

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071823\
 Data File : VY014691.D
 Acq On : 18 Jul 2023 10:48
 Operator : SY/MD
 Sample : VY0718SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0718SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/19/2023
 Supervised By : Mahesh Dadoda 07/19/2023

Quant Time: Jul 19 04:00:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	263324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	429140	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	377618	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	195036	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	147631	49.199	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.400%		
35) Dibromofluoromethane	7.716	113	135651	49.656	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.320%		
50) Toluene-d8	10.179	98	494653	49.114	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.220%		
62) 4-Bromofluorobenzene	12.477	95	187808	48.632	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	97.260%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	47445	22.115	ug/l	98
3) Chloromethane	2.107	50	58677	24.331	ug/l	97
4) Vinyl Chloride	2.247	62	64818	24.050	ug/l	97
5) Bromomethane	2.625	94	43627	24.494	ug/l	95
6) Chloroethane	2.784	64	40121	23.832	ug/l	96
7) Trichlorofluoromethane	3.113	101	93852	20.734	ug/l	99
8) Diethyl Ether	3.521	74	34092	20.242	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.887	101	54891	19.784	ug/l	96
10) Methyl Iodide	4.082	142	53831	19.805	ug/l	97
11) Tert butyl alcohol	4.948	59	93666	141.430	ug/l #	92
12) 1,1-Dichloroethene	3.863	96	51642	19.915	ug/l	92
13) Acrolein	3.723	56	28800	91.828	ug/l	99
14) Allyl chloride	4.472	41	83873	18.217	ug/l	97
15) Acrylonitrile	5.155	53	100979	108.729	ug/l	99
16) Acetone	3.948	43	95026	99.935	ug/l	93
17) Carbon Disulfide	4.186	76	143712	19.358	ug/l	98
18) Methyl Acetate	4.472	43	81029	22.206	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	169032	20.067	ug/l	99
20) Methylene Chloride	4.710	84	66540	18.916	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	57225	19.446	ug/l	96
22) Diisopropyl ether	6.119	45	175521	18.751	ug/l	93
23) Vinyl Acetate	6.058	43	548273	97.877	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	101557	18.961	ug/l	96
25) 2-Butanone	6.984	43	151879	109.177	ug/l	94
26) 2,2-Dichloropropane	6.978	77	100330	19.655	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	67417	19.682	ug/l	97
28) Bromochloromethane	7.332	49	45989	19.937	ug/l	90
29) Tetrahydrofuran	7.344	42	96586	112.756	ug/l	92
30) Chloroform	7.502	83	106852	19.346	ug/l	95
31) Cyclohexane	7.783	56	93290	18.729	ug/l	89
32) 1,1,1-Trichloroethane	7.697	97	97536	19.621	ug/l	99
36) 1,1-Dichloropropene	7.911	75	82004	20.073	ug/l	99
37) Ethyl Acetate	7.070	43	61895	22.005	ug/l #	94
38) Carbon Tetrachloride	7.899	117	86927	20.129	ug/l	100
39) Methylcyclohexane	9.179	83	103515	19.449	ug/l	94
40) Benzene	8.155	78	228439	19.661	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	32119m	22.201	ug/l	
42) 1,2-Dichloroethane	8.234	62	74526	20.255	ug/l	94
43) Isopropyl Acetate	8.271	43	112222	20.945	ug/l	97
44) Trichloroethene	8.935	130	65140	20.038	ug/l	97
45) 1,2-Dichloropropane	9.216	63	58583	19.309	ug/l	99
46) Dibromomethane	9.301	93	37639	20.450	ug/l	96
47) Bromodichloromethane	9.496	83	84622	19.507	ug/l	100
48) Methyl methacrylate	9.289	41	49070	20.353	ug/l	91
49) 1,4-Dioxane	9.295	88	13962	465.217	ug/l #	53
51) 4-Methyl-2-Pentanone	10.069	43	313622	111.483	ug/l	94
52) Toluene	10.240	92	147242	19.804	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	92440	19.481	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	99924	19.365	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	52428	20.449	ug/l	96
56) Ethyl methacrylate	10.508	69	82009	20.950	ug/l	89
57) 1,3-Dichloropropane	10.788	76	89665	20.277	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	189029	103.637	ug/l	92
59) 2-Hexanone	10.831	43	229649	111.940	ug/l	92
60) Dibromochloromethane	10.983	129	64459	20.506	ug/l	99
61) 1,2-Dibromoethane	11.087	107	53851	21.055	ug/l	99
64) Tetrachloroethene	10.715	164	63987	21.069	ug/l	98
65) Chlorobenzene	11.514	112	161340	20.050	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	61217	20.177	ug/l	99
67) Ethyl Benzene	11.587	91	287447	19.785	ug/l	99
68) m/p-Xylenes	11.697	106	225597	40.677	ug/l	95
69) o-Xylene	12.026	106	109737	20.315	ug/l	99
70) Styrene	12.044	104	185546	20.380	ug/l	98
71) Bromoform	12.203	173	44150	21.468	ug/l #	100
73) Isopropylbenzene	12.325	105	290072	18.994	ug/l	100
74) N-amyl acetate	12.142	43	101410	19.827	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	70903	20.359	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	50897m	20.663	ug/l	
77) Bromobenzene	12.605	156	67605	19.394	ug/l	94
78) n-propylbenzene	12.666	91	347718	18.895	ug/l	100
79) 2-Chlorotoluene	12.751	91	198195	18.699	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	242229	18.993	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	25398	19.963	ug/l	94
82) 4-Chlorotoluene	12.849	91	203339	18.627	ug/l	100
83) tert-Butylbenzene	13.075	119	214826	18.988	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	240028	19.177	ug/l	99
85) sec-Butylbenzene	13.251	105	320136	19.290	ug/l	100
86) p-Isopropyltoluene	13.367	119	263966	19.481	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	133871	19.732	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	134254	19.747	ug/l	98
89) n-Butylbenzene	13.696	91	250645	19.013	ug/l	96
90) Hexachloroethane	13.959	117	51832	18.623	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	122893	19.771	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14051	21.098	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	79475	20.141	ug/l	99
94) Hexachlorobutadiene	15.111	225	42717	19.700	ug/l	97
95) Naphthalene	15.233	128	194867	21.198	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	71607	20.419	ug/l	99

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

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



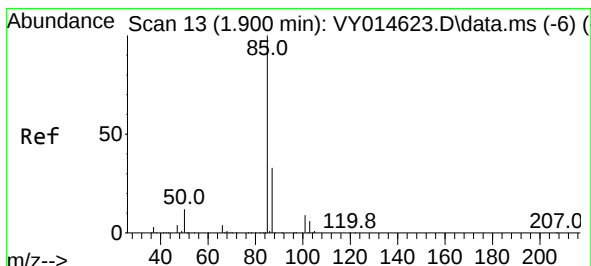
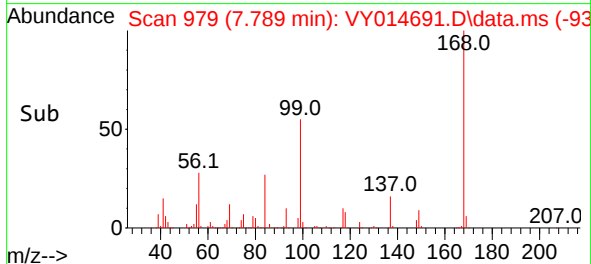
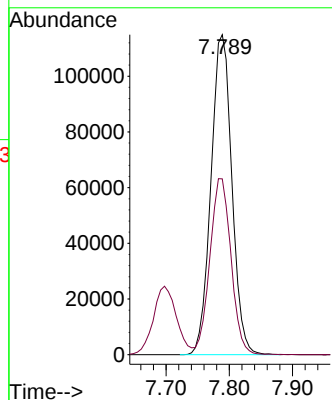
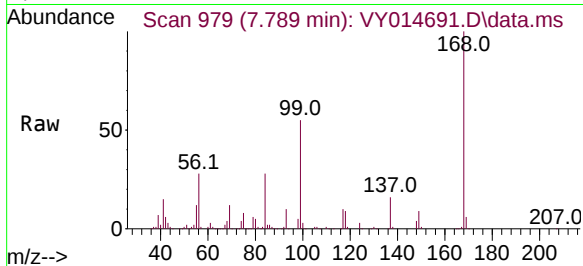
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

Tgt Ion:168 Resp: 263324
Ion Ratio Lower Upper
168 100
99 54.9 43.4 65.0

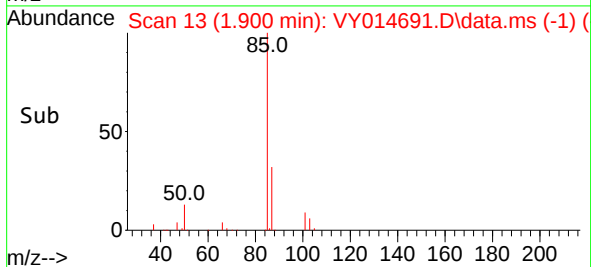
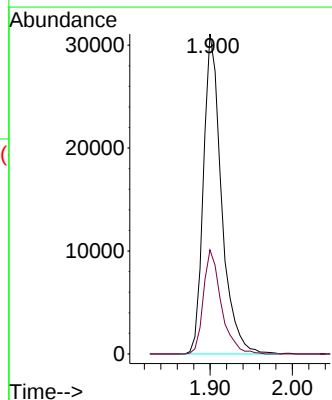
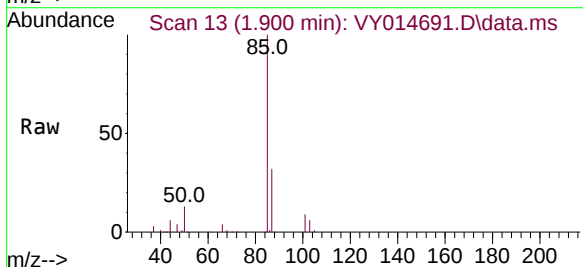
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#2
Dichlorodifluoromethane
Concen: 22.115 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

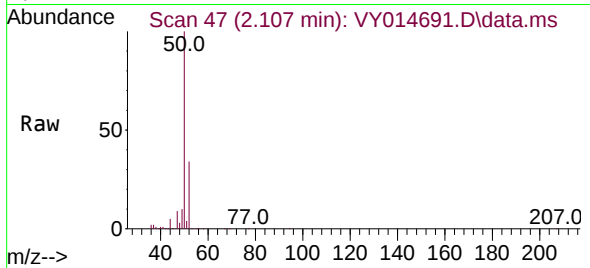
Tgt Ion: 85 Resp: 47445
Ion Ratio Lower Upper
85 100
87 32.5 15.6 46.8





#3
Chloromethane
Concen: 24.331 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

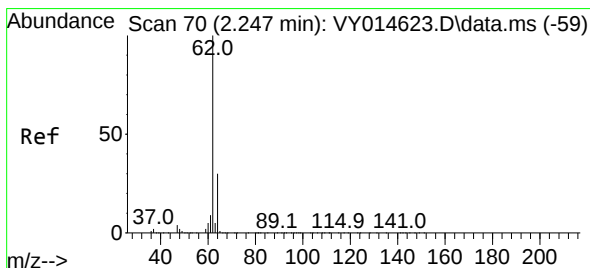
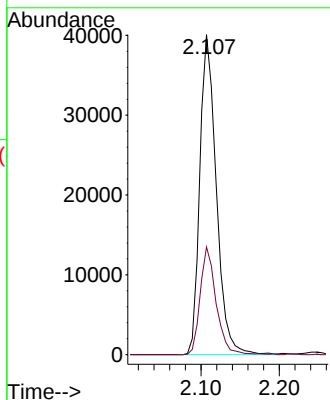
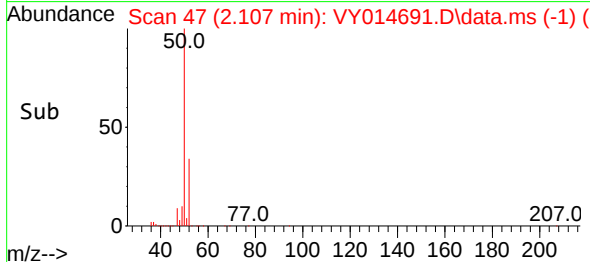
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBSD01



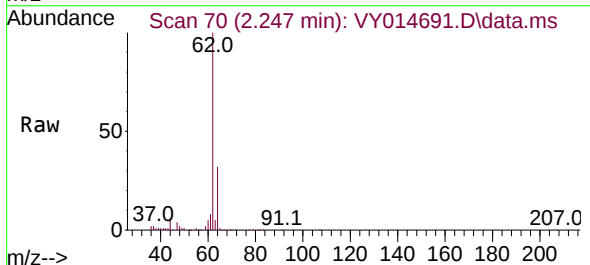
Tgt Ion: 50 Resp: 5867
Ion Ratio Lower Upper
50 100
52 33.6 25.4 38.2

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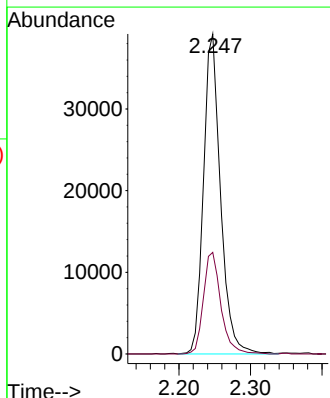
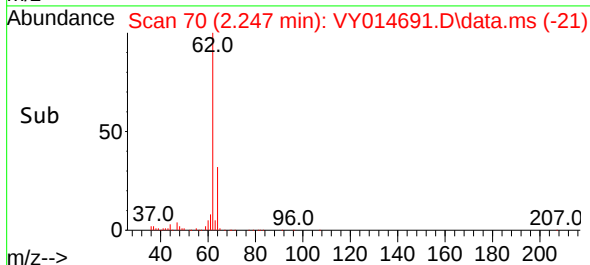
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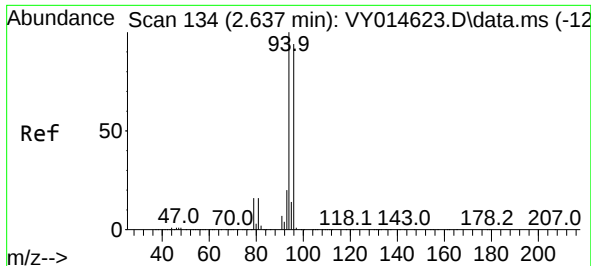


#4
Vinyl Chloride
Concen: 24.050 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48



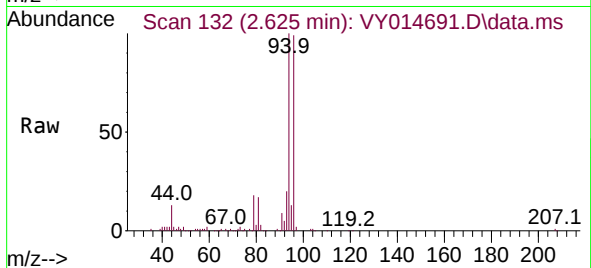
Tgt Ion: 62 Resp: 64818
Ion Ratio Lower Upper
62 100
64 31.8 24.3 36.5





#5
Bromomethane
Concen: 24.494 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

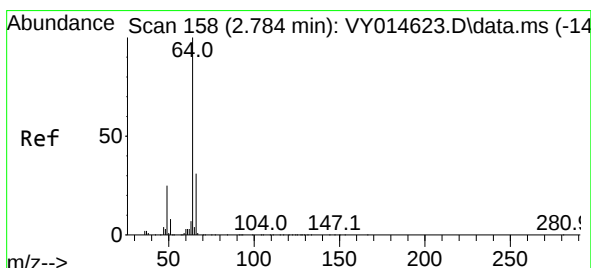
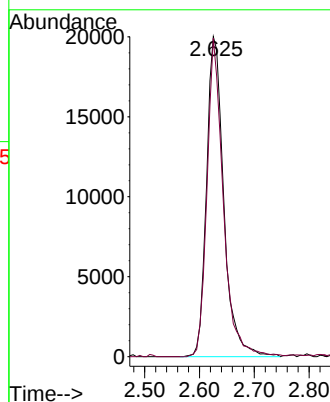
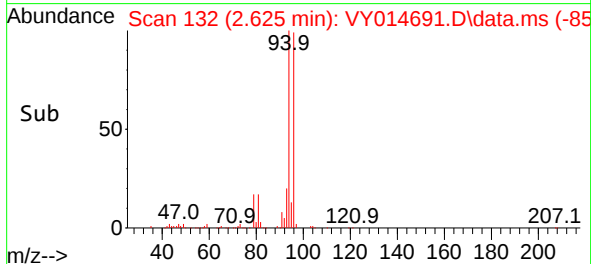
Instrument :
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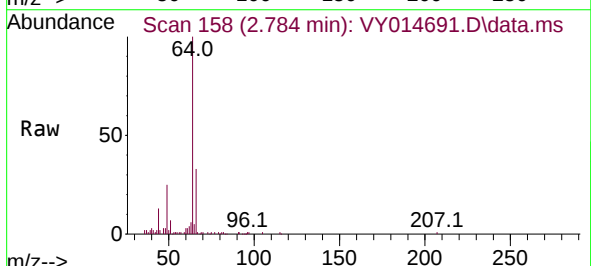
Tgt Ion: 94 Resp: 4362
Ion Ratio Lower Upper
94 100
96 99.5 75.8 113.6

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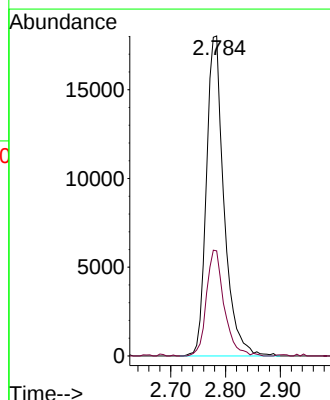
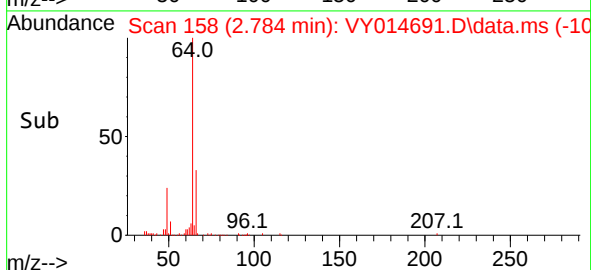
Reviewed By :John Carlone 07/19/2023
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#6
Chloroethane
Concen: 23.832 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY014691.D
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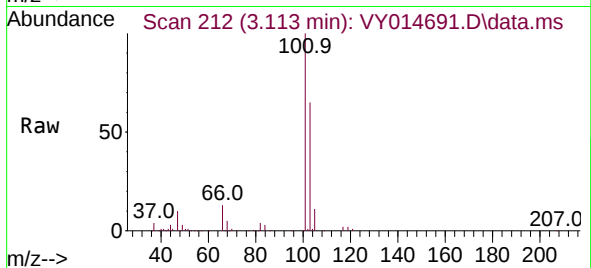
Tgt Ion: 64 Resp: 40121
Ion Ratio Lower Upper
64 100
66 32.9 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 20.734 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VY014691.D
 Acq: 18 Jul 2023 10:48

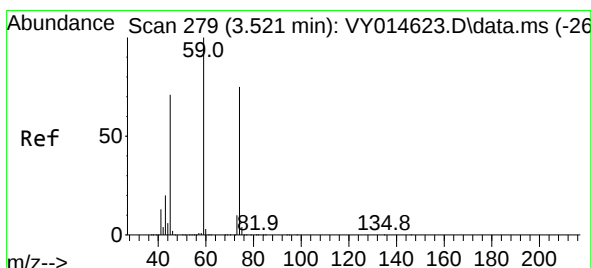
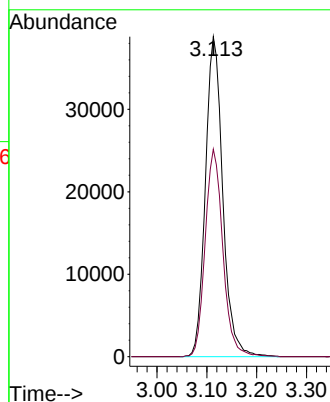
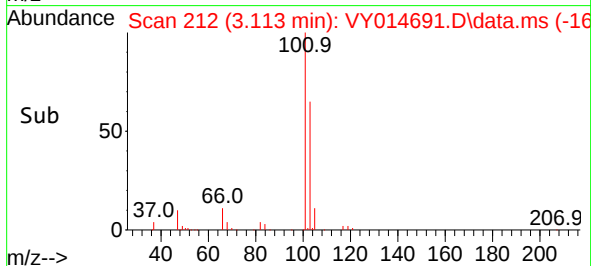
Instrument :
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Tgt Ion: 101 Resp: 93852
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.4 77.0

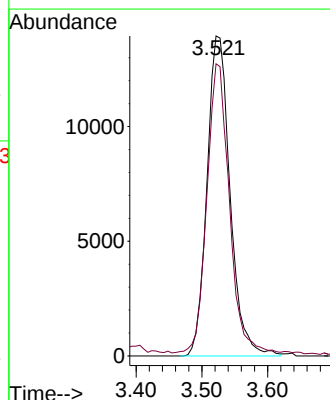
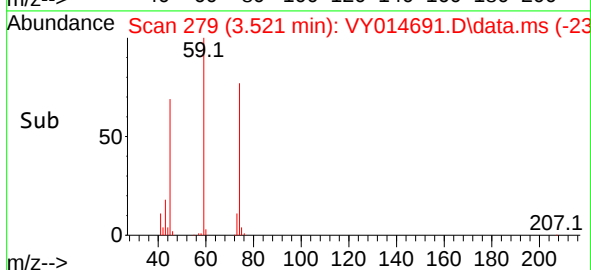
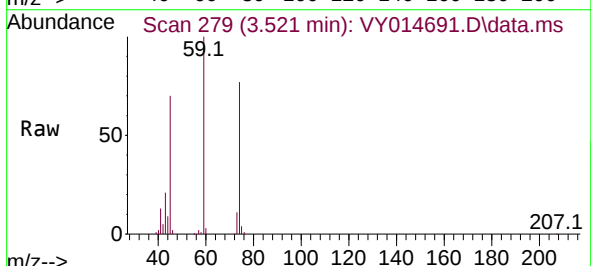
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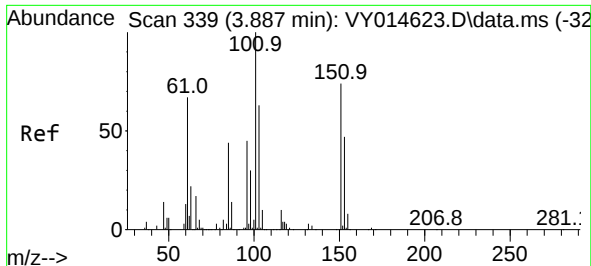
Reviewed By : John Carlone 07/19/2023
 Supervised By : Mahesh Dadoda 07/19/2023



#8
 Diethyl Ether
 Concen: 20.242 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VY014691.D
 Acq: 18 Jul 2023 10:48

Tgt Ion: 74 Resp: 34092
 Ion Ratio Lower Upper
 74 100
 45 87.2 51.5 154.5





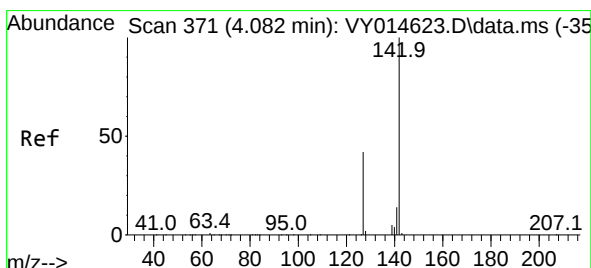
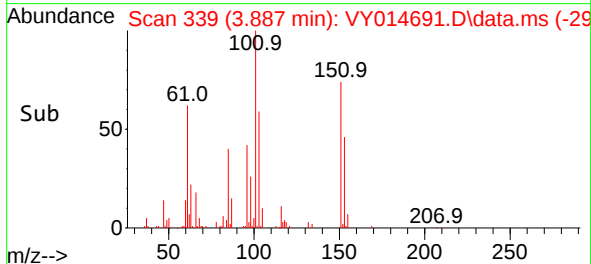
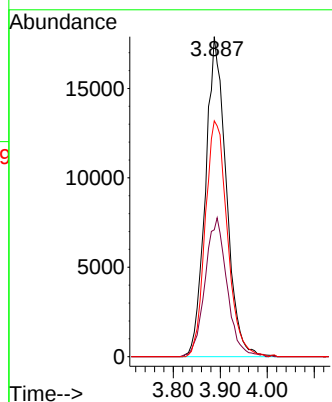
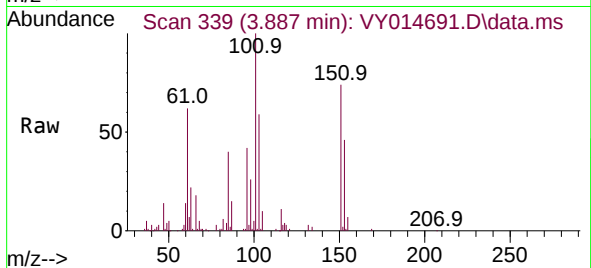
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.784 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY014691.D
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Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

Tgt Ion:101 Resp: 5489
Ion Ratio Lower Upper
101 100
85 45.6 36.6 55.0
151 78.3 67.0 100.6

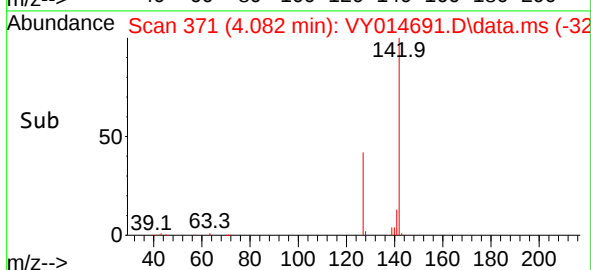
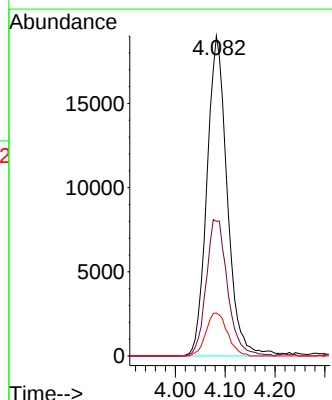
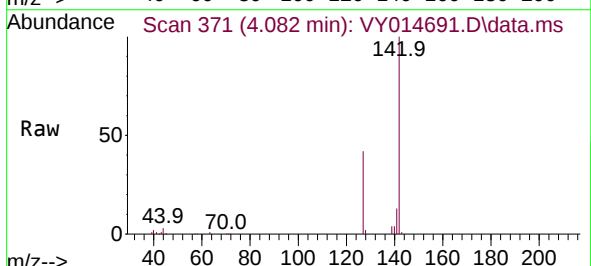
Manual Integrations
APPROVED

