

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051123\
 Data File : VY013723.D
 Acq On : 11 May 2023 18:07
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/12/2023
 Supervised By : Mahesh Dadoda 05/17/2023

Quant Time: May 12 04:46:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	418823	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	650772	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	589171	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	289017	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	262792	57.238	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.480%			
35) Dibromofluoromethane	7.710	113	225861	55.181	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.360%			
50) Toluene-d8	10.173	98	779056	53.504	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.000%			
62) 4-Bromofluorobenzene	12.477	95	282172	57.483	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 114.960%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	111726	28.060	ug/l	100
3) Chloromethane	2.107	50	143501	26.887	ug/l	97
4) Vinyl Chloride	2.247	62	142279	26.774	ug/l	99
5) Bromomethane	2.644	94	108536	25.629	ug/l	99
6) Chloroethane	2.790	64	93333	25.423	ug/l	95
7) Trichlorofluoromethane	3.119	101	225778	28.045	ug/l	98
8) Diethyl Ether	3.522	74	77677	28.334	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.900	101	130030	28.796	ug/l	96
10) Methyl Iodide	4.082	142	146620	25.852	ug/l	99
11) Tert butyl alcohol	4.948	59	91376	176.890	ug/l #	88
12) 1,1-Dichloroethene	3.863	96	119340	27.417	ug/l	93
13) Acrolein	3.723	56	42516	100.696	ug/l	94
14) Allyl chloride	4.473	41	232786	28.822	ug/l	97
15) Acrylonitrile	5.155	53	229006	149.159	ug/l	99
16) Acetone	3.948	43	255139	141.111	ug/l	95
17) Carbon Disulfide	4.186	76	336942	23.830	ug/l	98
18) Methyl Acetate	4.473	43	175768	29.434	ug/l	93
19) Methyl tert-butyl Ether	5.210	73	379998	30.239	ug/l	100
20) Methylene Chloride	4.704	84	167044	25.532	ug/l #	83
21) trans-1,2-Dichloroethene	5.210	96	134612	28.285	ug/l	96
22) Diisopropyl ether	6.113	45	505828	32.042	ug/l	97
23) Vinyl Acetate	6.052	43	1525029	170.621	ug/l	95
24) 1,1-Dichloroethane	6.009	63	268526	30.521	ug/l	98
25) 2-Butanone	6.978	43	338982	147.831	ug/l	91
26) 2,2-Dichloropropane	6.972	77	233580	30.810	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	157648	29.981	ug/l	93
28) Bromochloromethane	7.332	49	94840	30.377	ug/l #	80
29) Tetrahydrofuran	7.344	42	207817	145.595	ug/l	90
30) Chloroform	7.496	83	270404	30.912	ug/l	100
31) Cyclohexane	7.783	56	226928	27.606	ug/l	91
32) 1,1,1-Trichloroethane	7.698	97	238731	30.583	ug/l	97
36) 1,1-Dichloropropene	7.911	75	195773	28.820	ug/l	97
37) Ethyl Acetate	7.070	43	145225	28.409	ug/l	97
38) Carbon Tetrachloride	7.893	117	214156	30.079	ug/l	97
39) Methylcyclohexane	9.179	83	225076	28.105	ug/l	94
40) Benzene	8.155	78	564131	29.482	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	58417	24.523	ug/l #	86
42) 1,2-Dichloroethane	8.234	62	190480	30.448	ug/l	98
43) Isopropyl Acetate	8.271	43	259006	30.018	ug/l	96
44) Trichloroethene	8.935	130	144510	28.391	ug/l	93
45) 1,2-Dichloropropane	9.210	63	152793	30.539	ug/l	99
46) Dibromomethane	9.301	93	87318	29.168	ug/l	96
47) Bromodichloromethane	9.490	83	208162	31.076	ug/l	99
48) Methyl methacrylate	9.289	41	117644	29.687	ug/l	93
49) 1,4-Dioxane	9.301	88	22970	537.254	ug/l #	82
51) 4-Methyl-2-Pentanone	10.063	43	710908	147.854	ug/l	96
52) Toluene	10.240	92	340932	29.608	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	215089	30.340	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	235879	29.570	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	117901	29.740	ug/l	96
56) Ethyl methacrylate	10.508	69	170049	30.918	ug/l	89
57) 1,3-Dichloropropane	10.789	76	202964	30.230	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.777	63	297526	144.262	ug/l	93
59) 2-Hexanone	10.825	43	510745	146.130	ug/l	95
60) Dibromochloromethane	10.978	129	145477	30.222	ug/l	100
61) 1,2-Dibromoethane	11.087	107	114861	29.470	ug/l	98
64) Tetrachloroethene	10.715	164	124433	27.775	ug/l	99
65) Chlorobenzene	11.514	112	363548	28.326	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	143232	29.840	ug/l	100
67) Ethyl Benzene	11.587	91	663285	29.431	ug/l	98
68) m/p-Xylenes	11.697	106	496784	57.984	ug/l	97
69) o-Xylene	12.026	106	235905	29.114	ug/l	95
70) Styrene	12.038	104	407140	30.051	ug/l	99
71) Bromoform	12.203	173	97779	29.082	ug/l #	100
73) Isopropylbenzene	12.325	105	635444	29.069	ug/l	98
74) N-amyl acetate	12.142	43	223599	28.743	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.575	83	149030	27.891	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	98867m	25.365	ug/l	
77) Bromobenzene	12.605	156	151490	28.600	ug/l	91
78) n-propylbenzene	12.666	91	784510	29.136	ug/l	97
79) 2-Chlorotoluene	12.752	91	437600	29.103	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	527364	29.557	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.374	75	51958	27.268	ug/l	95
82) 4-Chlorotoluene	12.849	91	447246	28.538	ug/l	98
83) tert-Butylbenzene	13.075	119	467164	30.222	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	519095	29.924	ug/l	99
85) sec-Butylbenzene	13.252	105	684812	29.518	ug/l	98
86) p-Isopropyltoluene	13.367	119	562258	30.138	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	292568	28.992	ug/l	99
88) 1,4-Dichlorobenzene	13.441	146	289372	28.387	ug/l	99
89) n-Butylbenzene	13.690	91	543215	29.832	ug/l	98
90) Hexachloroethane	13.959	117	114158	29.074	ug/l	99
91) 1,2-Dichlorobenzene	13.733	146	264450	29.020	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	25568	27.094	ug/l	91
93) 1,2,4-Trichlorobenzene	15.001	180	163387	30.073	ug/l	98
94) Hexachlorobutadiene	15.111	225	98940	31.291	ug/l	100
95) Naphthalene	15.233	128	350187	29.706	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	147184	30.394	ug/l	100

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

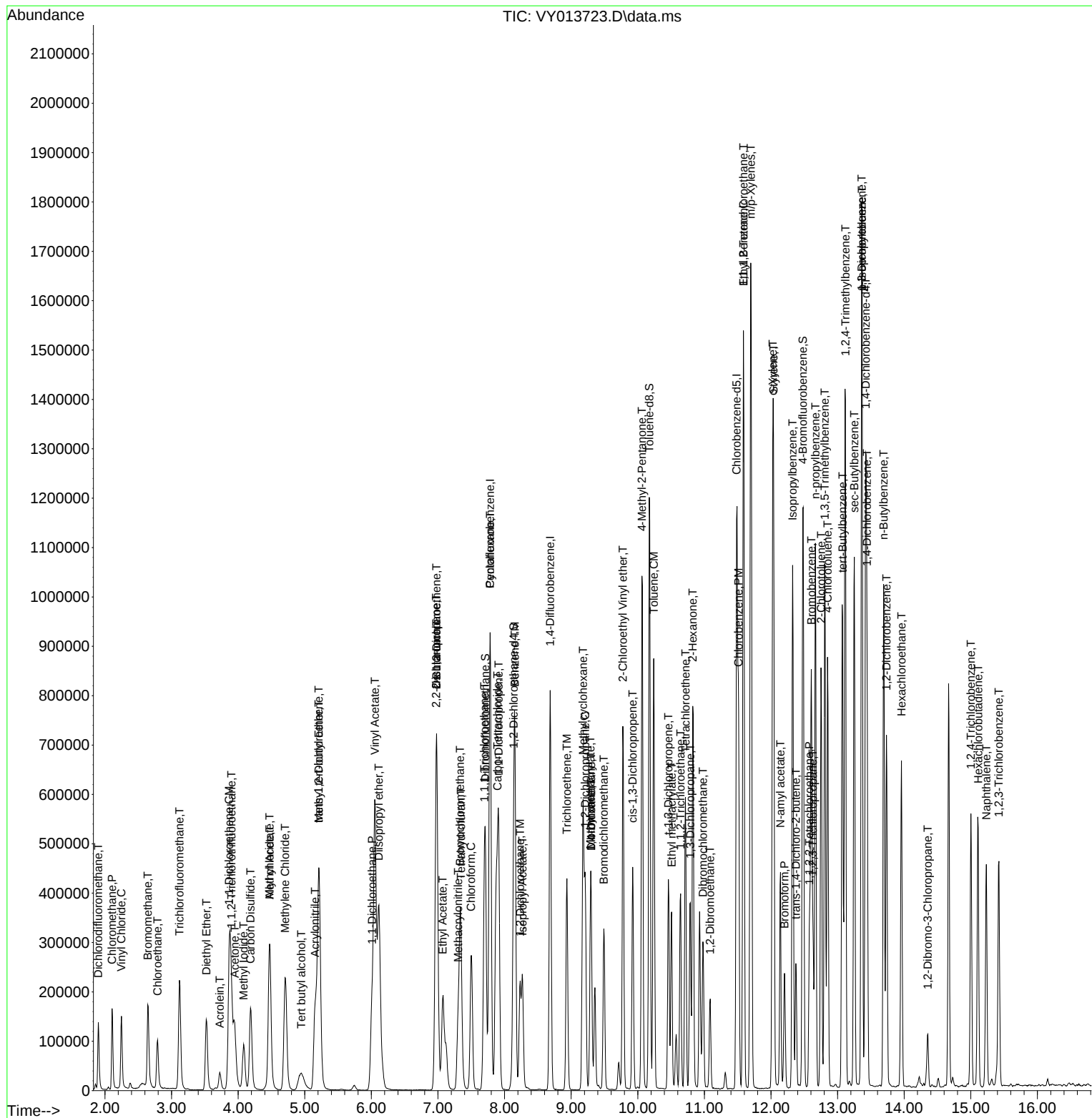
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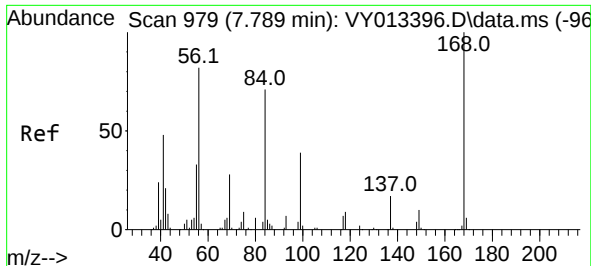
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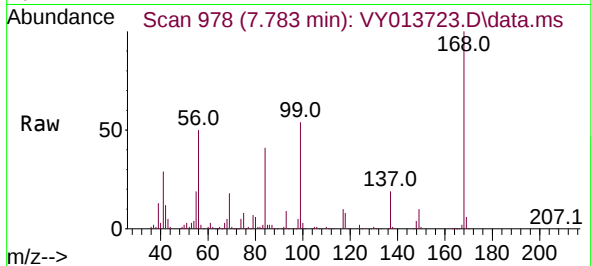
Reviewed By : John Carlone 05/12/2023
 Supervised By : Mahesh Dadoda 05/17/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013723.D
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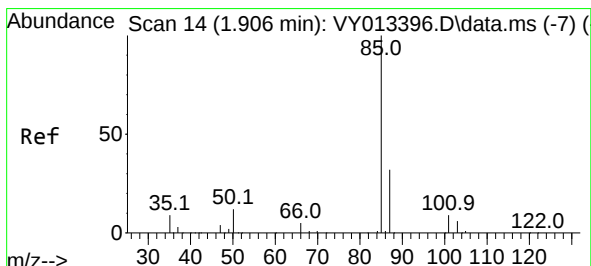
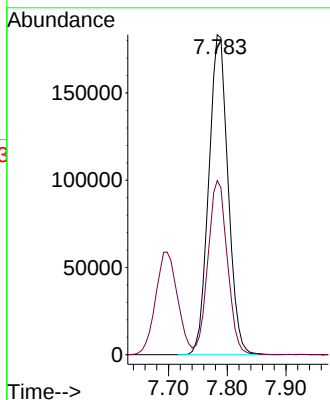
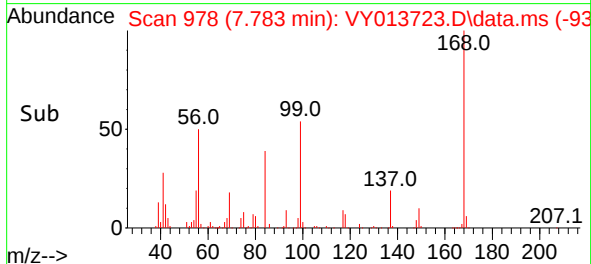
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 41882
Ion Ratio Lower Upper
168 100
99 54.4 41.8 62.6

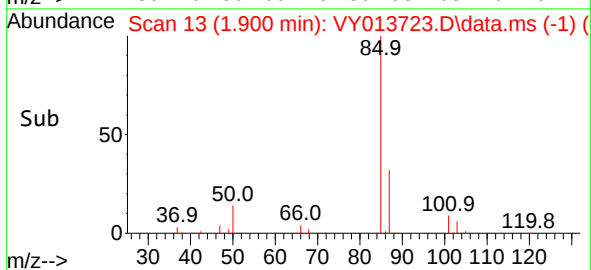
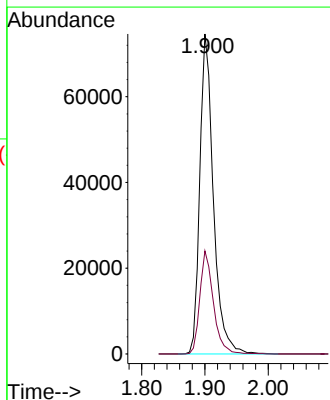
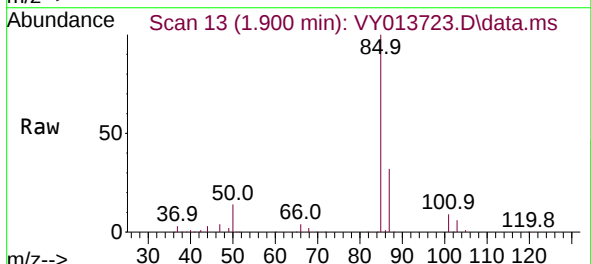
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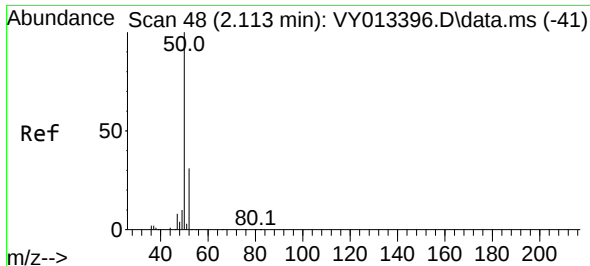
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023



#2
Dichlorodifluoromethane
Concen: 28.060 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

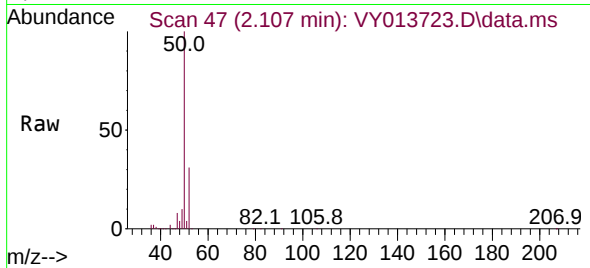
Tgt Ion: 85 Resp: 111726
Ion Ratio Lower Upper
85 100
87 32.2 16.1 48.2





#3
Chloromethane
Concen: 26.887 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

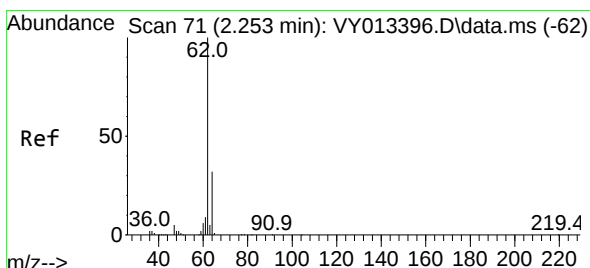
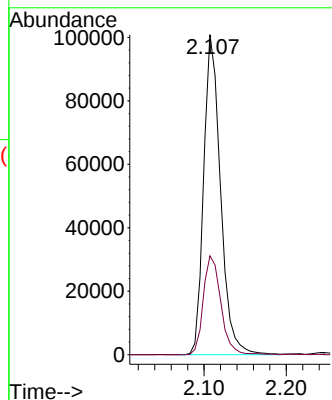
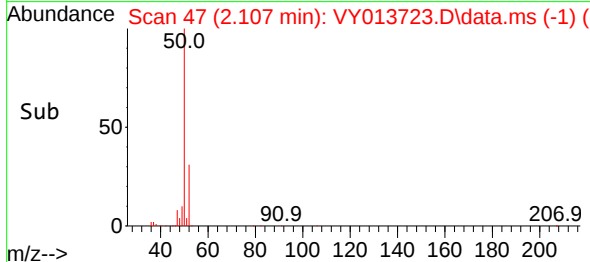
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 14350
Ion Ratio Lower Upper
50 100
52 30.9 25.9 38.9

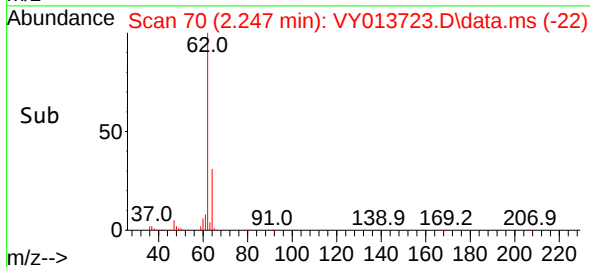
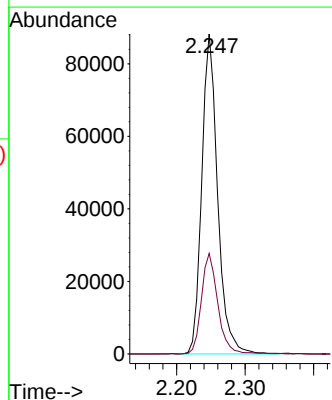
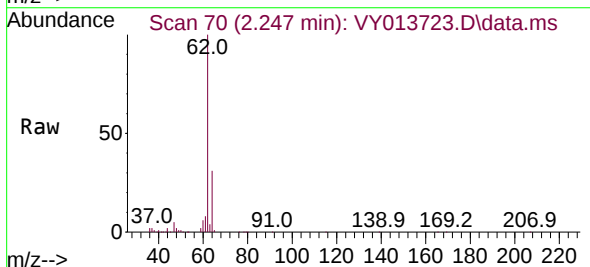
Manual Integrations
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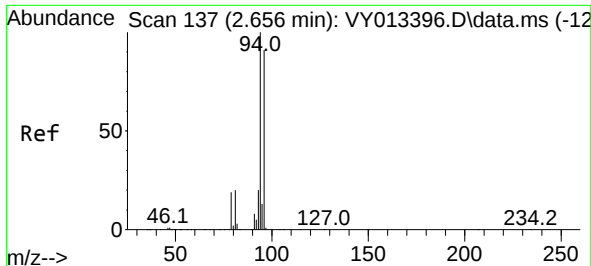
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023



#4
Vinyl Chloride
Concen: 26.774 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

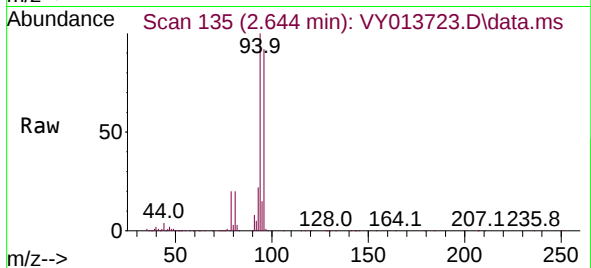
Tgt Ion: 62 Resp: 142279
Ion Ratio Lower Upper
62 100
64 31.4 25.4 38.0





#5
Bromomethane
Concen: 25.629 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

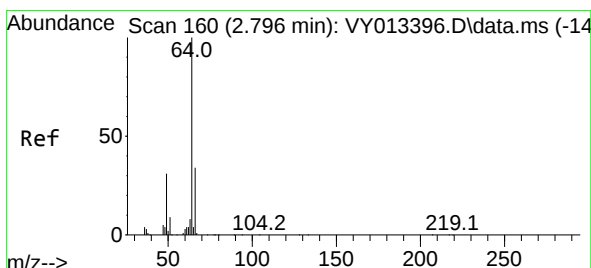
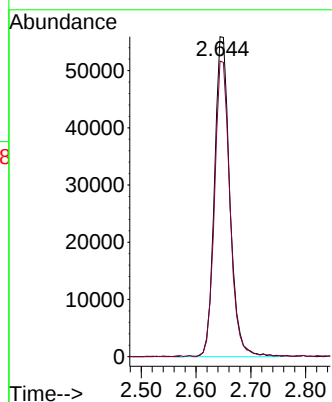
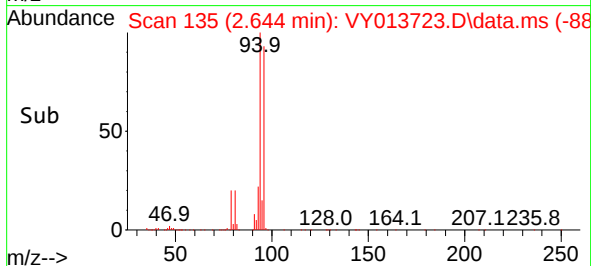
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Tgt Ion: 94 Resp: 108530
Ion Ratio Lower Upper
94 100
96 92.0 74.2 111.2

