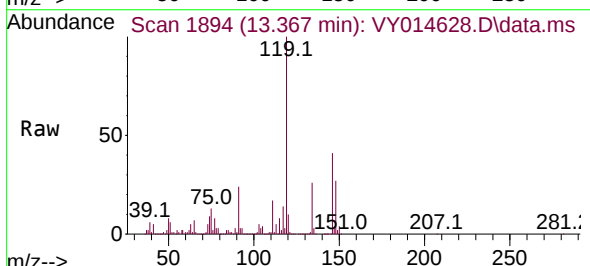
Tgt Ion:119 Resp: 815985

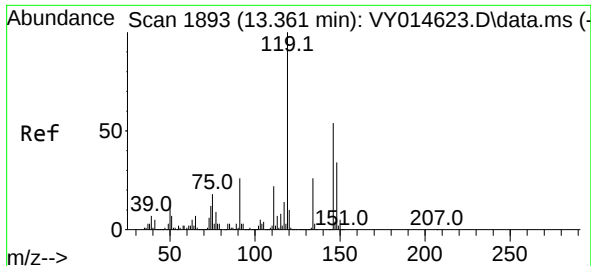
Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

91 24.5 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 49.972 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VY014628.D

Acq: 13 Jul 2023 15:11

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY071323

Tgt Ion:146 Resp: 404430

Ion Ratio Lower Upper

146 100

111 41.5 19.4 58.2

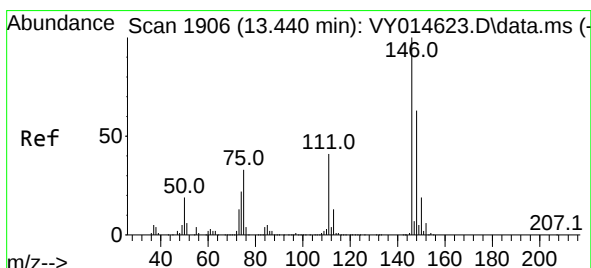
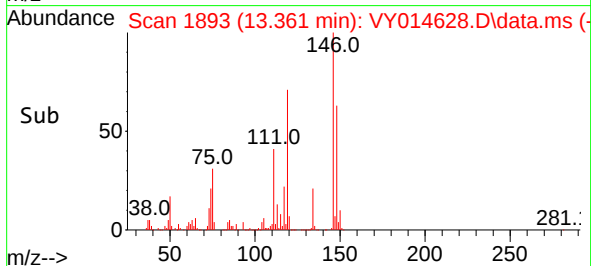
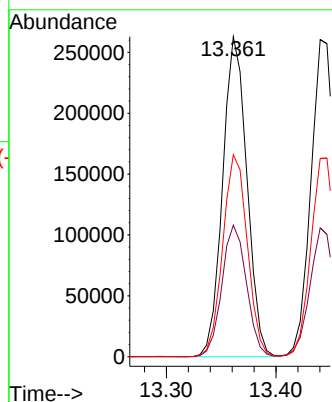
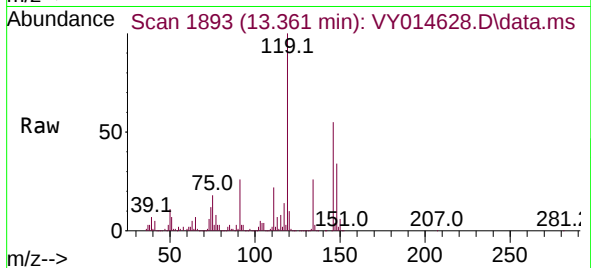
148 63.9 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#88

1,4-Dichlorobenzene

Concen: 50.219 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY014628.D

Acq: 13 Jul 2023 15:11

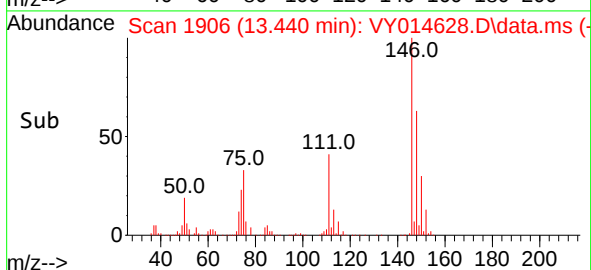
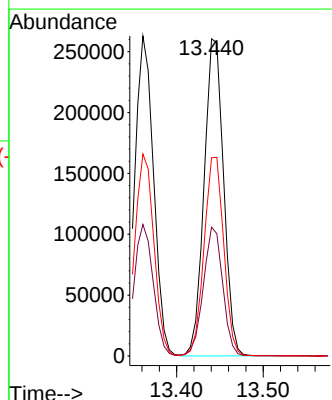
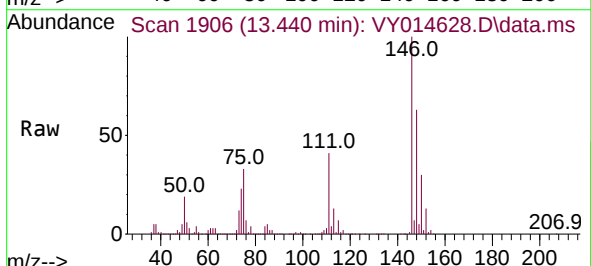
Tgt Ion:146 Resp: 407268