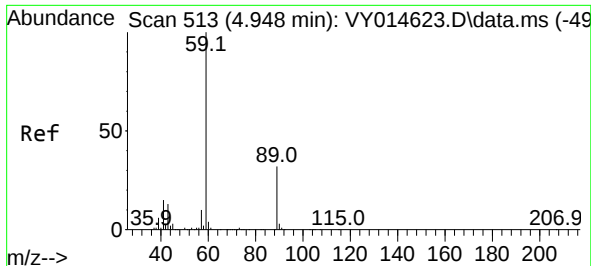
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#10
Methyl Iodide
Concen: 19.805 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

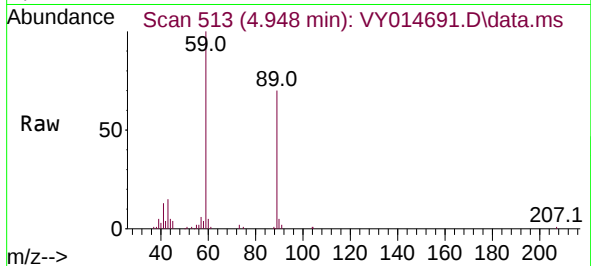
Tgt Ion:142 Resp: 53831
Ion Ratio Lower Upper
142 100
127 44.9 37.6 56.4
141 14.2 11.8 17.8





#11
Tert butyl alcohol
Concen: 141.430 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

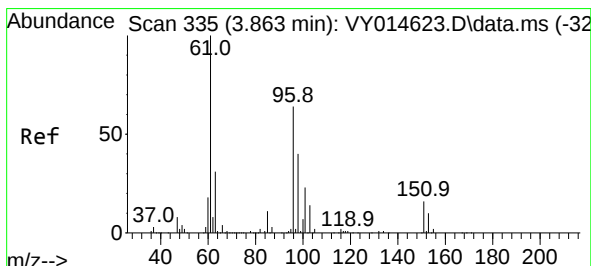
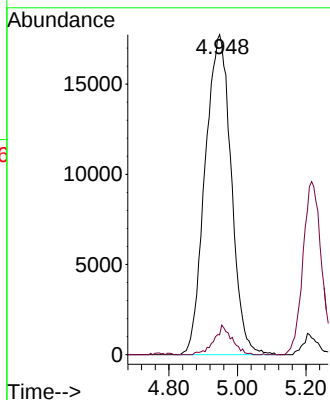
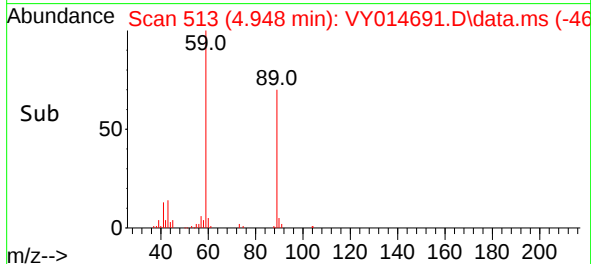
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01



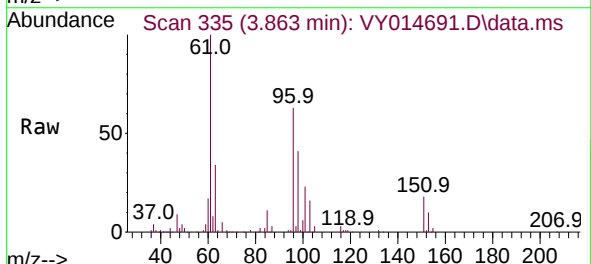
Tgt Ion: 59 Resp: 93660
Ion Ratio Lower Upper
59 100
57 6.3 3.0 4.4

Manual Integrations
APPROVED

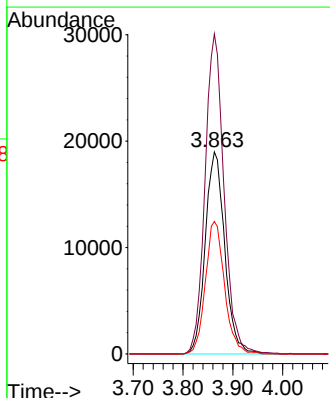
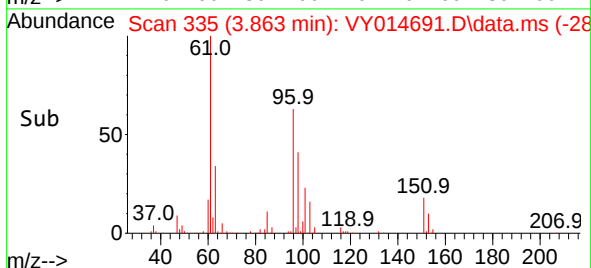
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

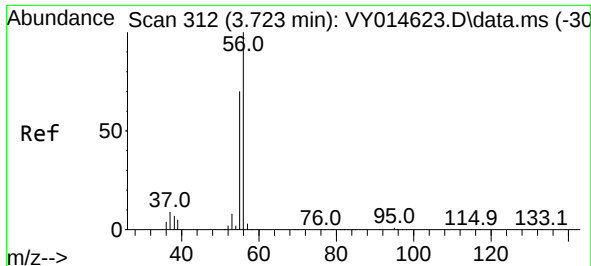


#12
1,1-Dichloroethene
Concen: 19.915 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48



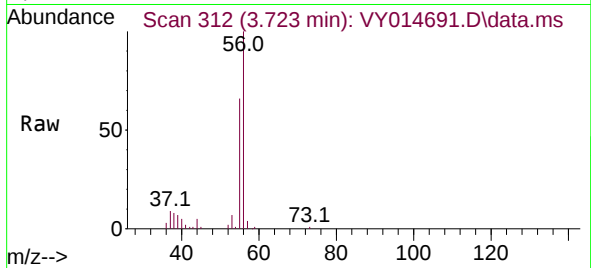
Tgt Ion: 96 Resp: 51642
Ion Ratio Lower Upper
96 100
61 158.3 136.4 204.6
98 65.6 49.4 74.2





#13
Acrolein
Concen: 91.828 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

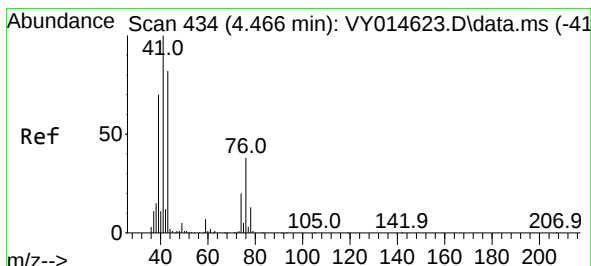
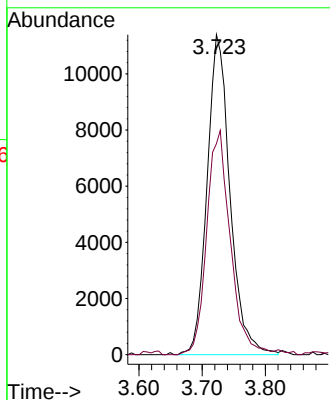
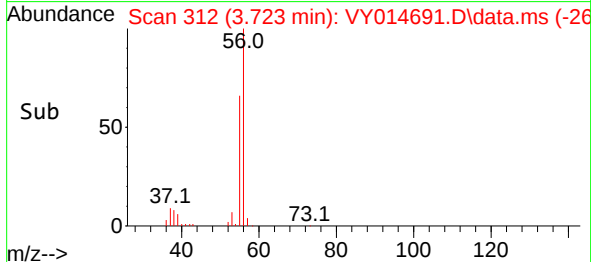
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01



Tgt Ion: 56 Resp: 28800
Ion Ratio Lower Upper
56 100
55 71.8 57.0 85.4

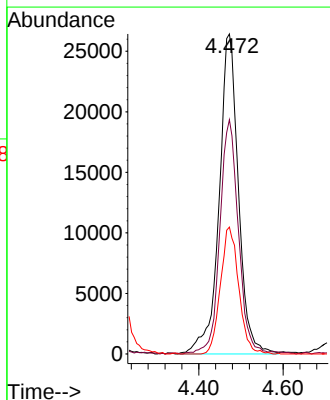
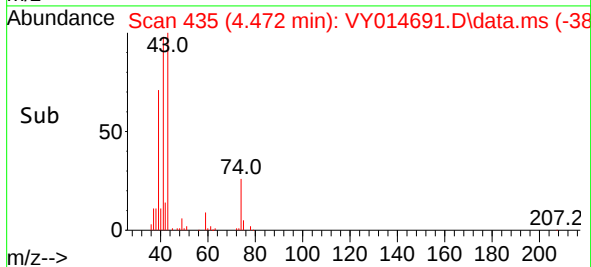
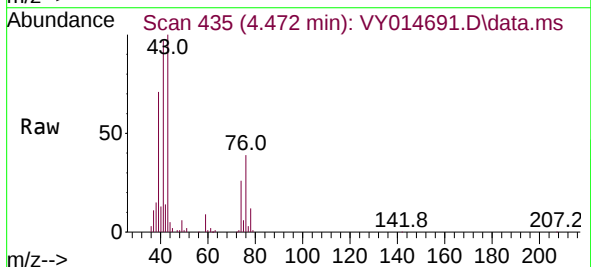
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#14
Allyl chloride
Concen: 18.217 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

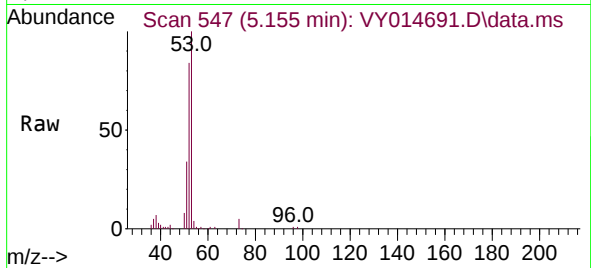
Tgt Ion: 41 Resp: 83873
Ion Ratio Lower Upper
41 100
39 70.7 58.0 87.0
76 37.4 27.4 41.2





#15
Acrylonitrile
Concen: 108.729 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

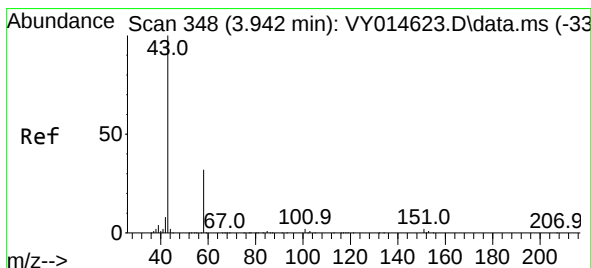
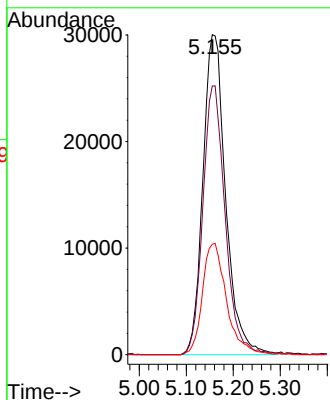
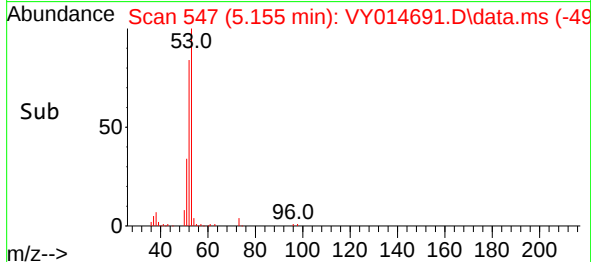
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBSD01



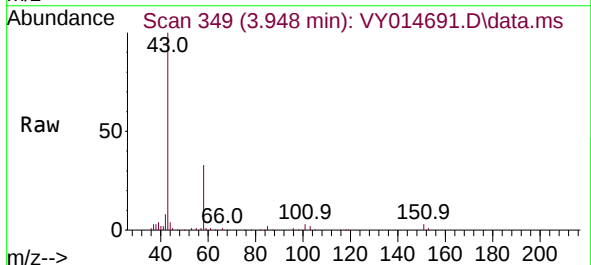
Tgt Ion: 53 Resp: 100979
Ion Ratio Lower Upper
53 100
52 82.3 66.9 100.3
51 36.7 29.8 44.6

Manual Integrations
APPROVED

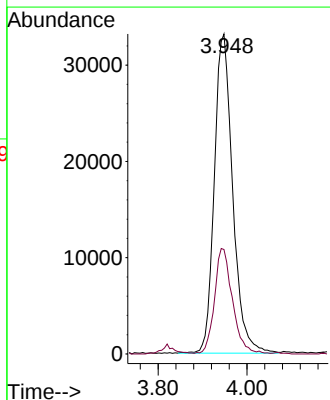
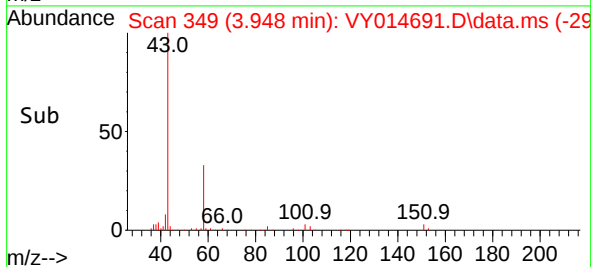
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#16
Acetone
Concen: 99.935 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48



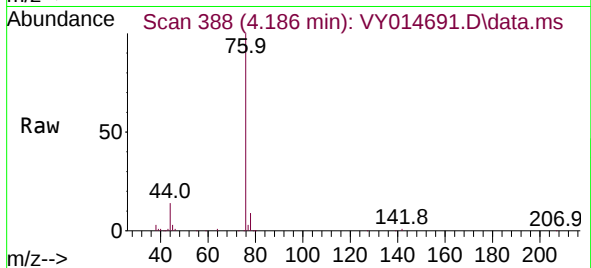
Tgt Ion: 43 Resp: 95026
Ion Ratio Lower Upper
43 100
58 32.3 22.7 34.1





#17
Carbon Disulfide
Concen: 19.358 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

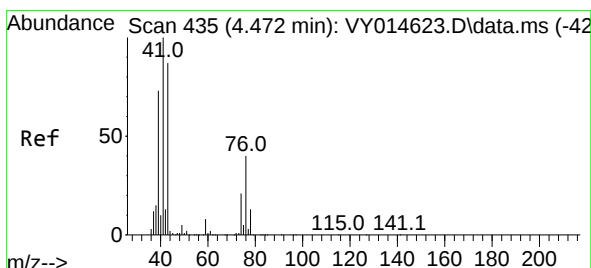
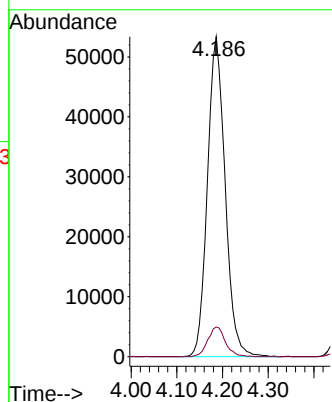
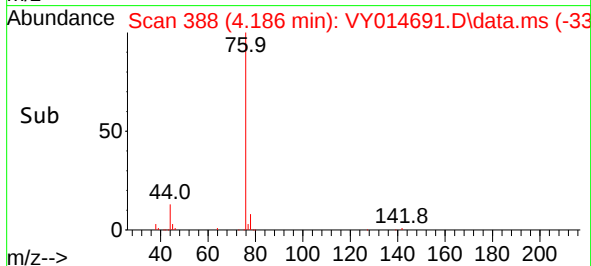
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBSD01



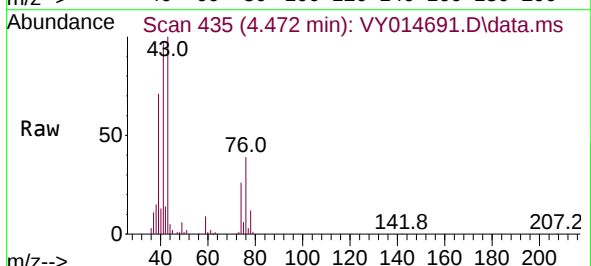
Tgt Ion: 76 Resp: 143712
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4

Manual Integrations
APPROVED

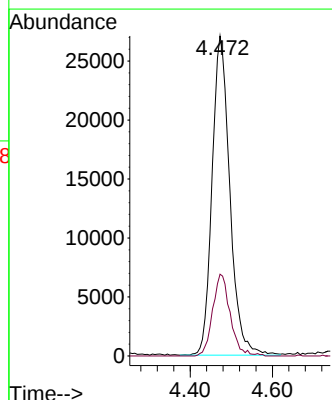
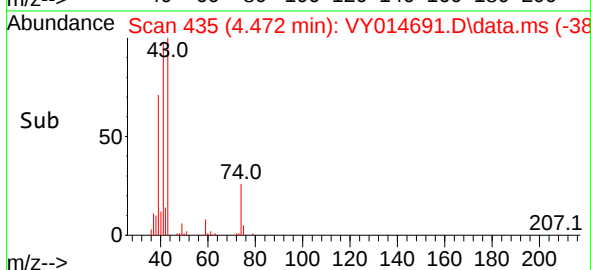
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

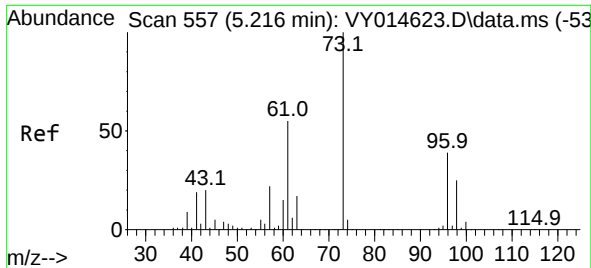


#18
Methyl Acetate
Concen: 22.206 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48



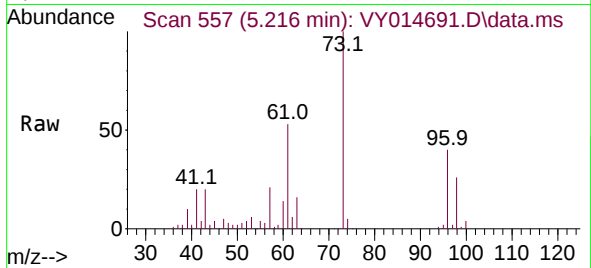
Tgt Ion: 43 Resp: 81029
Ion Ratio Lower Upper
43 100
74 25.2 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 20.067 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

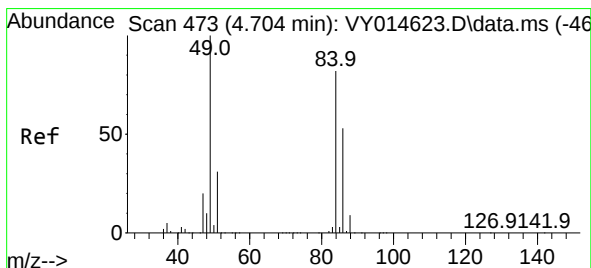
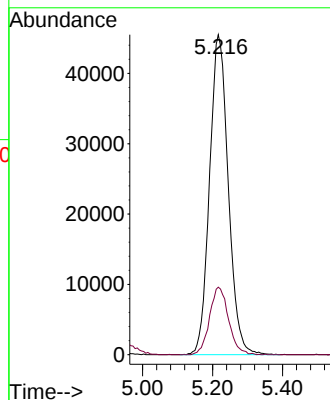
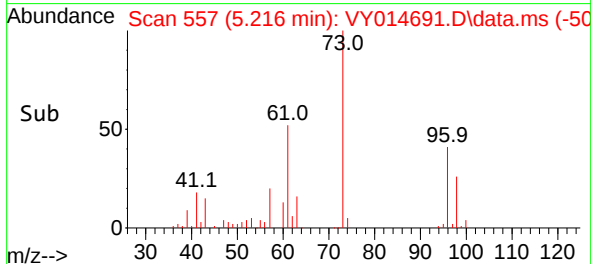
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBSD01



Tgt Ion: 73 Resp: 16903
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9

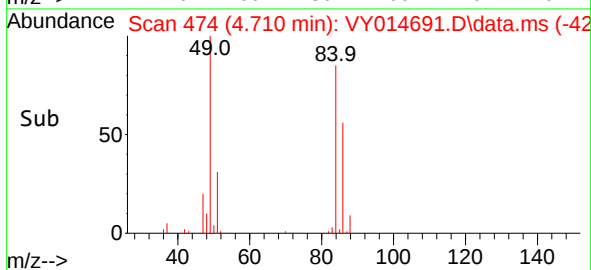
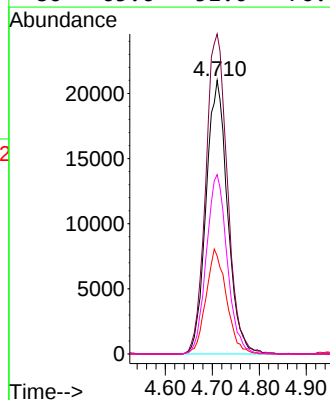
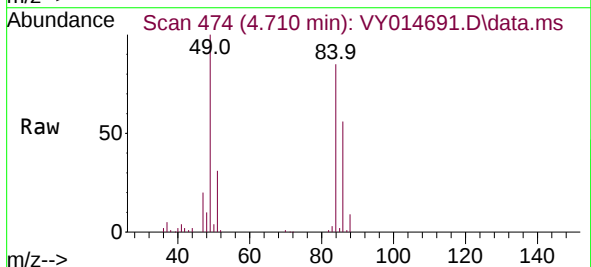
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#20
Methylene Chloride
Concen: 18.916 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

Tgt Ion: 84 Resp: 66540
Ion Ratio Lower Upper
84 100
49 117.0 106.9 160.3
51 35.8 33.2 49.8
86 65.6 51.0 76.6





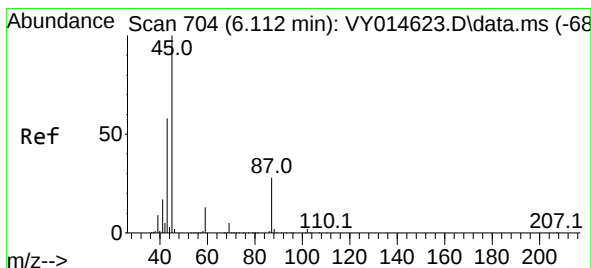
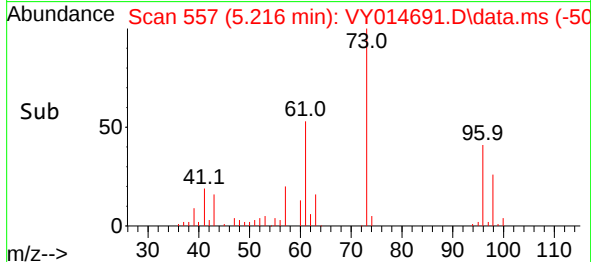
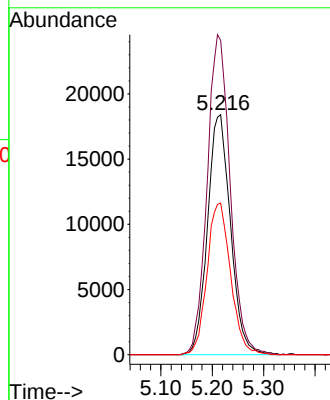
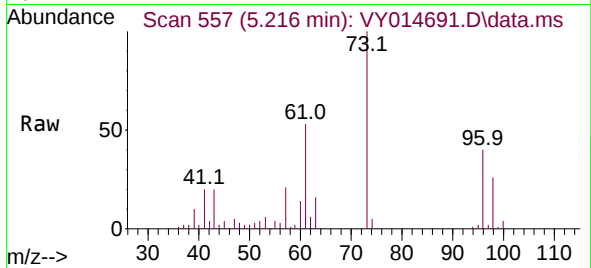
#21
trans-1,2-Dichloroethene
Concen: 19.446 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

Tgt Ion: 96 Resp: 57225
Ion Ratio Lower Upper
96 100
61 130.9 110.2 165.4
98 63.2 51.8 77.6

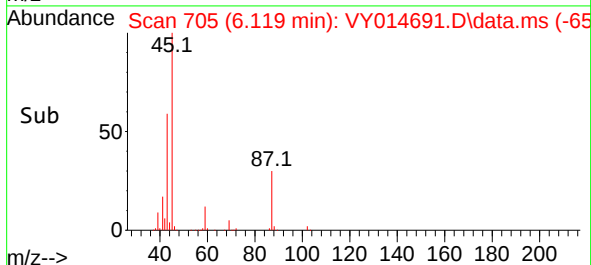
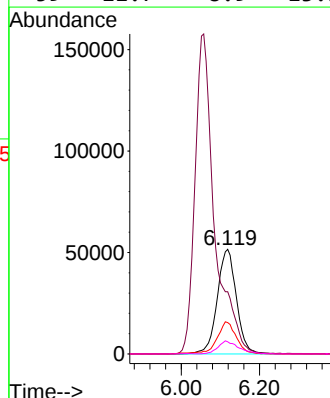
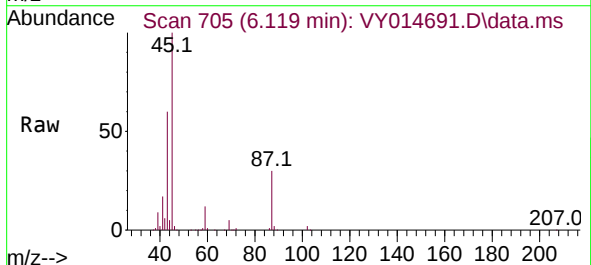
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#22
Diisopropyl ether
Concen: 18.751 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.007 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

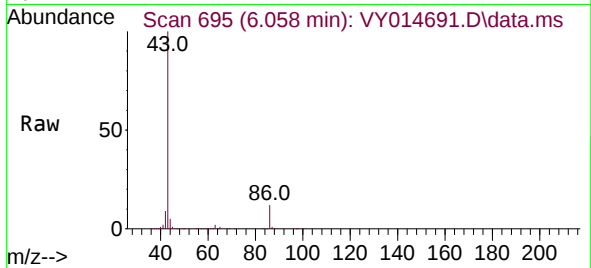
Tgt Ion: 45 Resp: 175521
Ion Ratio Lower Upper
45 100
43 58.8 52.2 78.4
87 30.0 21.0 31.6
59 11.7 8.9 13.3





#23
 Vinyl Acetate
 Concen: 97.877 ug/l
 RT: 6.058 min Scan# 694
 Delta R.T. 0.007 min
 Lab File: VY014691.D
 Acq: 18 Jul 2023 10:48

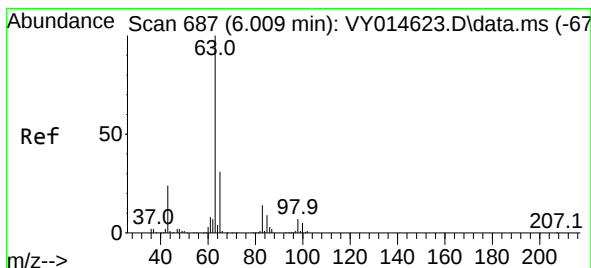
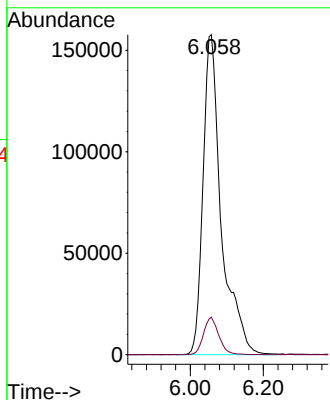
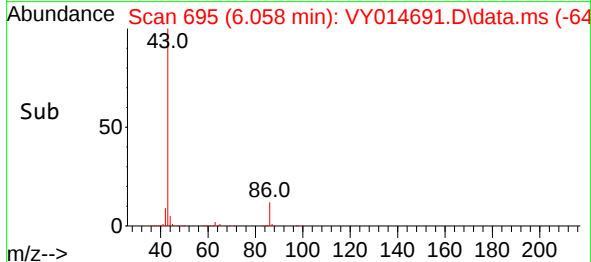
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0718SBS01