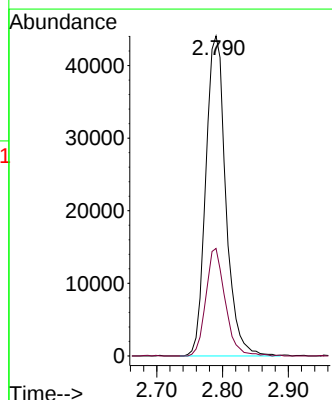
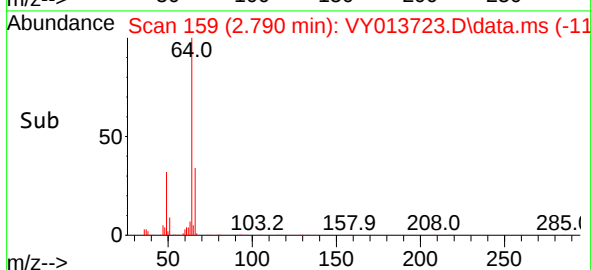
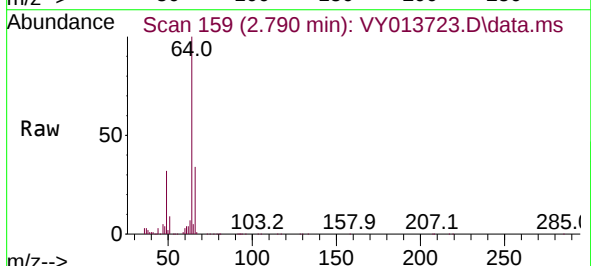
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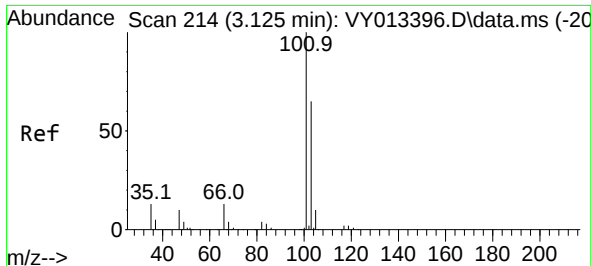
Reviewed By :John Carlone 05/12/2023
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#6
Chloroethane
Concen: 25.423 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

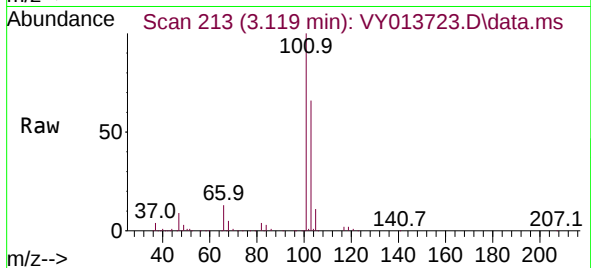
Tgt Ion: 64 Resp: 93333
Ion Ratio Lower Upper
64 100
66 33.6 24.6 37.0





#7
 Trichlorofluoromethane
 Concen: 28.045 ug/l
 RT: 3.119 min Scan# 214
 Delta R.T. -0.006 min
 Lab File: VY013723.D
 Acq: 11 May 2023 18:07

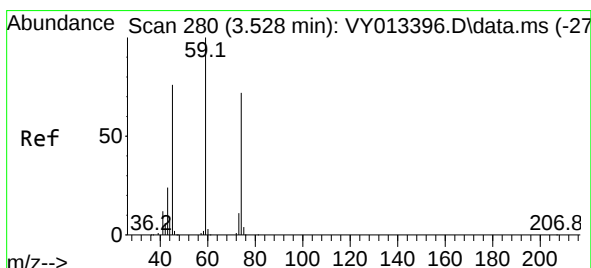
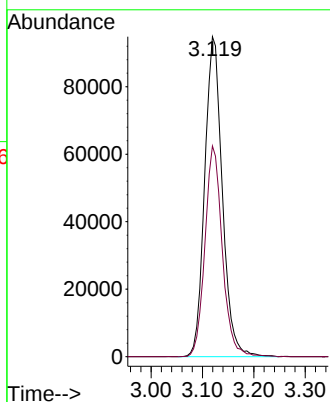
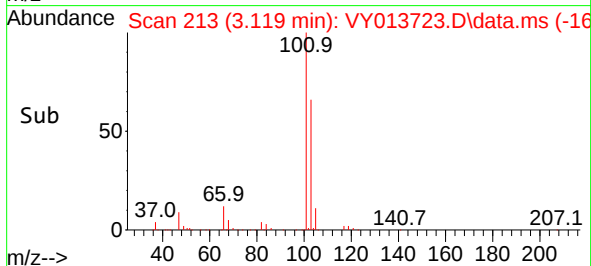
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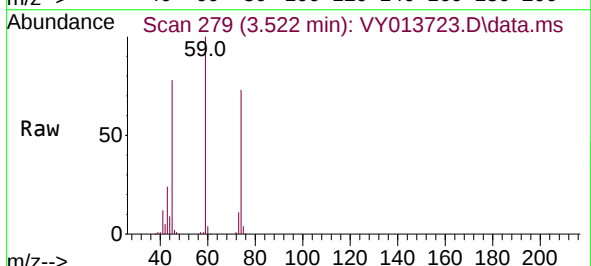
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 Ion Ratio Lower Upper
 101 100
 103 65.8 51.6 77.4

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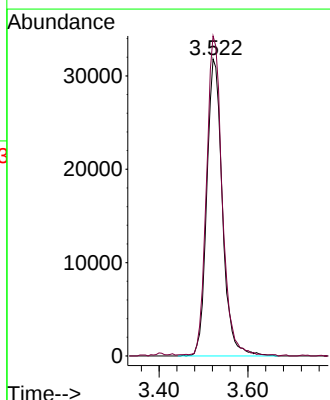
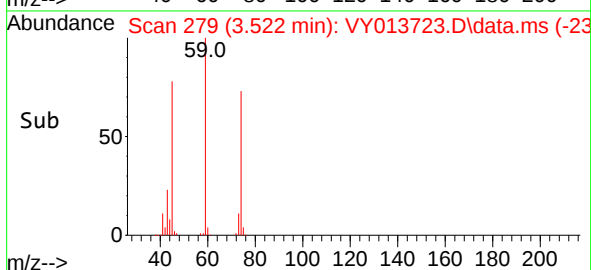
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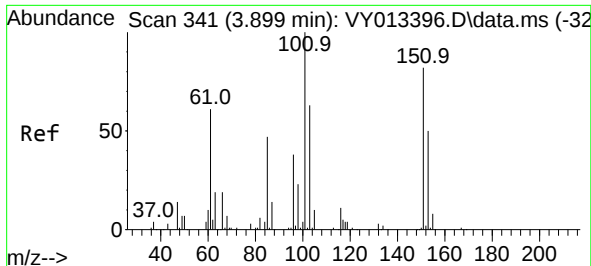


#8
 Diethyl Ether
 Concen: 28.334 ug/l
 RT: 3.522 min Scan# 279
 Delta R.T. -0.005 min
 Lab File: VY013723.D
 Acq: 11 May 2023 18:07



Tgt Ion: 74 Resp: 77677
 Ion Ratio Lower Upper
 74 100
 45 107.5 48.2 144.6





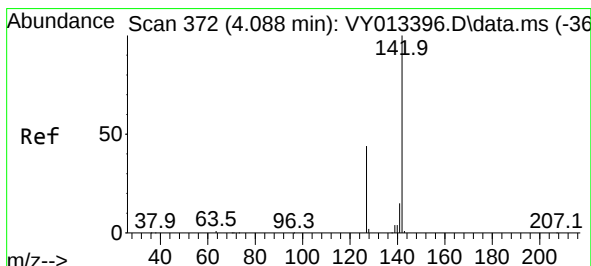
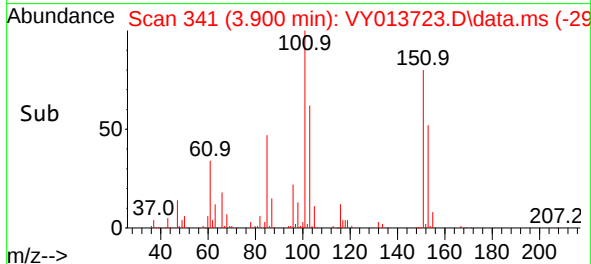
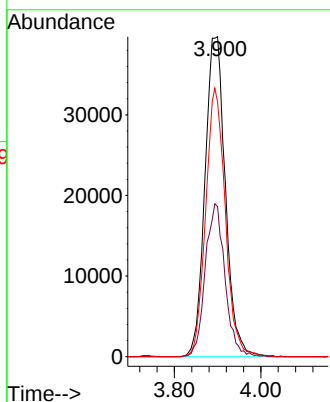
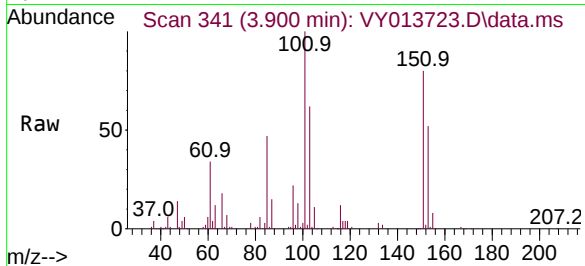
#9
1,1,2-Trichlorotrifluoroethane
Concen: 28.796 ug/l
RT: 3.900 min Scan# 341
Delta R.T. 0.007 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 130030
Ion Ratio Lower Upper
101 100
85 46.0 35.6 53.4
151 80.6 68.0 102.0

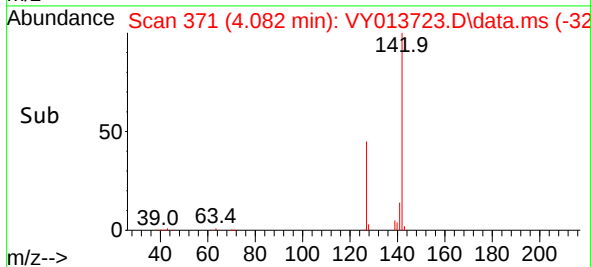
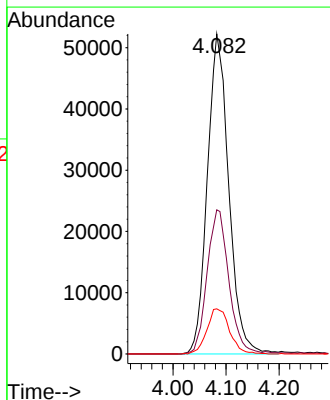
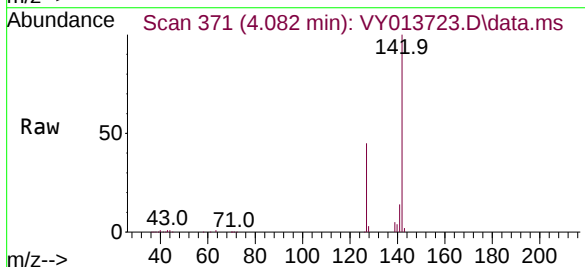
Manual Integrations
APPROVED

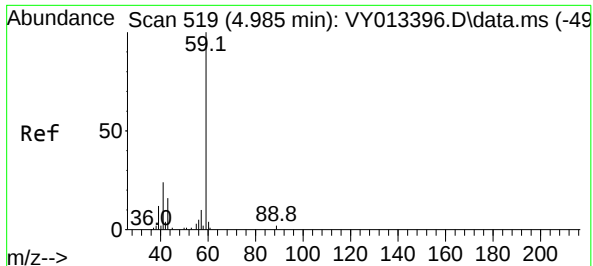
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023



#10
Methyl Iodide
Concen: 25.852 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

Tgt Ion:142 Resp: 146620
Ion Ratio Lower Upper
142 100
127 45.6 36.1 54.1
141 15.0 11.6 17.4





#11

Tert butyl alcohol

Concen: 176.890 ug/l

RT: 4.948 min Scan# 519

Delta R.T. -0.030 min

Lab File: VY013723.D

Acq: 11 May 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 91370

Ion Ratio Lower Upper

59 100

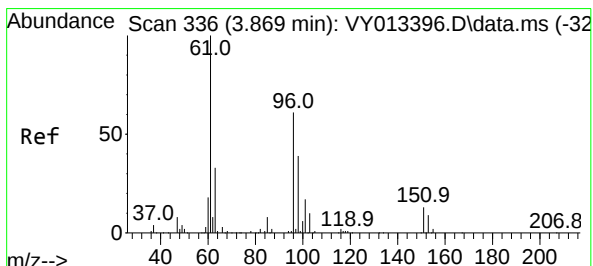
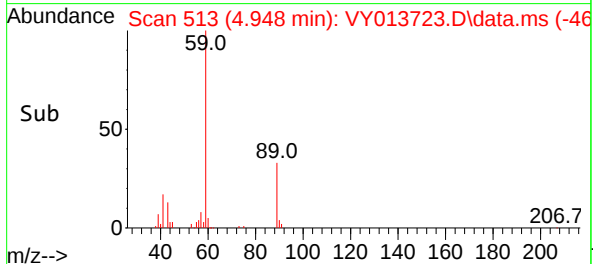
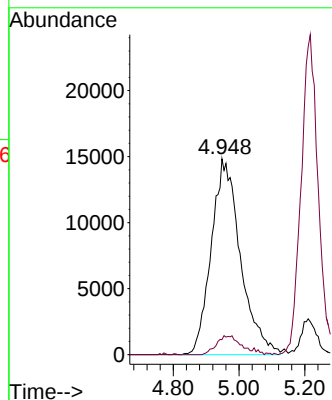
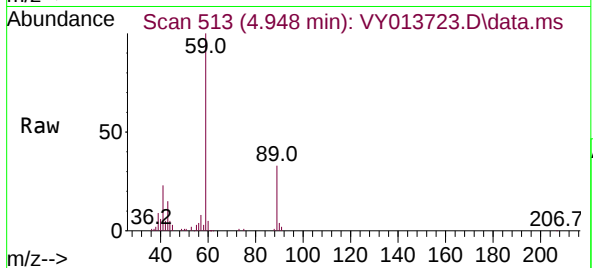
57 7.8 3.0 4.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2023

Supervised By :Mahesh Dadoda 05/17/2023



#12

1,1-Dichloroethene

Concen: 27.417 ug/l

RT: 3.863 min Scan# 335

Delta R.T. -0.006 min

Lab File: VY013723.D

Acq: 11 May 2023 18:07

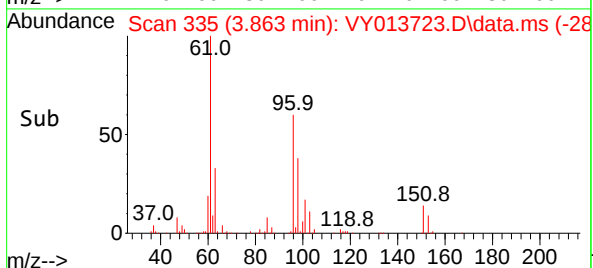
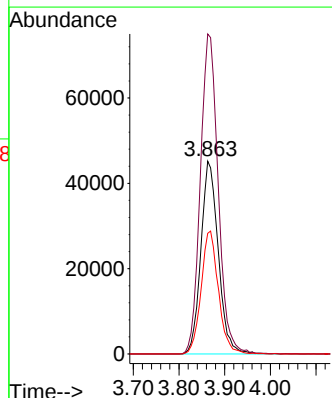
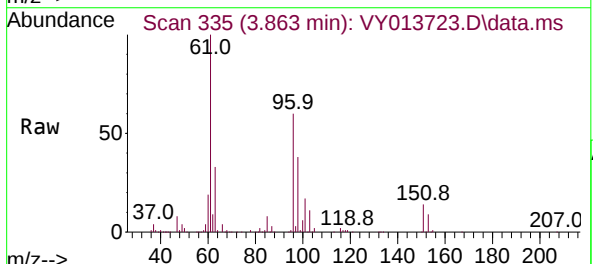
Tgt Ion: 96 Resp: 119340

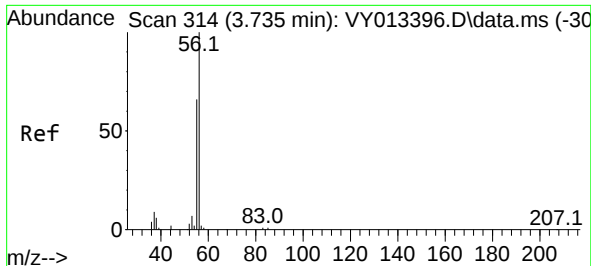
Ion Ratio Lower Upper

96 100

61 166.0 123.9 185.9

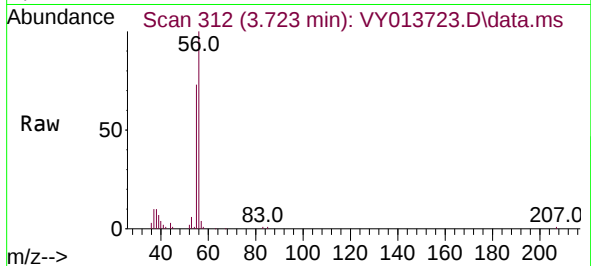
98 62.6 48.9 73.3





#13
Acrolein
Concen: 100.696 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.006 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

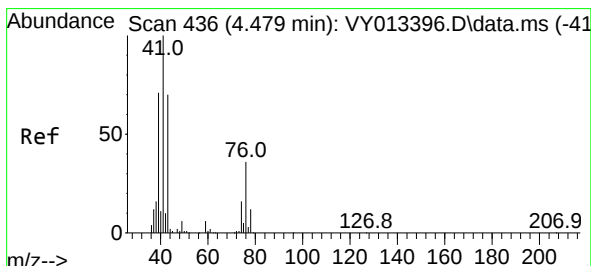
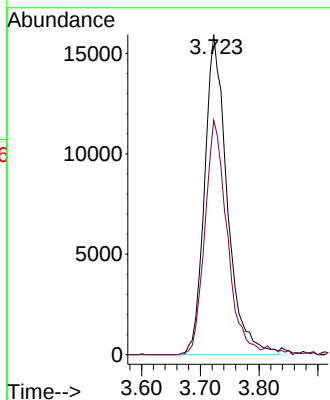
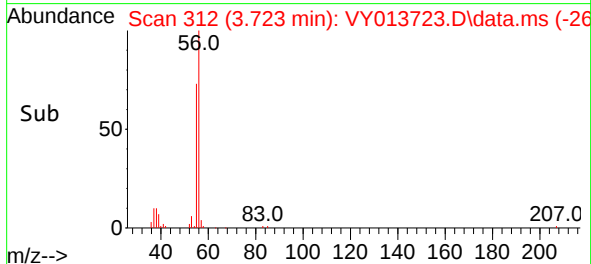
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 42510
Ion Ratio Lower Upper
56 100
55 72.3 54.1 81.1

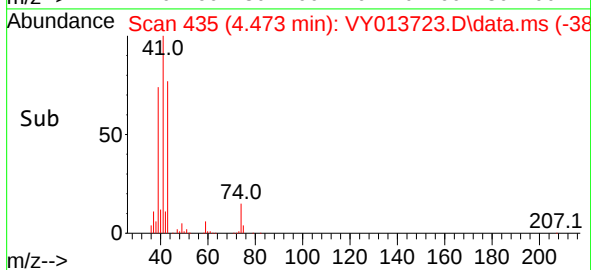
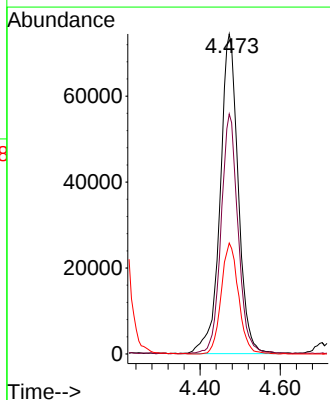
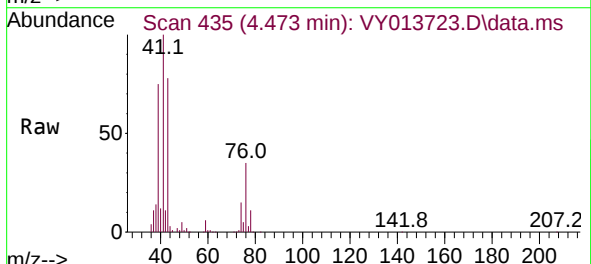
Manual Integrations
APPROVED

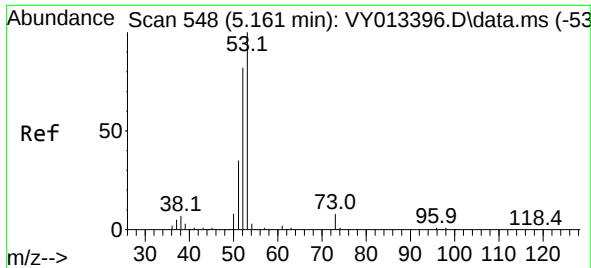
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023



#14
Allyl chloride
Concen: 28.822 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.005 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

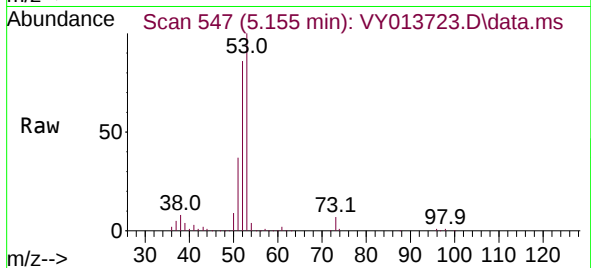
Tgt Ion: 41 Resp: 232786
Ion Ratio Lower Upper
41 100
39 70.5 56.6 85.0
76 33.1 30.5 45.7





#15
Acrylonitrile
Concen: 149.159 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

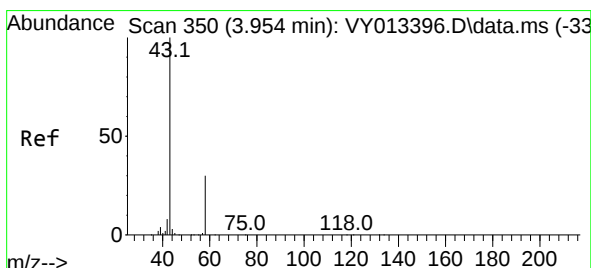
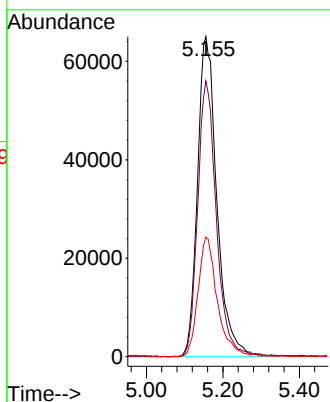
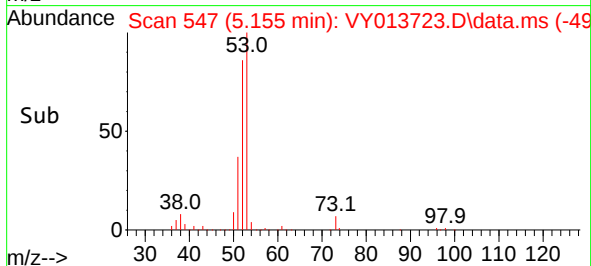
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 229000
Ion Ratio Lower Upper
53 100
52 82.8 65.4 98.0
51 37.2 29.3 43.9