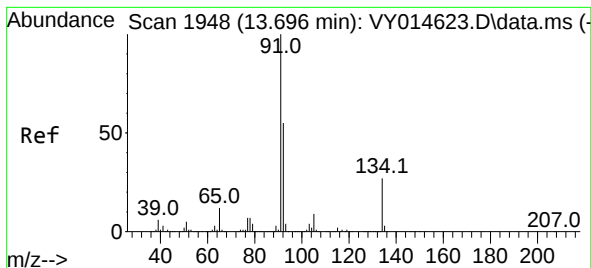
Ion Ratio Lower Upper

146 100

111 40.3 18.9 56.7

148 63.5 32.1 96.5





#89

n-Butylbenzene

Concen: 50.112 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY014628.D

Acq: 13 Jul 2023 15:11

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY071323

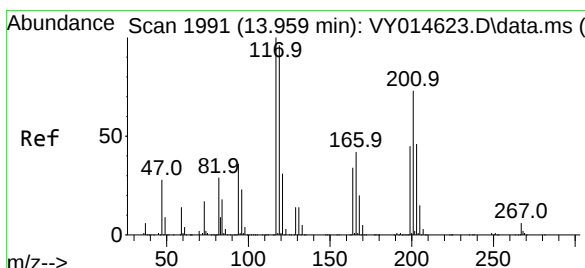
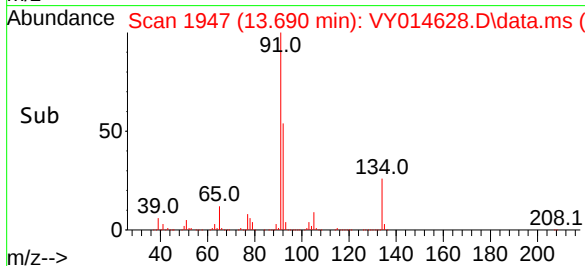
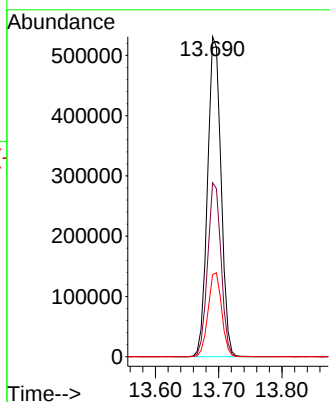
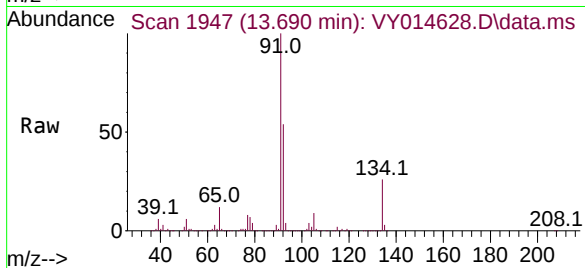
Tgt Ion: 91	Resp: 78804
Ion Ratio	Lower Upper
91	100
92	54.1 25.4 76.0
134	26.4 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#90