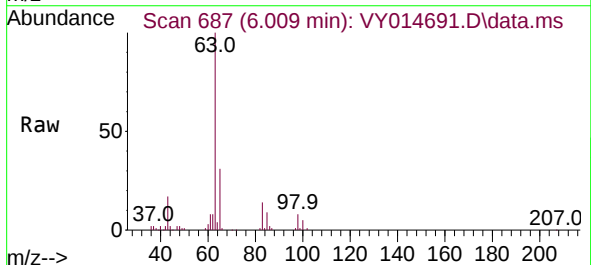
Tgt Ion: 43 Resp: 54827
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.5 11.3

Manual Integrations
 APPROVED

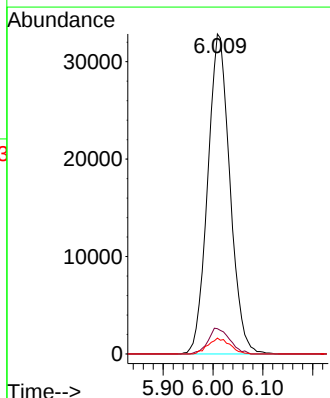
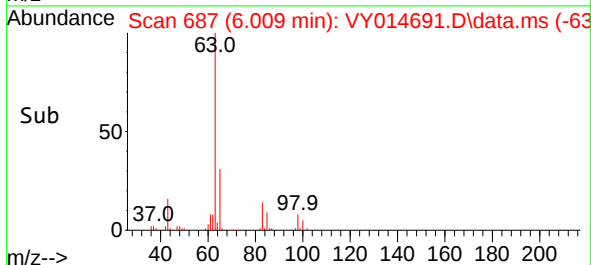
Reviewed By :John Carlone 07/19/2023
 Supervised By :Mahesh Dadoda 07/19/2023



#24
 1,1-Dichloroethane
 Concen: 18.961 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY014691.D
 Acq: 18 Jul 2023 10:48



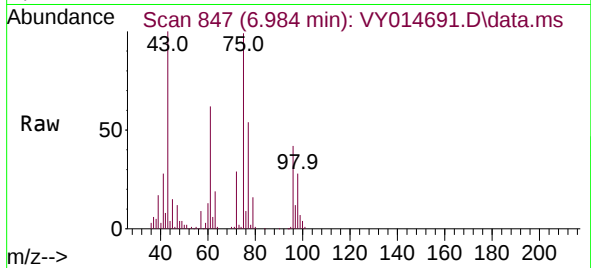
Tgt Ion: 63 Resp: 101557
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.1 9.4
 100 5.0 1.8 5.5





#25
2-Butanone
Concen: 109.177 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

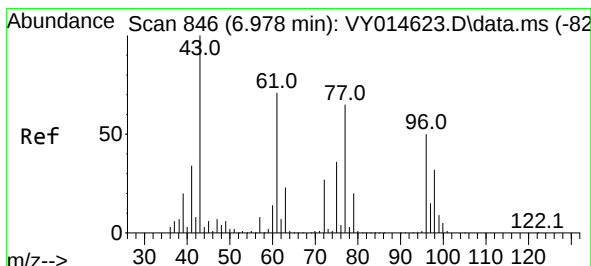
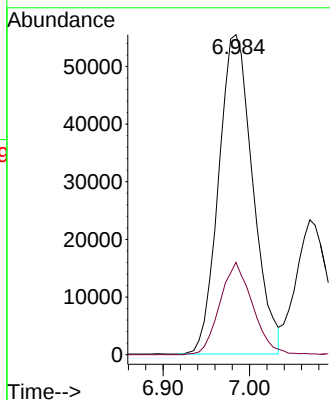
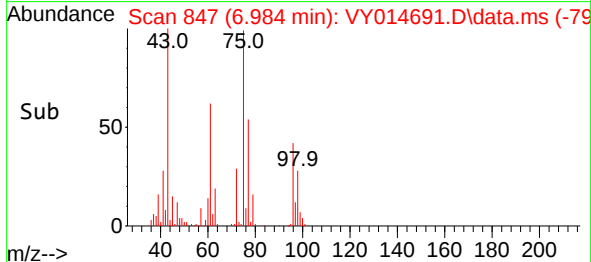
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01



Tgt Ion: 43 Resp: 151879
Ion Ratio Lower Upper
43 100
72 28.9 20.5 30.7

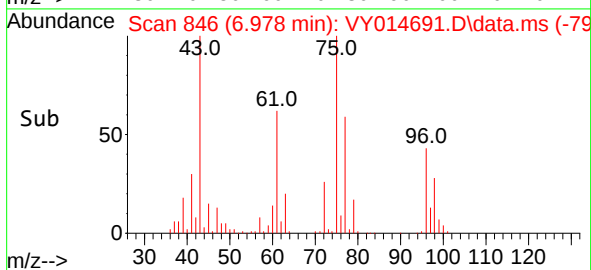
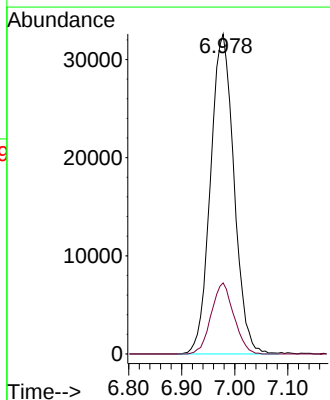
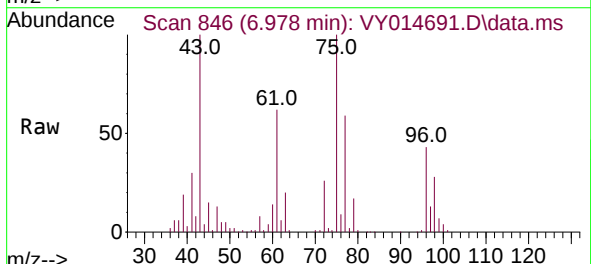
Manual Integrations
APPROVED

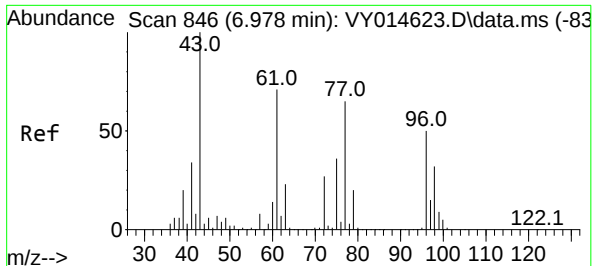
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#26
2,2-Dichloropropane
Concen: 19.655 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

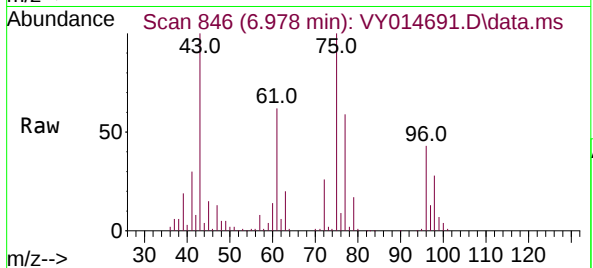
Tgt Ion: 77 Resp: 100330
Ion Ratio Lower Upper
77 100
97 21.4 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 19.682 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY014691.D
 Acq: 18 Jul 2023 10:48

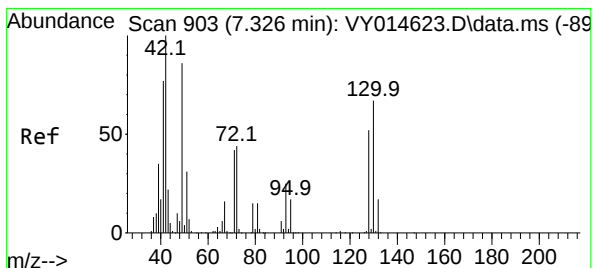
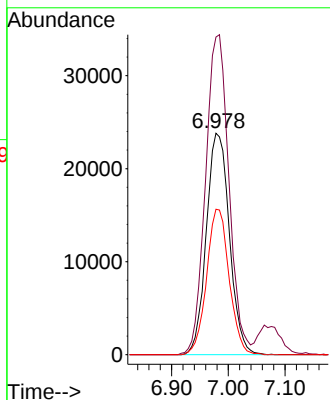
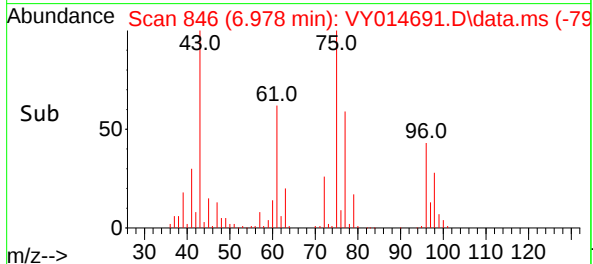
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0718SBS01



Tgt Ion: 96 Resp: 6741
 Ion Ratio Lower Upper
 96 100
 61 146.2 0.0 301.4
 98 64.1 0.0 130.4

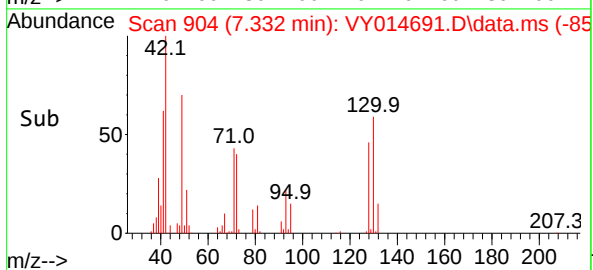
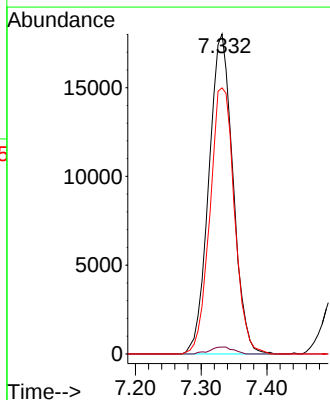
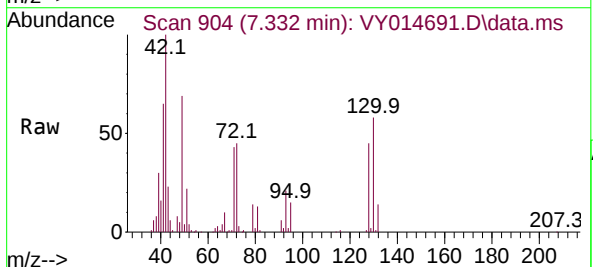
Manual Integrations
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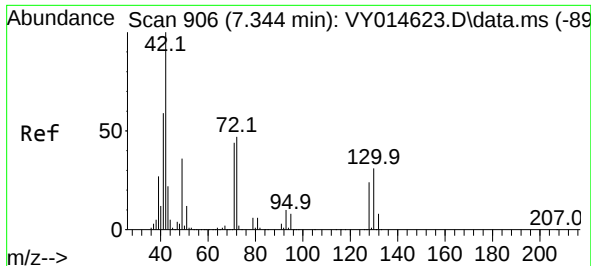
Reviewed By :John Carlone 07/19/2023
 Supervised By :Mahesh Dadoda 07/19/2023



#28
 Bromochloromethane
 Concen: 19.937 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.006 min
 Lab File: VY014691.D
 Acq: 18 Jul 2023 10:48

Tgt Ion: 49 Resp: 45989
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 84.5 60.7 91.1





#29

Tetrahydrofuran

Concen: 112.756 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY014691.D

Acq: 18 Jul 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBSD01

Tgt Ion: 42 Resp: 96580

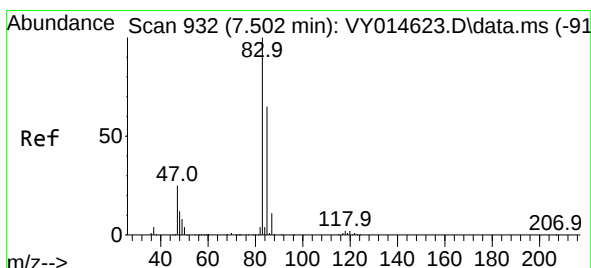
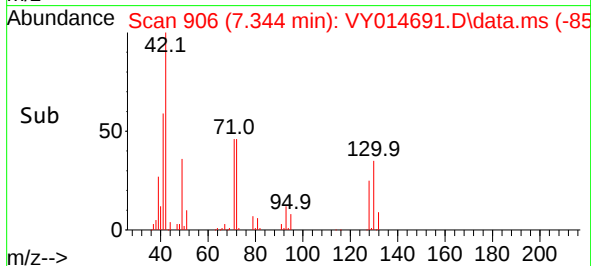
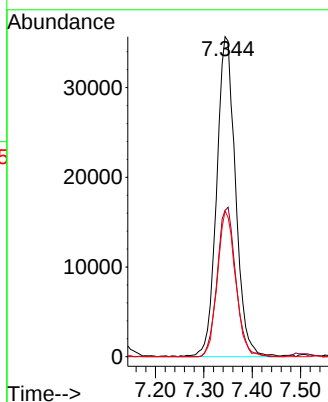
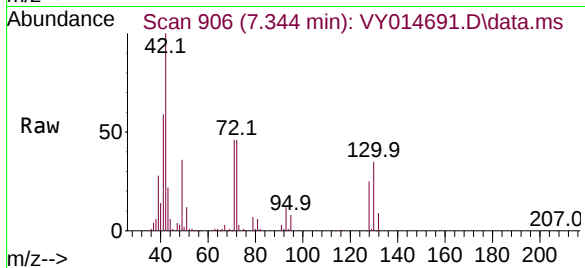
Ion	Ratio	Lower	Upper
42	100		
72	45.9	32.8	49.2
71	43.9	31.0	46.4

Manual Integrations

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Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#30

Chloroform

Concen: 19.346 ug/l

RT: 7.502 min Scan# 932

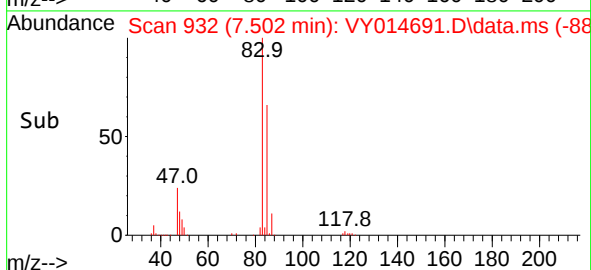
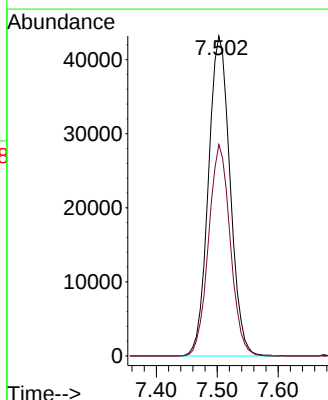
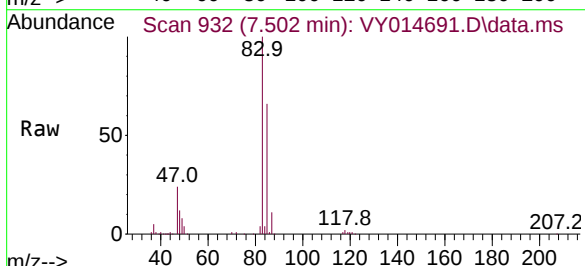
Delta R.T. 0.000 min

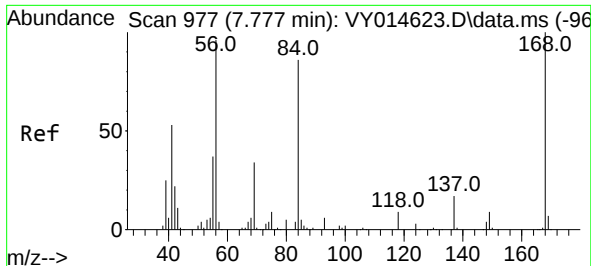
Lab File: VY014691.D

Acq: 18 Jul 2023 10:48

Tgt Ion: 83 Resp: 106852

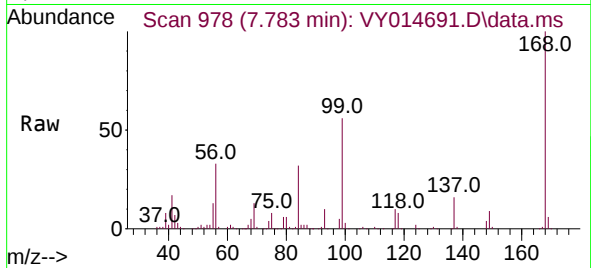
Ion	Ratio	Lower	Upper
83	100		
85	66.0	49.7	74.5





#31
Cyclohexane
Concen: 18.729 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

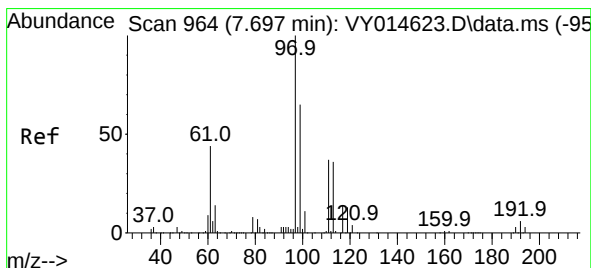
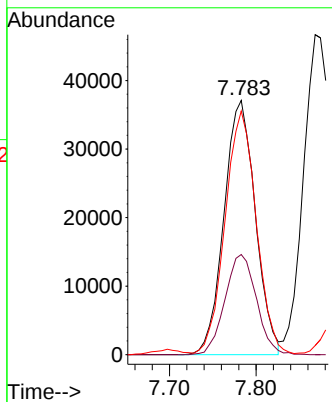
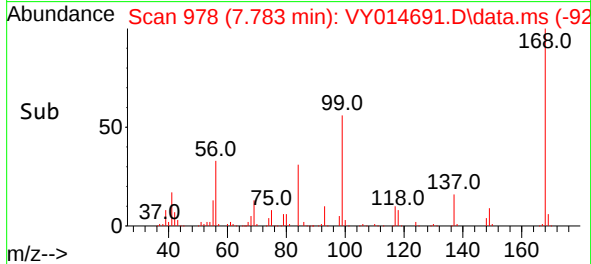
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01



Tgt Ion: 56 Resp: 93290
Ion Ratio Lower Upper
56 100
69 39.4 27.8 41.6
84 94.4 66.4 99.6

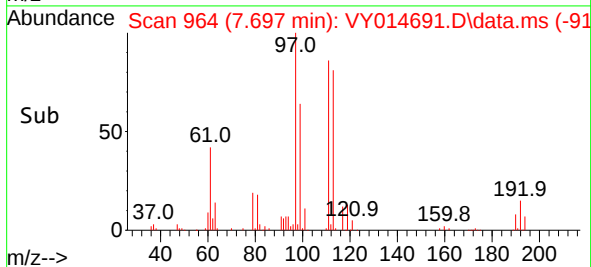
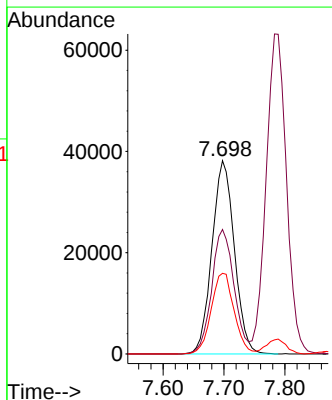
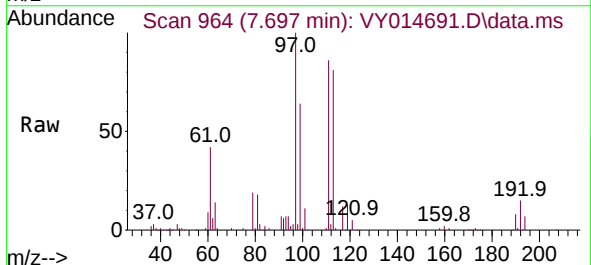
Manual Integrations
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Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#32
1,1,1-Trichloroethane
Concen: 19.621 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

Tgt Ion: 97 Resp: 97536
Ion Ratio Lower Upper
97 100
99 64.3 50.8 76.2
61 42.7 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 49.199 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY014691.D

Acq: 18 Jul 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBS01

Tgt Ion: 65 Resp: 14763

Ion Ratio Lower Upper

65 100

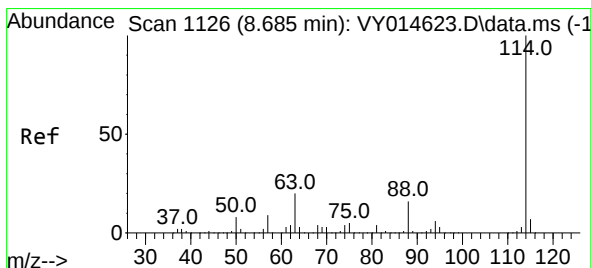
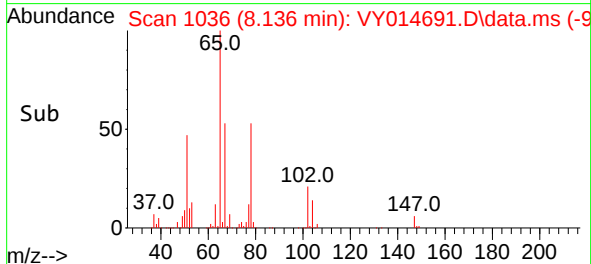
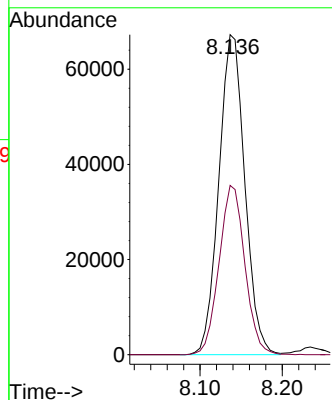
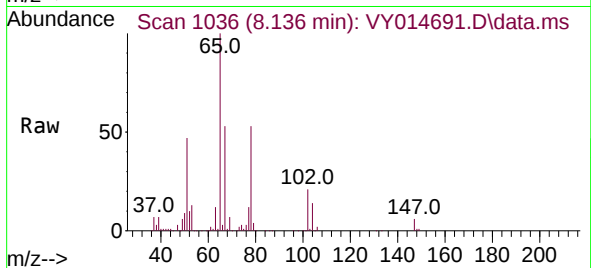
67 52.5 0.0 101.8

Manual Integrations

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Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014691.D

Acq: 18 Jul 2023 10:48

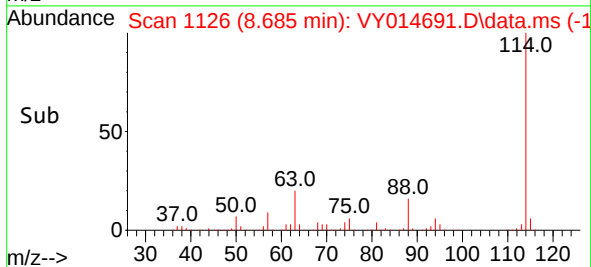
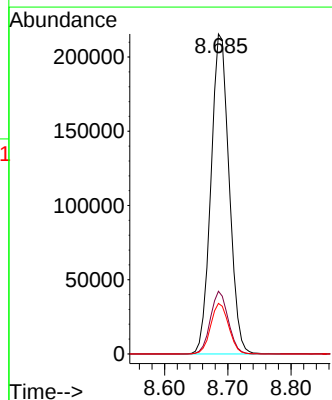
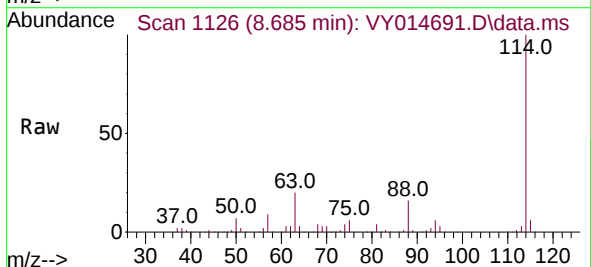
Tgt Ion:114 Resp: 429140

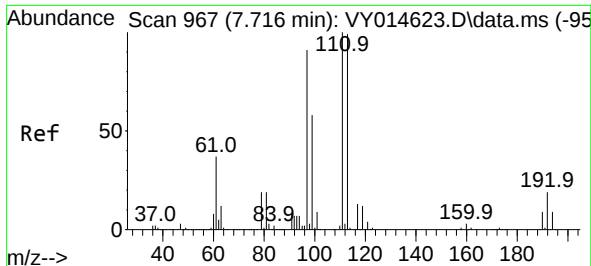
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

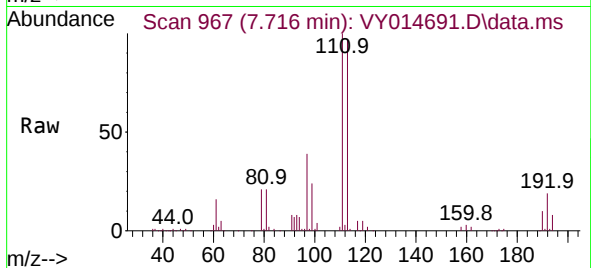
88 15.8 0.0 30.6





#35
Dibromofluoromethane
Concen: 49.656 ug/l
RT: 7.716 min Scan# 901
Delta R.T. -0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

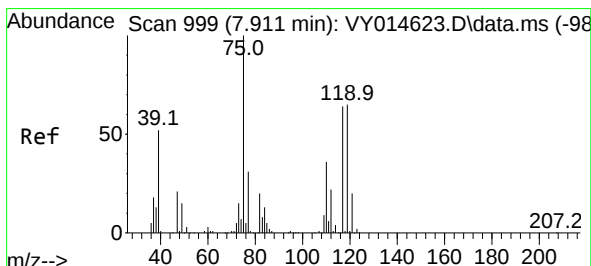
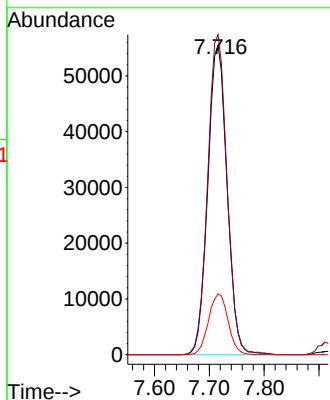
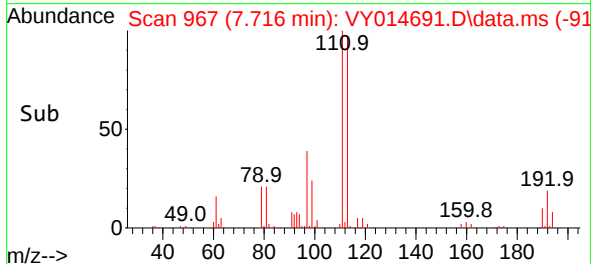
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBSD01