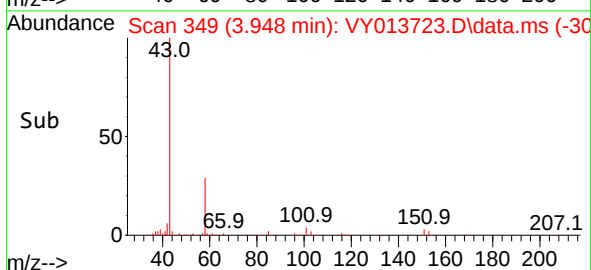
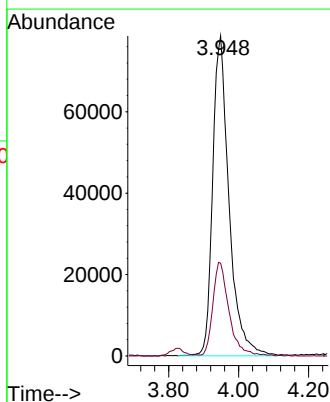
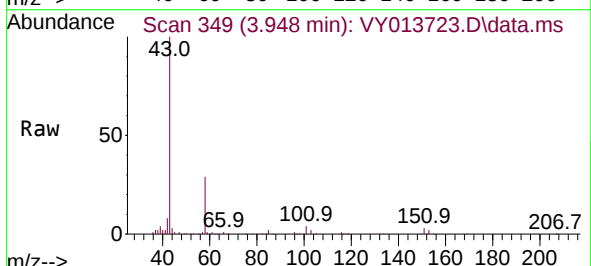
Manual Integrations
APPROVED

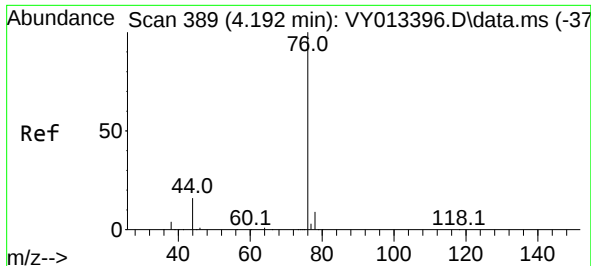
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023



#16
Acetone
Concen: 141.111 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

Tgt Ion: 43 Resp: 255139
Ion Ratio Lower Upper
43 100
58 28.8 25.4 38.0





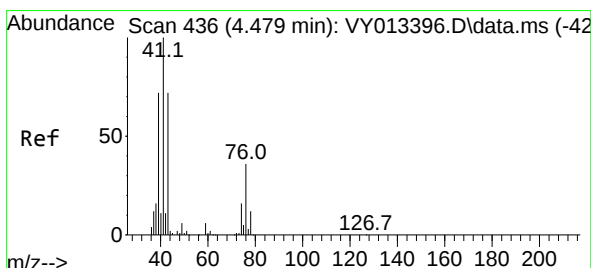
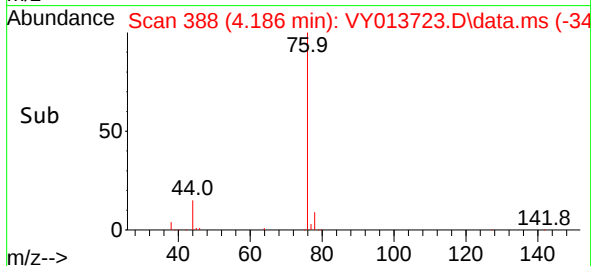
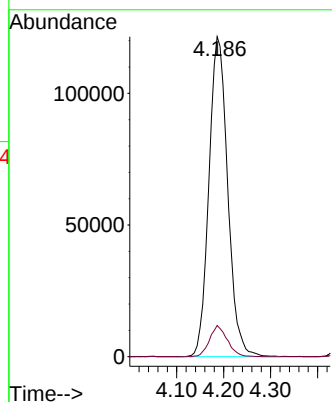
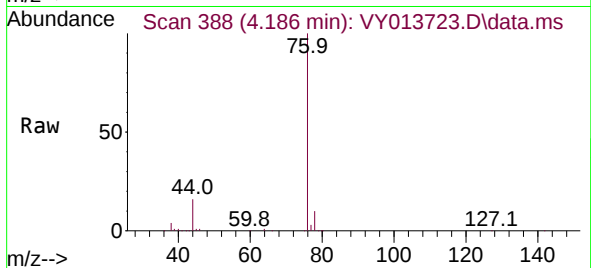
#17
Carbon Disulfide
Concen: 23.830 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 33694
Ion Ratio Lower Upper
76 100
78 9.8 7.2 10.8

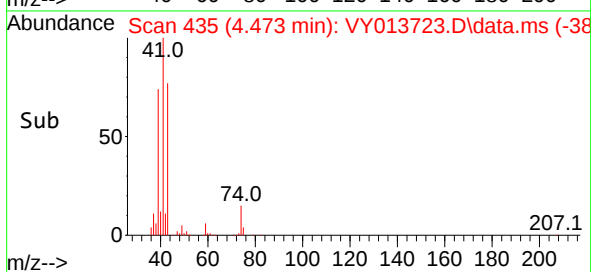
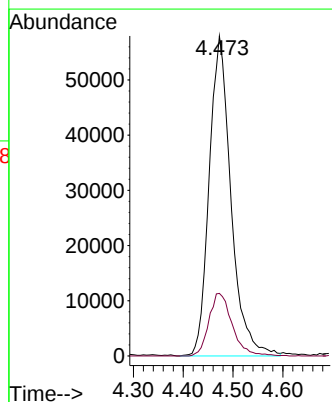
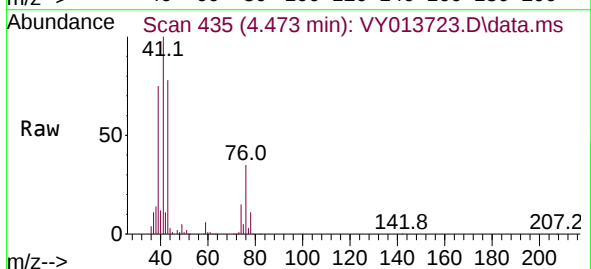
Manual Integrations
APPROVED

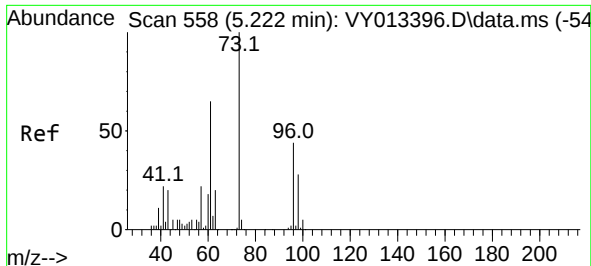
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023



#18
Methyl Acetate
Concen: 29.434 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.005 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

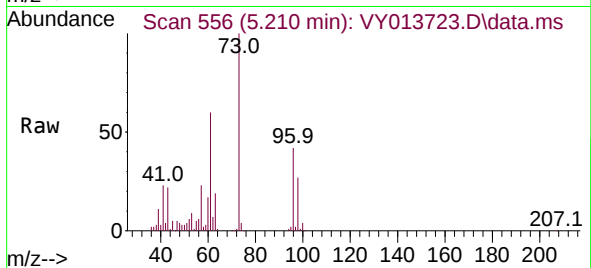
Tgt Ion: 43 Resp: 175768
Ion Ratio Lower Upper
43 100
74 21.0 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 30.239 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

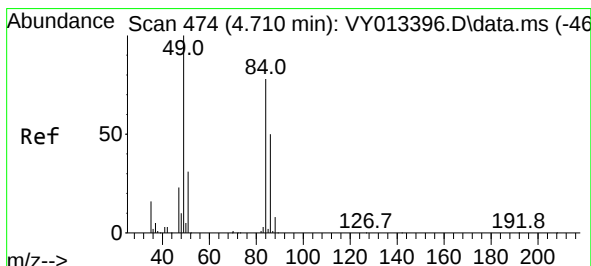
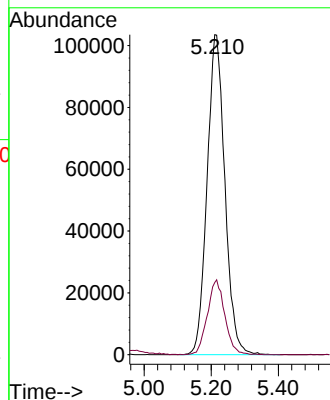
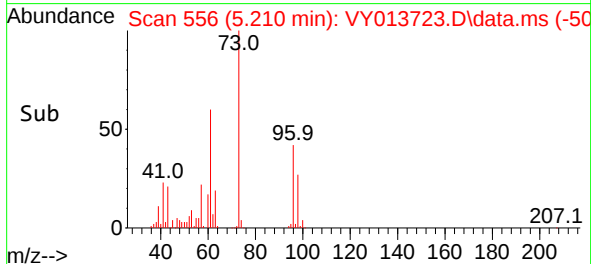
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 379998
Ion Ratio Lower Upper
73 100
57 22.5 17.8 26.8

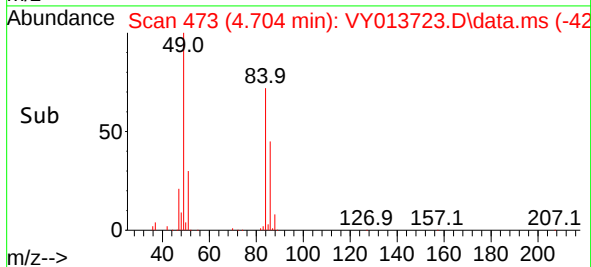
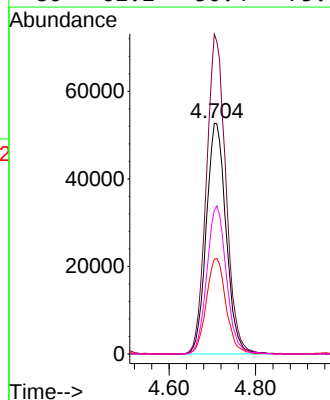
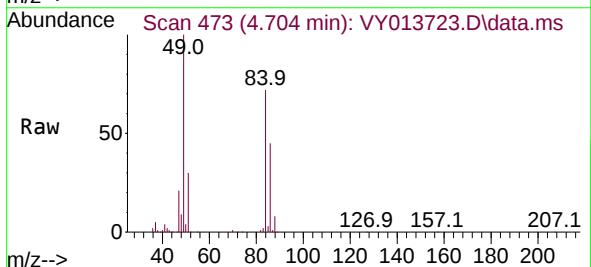
Manual Integrations
APPROVED

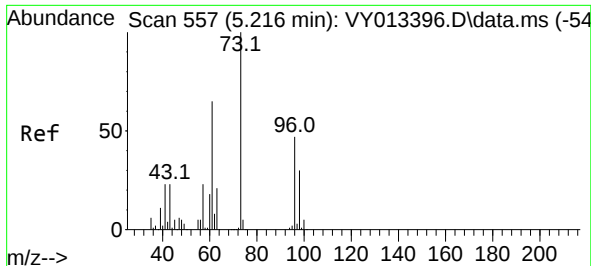
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023



#20
Methylene Chloride
Concen: 25.532 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

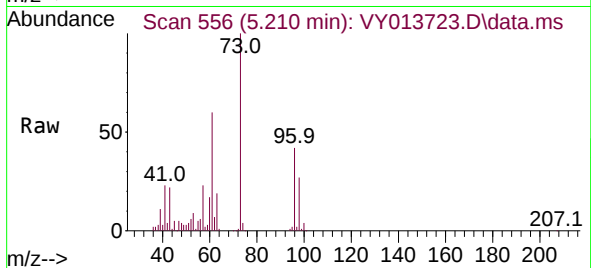
Tgt Ion: 84 Resp: 167044
Ion Ratio Lower Upper
84 100
49 138.7 88.0 132.0#
51 41.0 27.4 41.0
86 62.2 50.4 75.6





#21
trans-1,2-Dichloroethene
Concen: 28.285 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

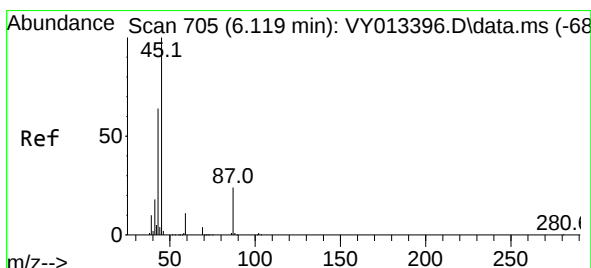
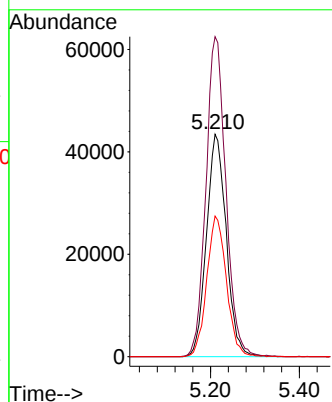
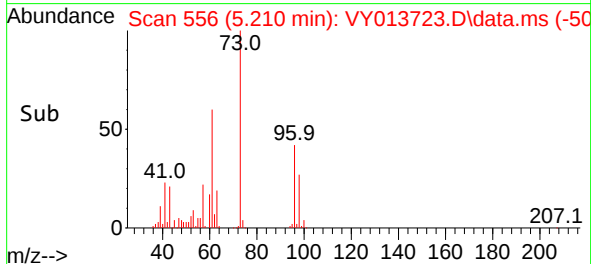
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 134612
Ion Ratio Lower Upper
96 100
61 143.8 110.6 165.8
98 63.2 53.1 79.7

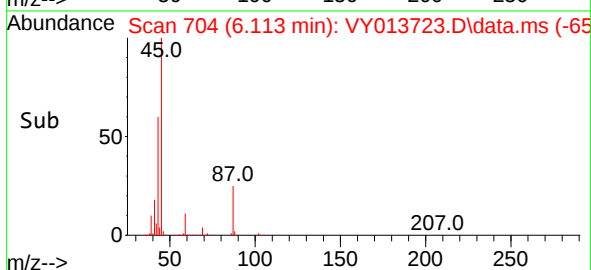
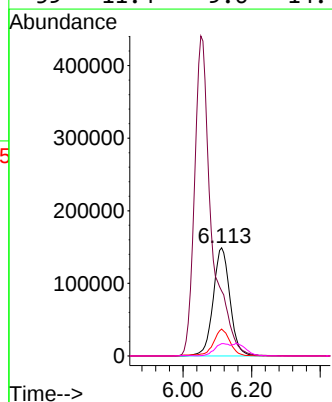
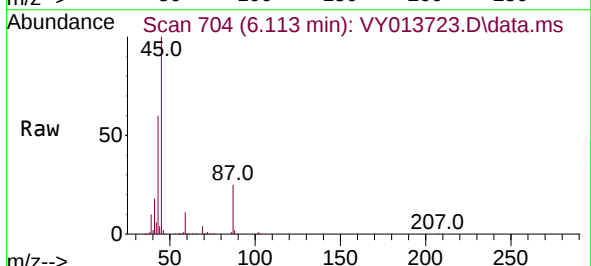
Manual Integrations
APPROVED

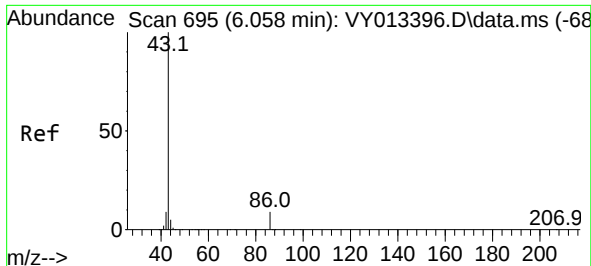
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023



#22
Diisopropyl ether
Concen: 32.042 ug/l
RT: 6.113 min Scan# 704
Delta R.T. -0.005 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

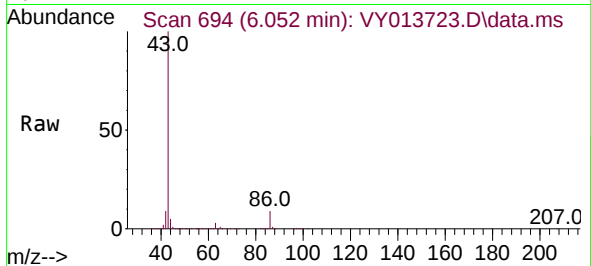
Tgt Ion: 45 Resp: 505828
Ion Ratio Lower Upper
45 100
43 59.9 48.4 72.6
87 24.8 23.8 35.6
59 11.4 9.6 14.4





#23
Vinyl Acetate
Concen: 170.621 ug/l
RT: 6.052 min Scan# 694
Delta R.T. -0.005 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

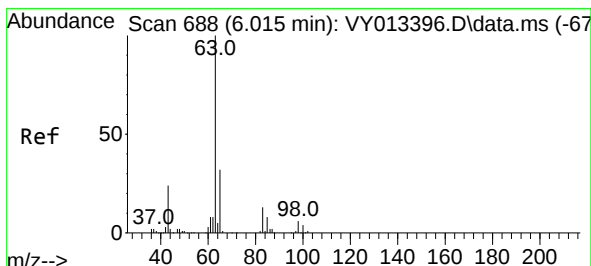
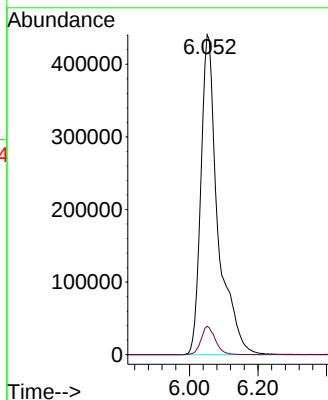
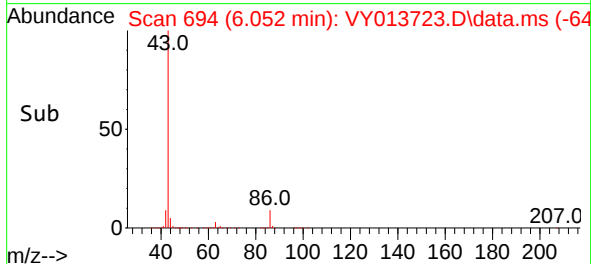
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1525029
Ion Ratio Lower Upper
43 100
86 8.8 8.5 12.7

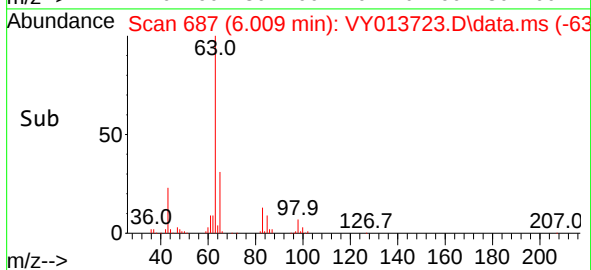
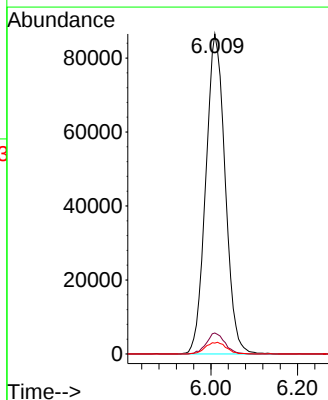
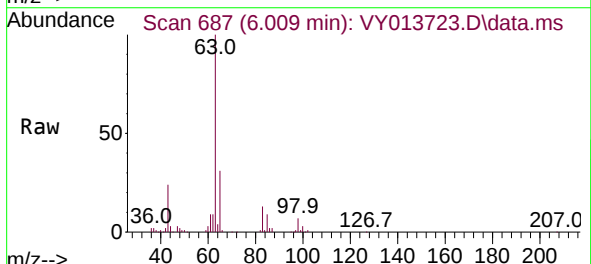
Manual Integrations
APPROVED

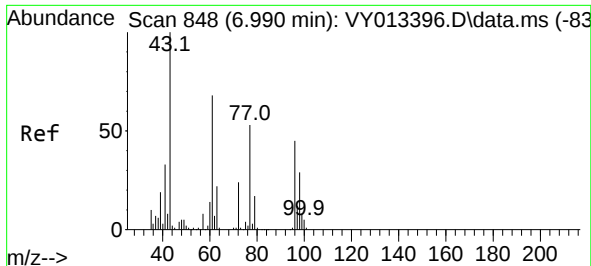
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023



#24
1,1-Dichloroethane
Concen: 30.521 ug/l
RT: 6.009 min Scan# 687
Delta R.T. -0.006 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

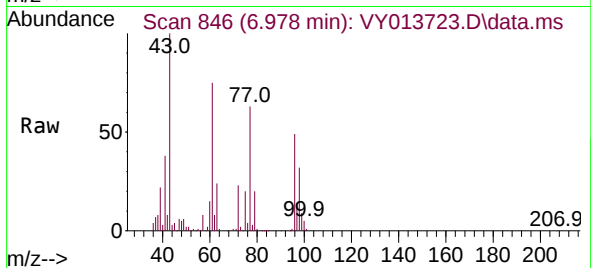
Tgt Ion: 63 Resp: 268526
Ion Ratio Lower Upper
63 100
98 6.6 3.5 10.6
100 3.4 2.2 6.6





#25
2-Butanone
Concen: 147.831 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