Hexachloroethane

Concen: 49.714 ug/l

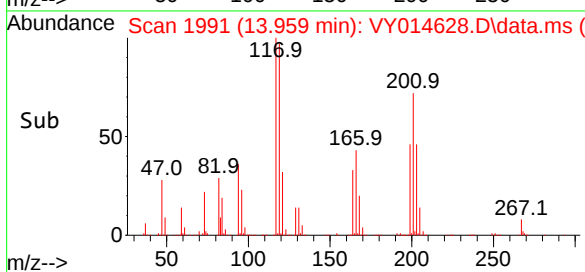
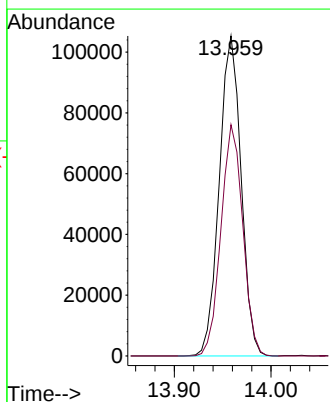
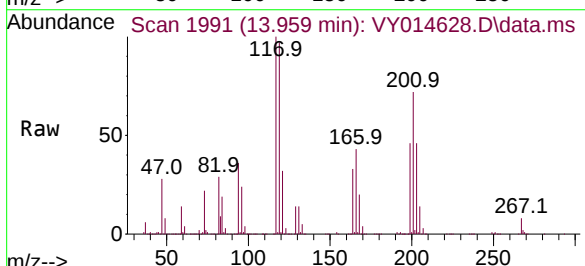
RT: 13.959 min Scan# 1991

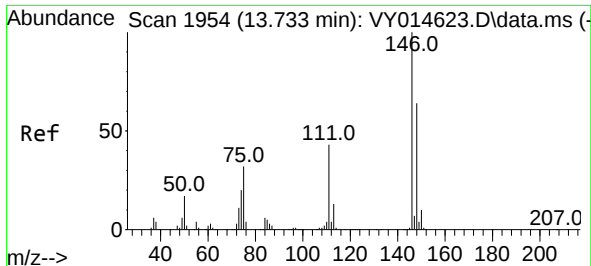
Delta R.T. -0.000 min

Lab File: VY014628.D

Acq: 13 Jul 2023 15:11

Tgt Ion: 117	Resp: 165051
Ion Ratio	Lower Upper
117	100
201	72.2 41.6 124.8





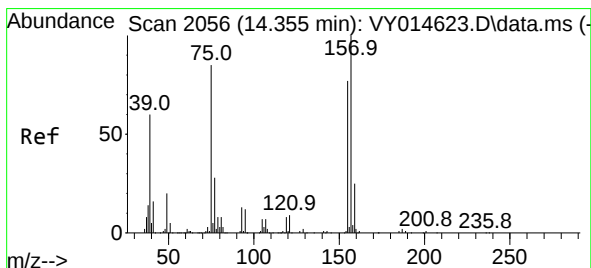
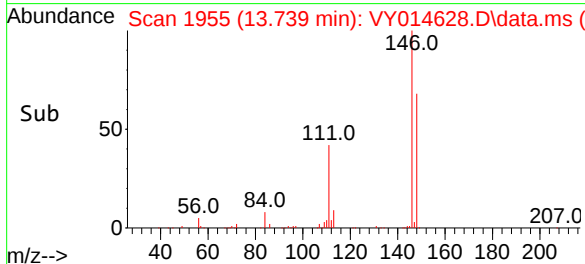
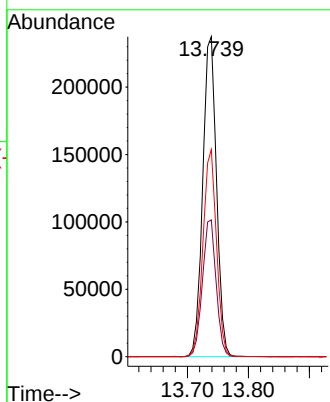
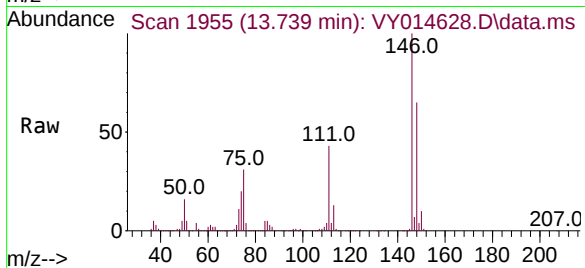
#91
1,2-Dichlorobenzene
Concen: 50.261 ug/l
RT: 13.739 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY071323

Tgt Ion:146 Resp: 37267
Ion Ratio Lower Upper
146 100
111 42.7 19.7 59.0
148 63.7 32.0 96.2