Tgt Ion:113 Resp: 13565
Ion Ratio Lower Upper
113 100
111 103.2 81.3 121.9
192 19.9 16.9 25.3

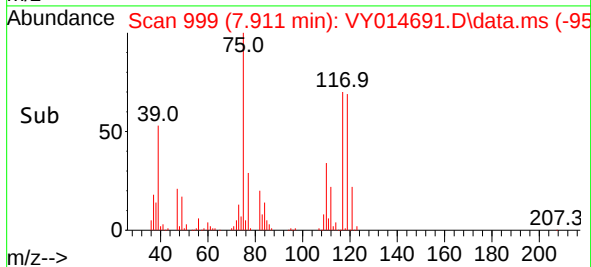
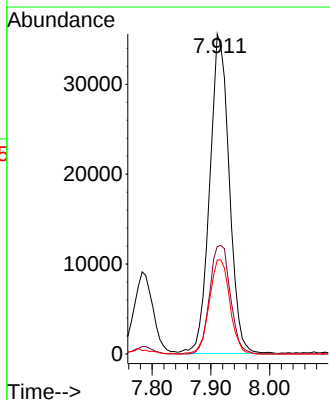
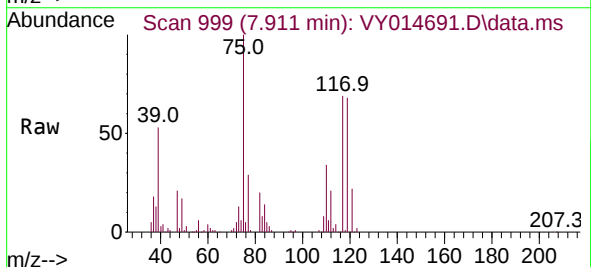
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#36
1,1-Dichloropropene
Concen: 20.073 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

Tgt Ion: 75 Resp: 82004
Ion Ratio Lower Upper
75 100
110 36.0 17.8 53.5
77 30.8 24.4 36.6





#37

Ethyl Acetate

Concen: 22.005 ug/l

RT: 7.070 min Scan# 861

Delta R.T. -0.000 min

Lab File: VY014691.D

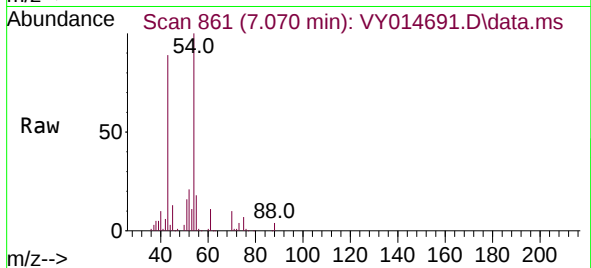
Acq: 18 Jul 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBS01

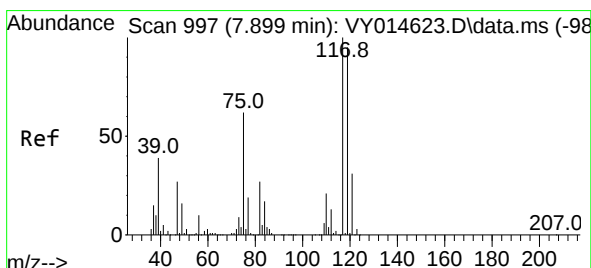
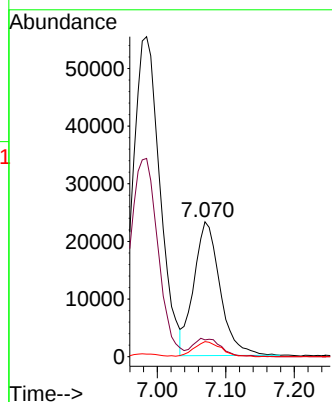
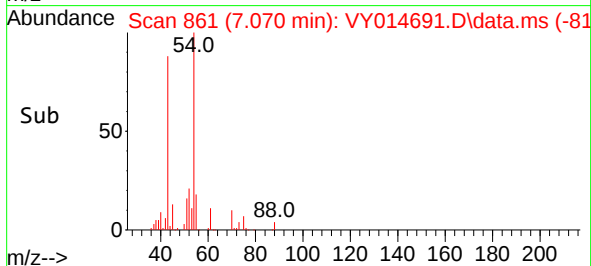


Tgt Ion:	43	Resp:	6189
Ion	Ratio	Lower	Upper
43	100		
61	14.7	10.1	15.1
70	11.6	7.1	10.7

Manual Integrations
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Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#38

Carbon Tetrachloride

Concen: 20.129 ug/l

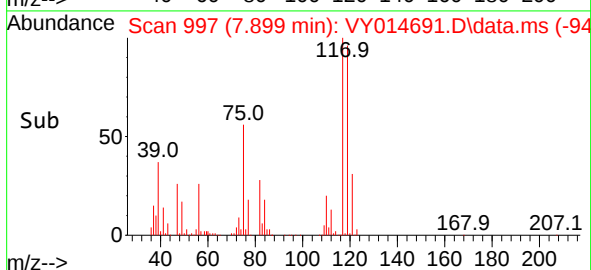
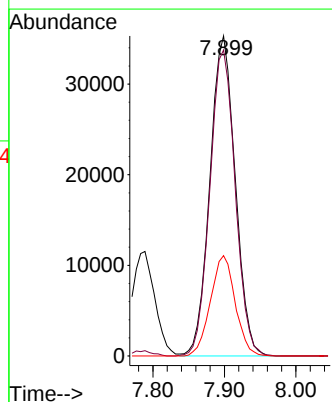
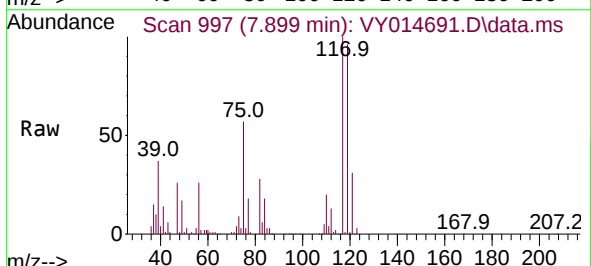
RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY014691.D

Acq: 18 Jul 2023 10:48

Tgt Ion:	117	Resp:	86927
Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.4	114.6
121	31.3	25.8	38.6





#39

Methylcyclohexane

Concen: 19.449 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY014691.D

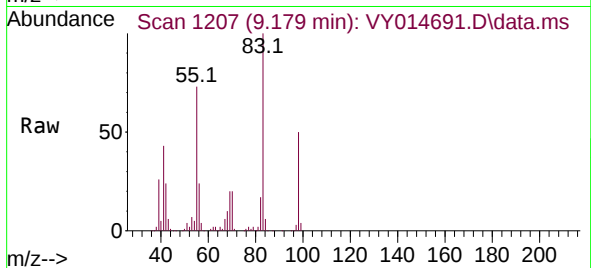
Acq: 18 Jul 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBS01



Tgt Ion: 83 Resp: 10351

Ion Ratio Lower Upper

83 100

55 73.5 63.0 94.4

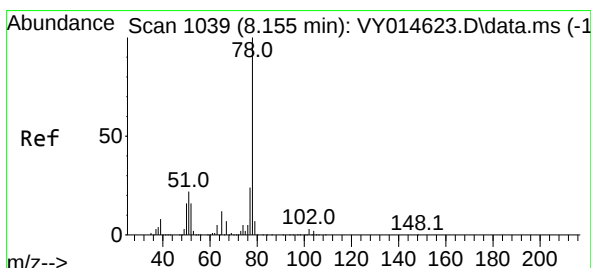
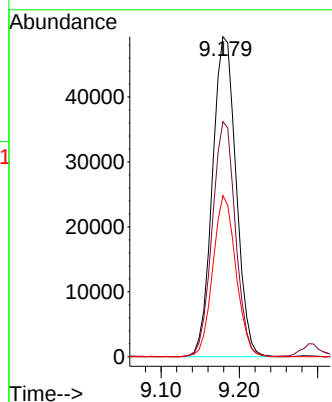
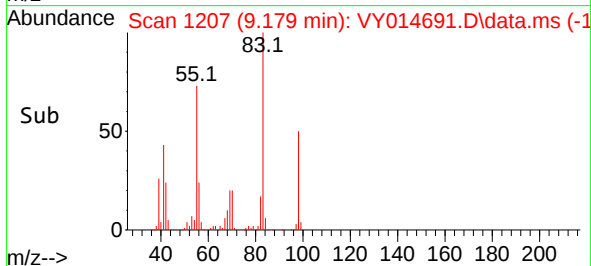
98 50.3 37.4 56.2

Manual Integrations

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Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#40

Benzene

Concen: 19.661 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY014691.D

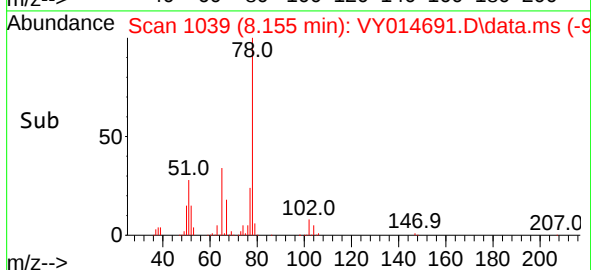
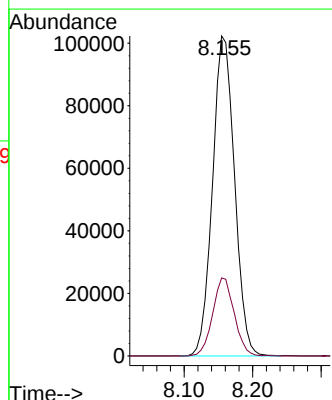
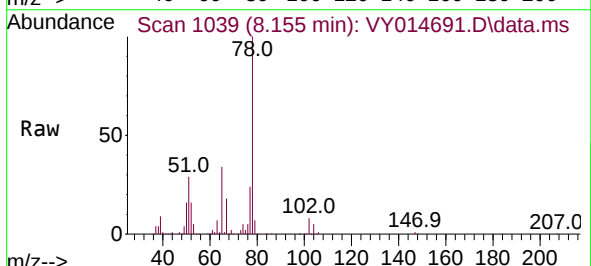
Acq: 18 Jul 2023 10:48

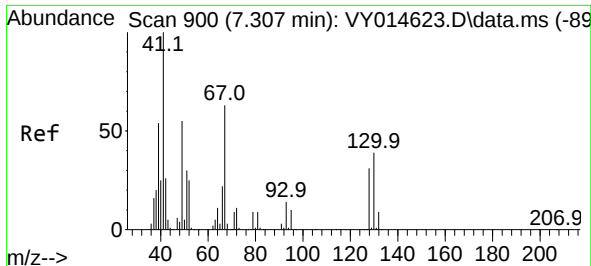
Tgt Ion: 78 Resp: 228439

Ion Ratio Lower Upper

78 100

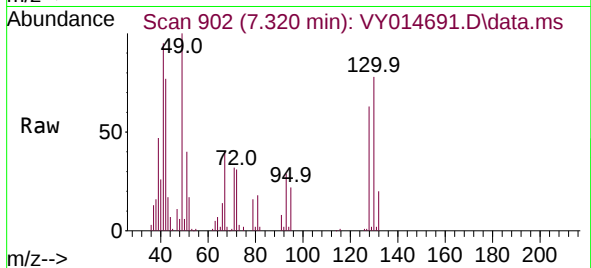
77 24.4 19.0 28.6





#41
Methacrylonitrile
Concen: 22.201 ug/l m
RT: 7.320 min Scan# 900
Delta R.T. 0.013 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

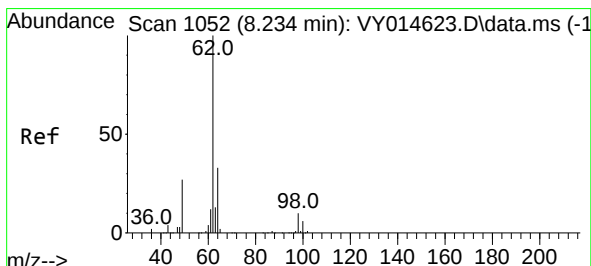
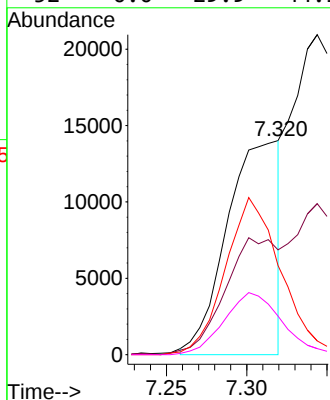
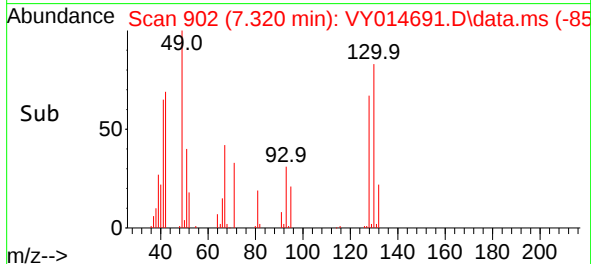
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBSD01



Tgt Ion: 41 Resp: 32119
Ion Ratio Lower Upper
41 100
39 69.1 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

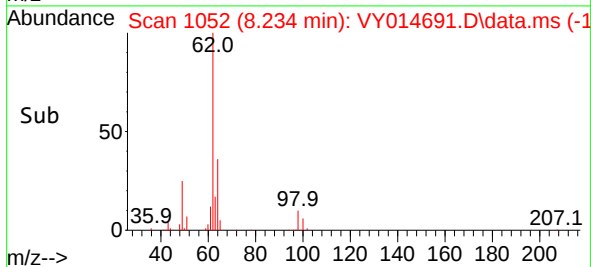
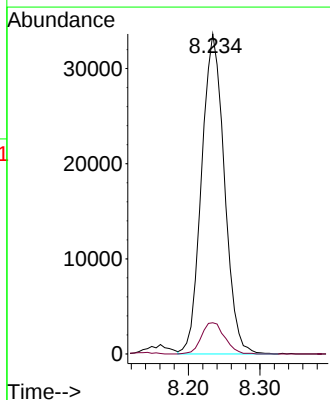
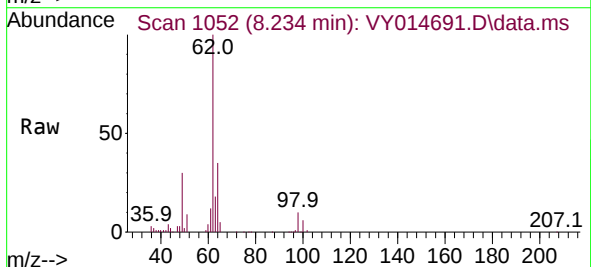
Manual Integrations
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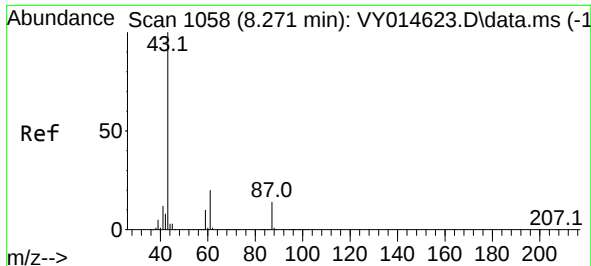
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#42
1,2-Dichloroethane
Concen: 20.255 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

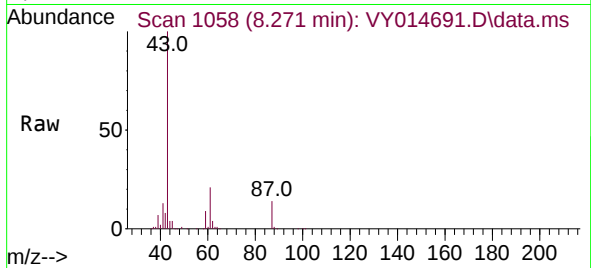
Tgt Ion: 62 Resp: 74526
Ion Ratio Lower Upper
62 100
98 10.0 0.0 15.8





#43
Isopropyl Acetate
Concen: 20.945 ug/l
RT: 8.271 min Scan# 11058
Delta R.T. -0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

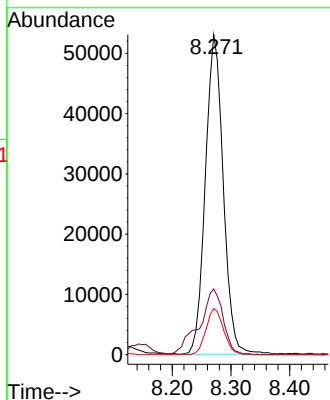
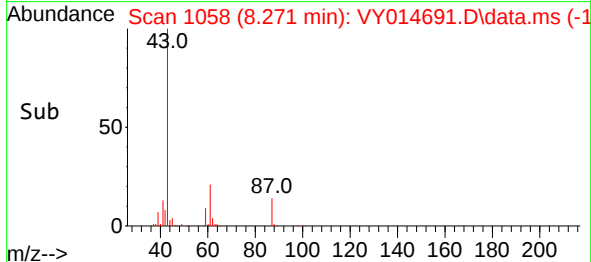
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01



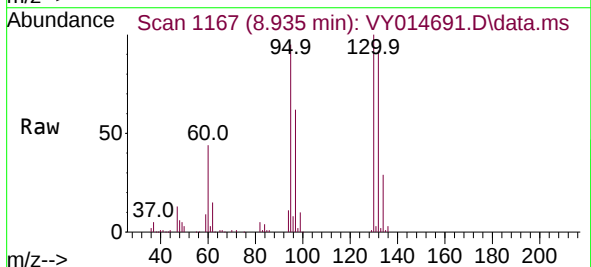
Tgt Ion: 43 Resp: 11222
Ion Ratio Lower Upper
43 100
61 27.5 21.1 31.7
87 14.3 9.8 14.8

Manual Integrations
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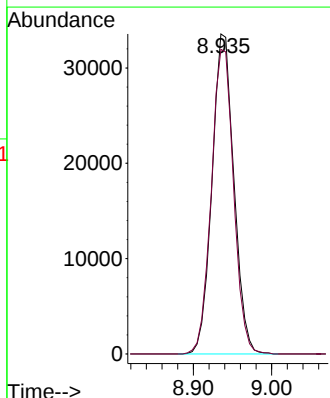
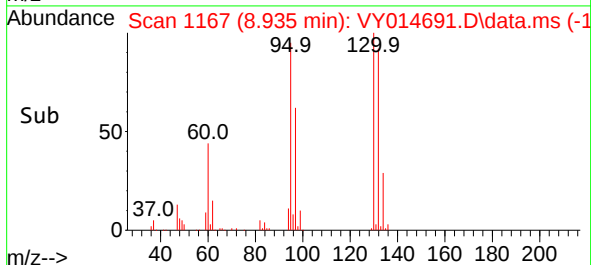
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

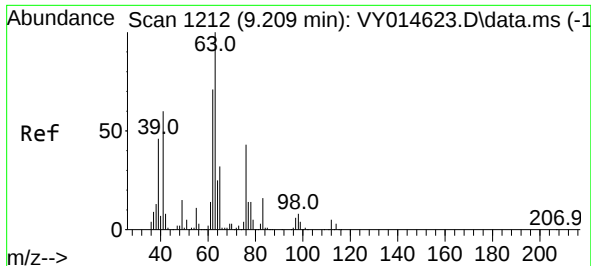


#44
Trichloroethene
Concen: 20.038 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48



Tgt Ion:130 Resp: 65140
Ion Ratio Lower Upper
130 100
95 95.2 0.0 196.0





#45

1,2-Dichloropropane

Concen: 19.309 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.007 min

Lab File: VY014691.D

Acq: 18 Jul 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBS01

Tgt Ion: 63 Resp: 5858

Ion Ratio Lower Upper

63 100

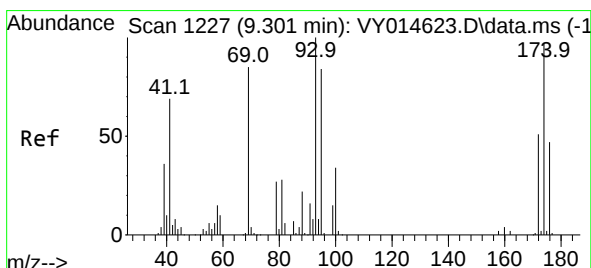
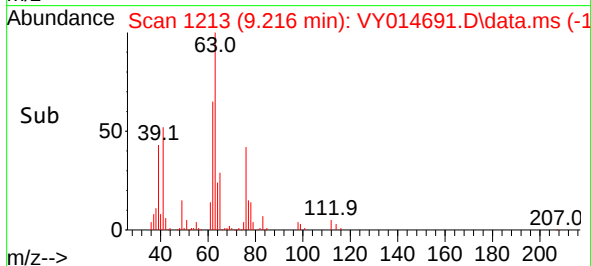
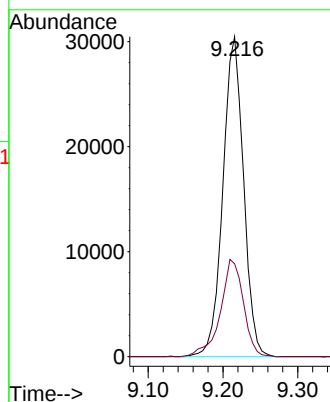
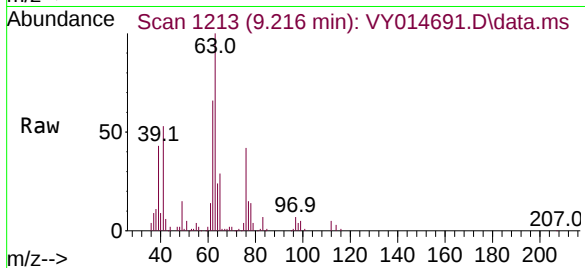
65 29.1 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#46

Dibromomethane

Concen: 20.450 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY014691.D

Acq: 18 Jul 2023 10:48

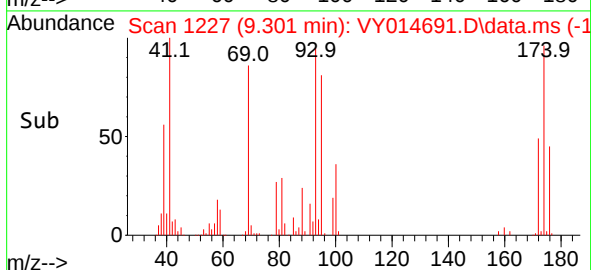
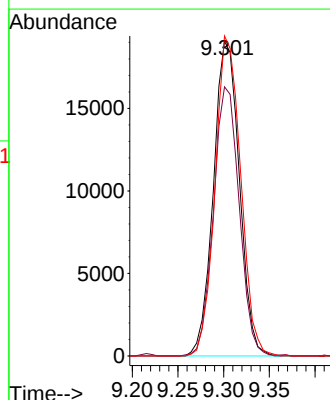
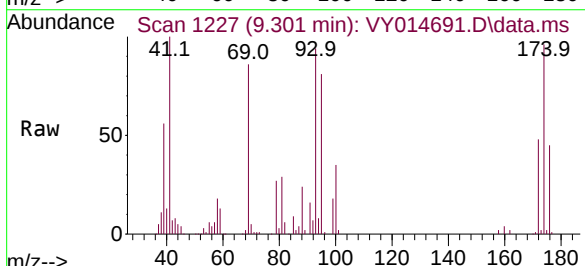
Tgt Ion: 93 Resp: 37639

Ion Ratio Lower Upper

93 100

95 85.0 66.6 100.0

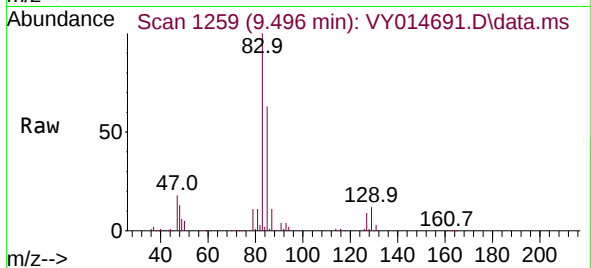
174 100.2 84.8 127.2





#47
Bromodichloromethane
Concen: 19.507 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

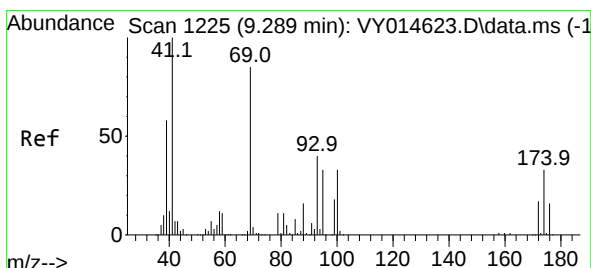
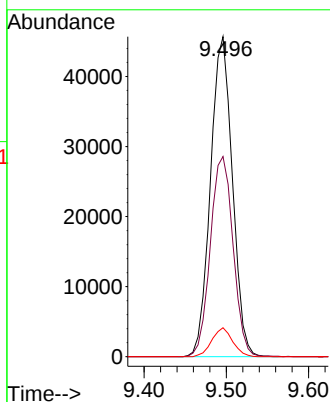
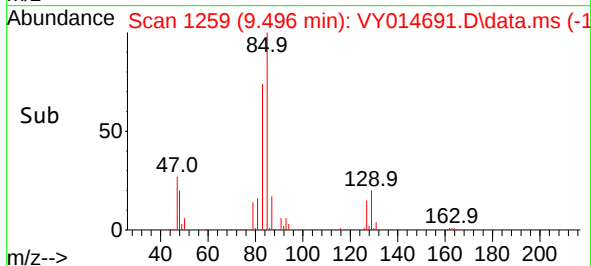
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBSD01



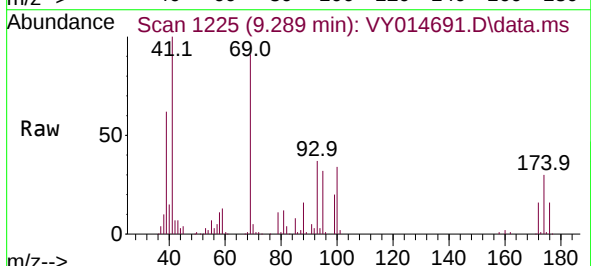
Tgt Ion: 83 Resp: 8462
Ion Ratio Lower Upper
83 100
85 62.6 50.1 75.1
127 9.1 7.1 10.7

Manual Integrations
APPROVED

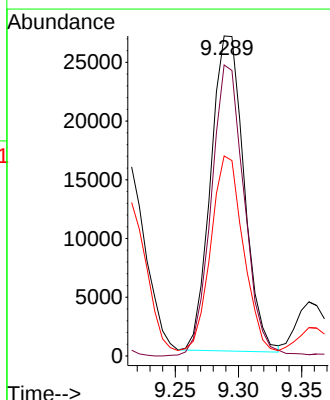
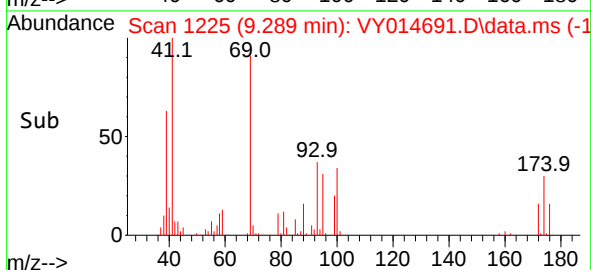
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