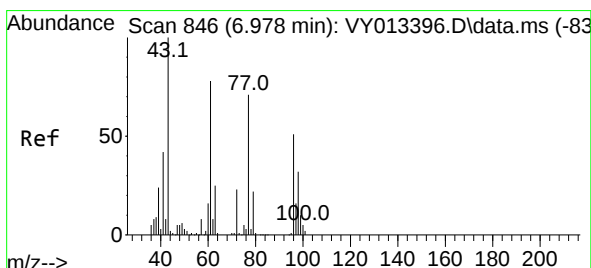
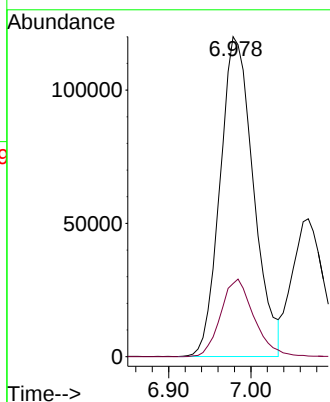
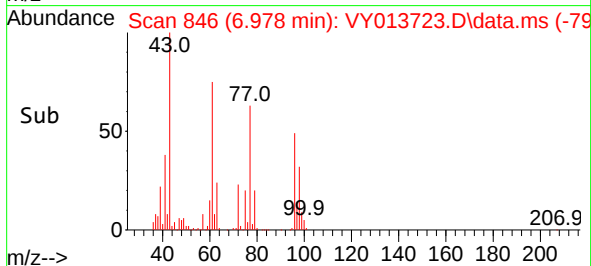
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 33898
Ion Ratio Lower Upper
43 100
72 22.9 21.9 32.9

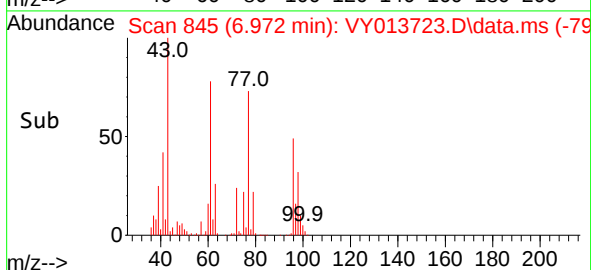
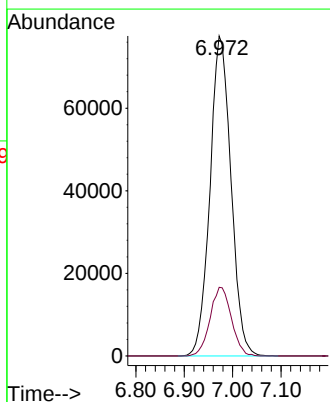
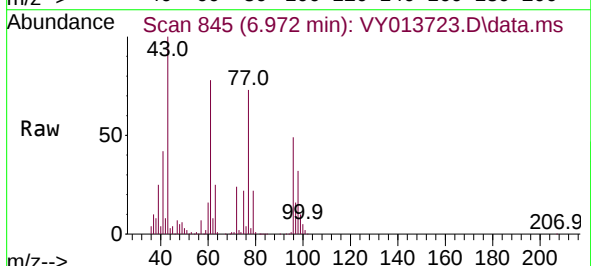
Manual Integrations
APPROVED

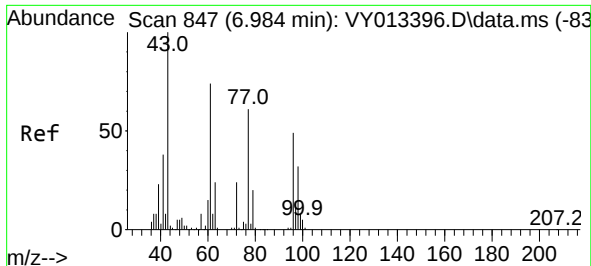
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023



#26
2,2-Dichloropropane
Concen: 30.810 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

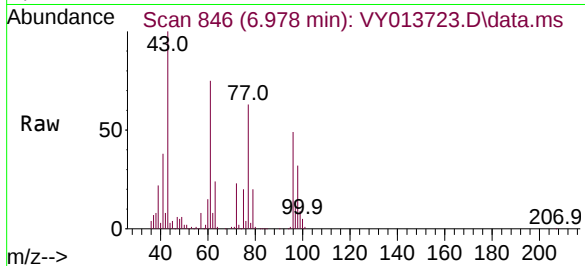
Tgt Ion: 77 Resp: 233580
Ion Ratio Lower Upper
77 100
97 21.8 11.8 35.4





#27
cis-1,2-Dichloroethene
Concen: 29.981 ug/l
RT: 6.978 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

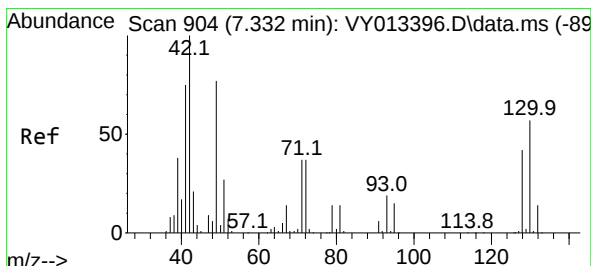
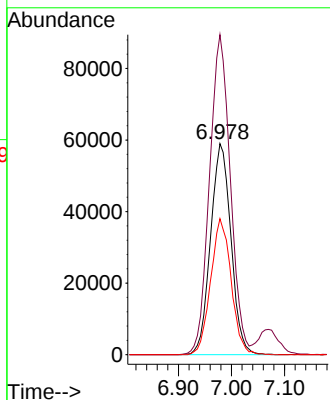
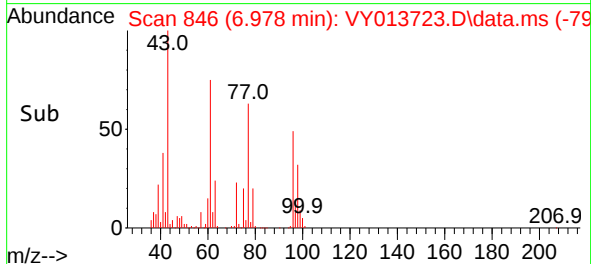
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 157648
Ion Ratio Lower Upper
96 100
61 154.7 0.0 285.0
98 64.7 0.0 130.6

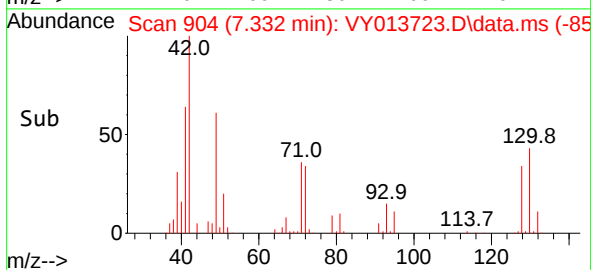
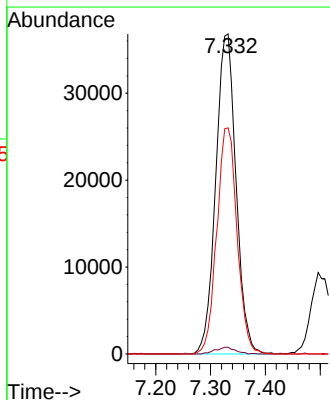
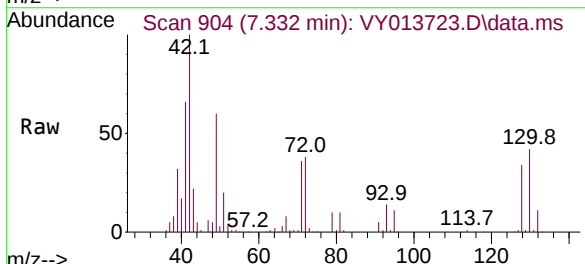
Manual Integrations
APPROVED

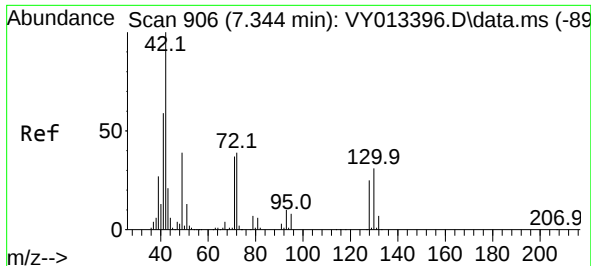
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023



#28
Bromochloromethane
Concen: 30.377 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

Tgt Ion: 49 Resp: 94840
Ion Ratio Lower Upper
49 100
129 2.1 0.0 5.2
130 70.5 72.1 108.1#





#29

Tetrahydrofuran

Concen: 145.595 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY013723.D

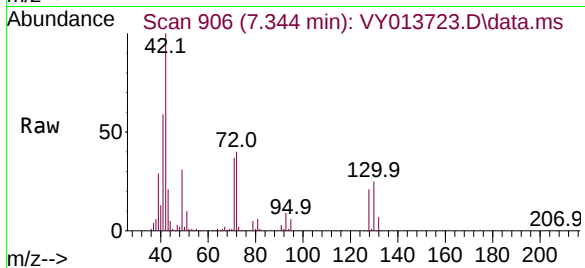
Acq: 11 May 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



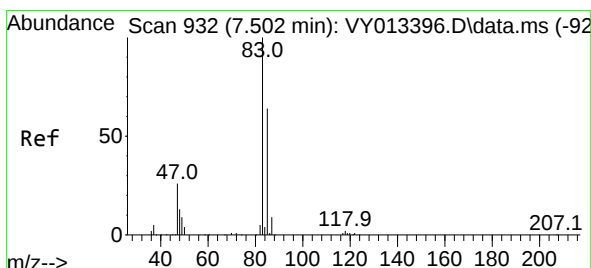
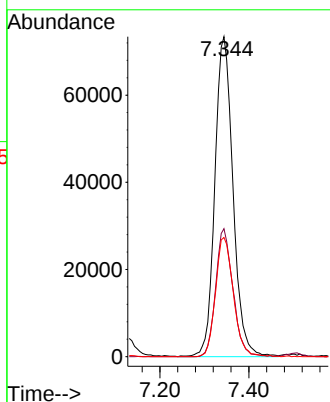
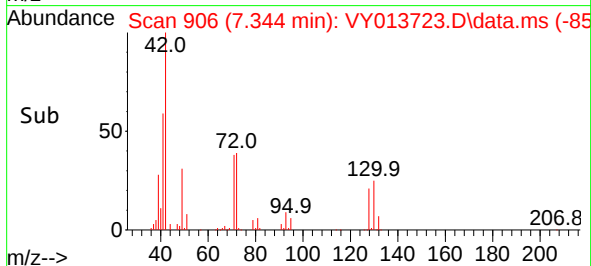
Tgt Ion:	42	Resp:	20781
Ion Ratio	100	Lower	Upper
42	100		
72	38.0	35.9	53.9
71	36.7	34.3	51.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2023

Supervised By :Mahesh Dadoda 05/17/2023



#30

Chloroform

Concen: 30.912 ug/l

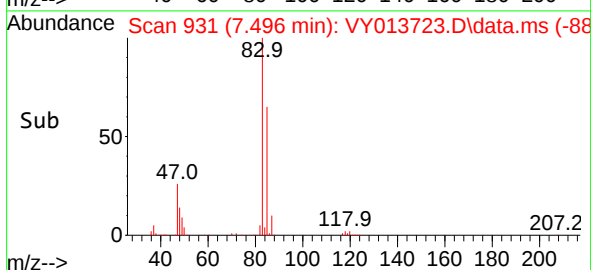
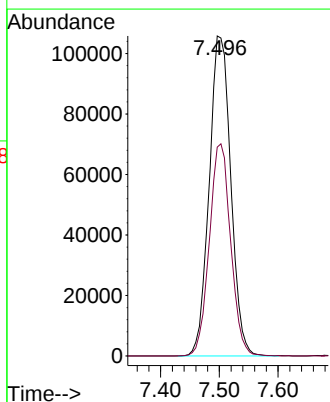
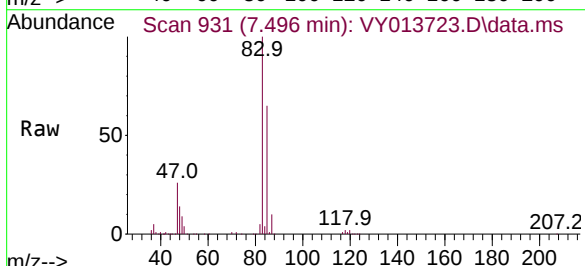
RT: 7.496 min Scan# 931

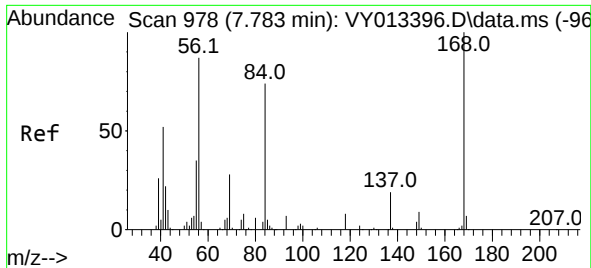
Delta R.T. -0.006 min

Lab File: VY013723.D

Acq: 11 May 2023 18:07

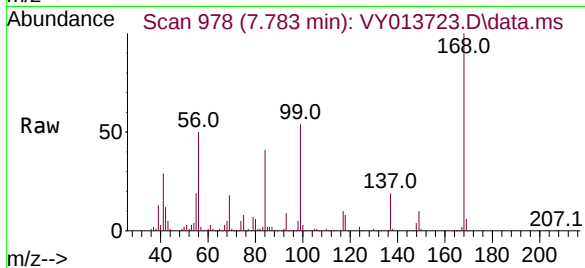
Tgt Ion:	83	Resp:	270404
Ion Ratio	100	Lower	Upper
83	100		
85	65.2	52.0	78.0





#31
Cyclohexane
Concen: 27.606 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

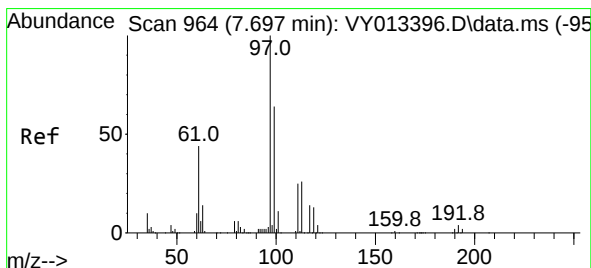
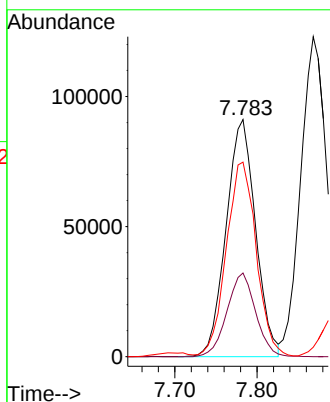
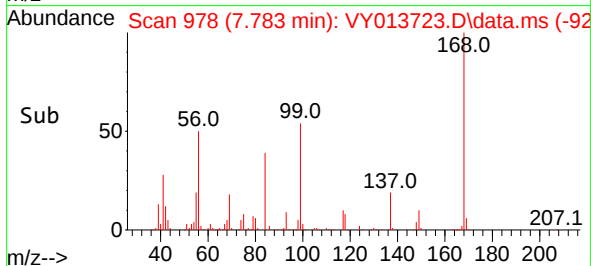
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



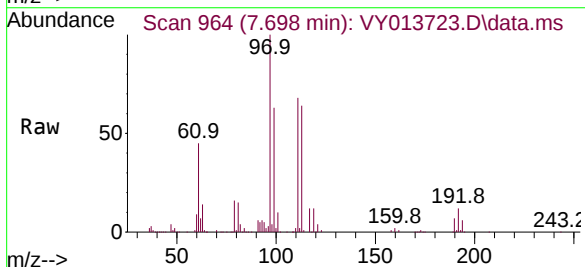
Tgt Ion: 56 Resp: 226928
Ion Ratio Lower Upper
56 100
69 35.3 29.2 43.8
84 80.6 73.0 109.6

Manual Integrations
APPROVED

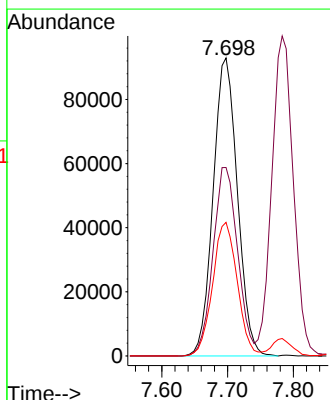
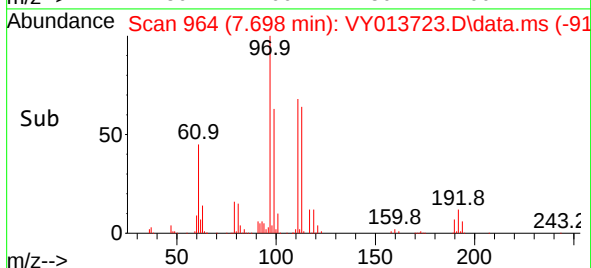
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023

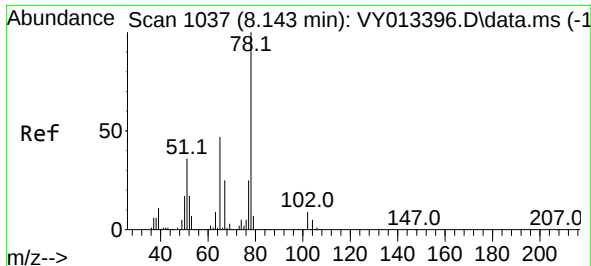


#32
1,1,1-Trichloroethane
Concen: 30.583 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.001 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07



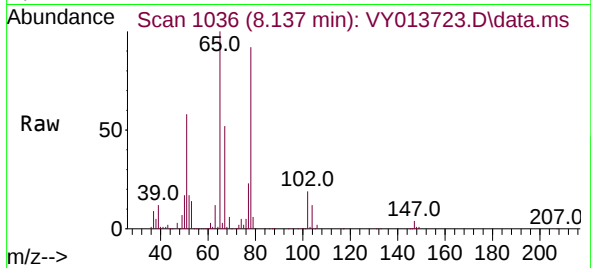
Tgt Ion: 97 Resp: 238731
Ion Ratio Lower Upper
97 100
99 64.1 52.2 78.2
61 45.6 33.8 50.8





#33
1,2-Dichloroethane-d4
Concen: 57.238 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

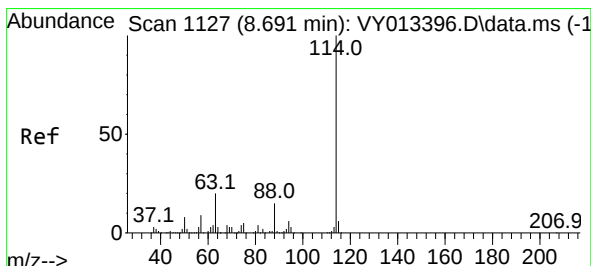
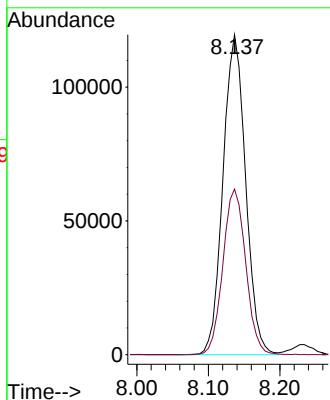
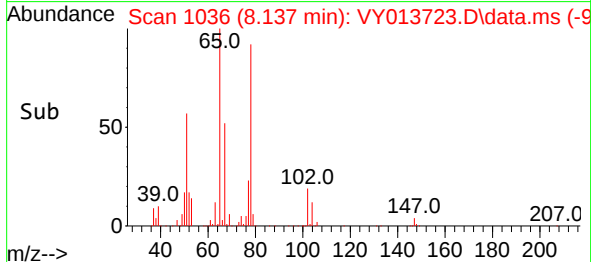
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 65 Resp: 262792
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.4

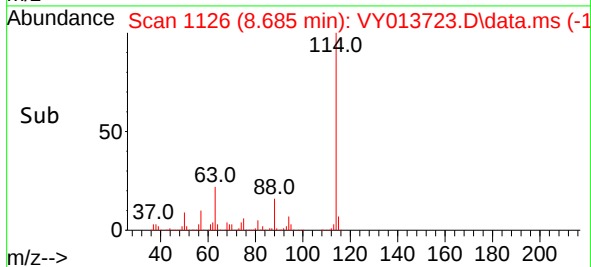
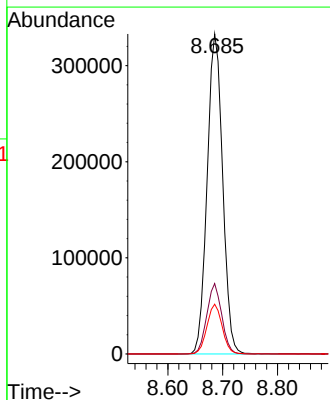
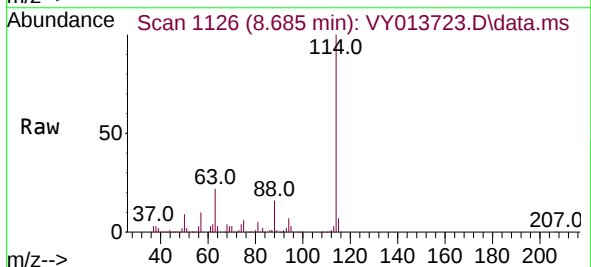
Manual Integrations
APPROVED

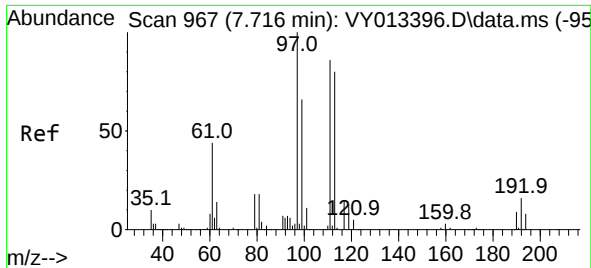
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

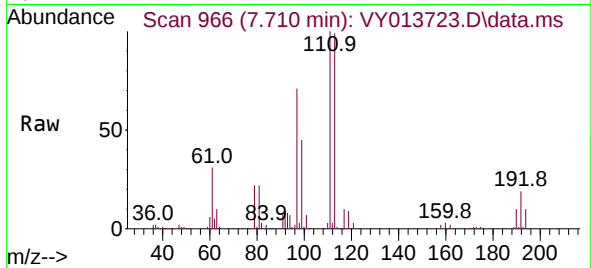
Tgt Ion:114 Resp: 650772
Ion Ratio Lower Upper
114 100
63 22.0 0.0 36.6
88 15.6 0.0 28.8





#35
Dibromofluoromethane
Concen: 55.181 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