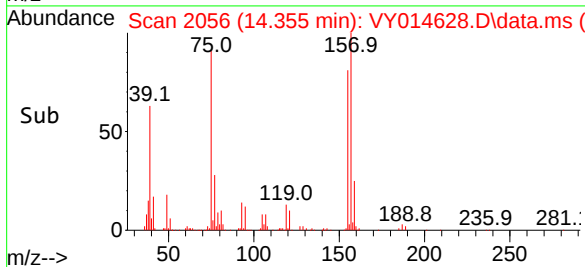
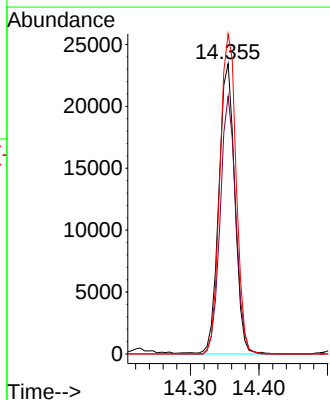
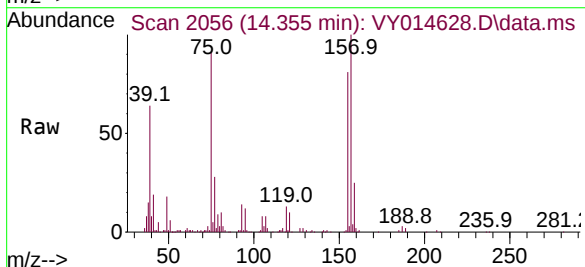
Manual Integrations
APPROVED

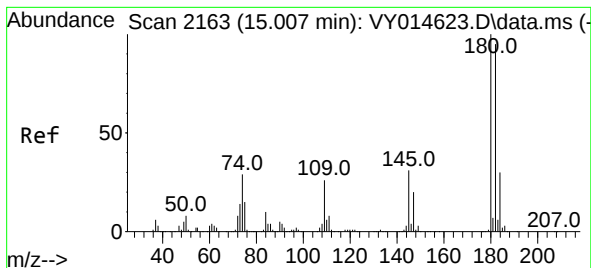
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.634 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014628.D
Acq: 13 Jul 2023 15:11

Tgt Ion: 75 Resp: 37843
Ion Ratio Lower Upper
75 100
155 86.4 41.5 124.6
157 111.9 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 51.193 ug/l

RT: 15.001 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY014628.D

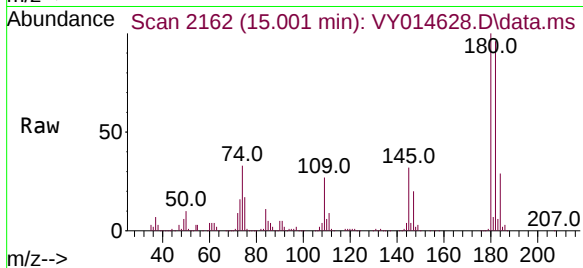
Acq: 13 Jul 2023 15:11

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY071323



Tgt Ion:180 Resp: 24095

Ion Ratio Lower Upper

180 100

182 94.7 47.0 141.2

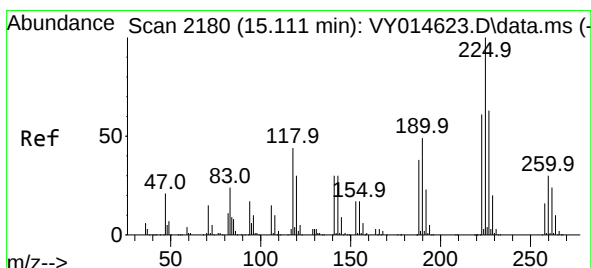
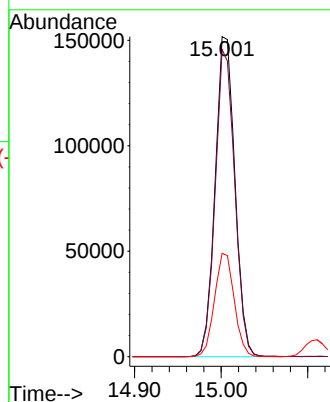
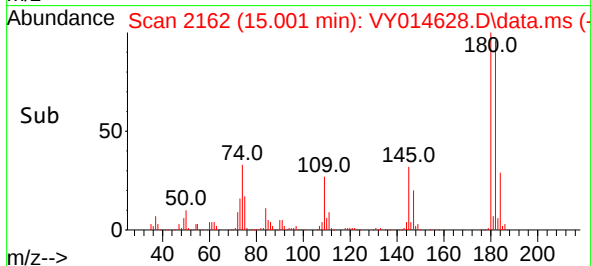
145 32.2 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#94