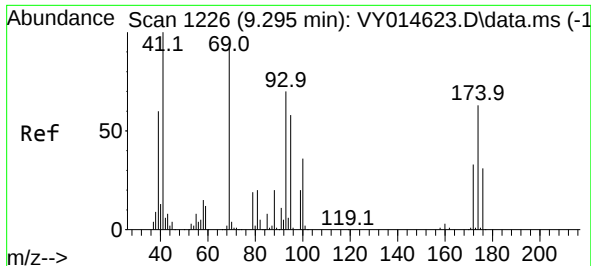


#48
Methyl methacrylate
Concen: 20.353 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48



Tgt Ion: 41 Resp: 49070
Ion Ratio Lower Upper
41 100
69 91.6 64.5 96.7
39 60.4 50.8 76.2





#49

1,4-Dioxane

Concen: 465.217 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY014691.D

Acq: 18 Jul 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBS01

Tgt Ion: 88 Resp: 13962

Ion Ratio Lower Upper

88 100

43 27.3 0.0 0.0

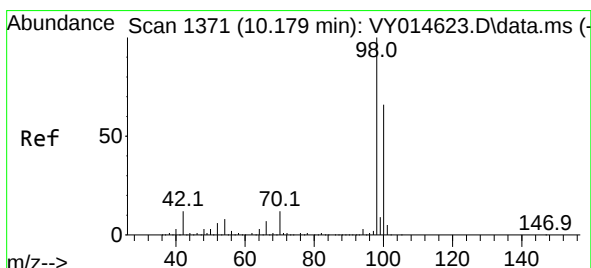
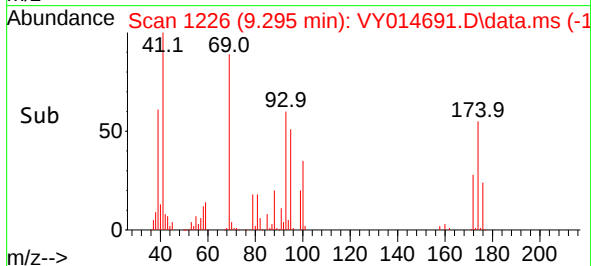
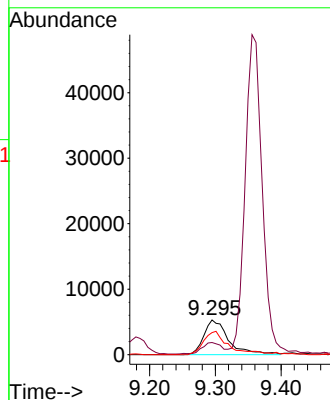
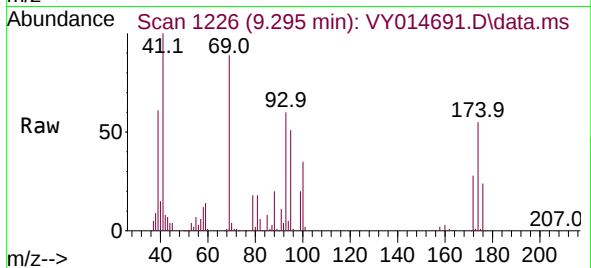
58 67.3 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#50

Toluene-d8

Concen: 49.114 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY014691.D

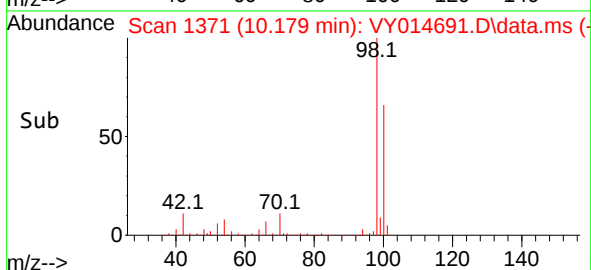
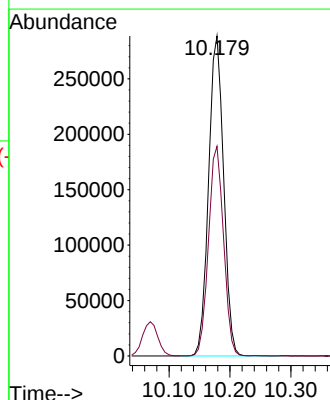
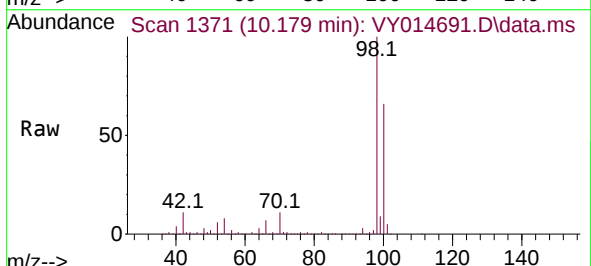
Acq: 18 Jul 2023 10:48

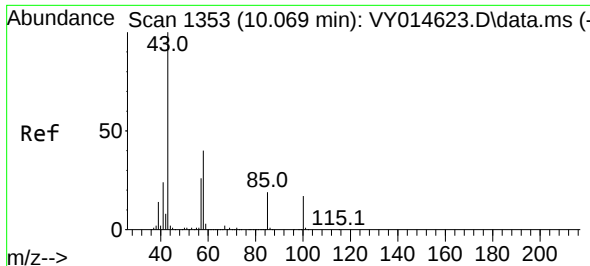
Tgt Ion: 98 Resp: 494653

Ion Ratio Lower Upper

98 100

100 65.6 50.1 75.1





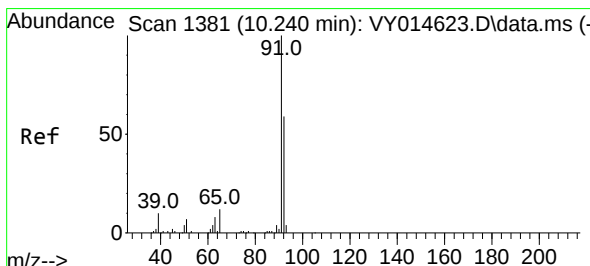
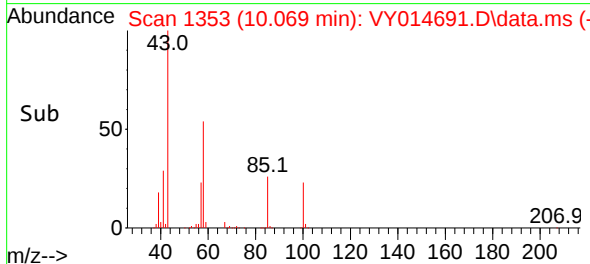
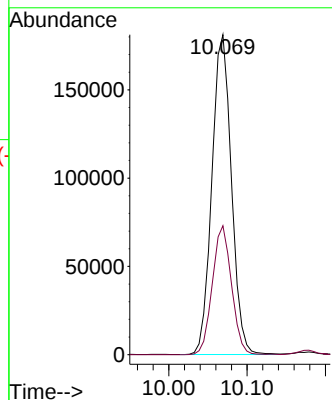
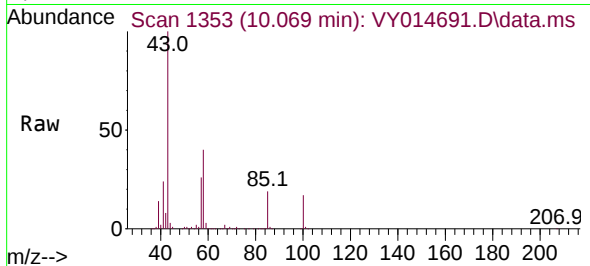
#51
4-Methyl-2-Pentanone
Concen: 111.483 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

Tgt Ion: 43 Resp: 31362
Ion Ratio Lower Upper
43 100
58 39.6 29.0 43.6

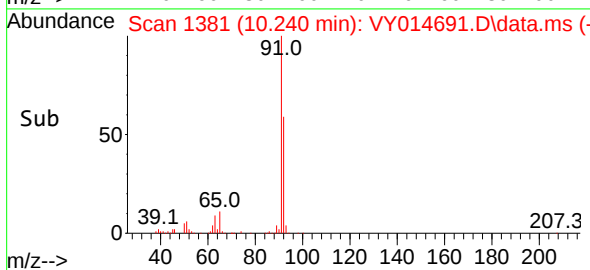
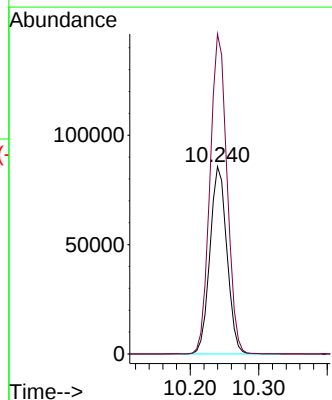
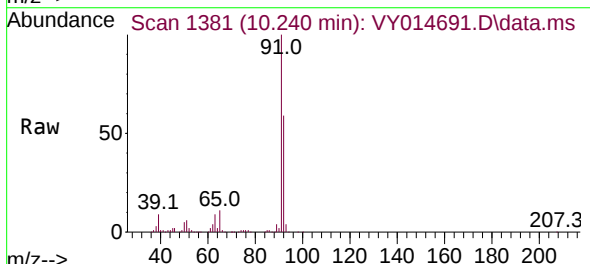
Manual Integrations
APPROVED

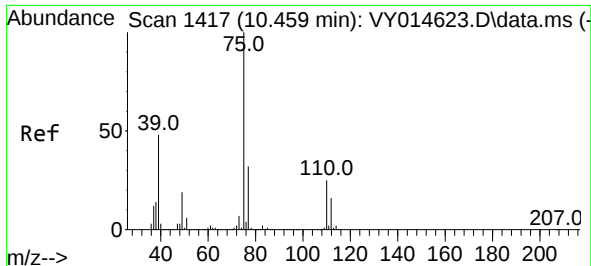
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#52
Toluene
Concen: 19.804 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

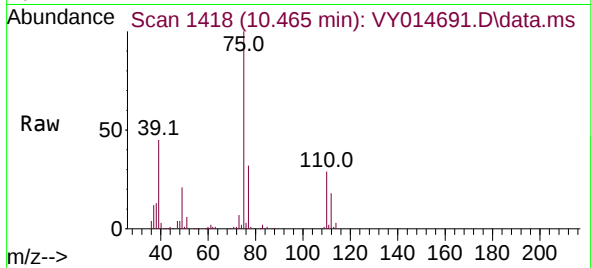
Tgt Ion: 92 Resp: 147242
Ion Ratio Lower Upper
92 100
91 171.6 143.8 215.6





#53
t-1,3-Dichloropropene
Concen: 19.481 ug/l
RT: 10.465 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

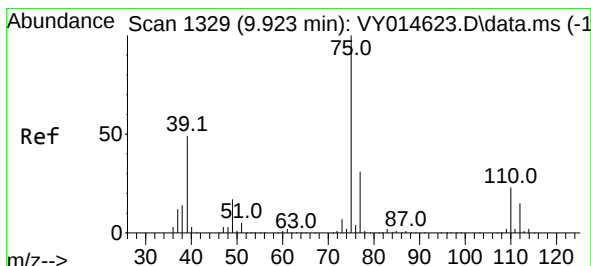
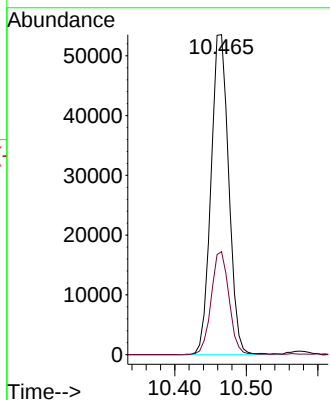
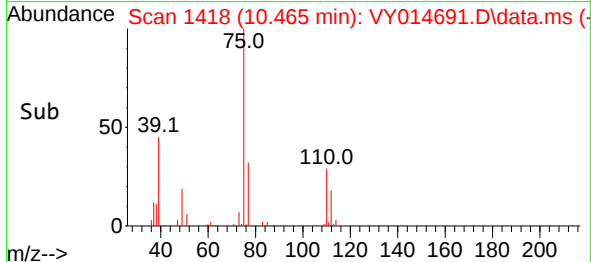
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01



Tgt Ion: 75 Resp: 92440
Ion Ratio Lower Upper
75 100
77 32.2 25.0 37.4

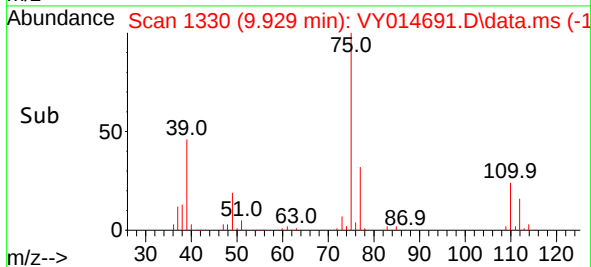
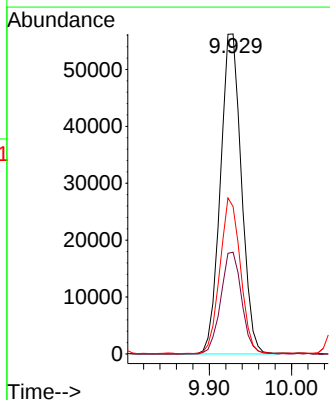
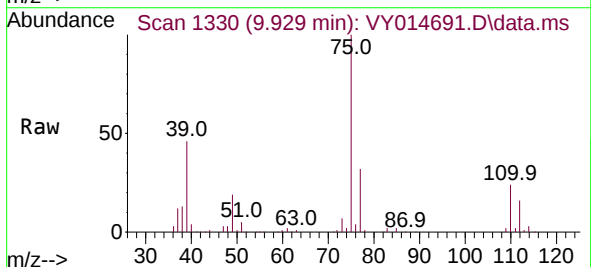
Manual Integrations
APPROVED

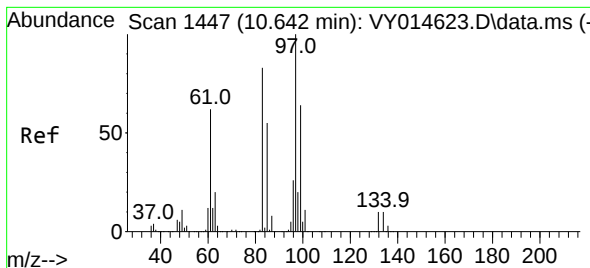
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#54
cis-1,3-Dichloropropene
Concen: 19.365 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

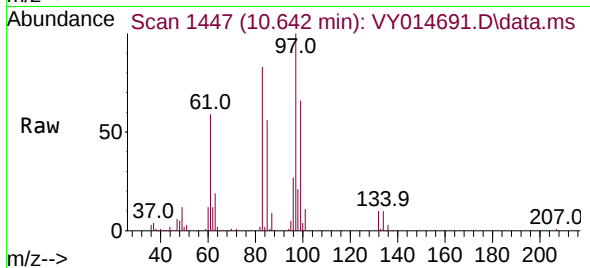
Tgt Ion: 75 Resp: 99924
Ion Ratio Lower Upper
75 100
77 31.8 24.2 36.4
39 46.0 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 20.449 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

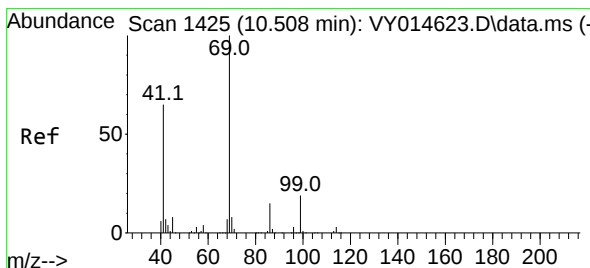
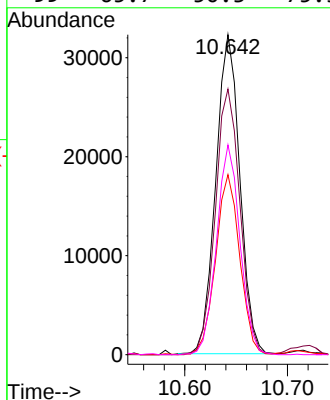
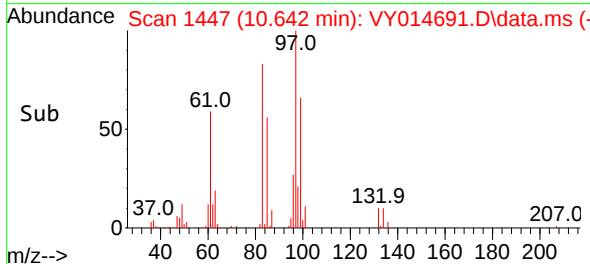
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01



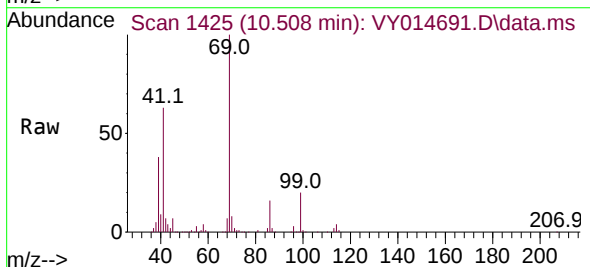
Tgt Ion: 97 Resp: 52428
Ion Ratio Lower Upper
97 100
83 83.3 72.0 108.0
85 56.4 45.4 68.0
99 65.7 50.3 75.5

Manual Integrations
APPROVED

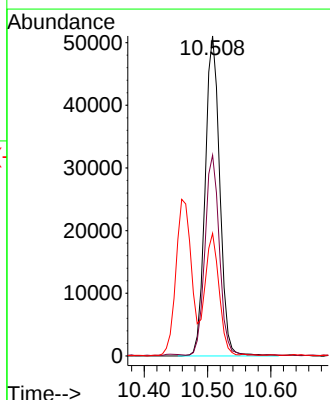
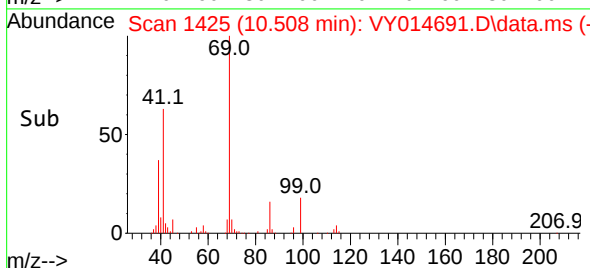
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

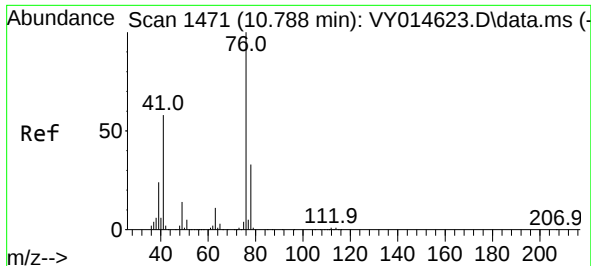


#56
Ethyl methacrylate
Concen: 20.950 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48



Tgt Ion: 69 Resp: 82009
Ion Ratio Lower Upper
69 100
41 61.7 57.6 86.4
39 36.6 34.1 51.1





#57

1,3-Dichloropropane

Concen: 20.277 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014691.D

Acq: 18 Jul 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBS01

Tgt Ion: 76 Resp: 8966

Ion Ratio Lower Upper

76 100

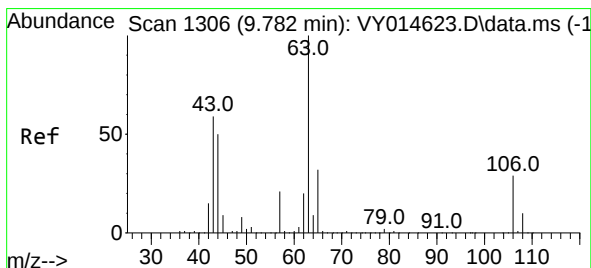
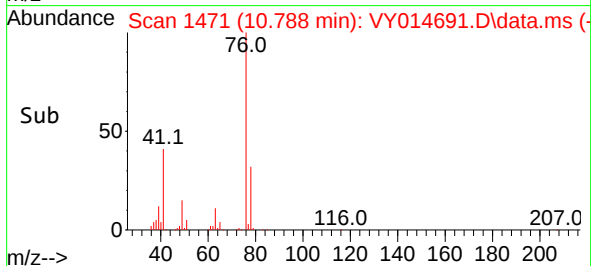
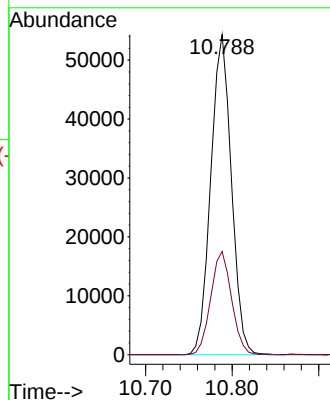
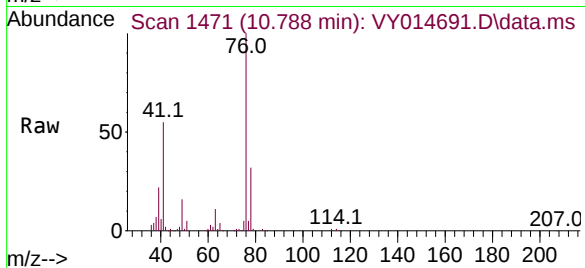
78 32.6 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#58

2-Chloroethyl Vinyl ether

Concen: 103.637 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY014691.D

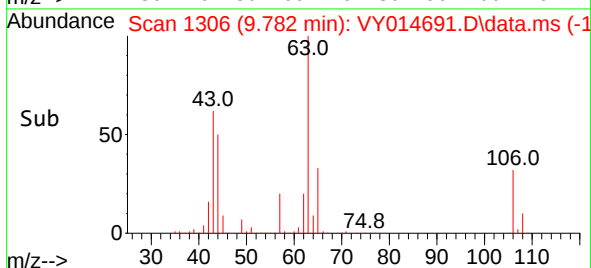
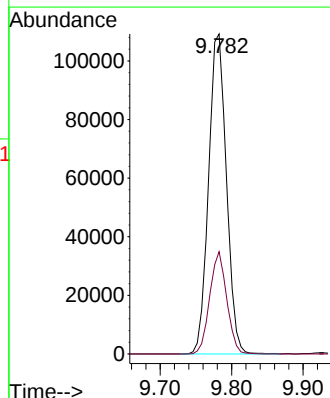
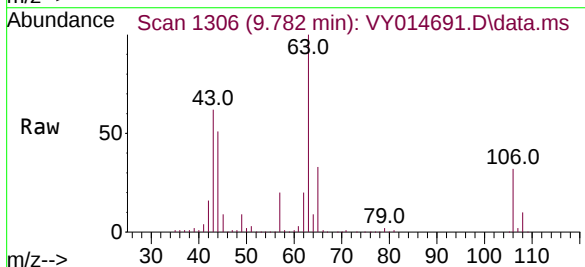
Acq: 18 Jul 2023 10:48

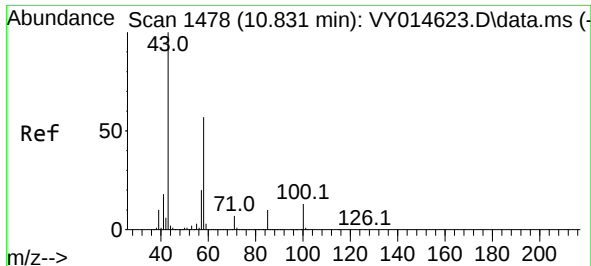
Tgt Ion: 63 Resp: 189029

Ion Ratio Lower Upper

63 100

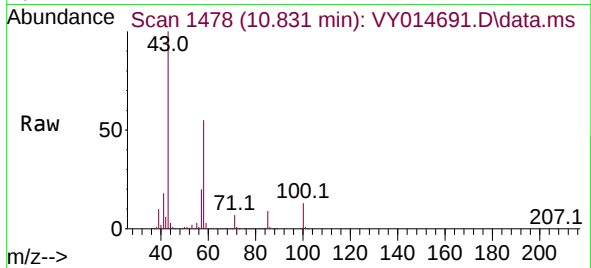
106 30.5 21.2 31.8





#59
2-Hexanone
Concen: 111.940 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

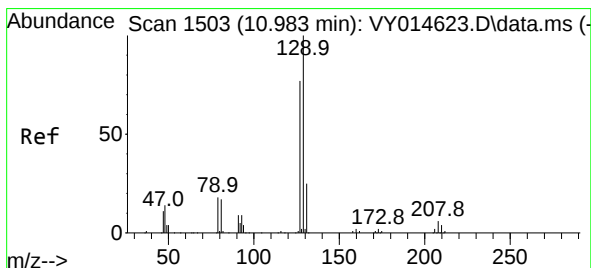
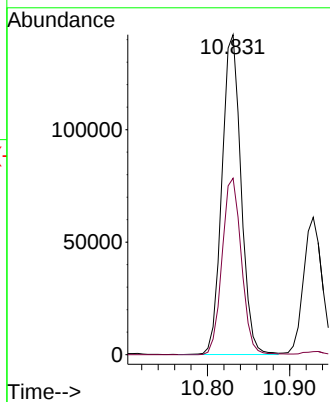
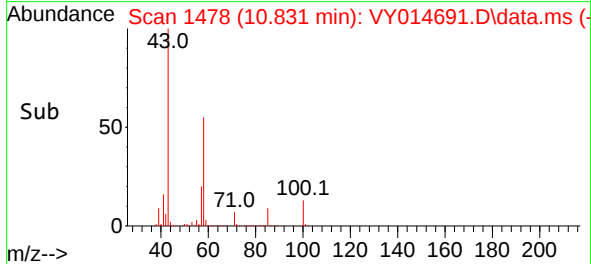
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBSD01



Tgt Ion: 43 Resp: 229649
Ion Ratio Lower Upper
43 100
58 55.9 25.1 75.3

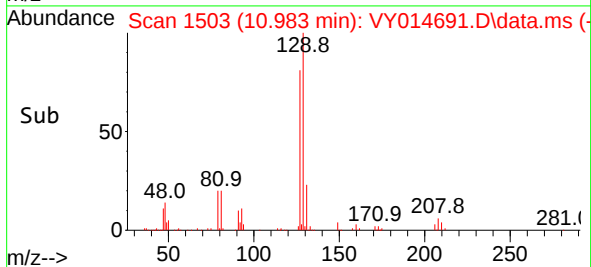
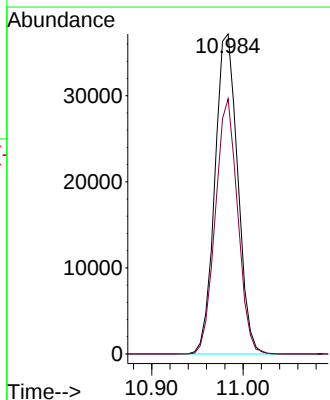
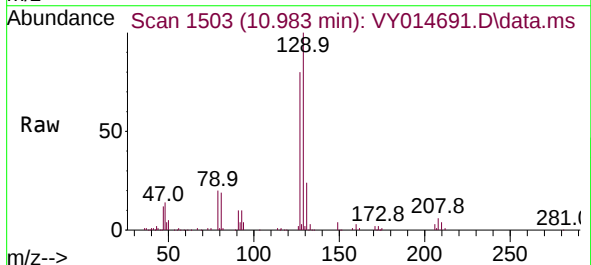
Manual Integrations
APPROVED