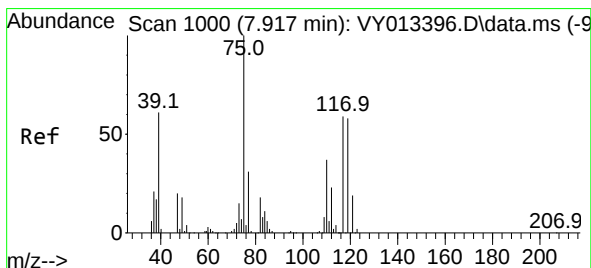
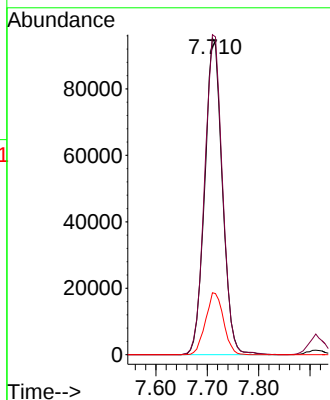
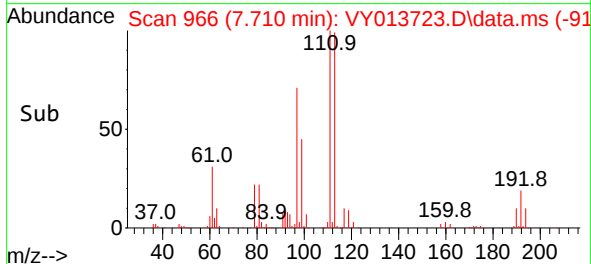
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 22586
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 20.0 16.7 25.1

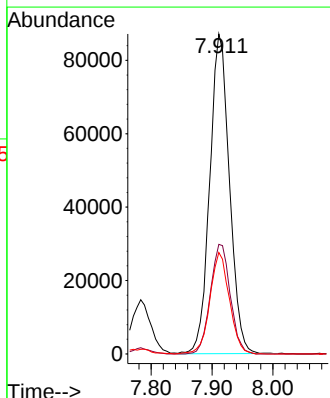
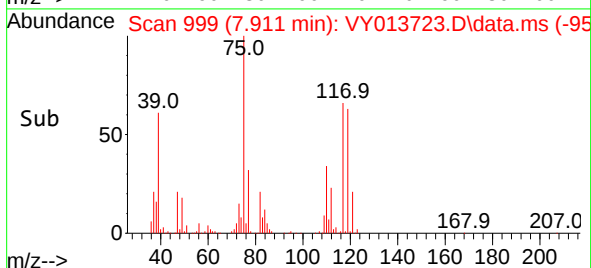
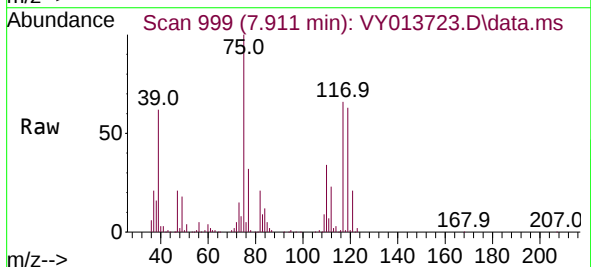
Manual Integrations
APPROVED

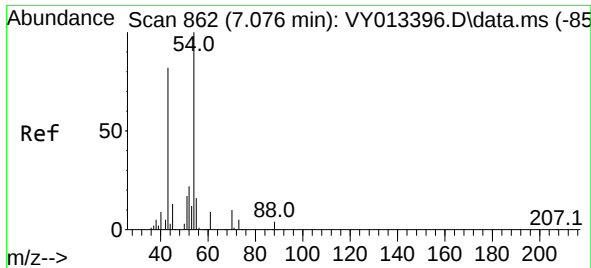
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023



#36
1,1-Dichloropropene
Concen: 28.820 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

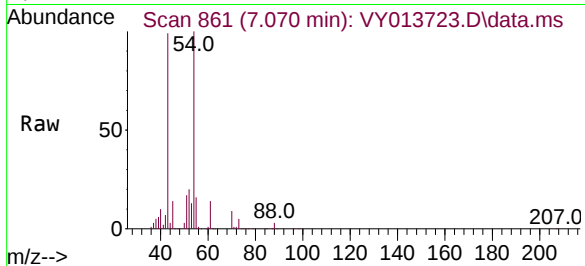
Tgt Ion: 75 Resp: 195773
Ion Ratio Lower Upper
75 100
110 34.6 18.7 56.1
77 31.4 24.6 37.0





#37
Ethyl Acetate
Concen: 28.409 ug/l
RT: 7.070 min Scan# 80
Delta R.T. 0.001 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

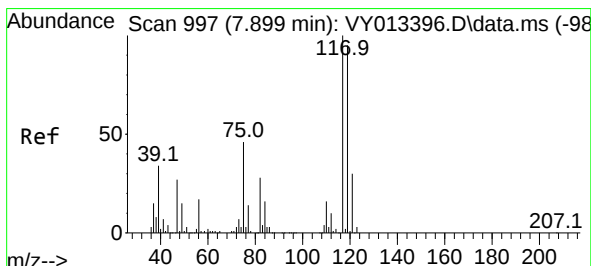
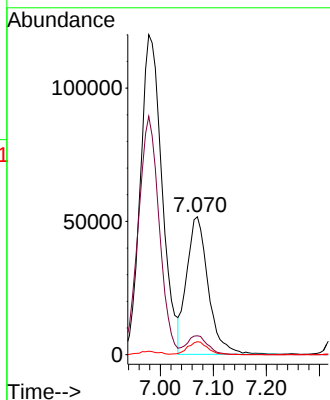
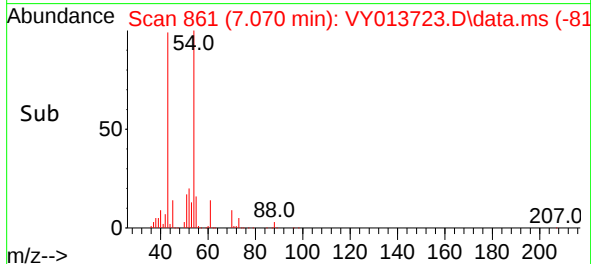
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 145225
Ion Ratio Lower Upper
43 100
61 12.9 11.4 17.0
70 8.9 7.9 11.9

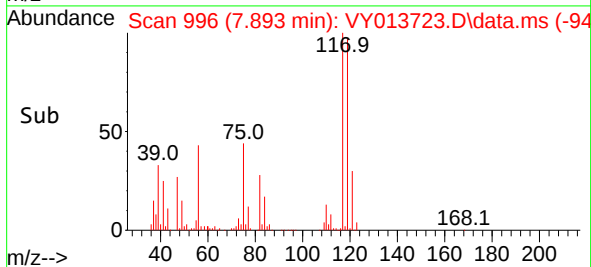
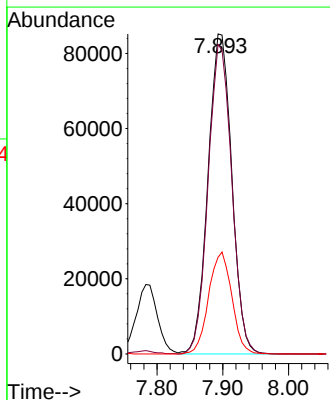
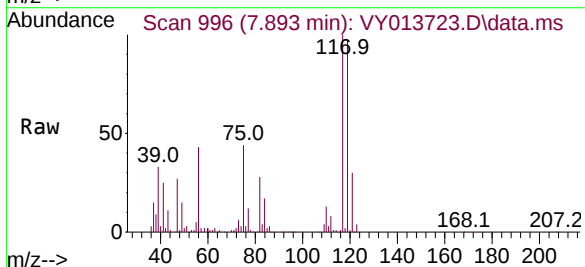
Manual Integrations
APPROVED

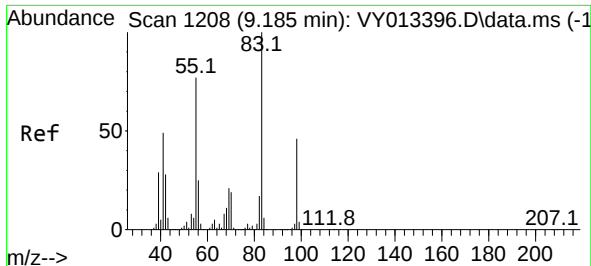
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023



#38
Carbon Tetrachloride
Concen: 30.079 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

Tgt Ion:117 Resp: 214156
Ion Ratio Lower Upper
117 100
119 96.7 79.0 118.6
121 30.2 26.6 40.0





#39

Methylcyclohexane

Concen: 28.105 ug/l

RT: 9.179 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY013723.D

Acq: 11 May 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

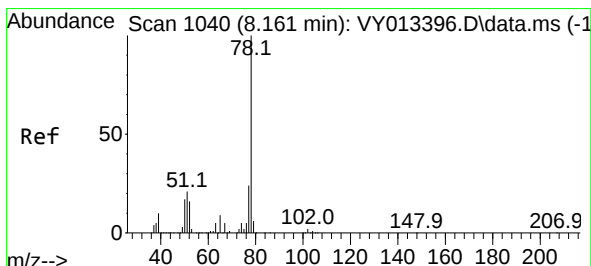
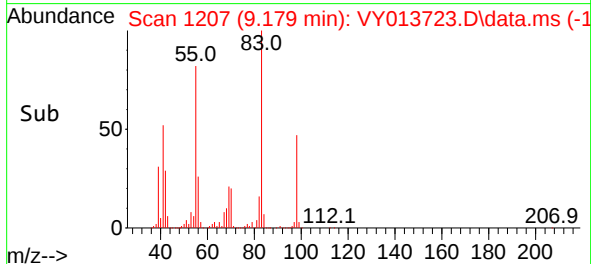
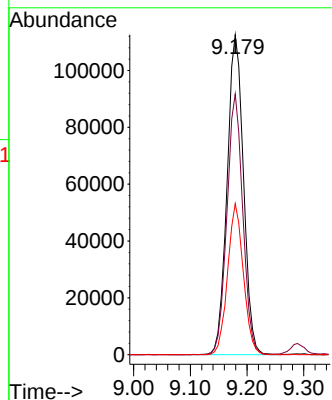
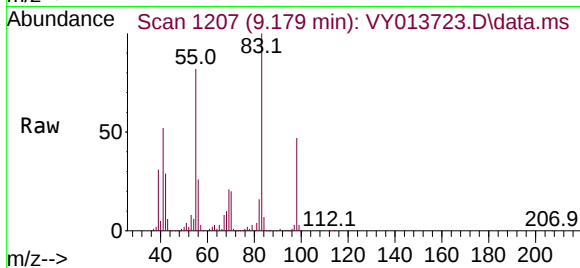
Tgt Ion:	83	Resp:	225070
Ion Ratio	Lower	Upper	
83	100		
55	81.5	59.0	88.4
98	47.2	37.0	55.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2023

Supervised By :Mahesh Dadoda 05/17/2023



#40

Benzene

Concen: 29.482 ug/l

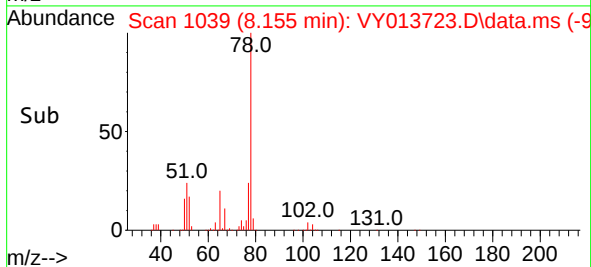
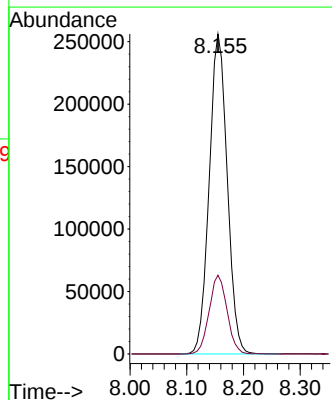
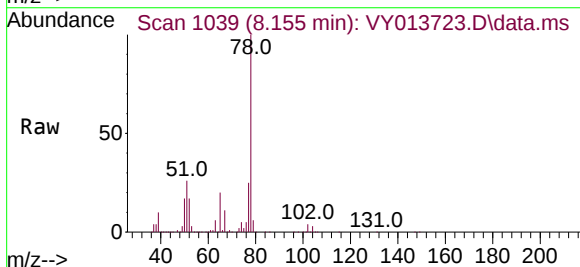
RT: 8.155 min Scan# 1039

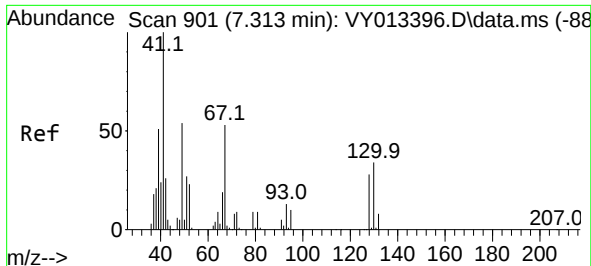
Delta R.T. -0.006 min

Lab File: VY013723.D

Acq: 11 May 2023 18:07

Tgt Ion:	78	Resp:	564131
Ion Ratio	Lower	Upper	
78	100		
77	24.6	19.2	28.8





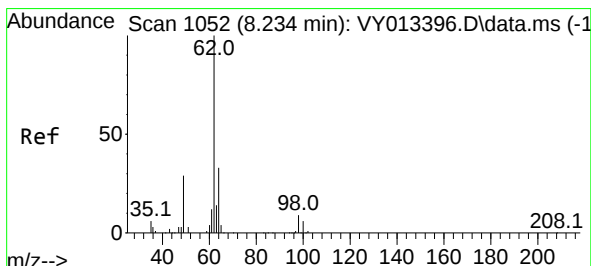
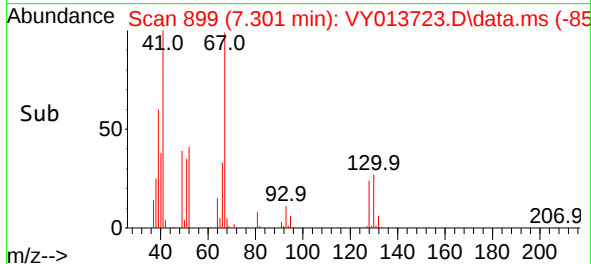
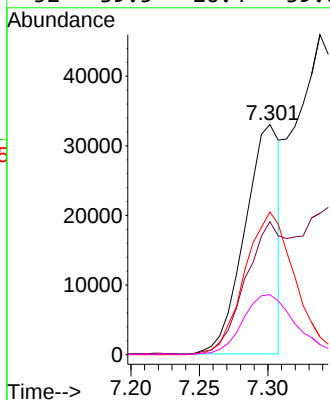
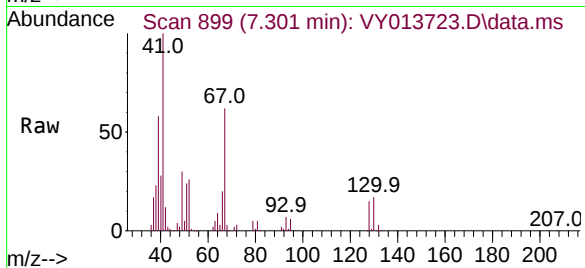
#41
Methacrylonitrile
Concen: 24.523 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.006 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	5841
Ion Ratio	Lower	Upper	
41	100		
39	66.4	44.2	66.4
67	90.8	62.9	94.3
52	39.5	26.4	39.6

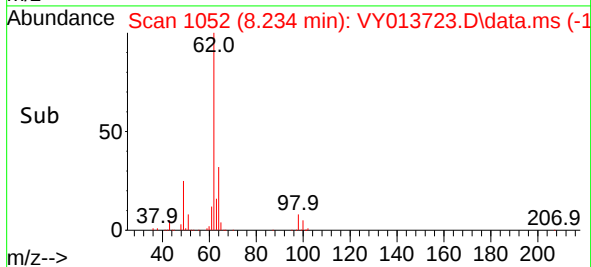
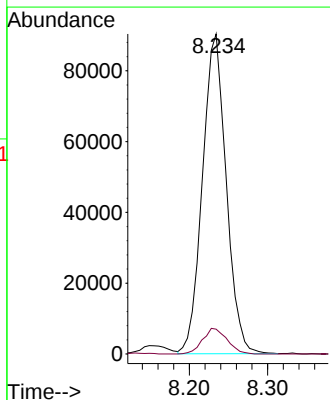
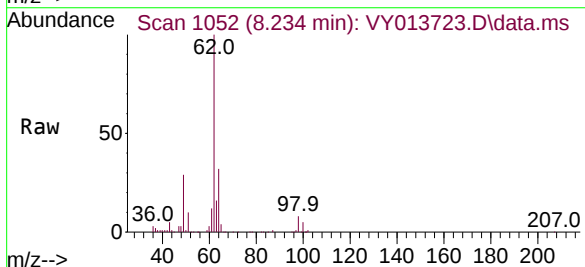
Manual Integrations
APPROVED

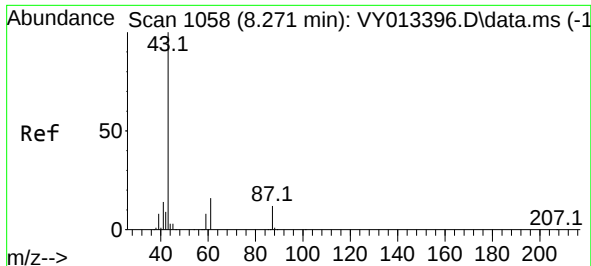
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023



#42
1,2-Dichloroethane
Concen: 30.448 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

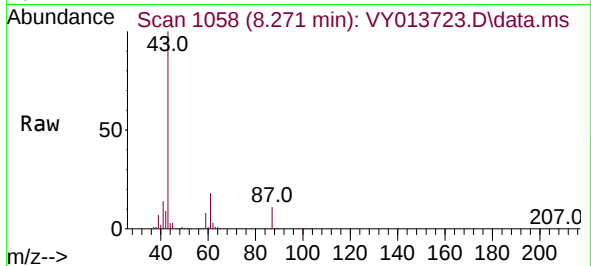
Tgt Ion:	62	Resp:	190480
Ion Ratio	Lower	Upper	
62	100		
98	8.2	0.0	17.8





#43
Isopropyl Acetate
Concen: 30.018 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.001 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

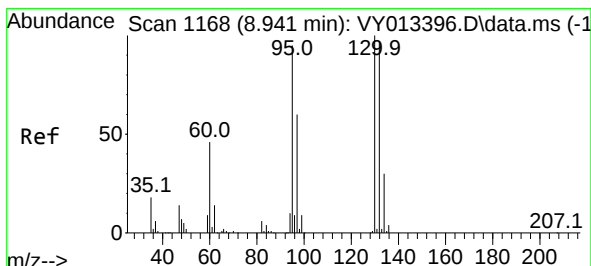
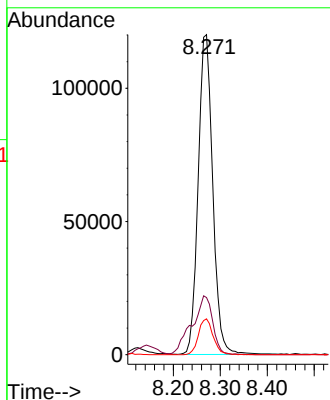
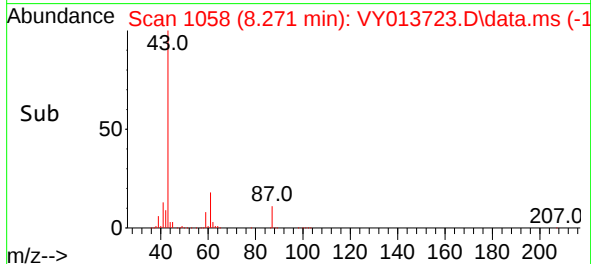
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



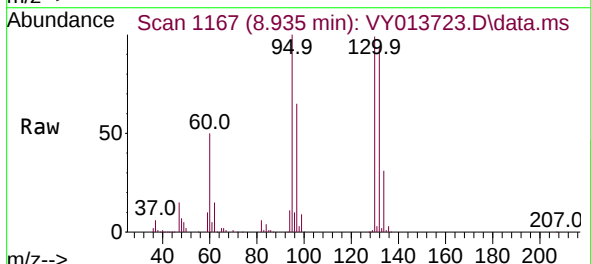
Tgt Ion: 43 Resp: 259000
Ion Ratio Lower Upper
43 100
61 26.3 22.2 33.4
87 11.3 11.0 16.6

Manual Integrations
APPROVED

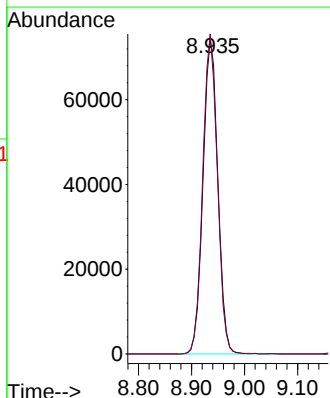
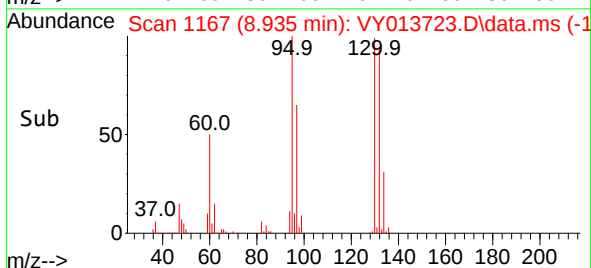
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023

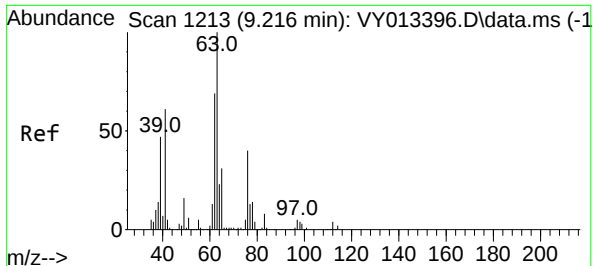


#44
Trichloroethene
Concen: 28.391 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07