Hexachlorobutadiene

Concen: 51.119 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014628.D

Acq: 13 Jul 2023 15:11

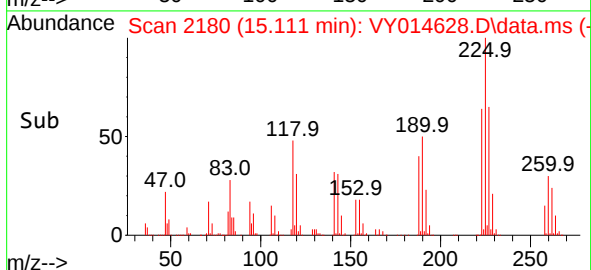
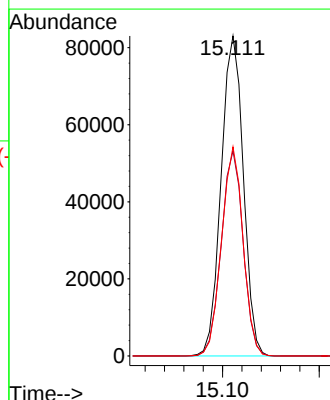
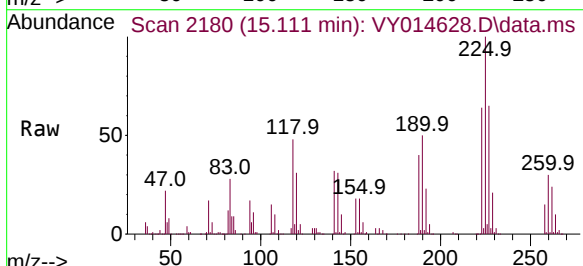
Tgt Ion:225 Resp: 132225

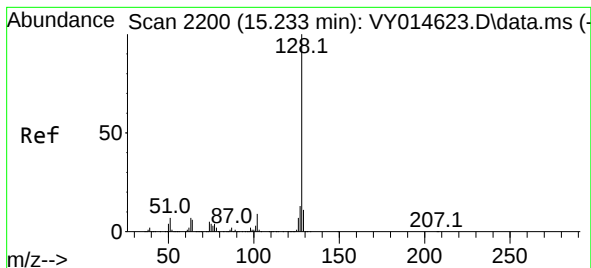
Ion Ratio Lower Upper

225 100

223 62.9 31.9 95.9

227 63.3 33.0 98.9





#95

Naphthalene

Concen: 49.992 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY014628.D

Acq: 13 Jul 2023 15:11

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY071323

Tgt Ion:128 Resp: 548200

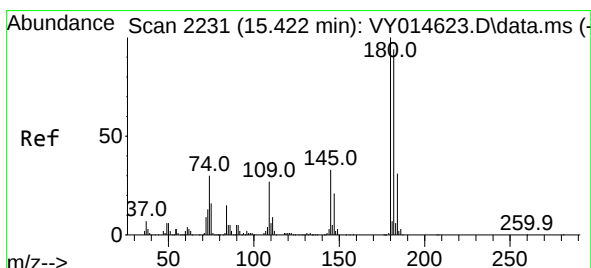
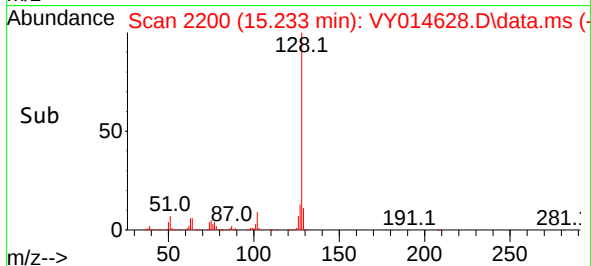
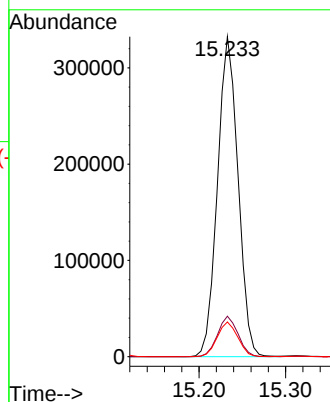
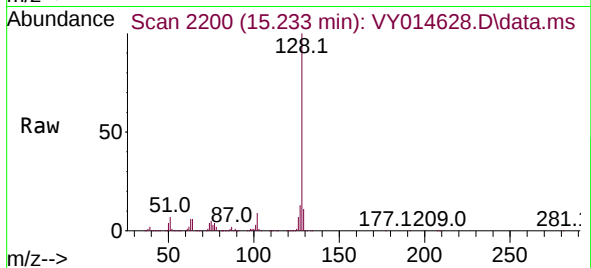
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.8	16.2
129	10.9	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#96

1,2,3-Trichlorobenzene

Concen: 50.895 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY014628.D

Acq: 13 Jul 2023 15:11

Tgt Ion:180 Resp: 212903

Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.3	141.8
145	34.1	15.4	46.2