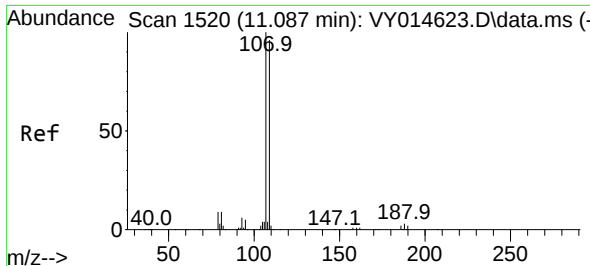
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#60
Dibromochloromethane
Concen: 20.506 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

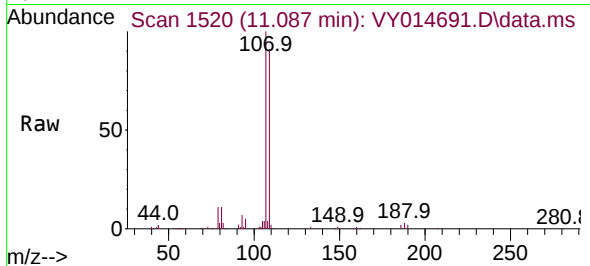
Tgt Ion:129 Resp: 64459
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.5





#61
1,2-Dibromoethane
Concen: 21.055 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

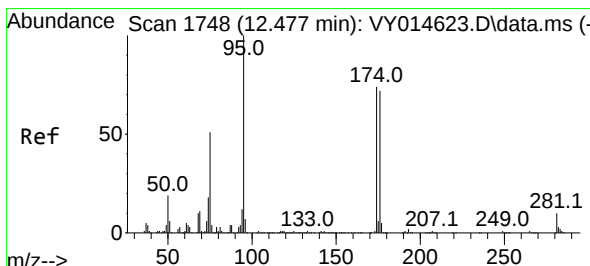
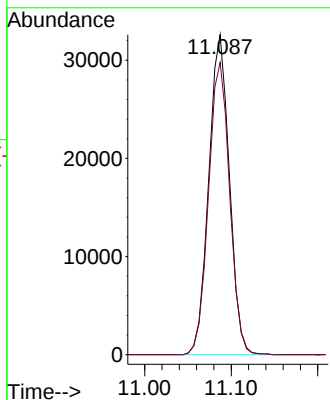
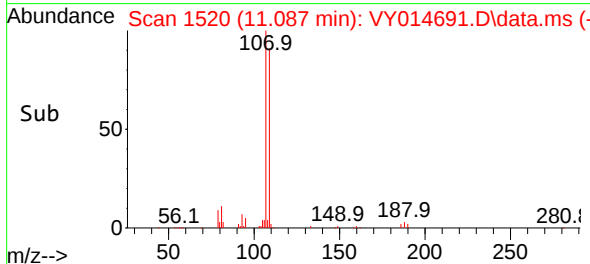
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01



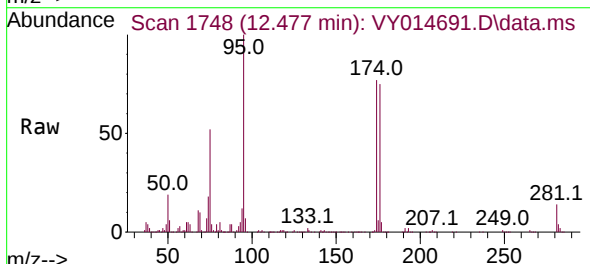
Tgt Ion:107 Resp: 5385
Ion Ratio Lower Upper
107 100
109 93.6 75.6 113.4

Manual Integrations
APPROVED

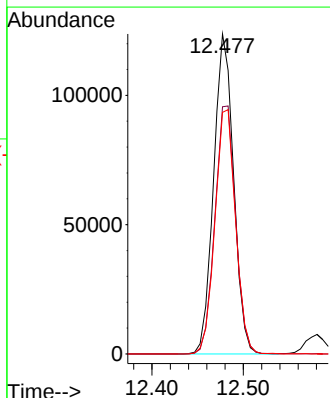
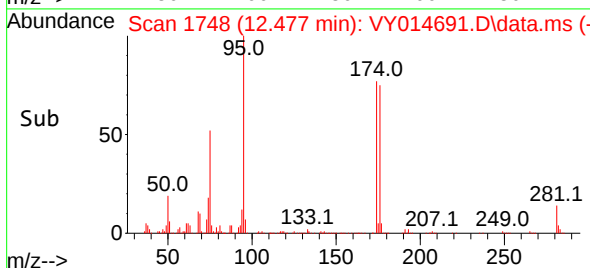
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

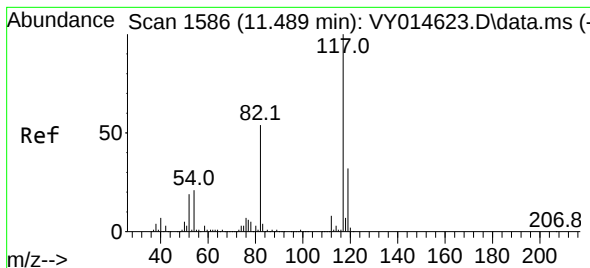


#62
4-Bromofluorobenzene
Concen: 48.632 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48



Tgt Ion: 95 Resp: 187808
Ion Ratio Lower Upper
95 100
174 80.5 0.0 178.2
176 78.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY014691.D

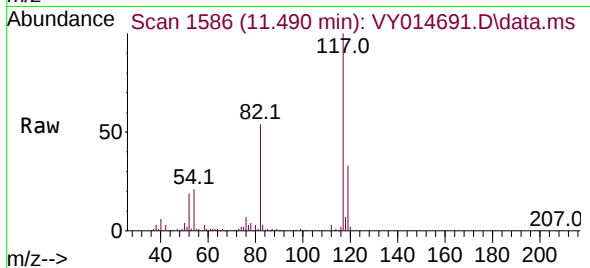
Acq: 18 Jul 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBS01



Tgt Ion:117 Resp: 377618

Ion Ratio Lower Upper

117 100

82 54.2 43.4 65.0

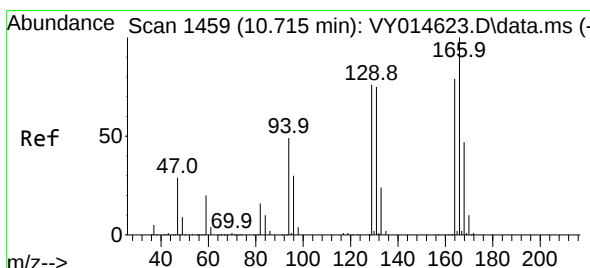
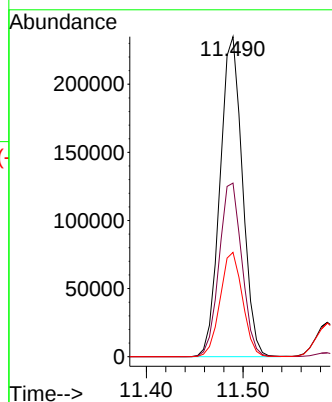
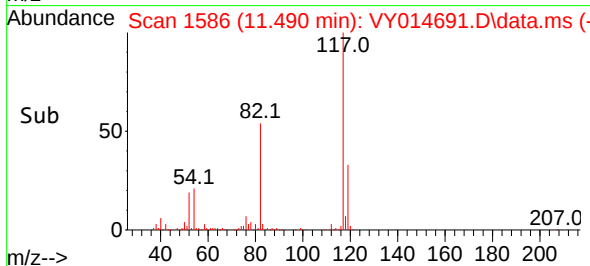
119 32.6 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#64

Tetrachloroethene

Concen: 21.069 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY014691.D

Acq: 18 Jul 2023 10:48

Tgt Ion:164 Resp: 63987

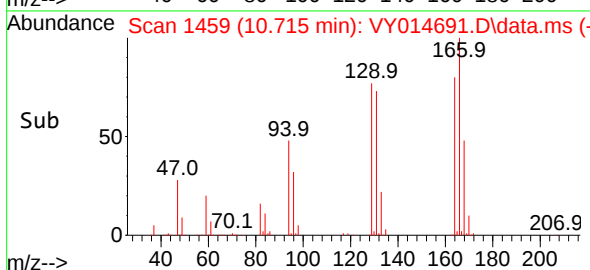
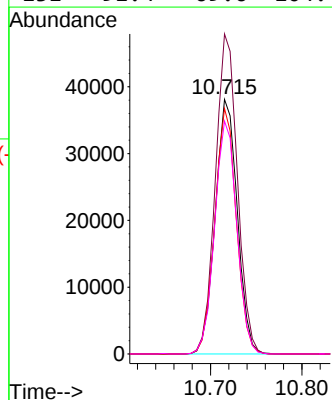
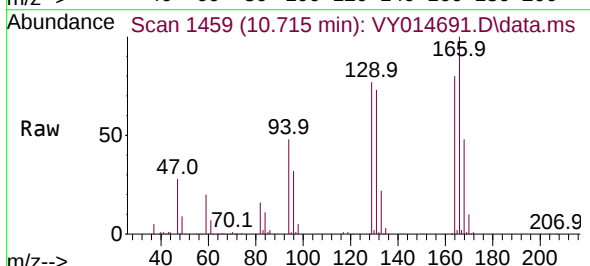
Ion Ratio Lower Upper

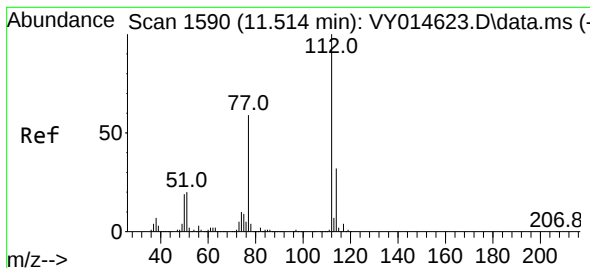
164 100

166 125.7 103.0 154.6

129 96.4 77.2 115.8

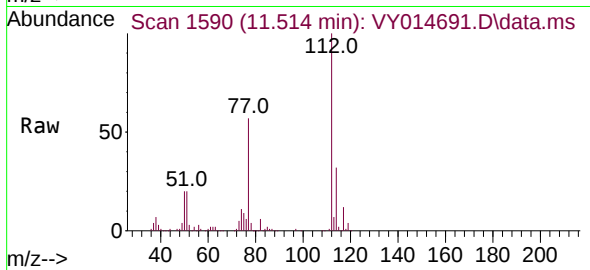
131 91.4 69.6 104.4





#65
Chlorobenzene
Concen: 20.050 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

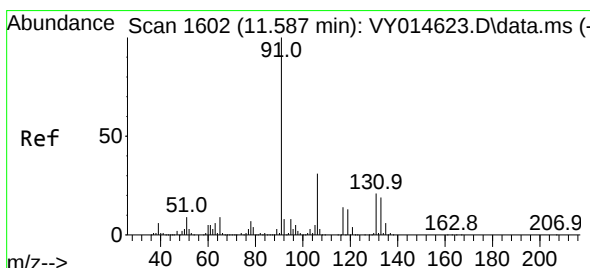
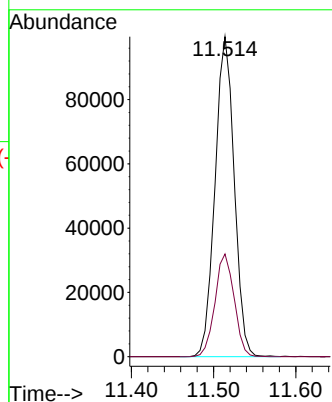
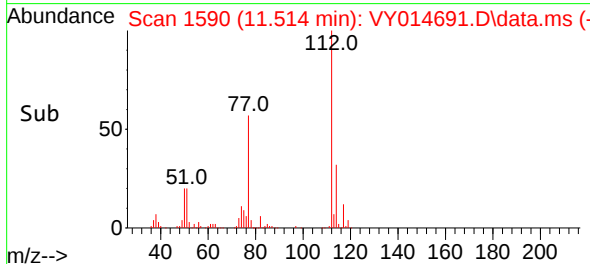
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01



Tgt Ion:112 Resp: 161340
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3

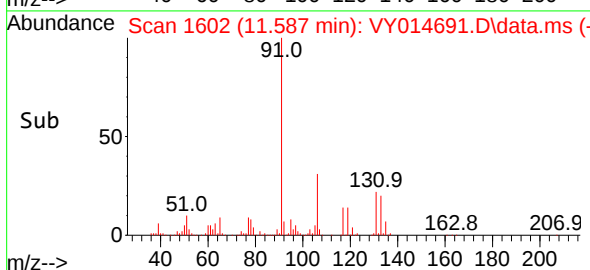
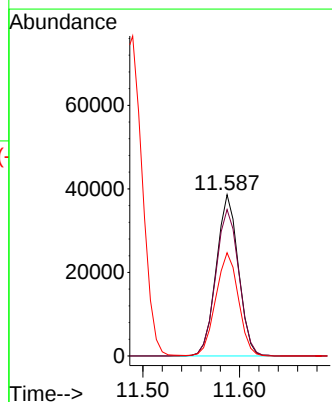
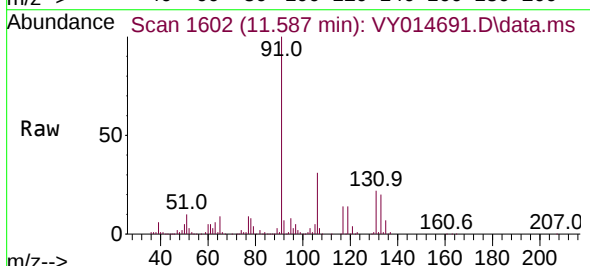
Manual Integrations
APPROVED

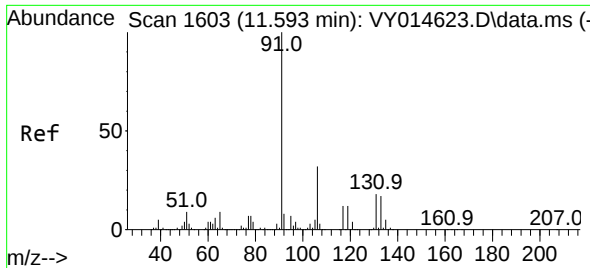
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.177 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

Tgt Ion:131 Resp: 61217
Ion Ratio Lower Upper
131 100
133 95.3 47.5 142.6
119 65.6 31.6 94.7





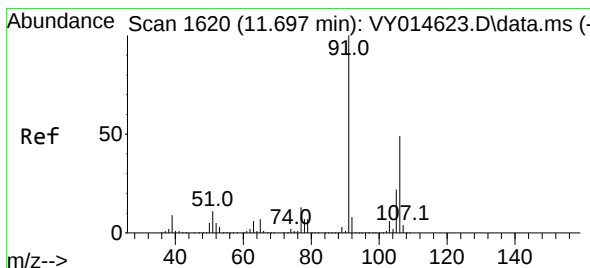
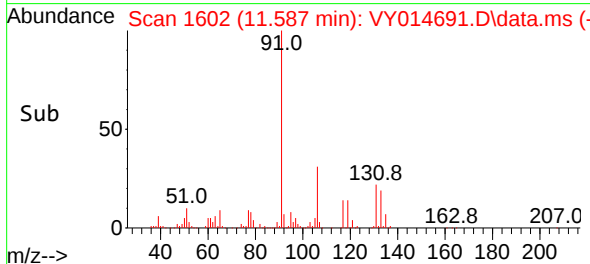
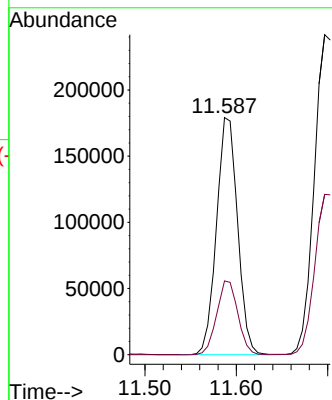
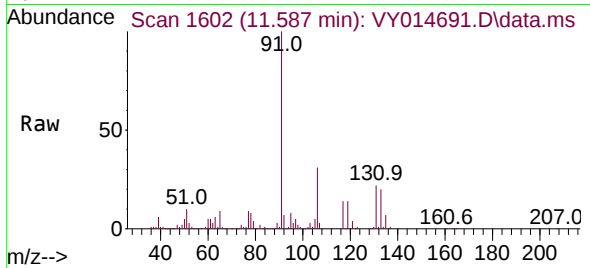
#67
Ethyl Benzene
Concen: 19.785 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

Tgt Ion: 91 Resp: 28744
Ion Ratio Lower Upper
91 100
106 31.1 24.6 36.8

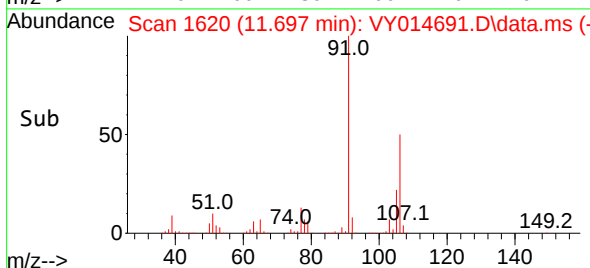
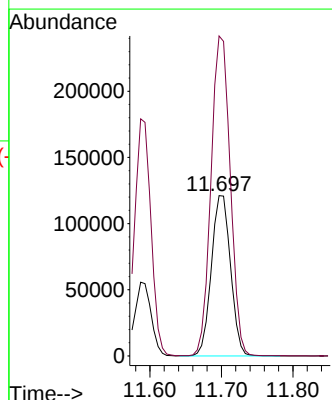
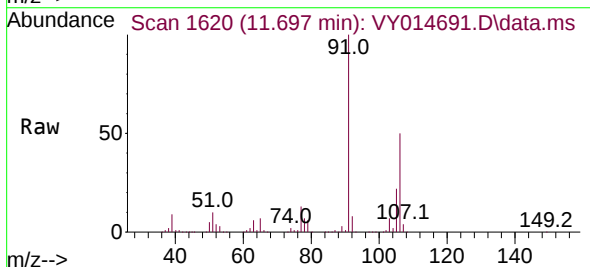
Manual Integrations
APPROVED

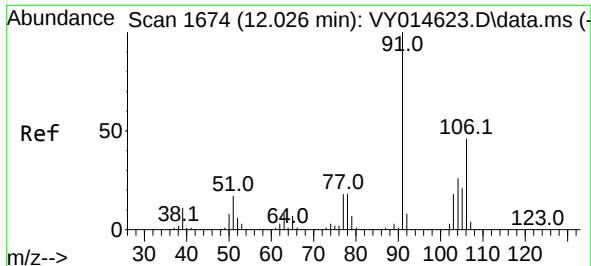
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#68
m/p-Xylenes
Concen: 40.677 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

Tgt Ion:106 Resp: 225597
Ion Ratio Lower Upper
106 100
91 200.5 166.1 249.1





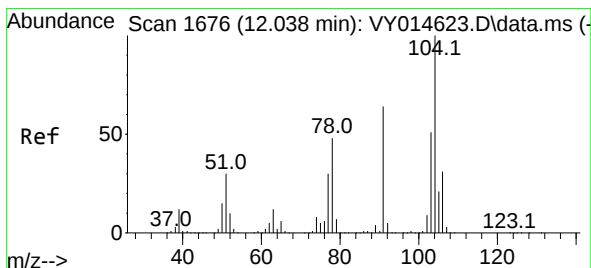
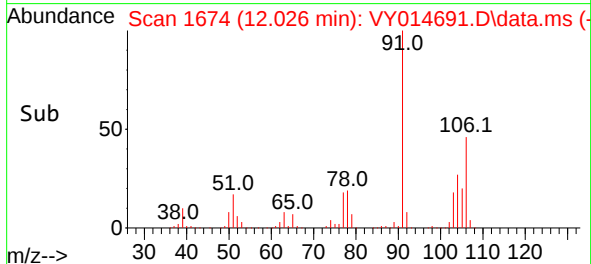
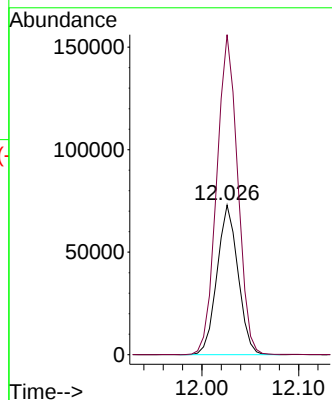
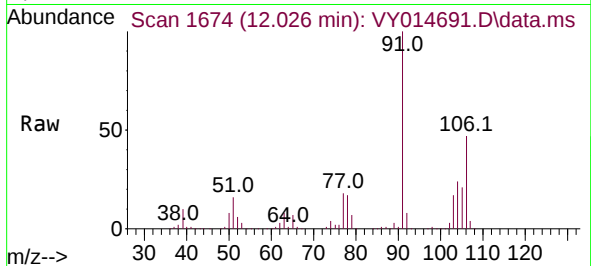
#69
o-Xylene
Concen: 20.315 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

Tgt Ion:106 Resp: 10973
Ion Ratio Lower Upper
106 100
91 214.5 108.1 324.3

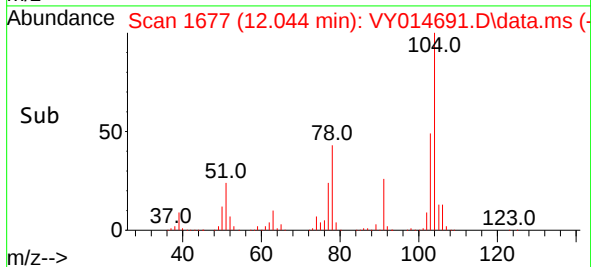
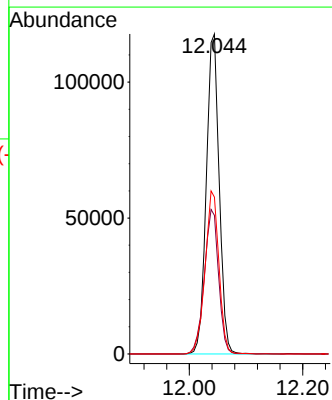
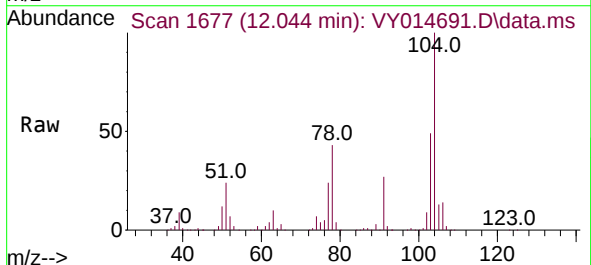
Manual Integrations
APPROVED

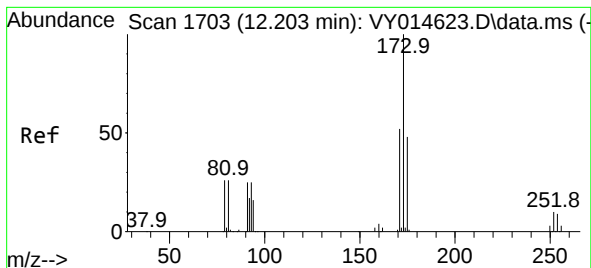
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#70
Styrene
Concen: 20.380 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

Tgt Ion:104 Resp: 185546
Ion Ratio Lower Upper
104 100
78 50.2 41.5 62.3
103 54.9 44.6 67.0





#71

Bromoform

Concen: 21.468 ug/l

RT: 12.203 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VY014691.D

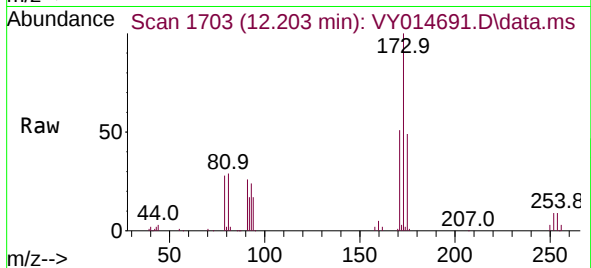
Acq: 18 Jul 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBS01



Tgt Ion:173 Resp: 44150

Ion Ratio Lower Upper

173 100

175 49.3 24.6 73.8

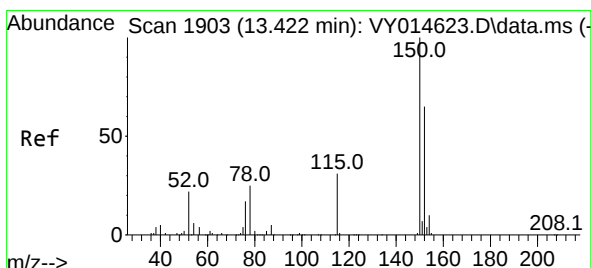
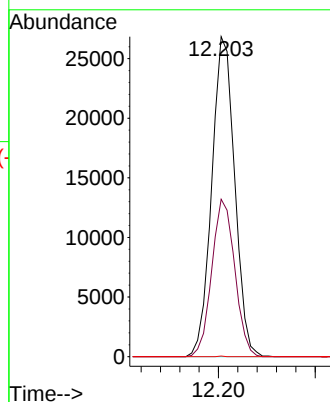
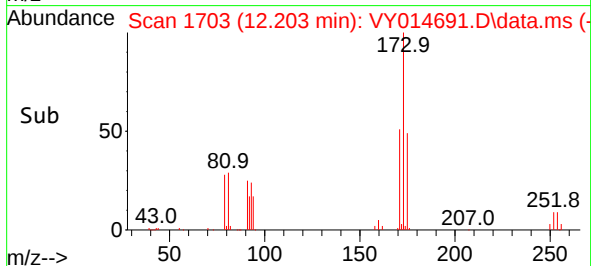
254 0.0 0.2 0.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#72

1,4-Dichlorobenzene-d4

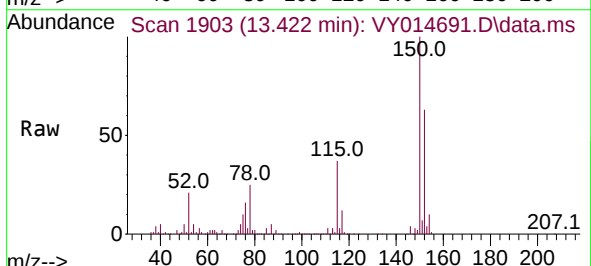
Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014691.D