Tgt Ion:130 Resp: 144510
Ion Ratio Lower Upper
130 100
95 101.5 0.0 188.8





#45

1,2-Dichloropropane

Concen: 30.539 ug/l

RT: 9.210 min Scan# 1212

Delta R.T. -0.005 min

Lab File: VY013723.D

Acq: 11 May 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 15279

Ion Ratio Lower Upper

63 100

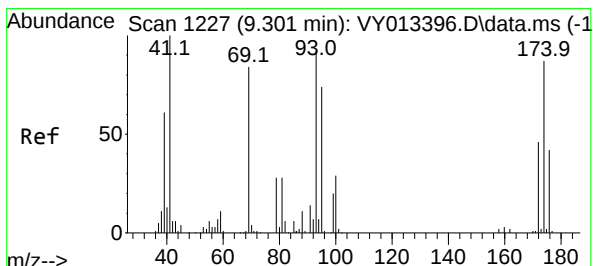
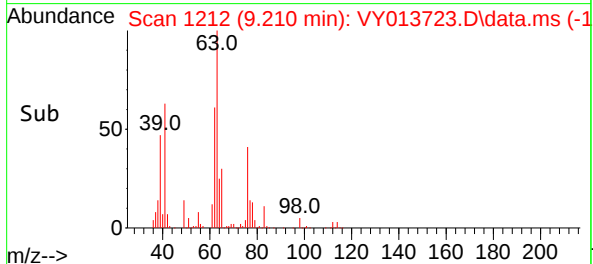
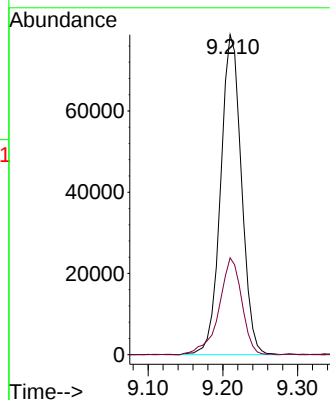
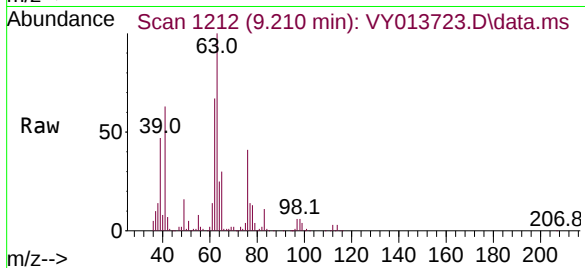
65 30.3 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2023

Supervised By :Mahesh Dadoda 05/17/2023



#46

Dibromomethane

Concen: 29.168 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY013723.D

Acq: 11 May 2023 18:07

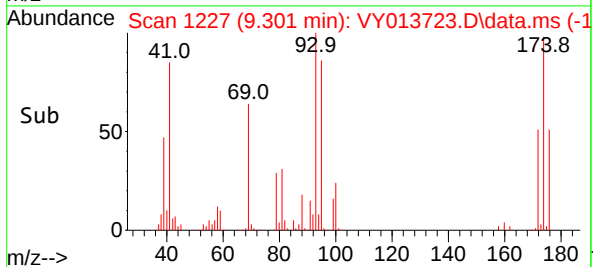
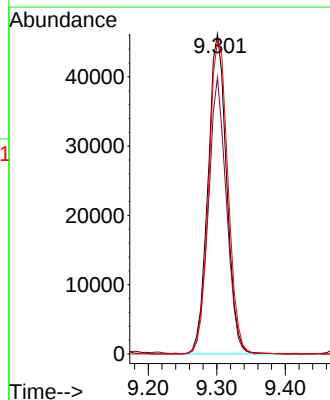
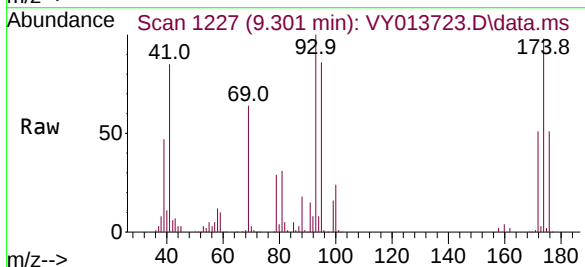
Tgt Ion: 93 Resp: 87318

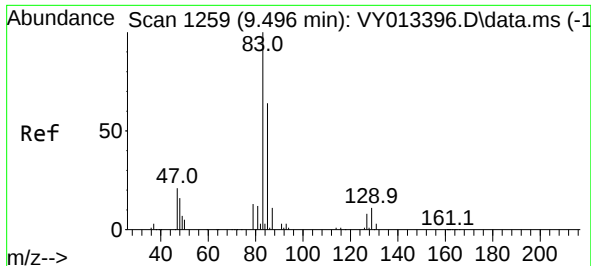
Ion Ratio Lower Upper

93 100

95 83.5 67.1 100.7

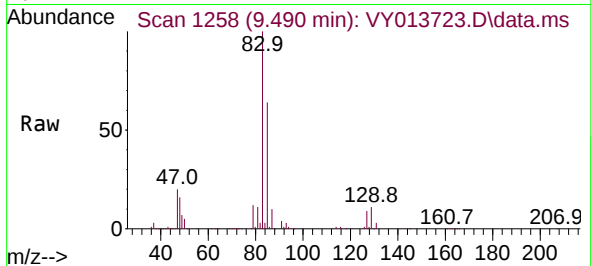
174 100.8 87.0 130.4





#47
Bromodichloromethane
Concen: 31.076 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

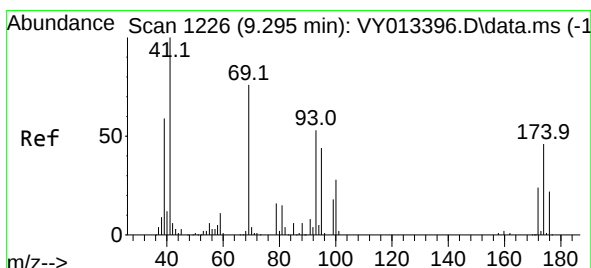
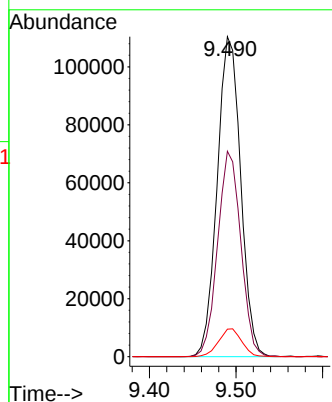
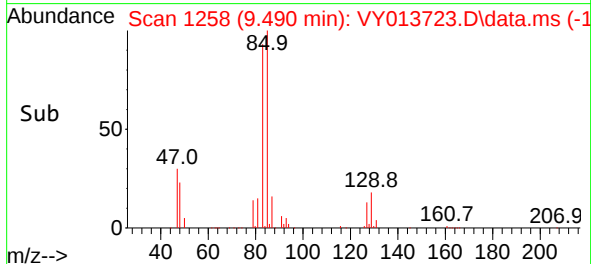
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 20816
Ion Ratio Lower Upper
83 100
85 64.2 51.4 77.2
127 8.6 8.1 12.1

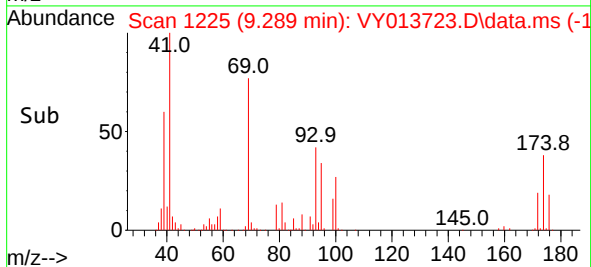
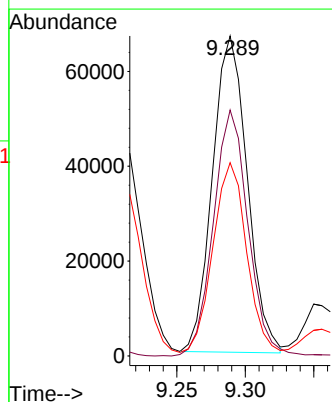
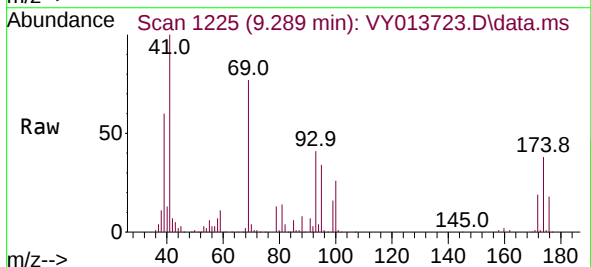
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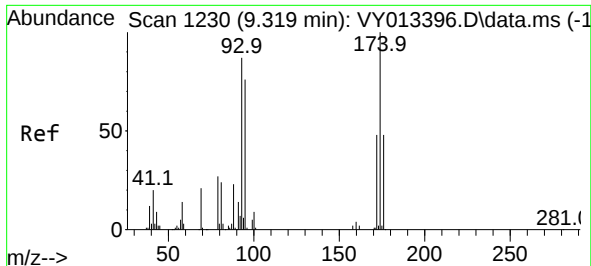
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023



#48
Methyl methacrylate
Concen: 29.687 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

Tgt Ion: 41 Resp: 117644
Ion Ratio Lower Upper
41 100
69 77.9 70.2 105.4
39 58.2 47.9 71.9





#49

1,4-Dioxane

Concen: 537.254 ug/l

RT: 9.301 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013723.D

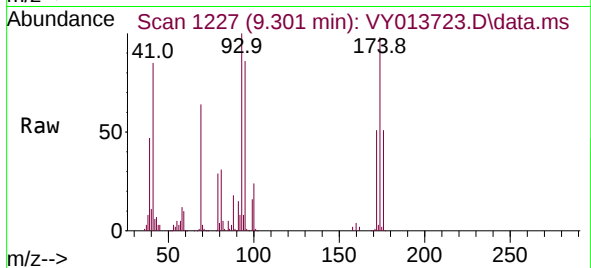
Acq: 11 May 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 88 Resp: 22970

Ion Ratio Lower Upper

88 100

43 33.5 16.8 25.2

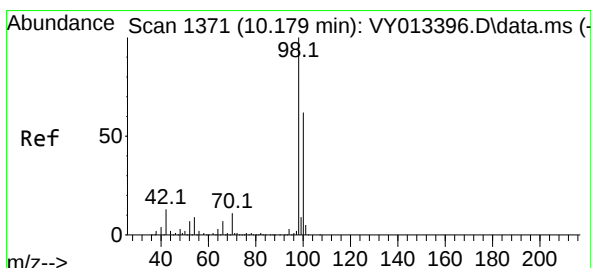
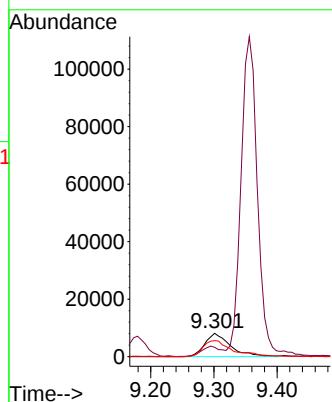
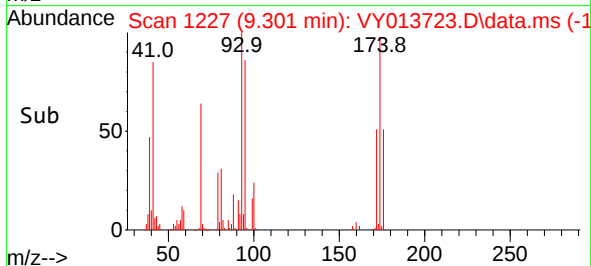
58 80.0 54.3 81.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2023

Supervised By :Mahesh Dadoda 05/17/2023



#50

Toluene-d8

Concen: 53.504 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY013723.D

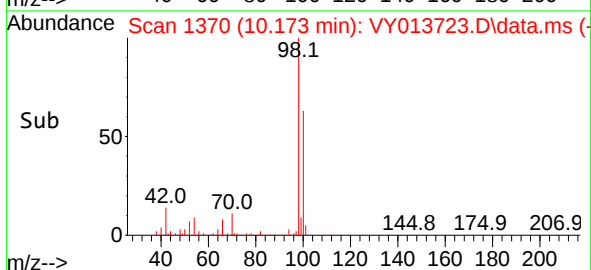
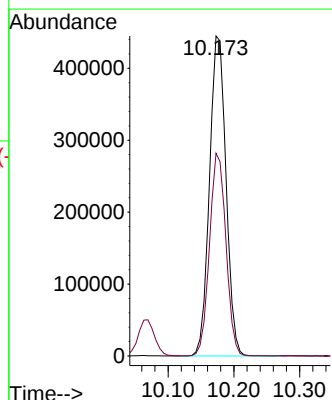
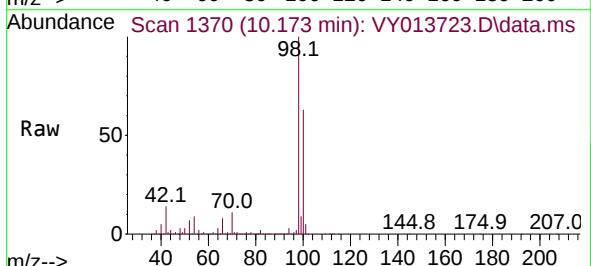
Acq: 11 May 2023 18:07

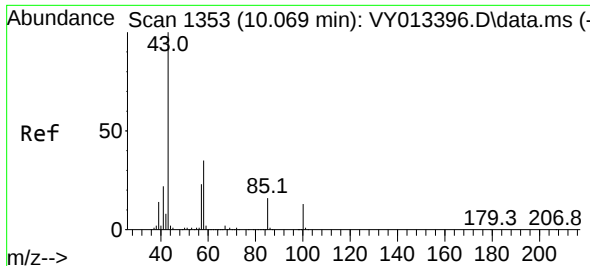
Tgt Ion: 98 Resp: 779056

Ion Ratio Lower Upper

98 100

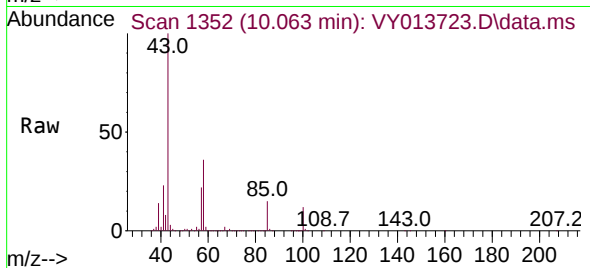
100 62.8 50.5 75.7





#51
4-Methyl-2-Pentanone
Concen: 147.854 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

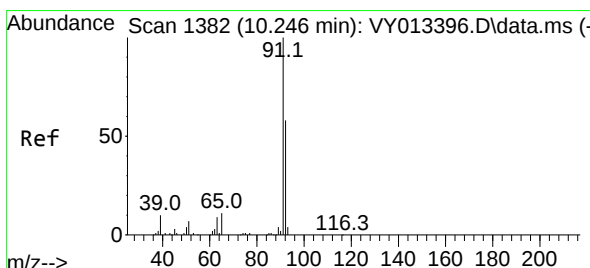
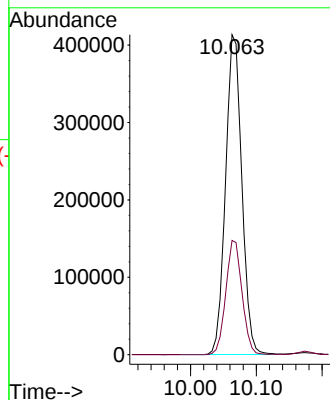
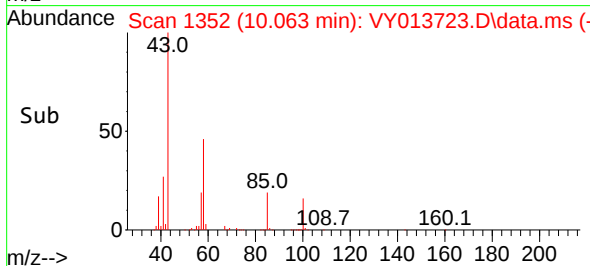
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 710908
Ion Ratio Lower Upper
43 100
58 35.7 30.6 46.0

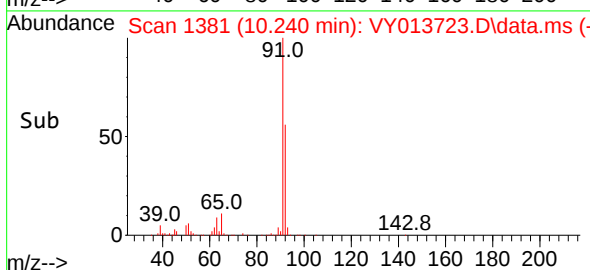
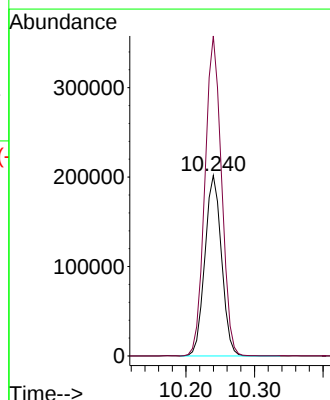
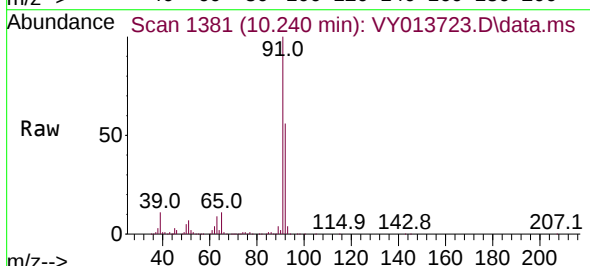
Manual Integrations
APPROVED

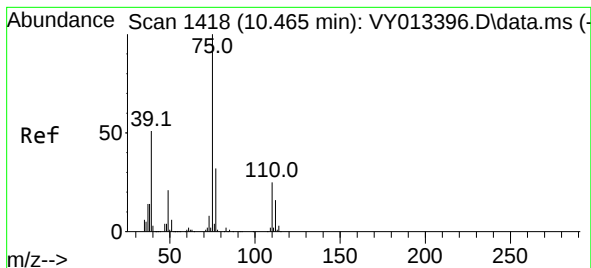
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023



#52
Toluene
Concen: 29.608 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

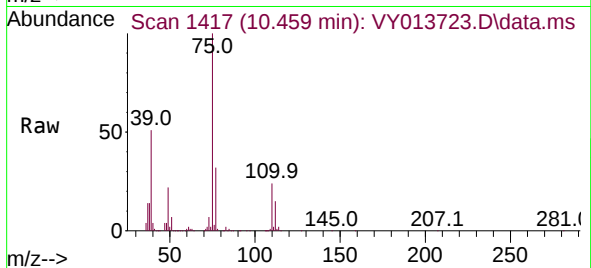
Tgt Ion: 92 Resp: 340932
Ion Ratio Lower Upper
92 100
91 177.2 140.2 210.4





#53
t-1,3-Dichloropropene
Concen: 30.340 ug/l
RT: 10.459 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

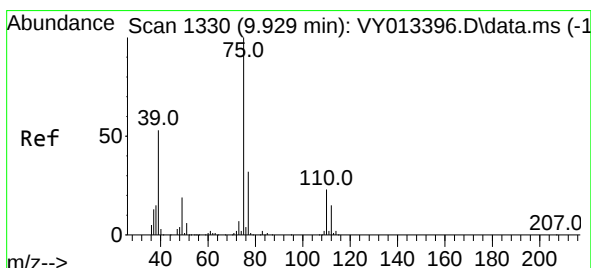
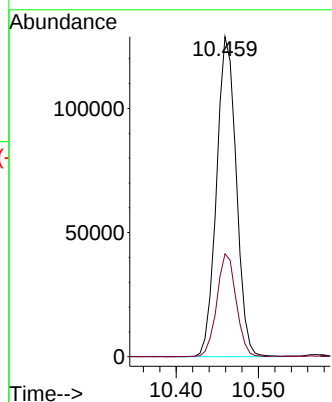
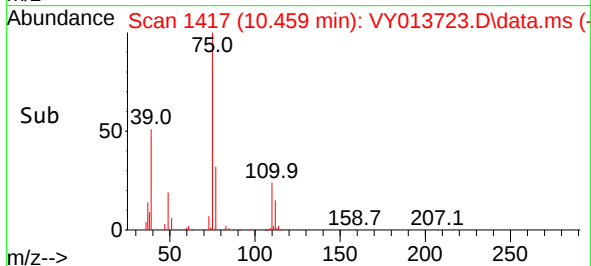
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 215089
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.8

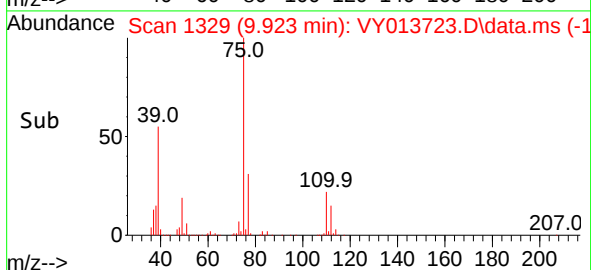
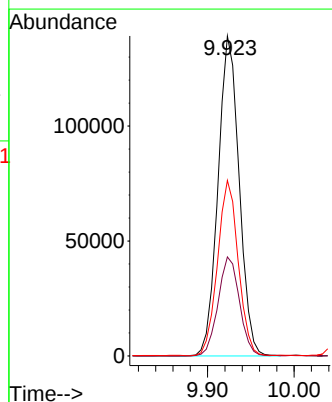
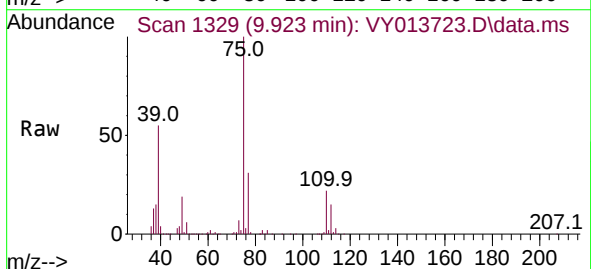
Manual Integrations
APPROVED

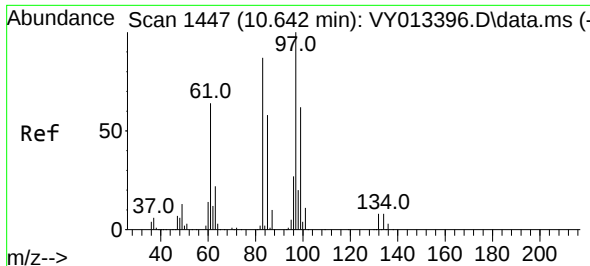
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023