Acq: 18 Jul 2023 10:48



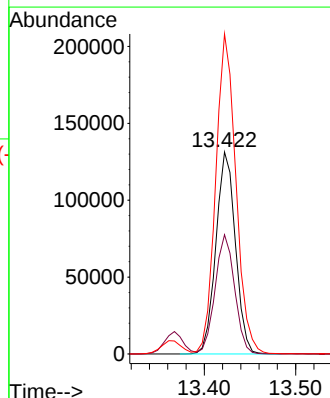
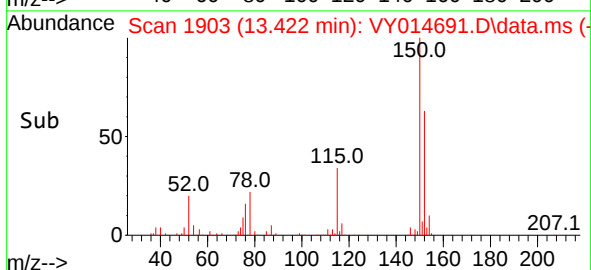
Tgt Ion:152 Resp: 195036

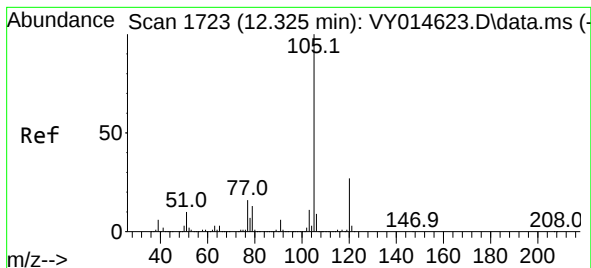
Ion Ratio Lower Upper

152 100

115 59.2 28.8 86.5

150 164.2 0.0 348.8





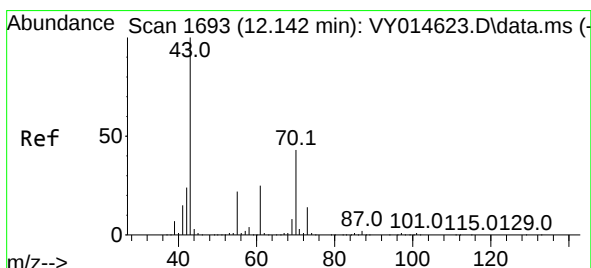
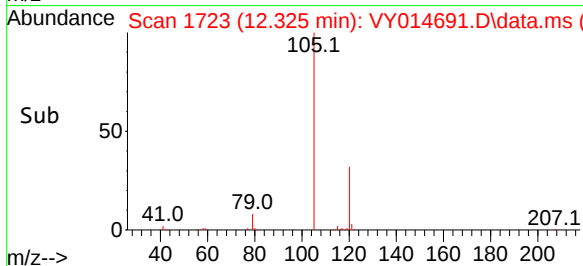
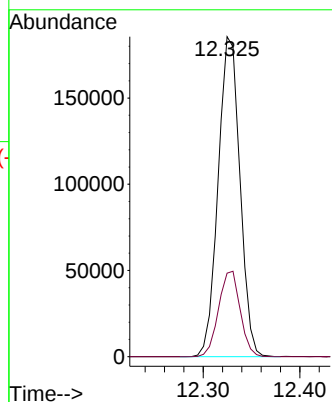
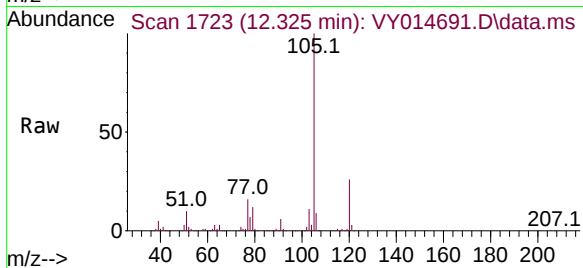
#73
Isopropylbenzene
Concen: 18.994 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

Tgt Ion:105 Resp: 290072
Ion Ratio Lower Upper
105 100
120 26.4 13.3 39.9

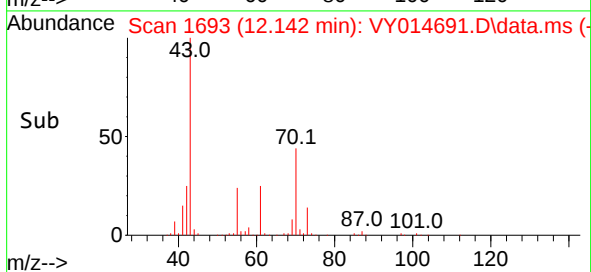
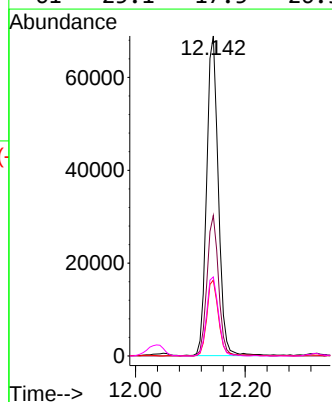
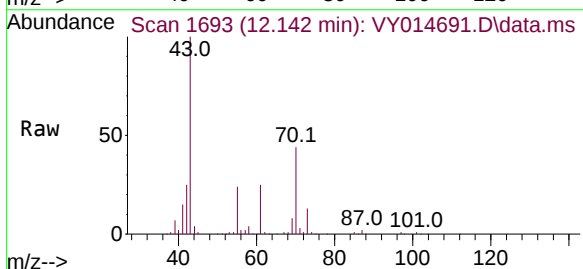
Manual Integrations
APPROVED

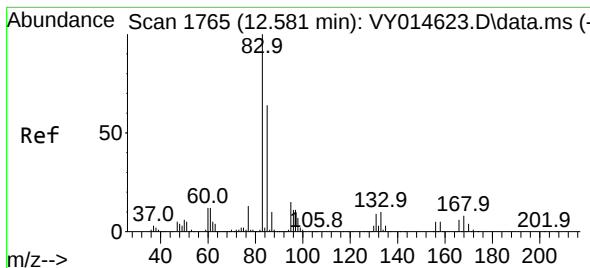
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#74
N-ethyl acetate
Concen: 19.827 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

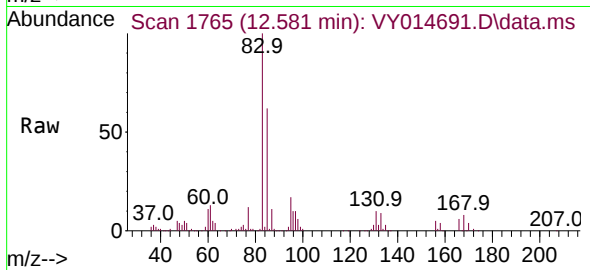
Tgt Ion: 43 Resp: 101410
Ion Ratio Lower Upper
43 100
70 43.3 29.7 44.5
55 23.8 18.3 27.5
61 25.1 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 20.359 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

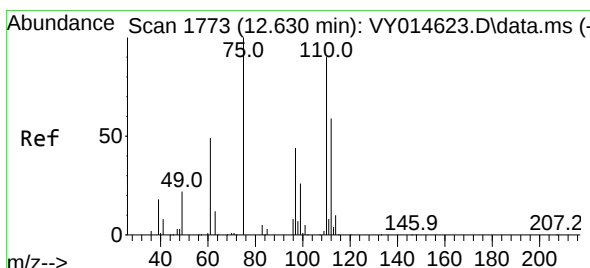
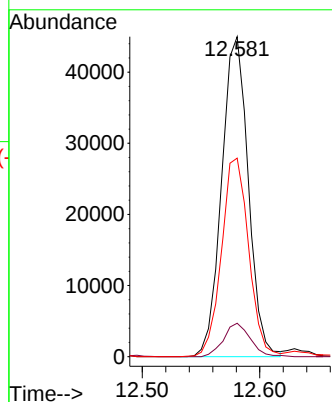
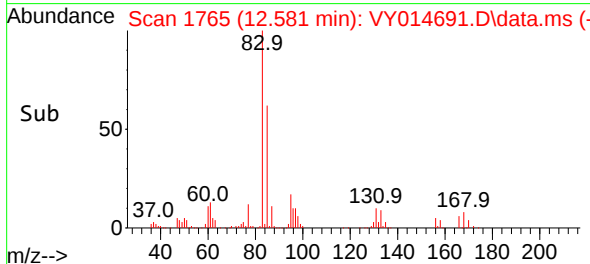
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01



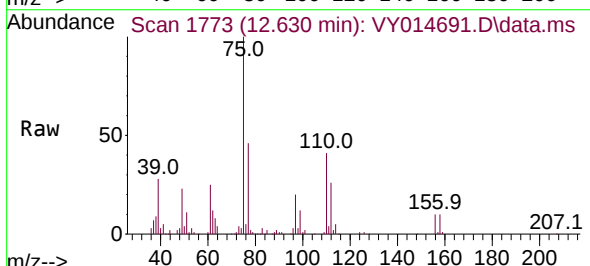
Tgt Ion: 83 Resp: 7090
Ion Ratio Lower Upper
83 100
131 10.5 5.4 16.2
85 63.3 31.8 95.4

Manual Integrations
APPROVED

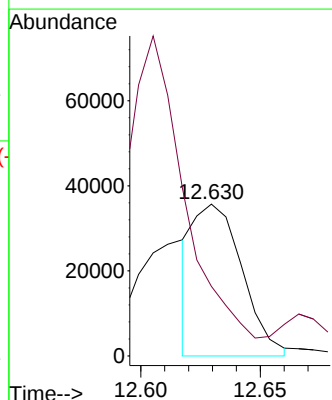
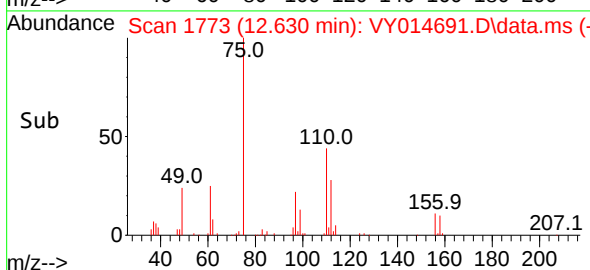
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

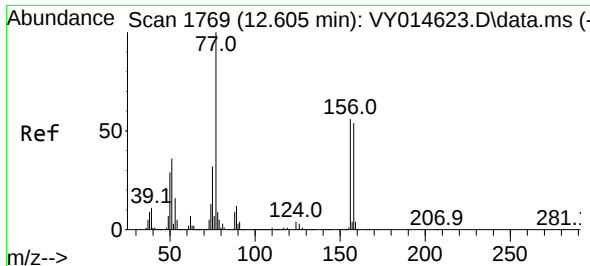


#76
1,2,3-Trichloropropane
Concen: 20.663 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48



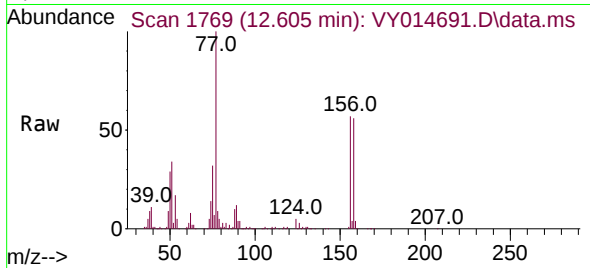
Tgt Ion: 75 Resp: 50897
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 19.394 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

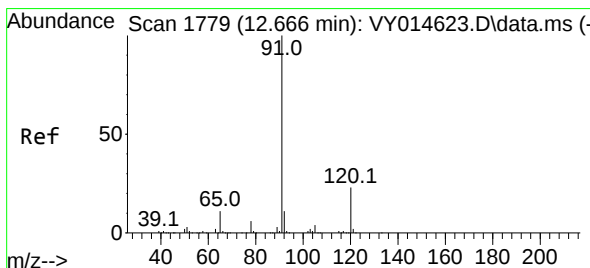
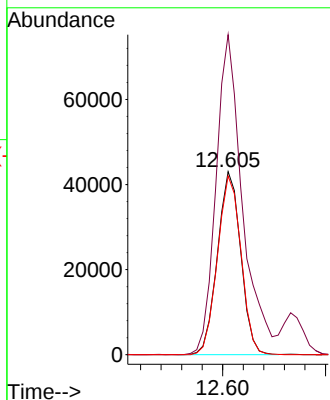
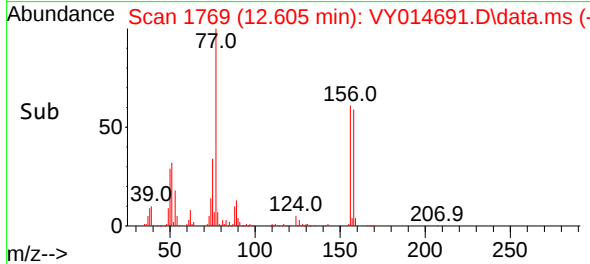
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBSD01



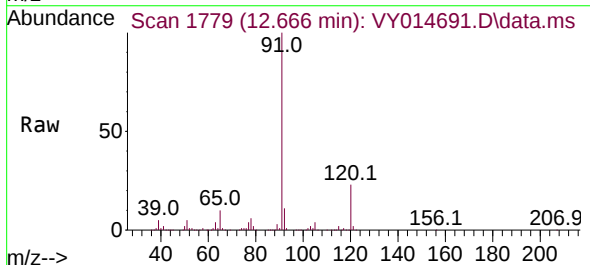
Tgt Ion:156 Resp: 67609
Ion Ratio Lower Upper
156 100
77 197.6 92.8 278.6
158 98.7 48.4 145.3

Manual Integrations
APPROVED

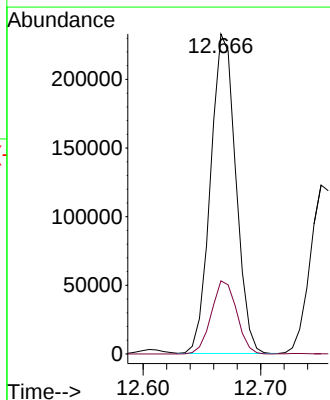
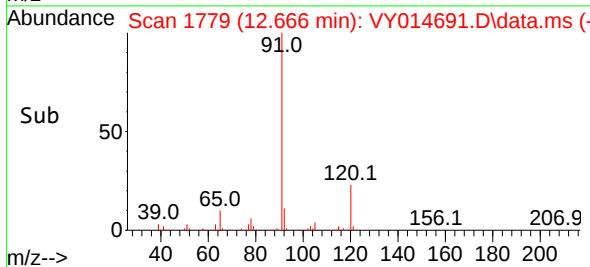
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

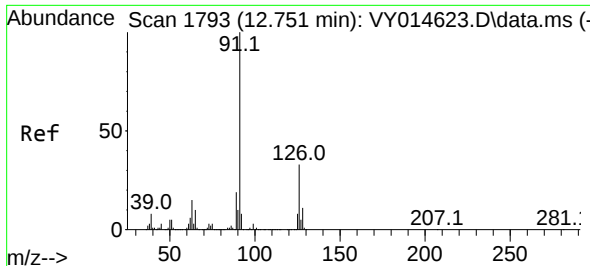


#78
n-propylbenzene
Concen: 18.895 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48



Tgt Ion: 91 Resp: 347718
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.4





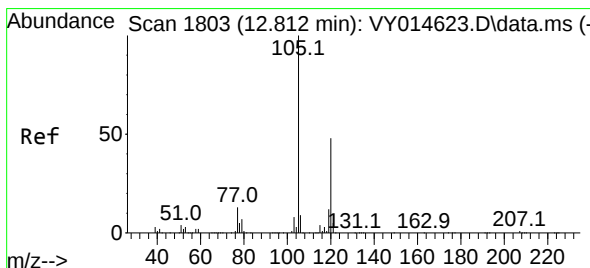
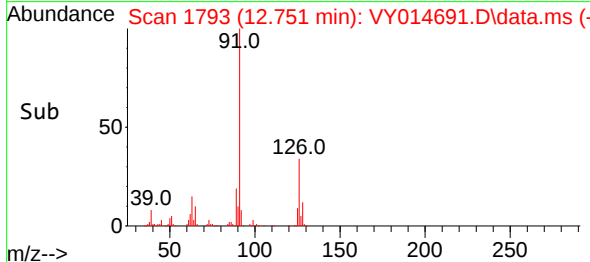
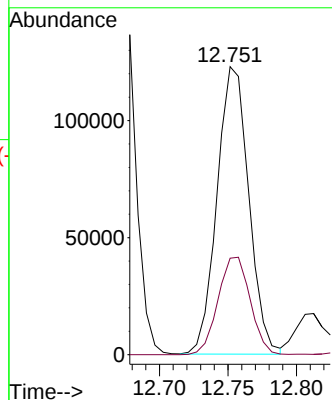
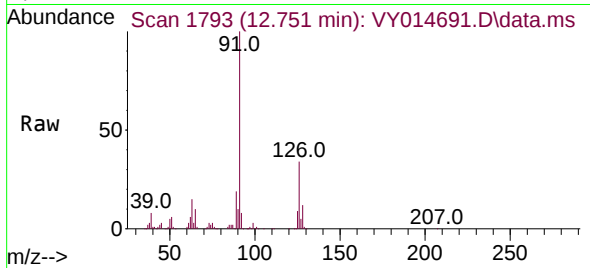
#79
2-Chlorotoluene
Concen: 18.699 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

Tgt Ion: 91 Resp: 19819
Ion Ratio Lower Upper
91 100
126 34.3 17.3 51.7

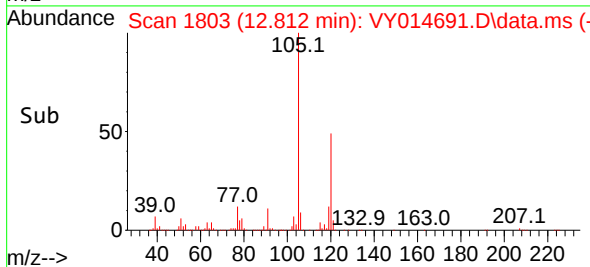
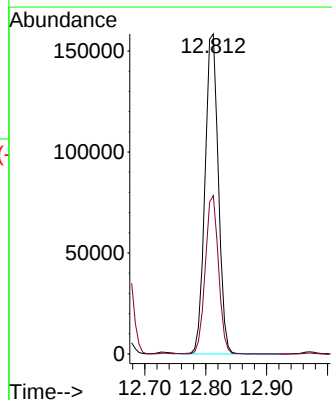
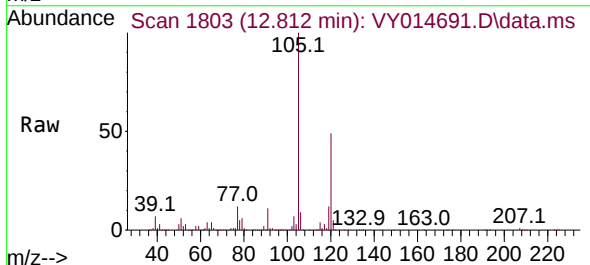
Manual Integrations
APPROVED

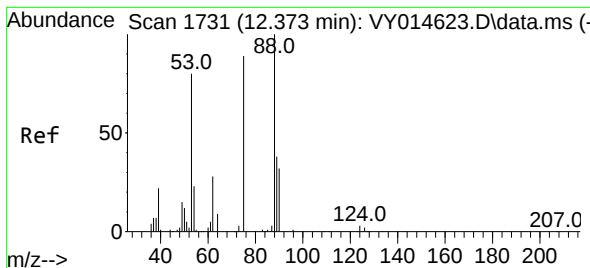
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#80
1,3,5-Trimethylbenzene
Concen: 18.993 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

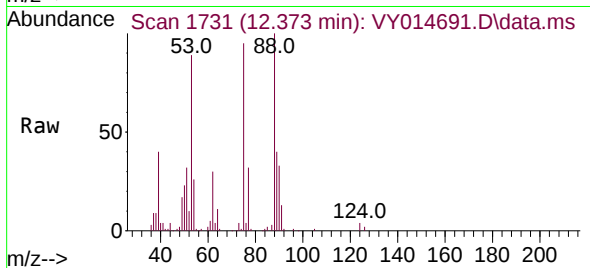
Tgt Ion:105 Resp: 242229
Ion Ratio Lower Upper
105 100
120 49.1 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 19.963 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

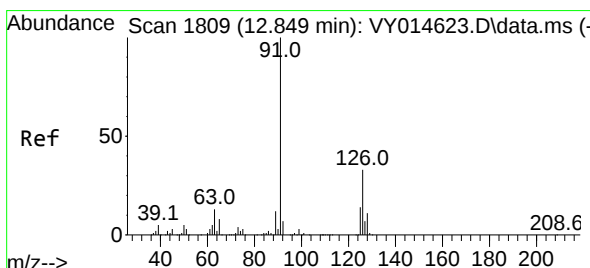
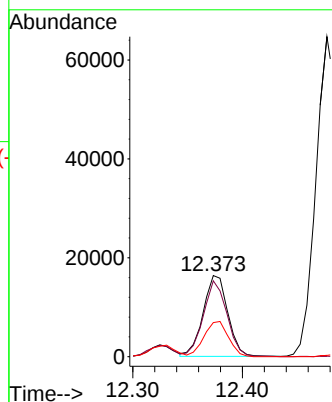
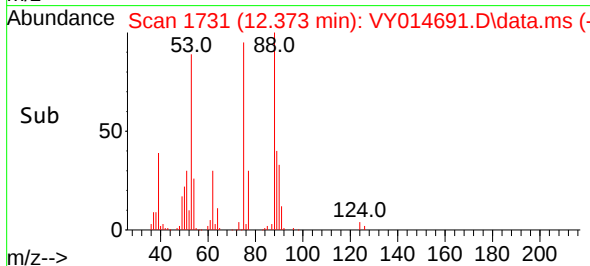
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBSD01



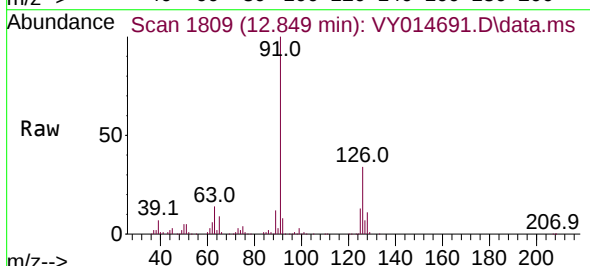
Tgt Ion: 75 Resp: 25398
Ion Ratio Lower Upper
75 100
53 91.2 77.8 116.8
89 43.5 37.4 56.0

Manual Integrations
APPROVED

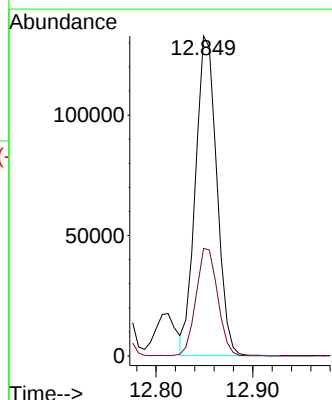
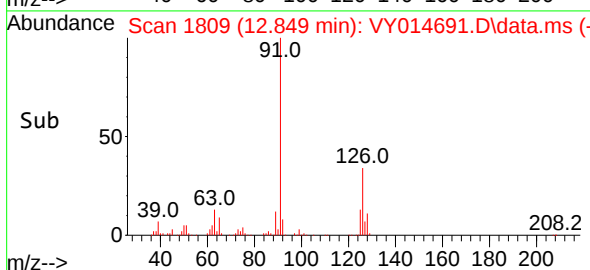
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

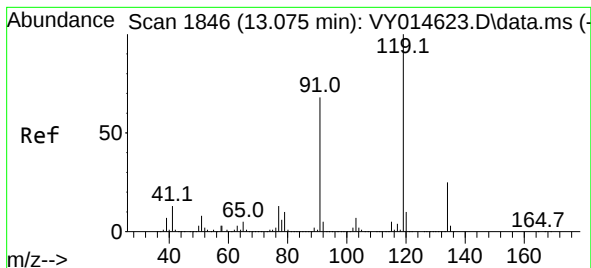


#82
4-Chlorotoluene
Concen: 18.627 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48



Tgt Ion: 91 Resp: 203339
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.6





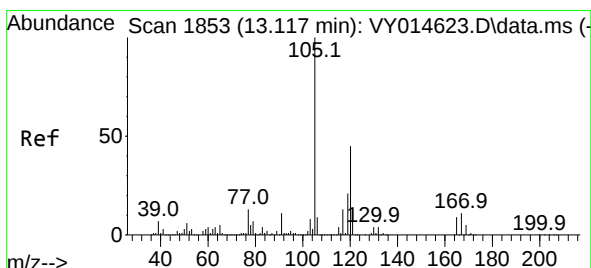
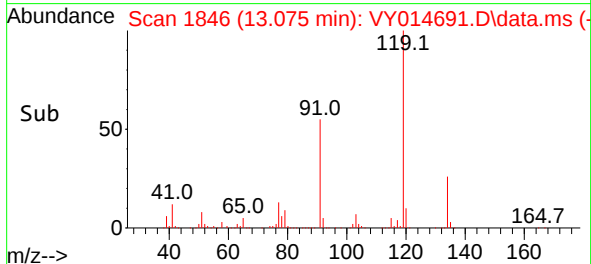
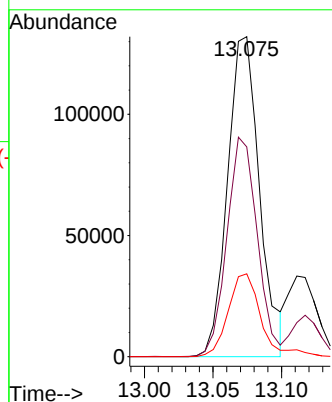
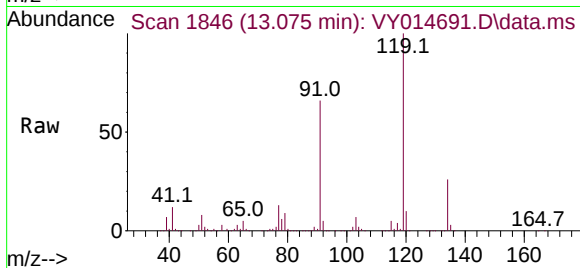
#83
tert-Butylbenzene
Concen: 18.988 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

Tgt Ion:119 Resp: 214820
Ion Ratio Lower Upper
119 100
91 65.1 32.9 98.6
134 26.6 13.0 38.9

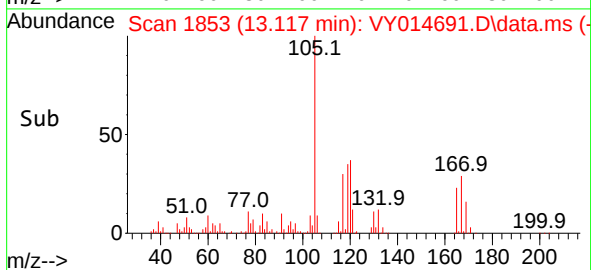
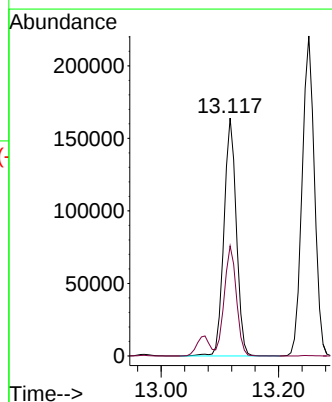
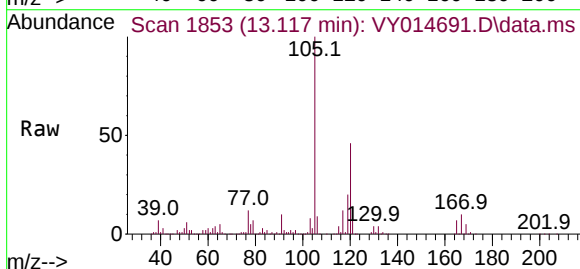
Manual Integrations
APPROVED

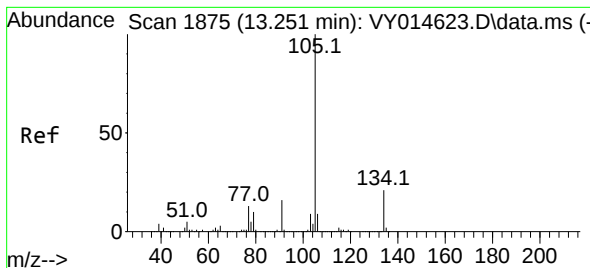
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#84
1,2,4-Trimethylbenzene
Concen: 19.177 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

Tgt Ion:105 Resp: 240028
Ion Ratio Lower Upper
105 100
120 44.9 22.2 66.6





#85

sec-Butylbenzene

Concen: 19.290 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY014691.D

Acq: 18 Jul 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBS01

Tgt Ion:105 Resp: 320130

Ion Ratio Lower Upper

105 100

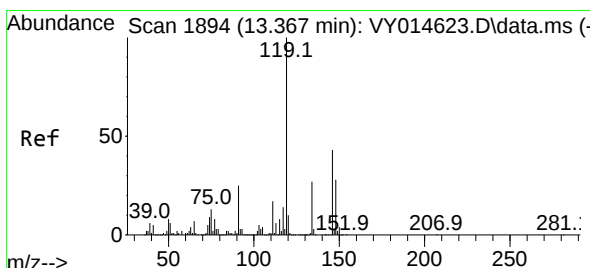
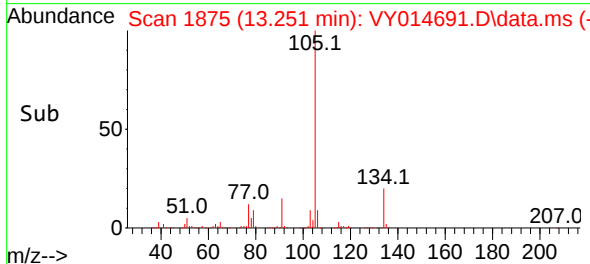
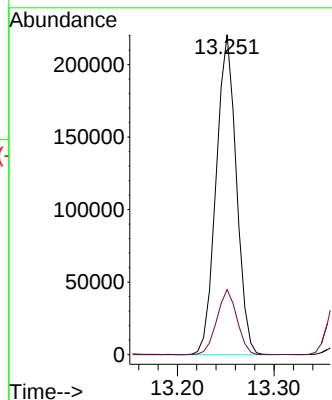
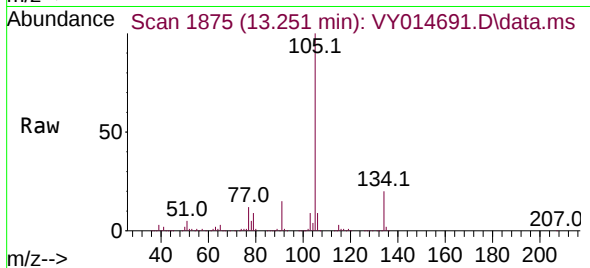
134 20.2 10.2 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#86

p-Isopropyltoluene

Concen: 19.481 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY014691.D

Acq: 18 Jul 2023 10:48

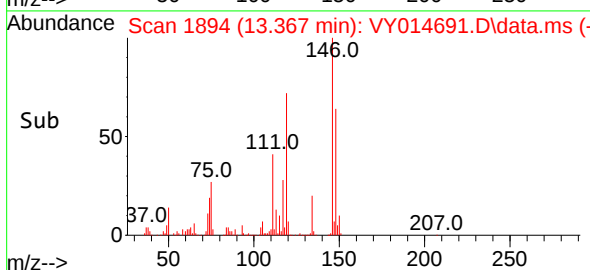
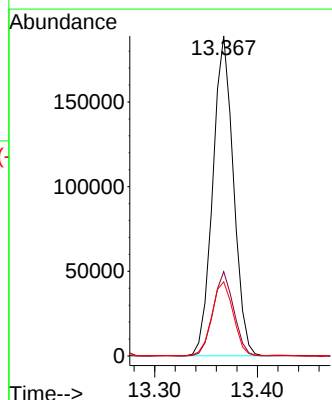
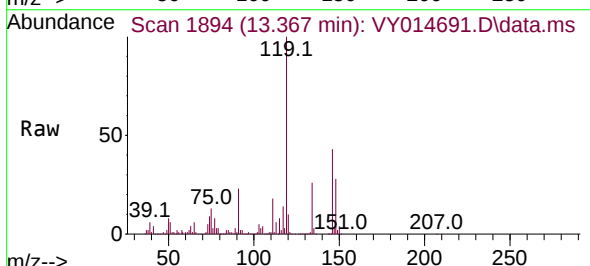
Tgt Ion:119 Resp: 263966

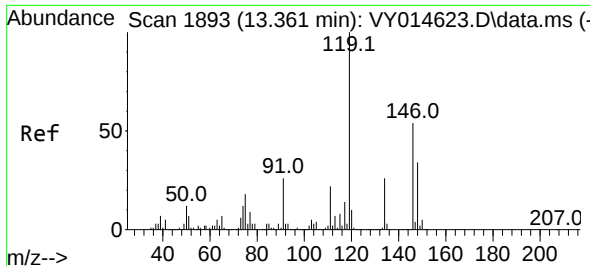
Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.8

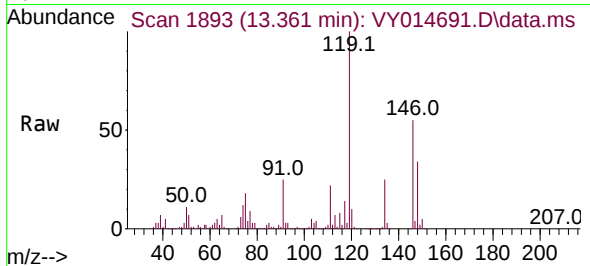
91 24.0 12.4 37.4





#87
 1,3-Dichlorobenzene
 Concen: 19.732 ug/l
 RT: 13.361 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VY014691.D
 Acq: 18 Jul 2023 10:48

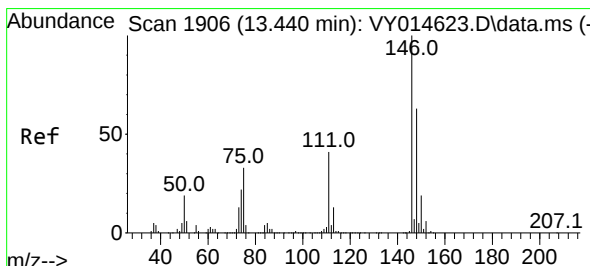
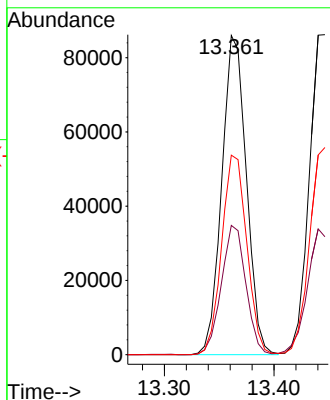
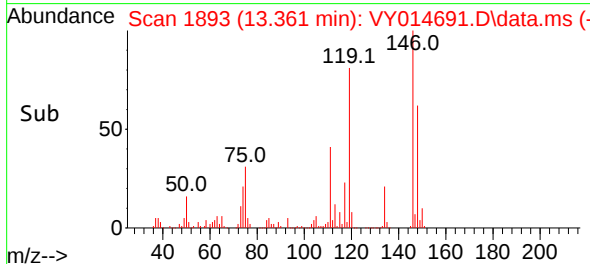
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0718SBS01



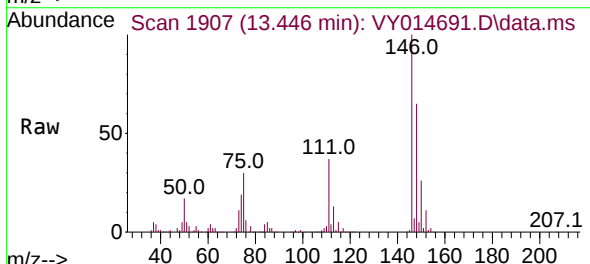
Tgt Ion:146 Resp: 13387
 Ion Ratio Lower Upper
 146 100
 111 40.4 19.4 58.2
 148 63.9 31.9 95.5

Manual Integrations
 APPROVED

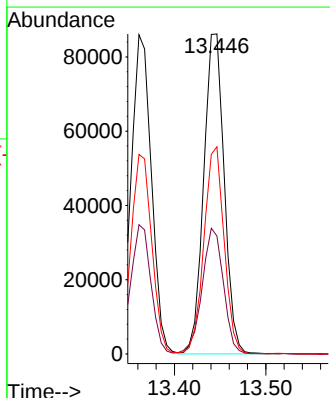
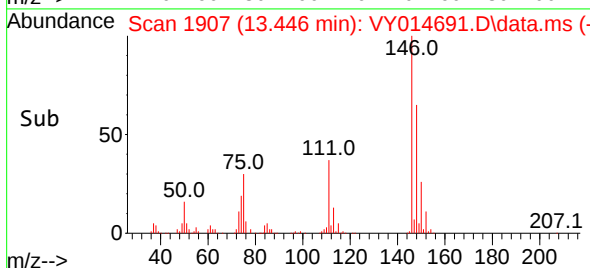
Reviewed By :John Carlone 07/19/2023
 Supervised By :Mahesh Dadoda 07/19/2023

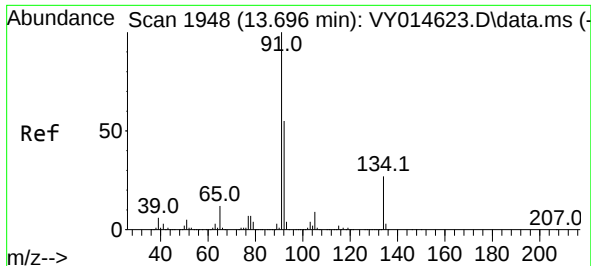


#88
 1,4-Dichlorobenzene
 Concen: 19.747 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. 0.006 min
 Lab File: VY014691.D
 Acq: 18 Jul 2023 10:48



Tgt Ion:146 Resp: 134254
 Ion Ratio Lower Upper
 146 100
 111 40.8 18.9 56.7
 148 64.0 32.1 96.5





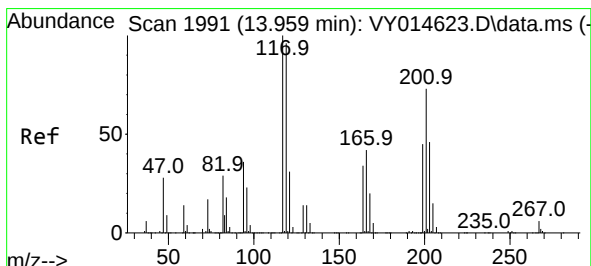
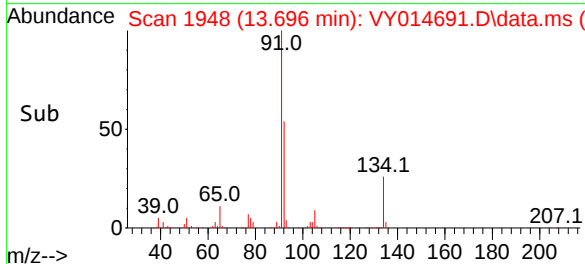
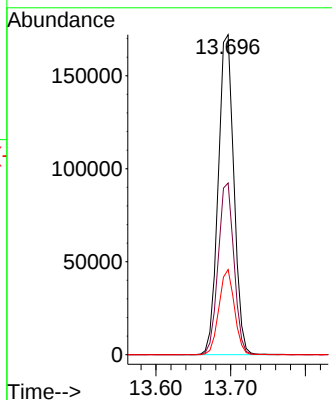
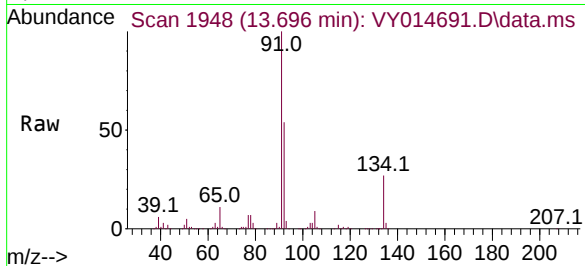
#89
n-Butylbenzene
Concen: 19.013 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

Tgt Ion: 91 Resp: 250649
Ion Ratio Lower Upper
91 100
92 54.0 25.4 76.0
134 26.3 12.6 37.6

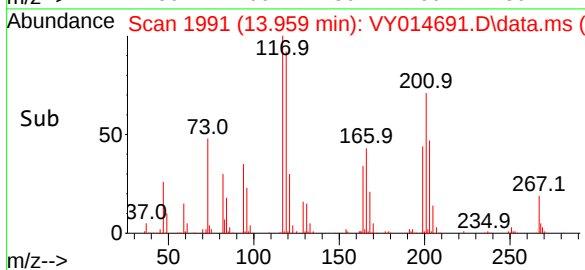
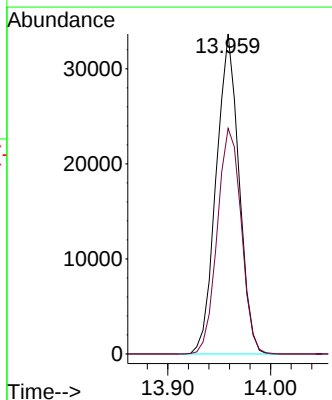
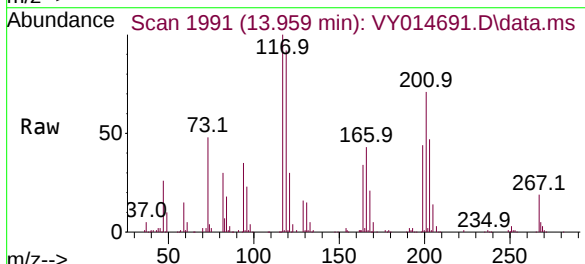
Manual Integrations
APPROVED

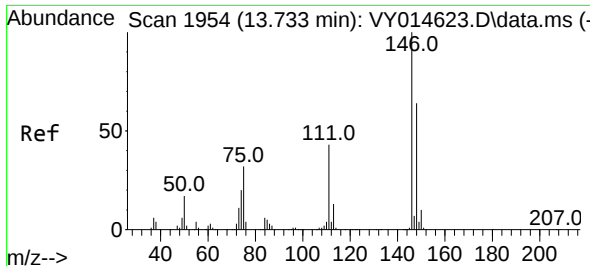
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#90
Hexachloroethane
Concen: 18.623 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

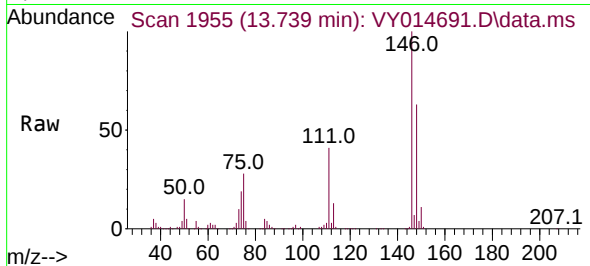
Tgt Ion:117 Resp: 51832
Ion Ratio Lower Upper
117 100
201 74.0 41.6 124.8





#91
1,2-Dichlorobenzene
Concen: 19.771 ug/l
RT: 13.739 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

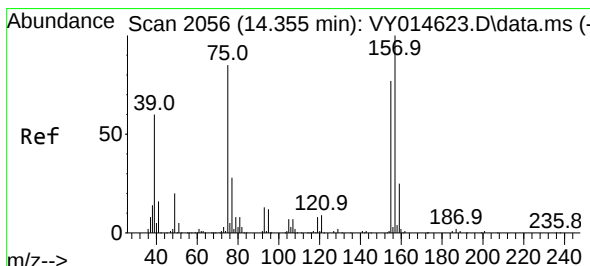
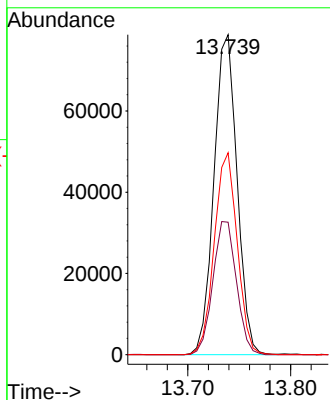
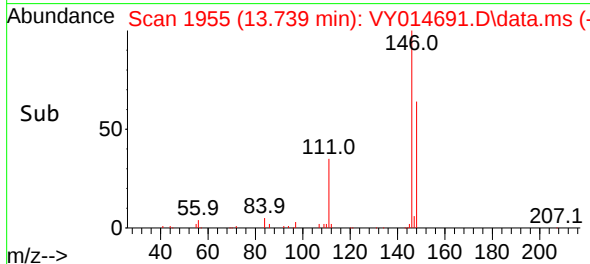
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBSD01



Tgt Ion:146 Resp: 12289
Ion Ratio Lower Upper
146 100
111 42.5 19.7 59.0
148 62.8 32.0 96.2

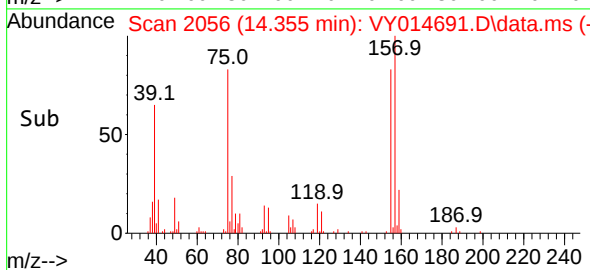
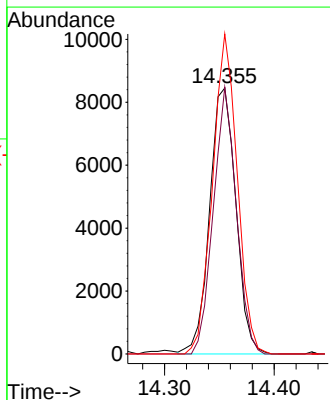
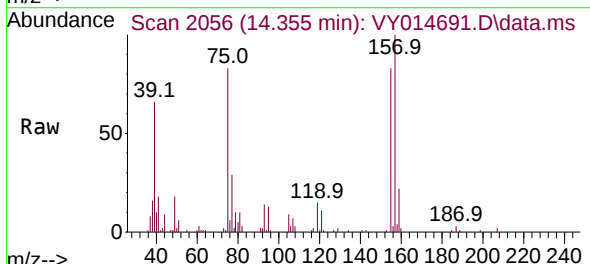
Manual Integrations
APPROVED

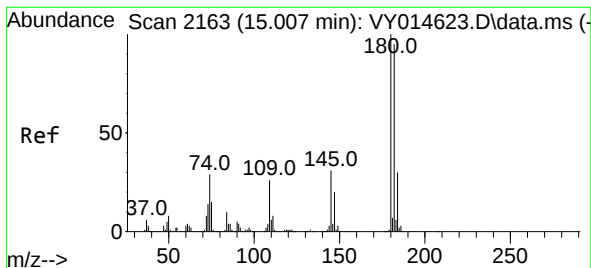
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.098 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

Tgt Ion: 75 Resp: 14051
Ion Ratio Lower Upper
75 100
155 87.8 41.5 124.6
157 113.6 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.141 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014691.D

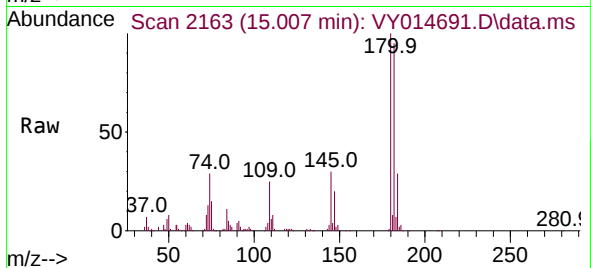
Acq: 18 Jul 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBS01



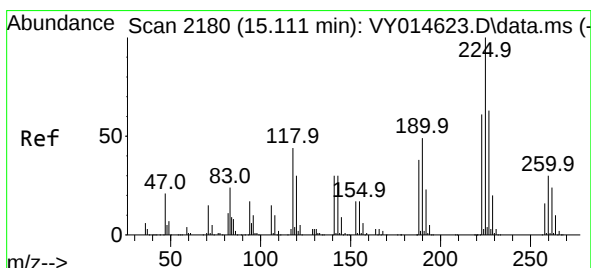
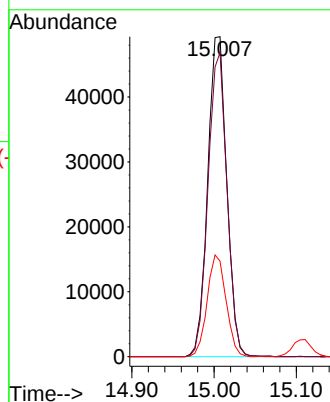
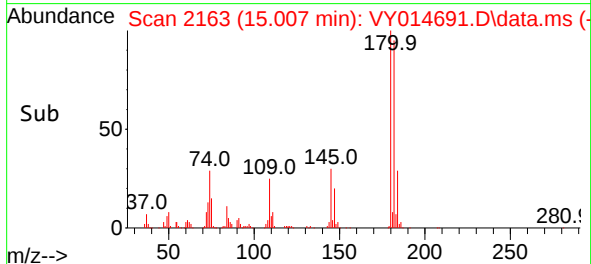
Tgt Ion:180	Resp:	7947
Ion Ratio	Lower	Upper
180	100	
182	94.3	47.0 141.2
145	31.5	14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#94

Hexachlorobutadiene

Concen: 19.700 ug/l

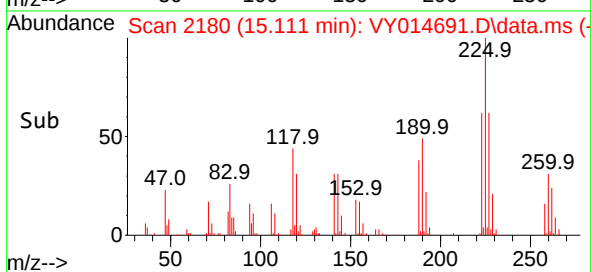
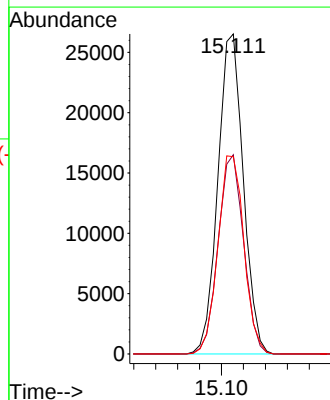
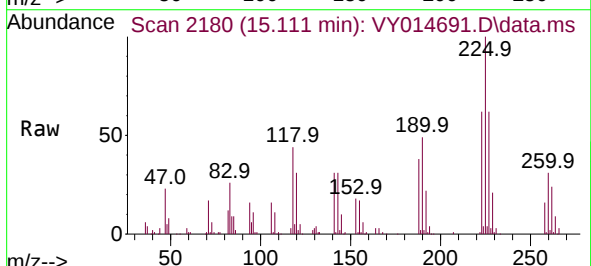
RT: 15.111 min Scan# 2180

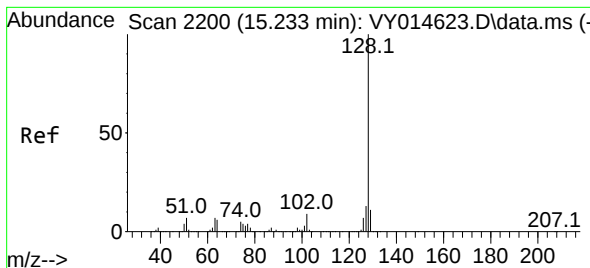
Delta R.T. -0.000 min

Lab File: VY014691.D

Acq: 18 Jul 2023 10:48

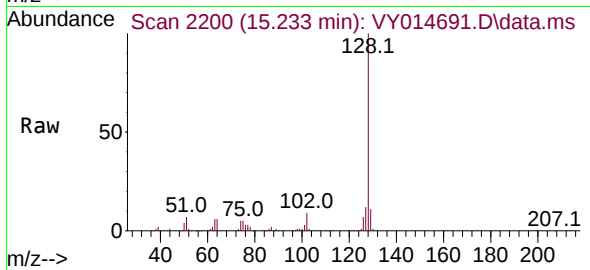
Tgt Ion:225	Resp:	42717
Ion Ratio	Lower	Upper
225	100	
223	62.3	31.9 95.9
227	63.2	33.0 98.9





#95
Naphthalene
Concen: 21.198 ug/l
RT: 15.233 min Scan# 2119
Delta R.T. -0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

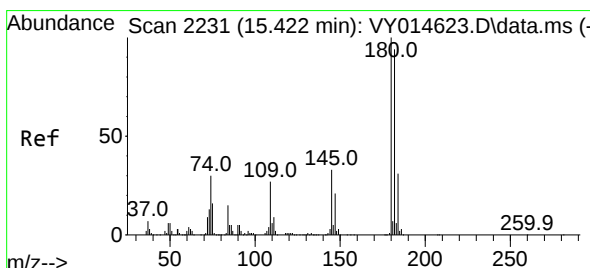
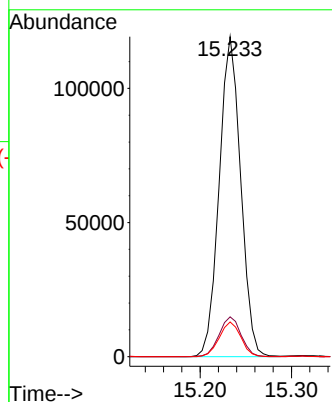
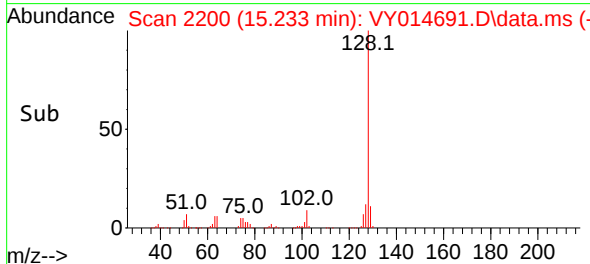
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01



Tgt Ion:128 Resp: 19486
Ion Ratio Lower Upper
128 100
127 12.8 10.8 16.2
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#96
1,2,3-Trichlorobenzene
Concen: 20.419 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

Tgt Ion:180 Resp: 71607
Ion Ratio Lower Upper
180 100
182 94.0 47.3 141.8
145 33.1 15.4 46.2