#54
cis-1,3-Dichloropropene
Concen: 29.570 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

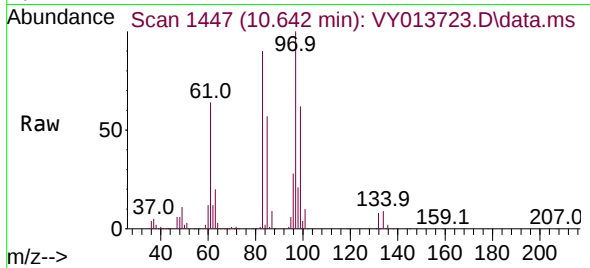
Tgt Ion: 75 Resp: 235879
Ion Ratio Lower Upper
75 100
77 31.0 24.8 37.2
39 54.7 38.1 57.1





#55
1,1,2-Trichloroethane
Concen: 29.740 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

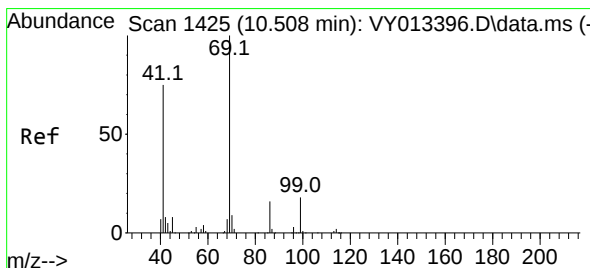
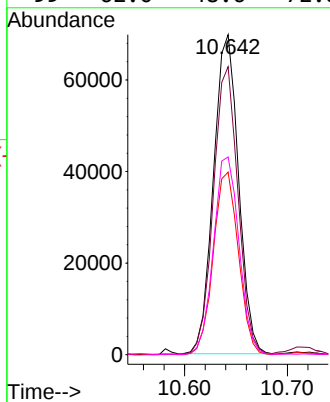
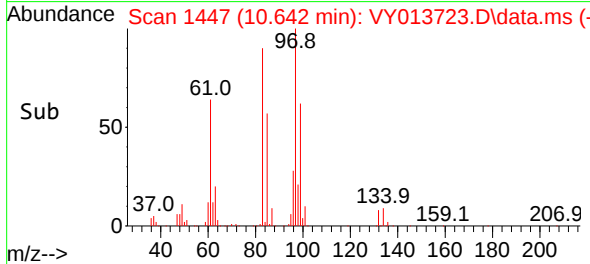
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	97	Resp:	11790
Ion Ratio	100	Lower	Upper
97	100		
83	90.1	66.4	99.6
85	57.1	45.6	68.4
99	62.0	48.6	72.8

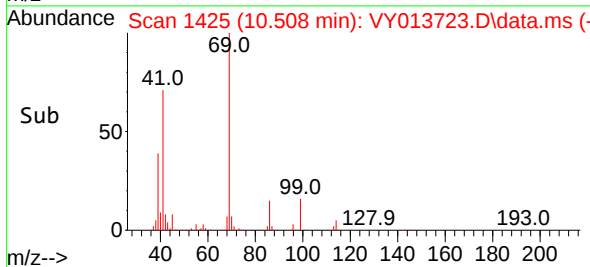
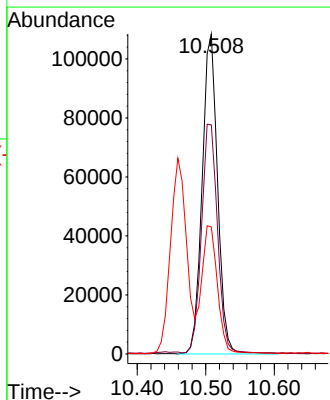
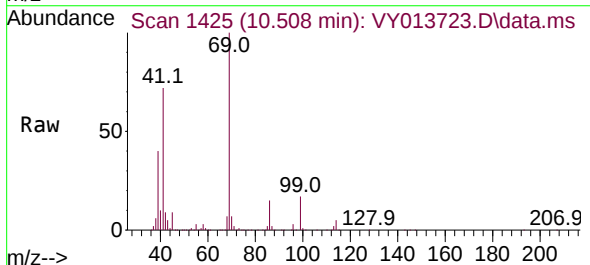
Manual Integrations
APPROVED

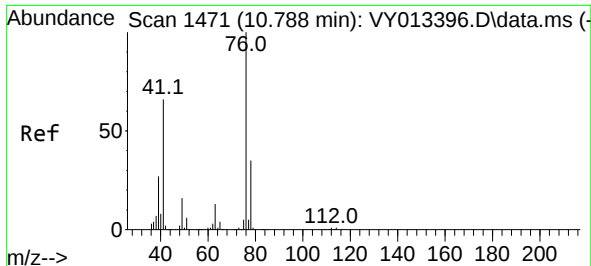
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023



#56
Ethyl methacrylate
Concen: 30.918 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

Tgt Ion:	69	Resp:	170049
Ion Ratio	100	Lower	Upper
69	100		
41	74.2	51.4	77.0
39	40.8	29.0	43.6





#57

1,3-Dichloropropane

Concen: 30.230 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.001 min

Lab File: VY013723.D

Acq: 11 May 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 202964

Ion Ratio Lower Upper

76 100

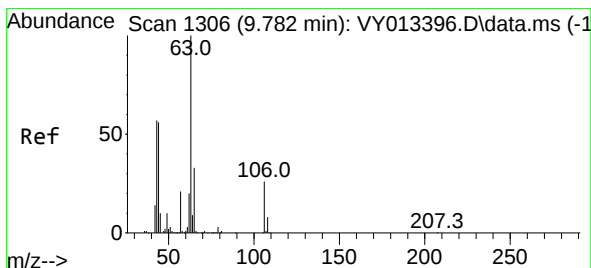
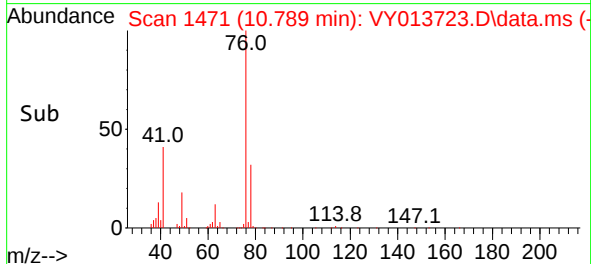
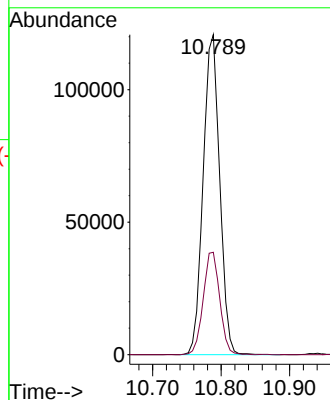
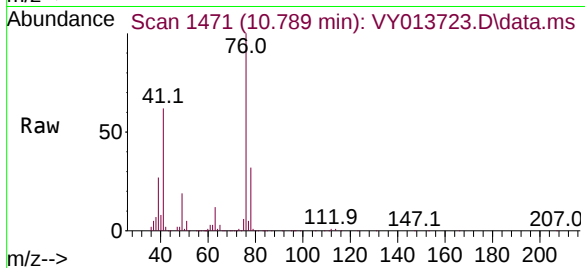
78 32.0 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2023

Supervised By :Mahesh Dadoda 05/17/2023



#58

2-Chloroethyl Vinyl ether

Concen: 144.262 ug/l

RT: 9.777 min Scan# 1305

Delta R.T. -0.005 min

Lab File: VY013723.D

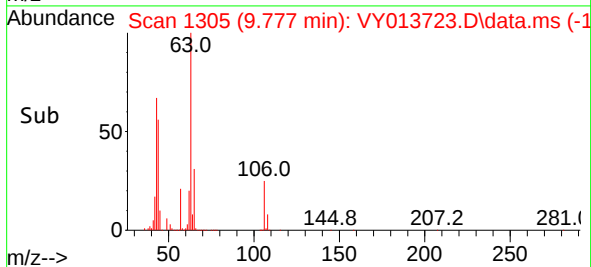
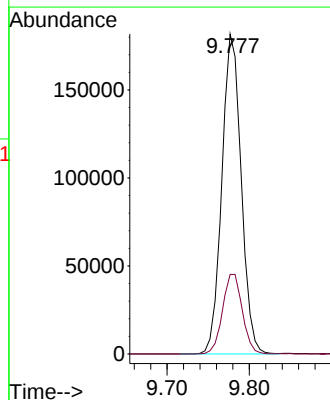
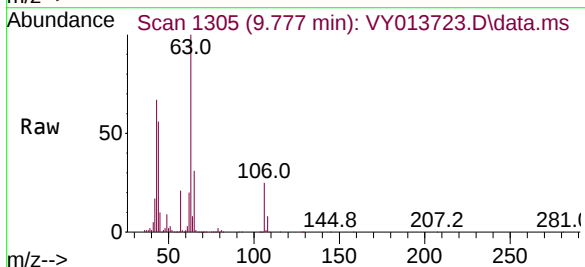
Acq: 11 May 2023 18:07

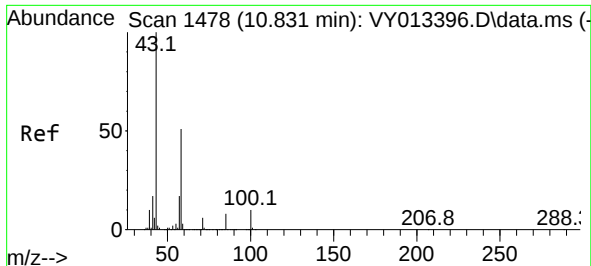
Tgt Ion: 63 Resp: 297526

Ion Ratio Lower Upper

63 100

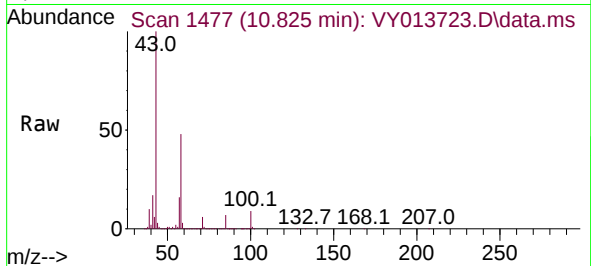
106 25.5 23.5 35.3





#59
2-Hexanone
Concen: 146.130 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

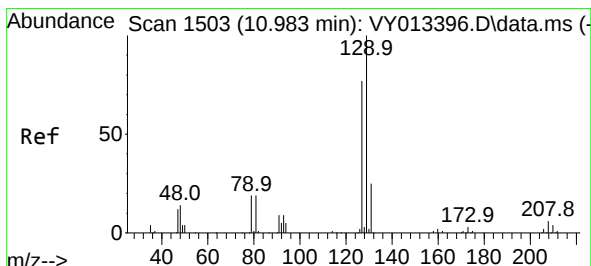
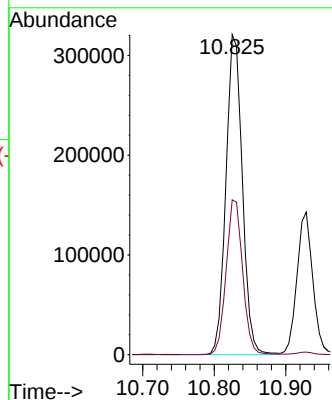
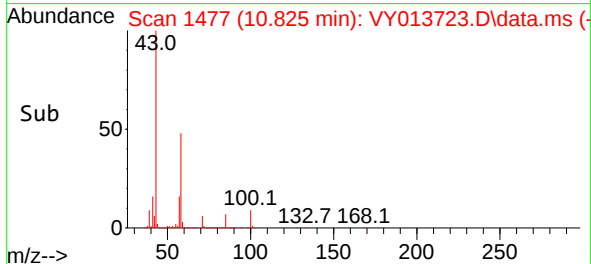
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



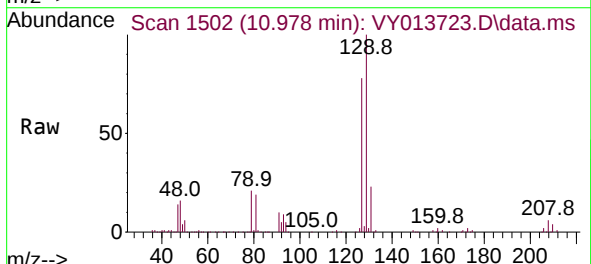
Tgt Ion: 43 Resp: 510749
Ion Ratio Lower Upper
43 100
58 48.8 26.3 78.8

Manual Integrations
APPROVED

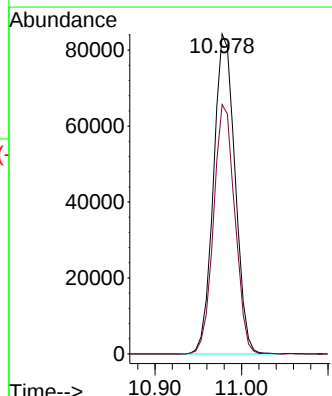
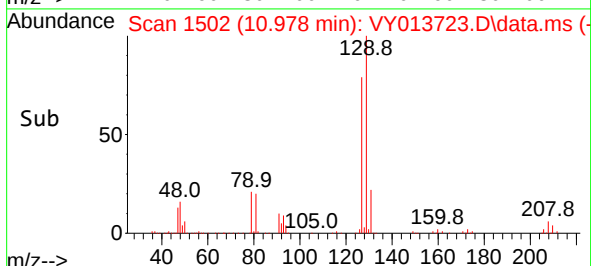
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023

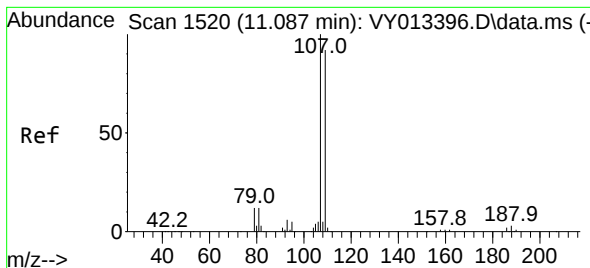


#60
Dibromochloromethane
Concen: 30.222 ug/l
RT: 10.978 min Scan# 1502
Delta R.T. -0.005 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07



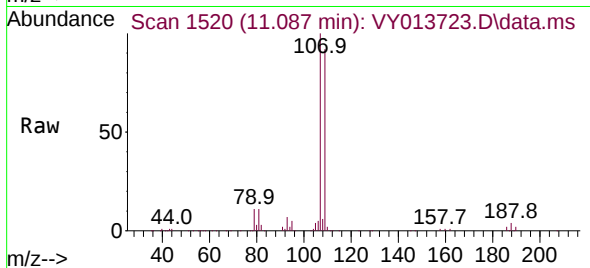
Tgt Ion:129 Resp: 145477
Ion Ratio Lower Upper
129 100
127 77.1 38.7 116.1





#61
1,2-Dibromoethane
Concen: 29.470 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

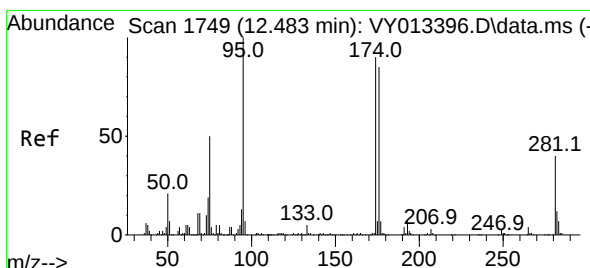
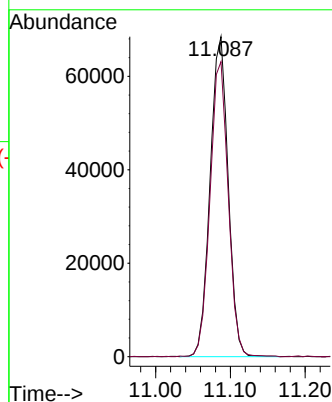
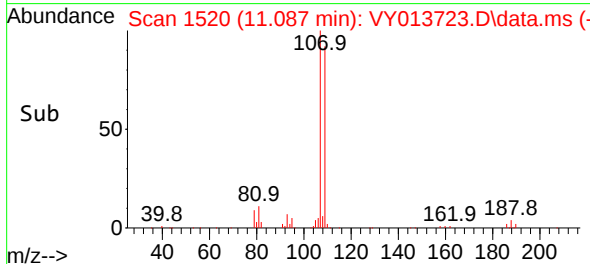
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



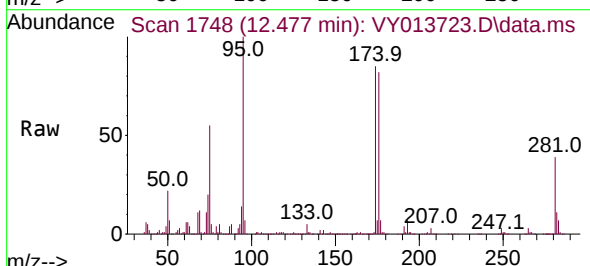
Tgt Ion:107 Resp: 11486
Ion Ratio Lower Upper
107 100
109 92.9 75.6 113.4

Manual Integrations
APPROVED

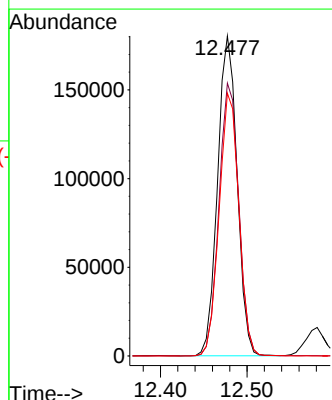
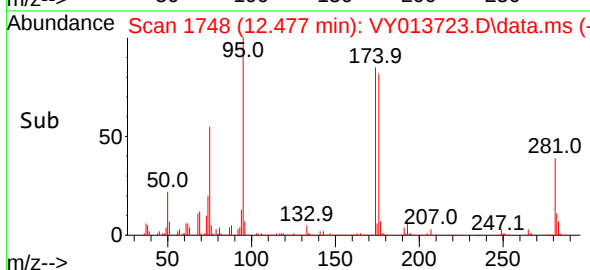
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023

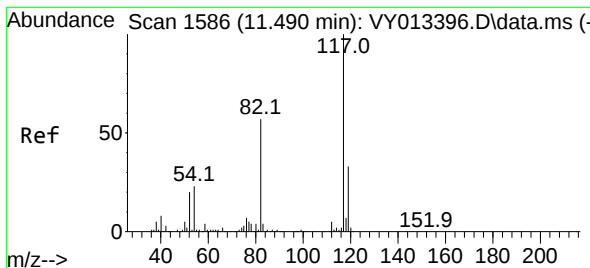


#62
4-Bromofluorobenzene
Concen: 57.483 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07



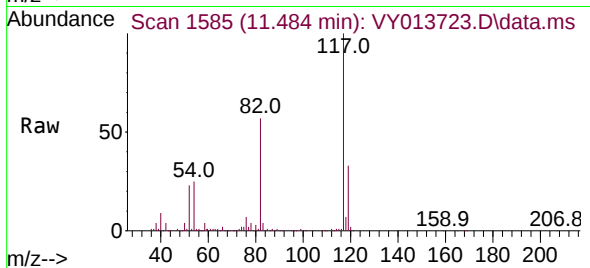
Tgt Ion: 95 Resp: 282172
Ion Ratio Lower Upper
95 100
174 86.5 0.0 182.0
176 83.0 0.0 175.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.484 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

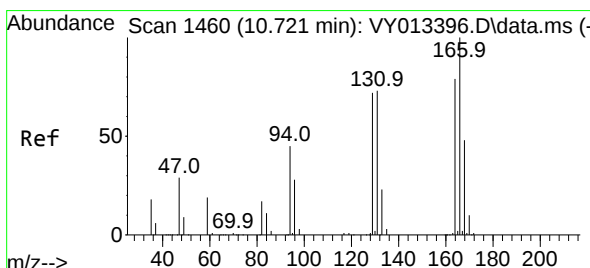
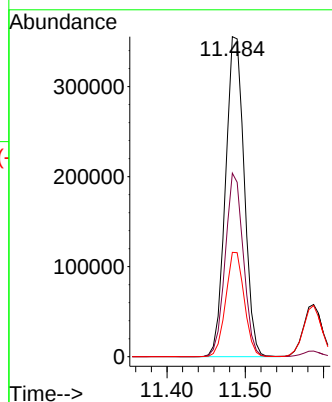
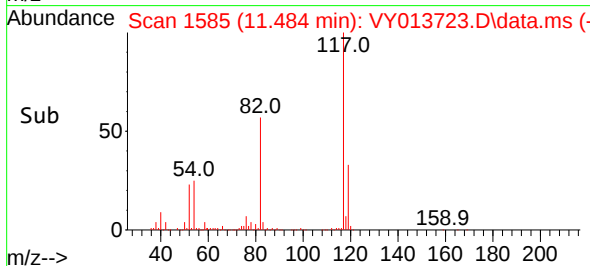
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 58917
Ion Ratio Lower Upper
117 100
82 57.4 43.0 64.6
119 32.6 25.5 38.3

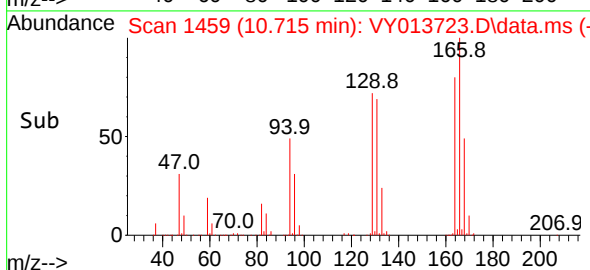
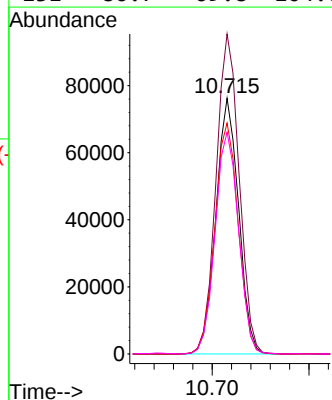
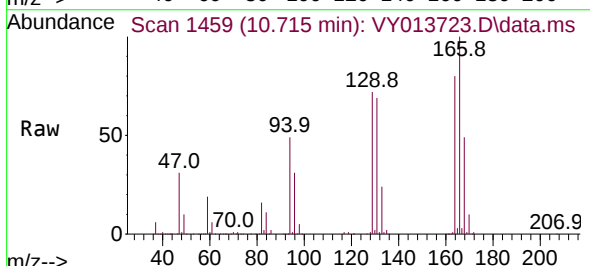
Manual Integrations
APPROVED

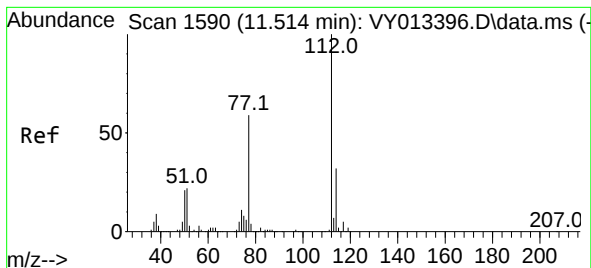
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023



#64
Tetrachloroethene
Concen: 27.775 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

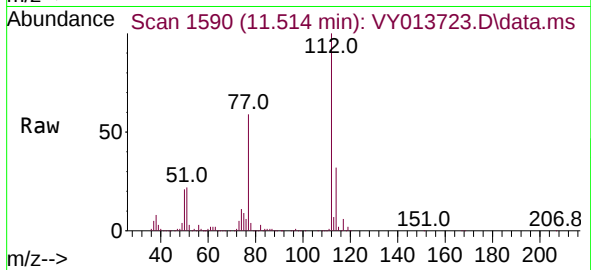
Tgt Ion:164 Resp: 124433
Ion Ratio Lower Upper
164 100
166 125.1 97.5 146.3
129 90.3 72.6 109.0
131 86.7 69.8 104.6





#65
Chlorobenzene
Concen: 28.326 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

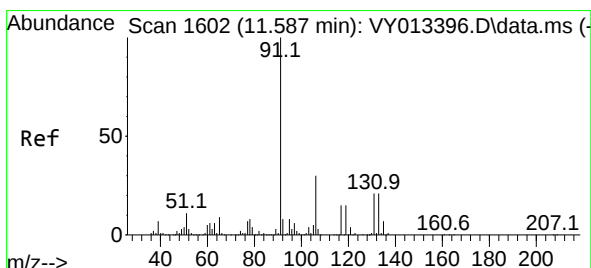
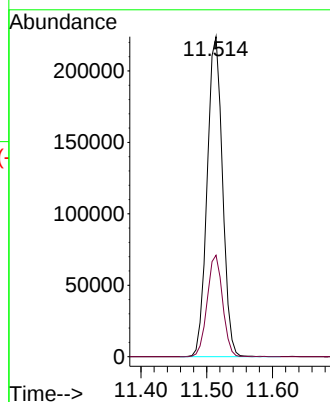
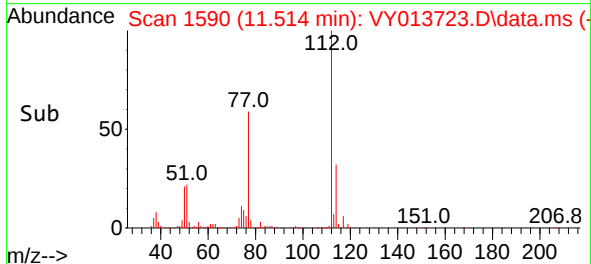
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



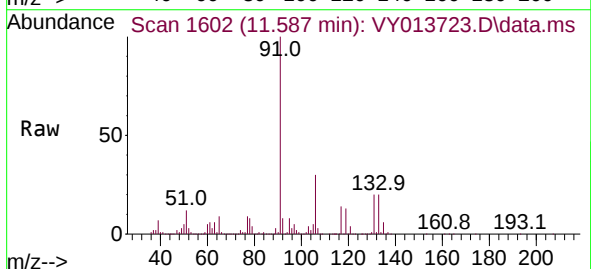
Tgt Ion:112 Resp: 363548
Ion Ratio Lower Upper
112 100
114 31.7 24.9 37.3

Manual Integrations
APPROVED

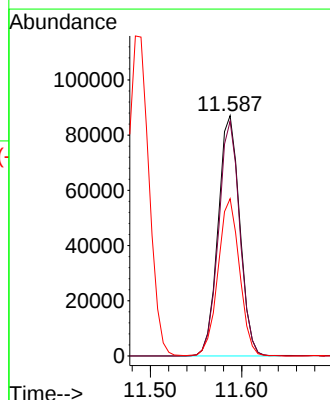
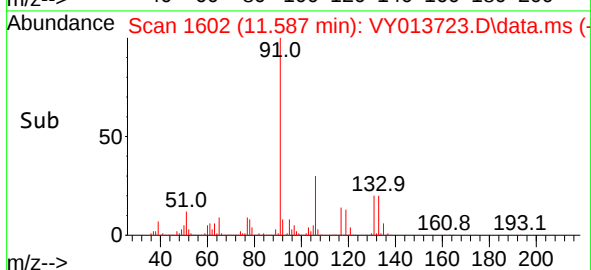
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023

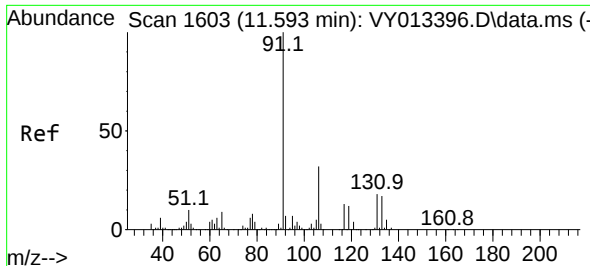


#66
1,1,1,2-Tetrachloroethane
Concen: 29.840 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07



Tgt Ion:131 Resp: 143232
Ion Ratio Lower Upper
131 100
133 95.7 47.7 143.1
119 65.1 32.6 98.0





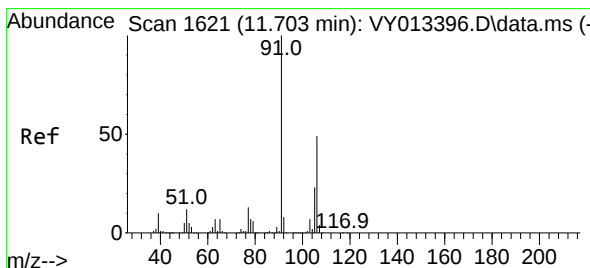
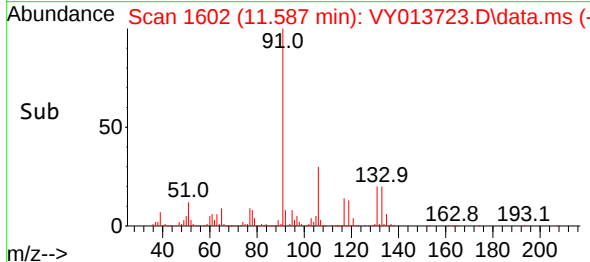
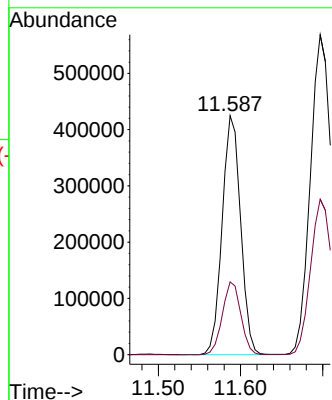
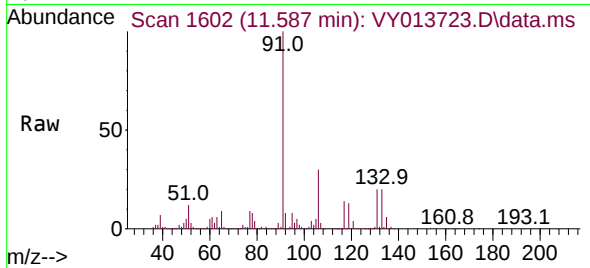
#67
Ethyl Benzene
Concen: 29.431 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 66328
Ion Ratio Lower Upper
91 100
106 30.5 25.1 37.7

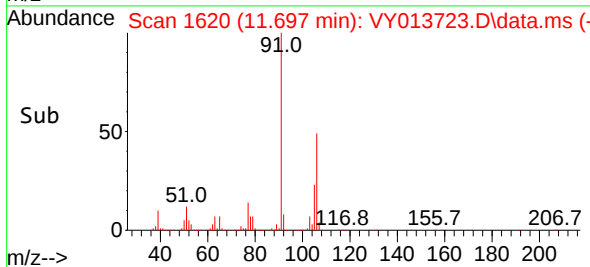
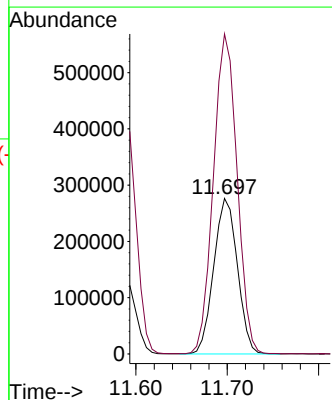
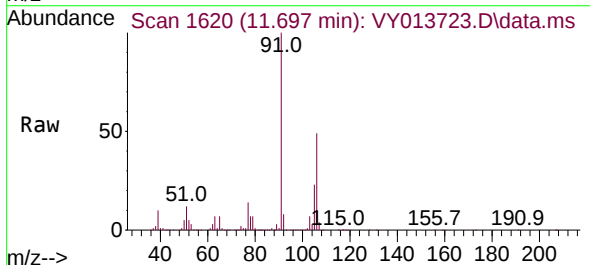
Manual Integrations
APPROVED

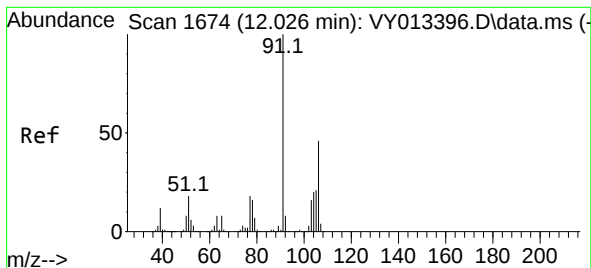
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023



#68
m/p-Xylenes
Concen: 57.984 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

Tgt Ion:106 Resp: 496784
Ion Ratio Lower Upper
106 100
91 205.9 160.9 241.3





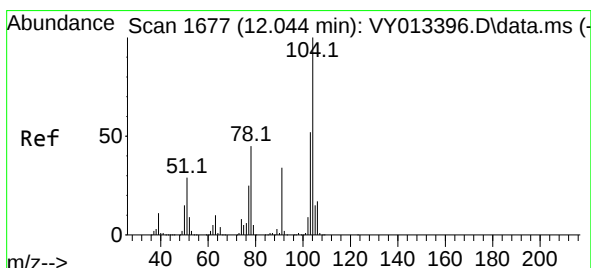
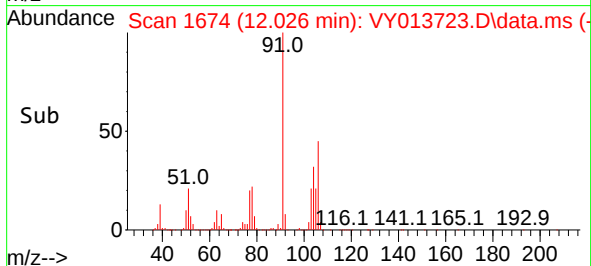
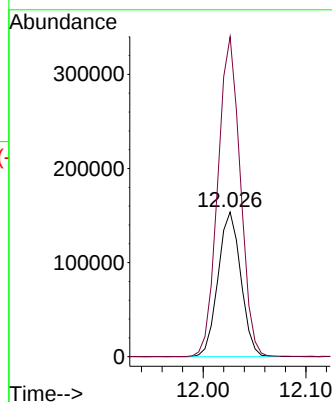
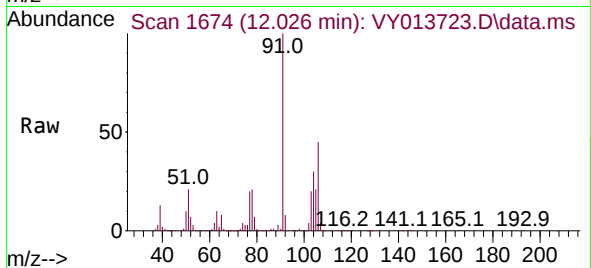
#69
o-Xylene
Concen: 29.114 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 23590
Ion Ratio Lower Upper
106 100
91 219.1 105.5 316.4

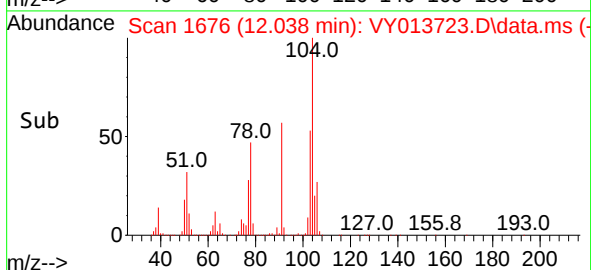
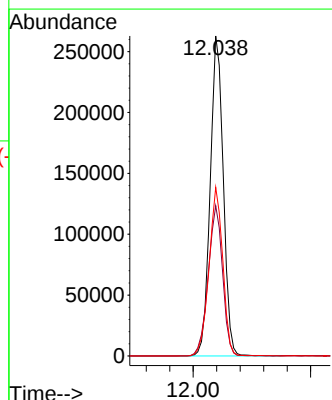
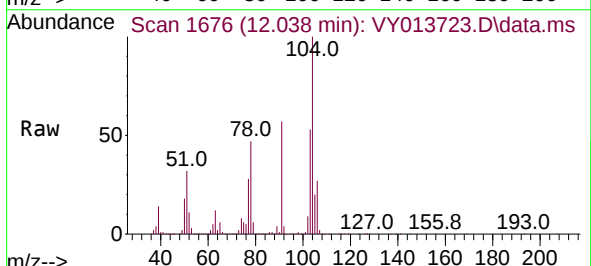
Manual Integrations
APPROVED

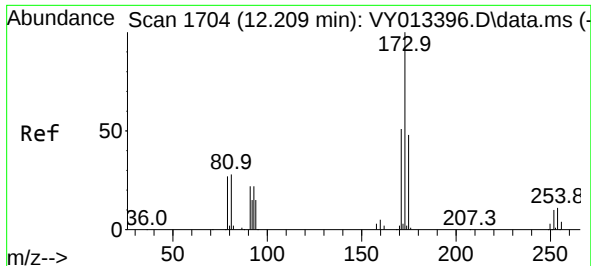
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023



#70
Styrene
Concen: 30.051 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

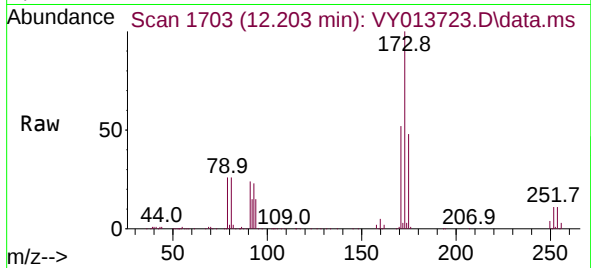
Tgt Ion:104 Resp: 407140
Ion Ratio Lower Upper
104 100
78 51.6 40.3 60.5
103 55.4 45.0 67.4





#71
Bromoform
Concen: 29.082 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

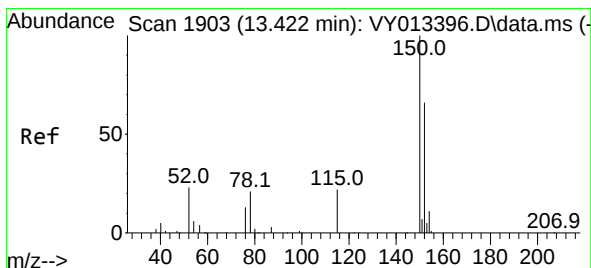
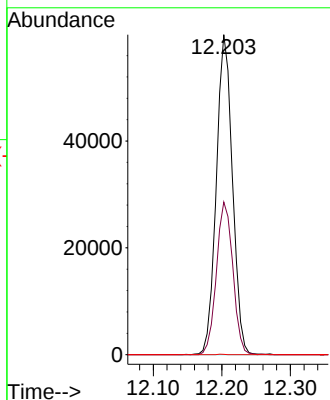
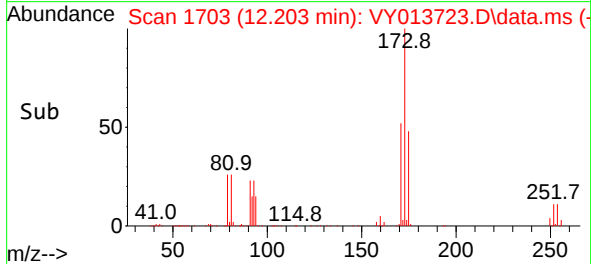
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 97779
Ion Ratio Lower Upper
173 100
175 48.5 24.3 72.8
254 0.1 0.2 0.2

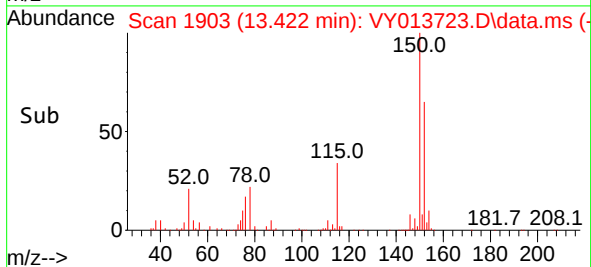
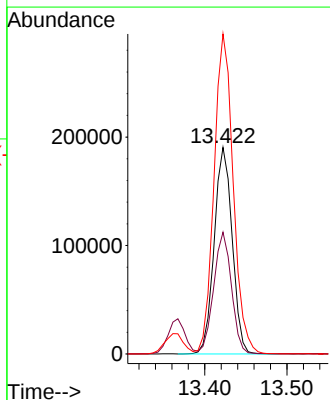
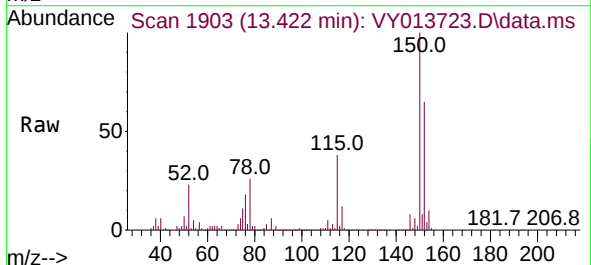
Manual Integrations
APPROVED

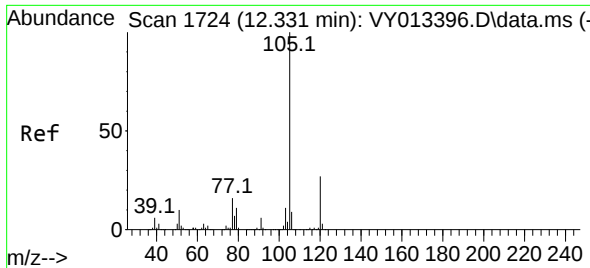
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

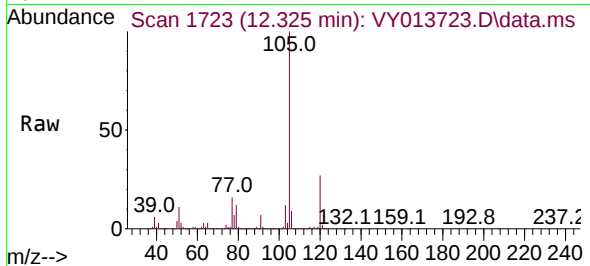
Tgt Ion:152 Resp: 289017
Ion Ratio Lower Upper
152 100
115 58.1 28.1 84.2
150 165.7 0.0 352.0





#73
Isopropylbenzene
Concen: 29.069 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

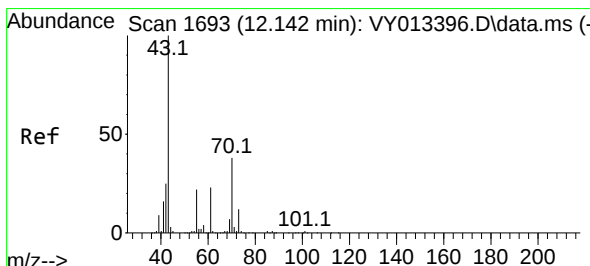
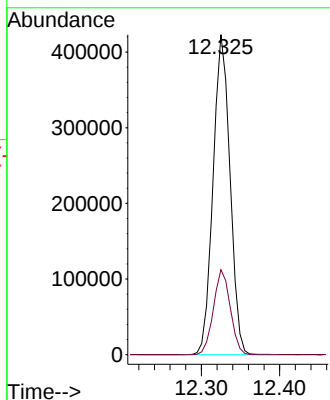
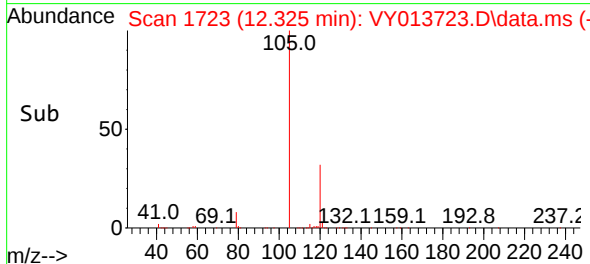
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 635444
Ion Ratio Lower Upper
105 100
120 26.4 13.7 41.0

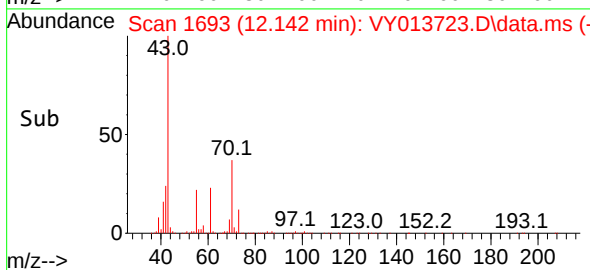
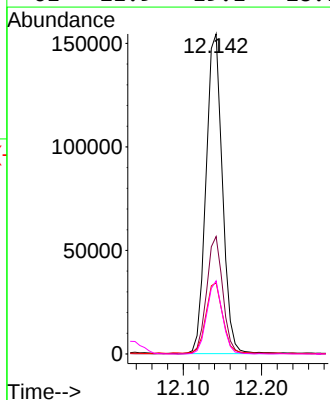
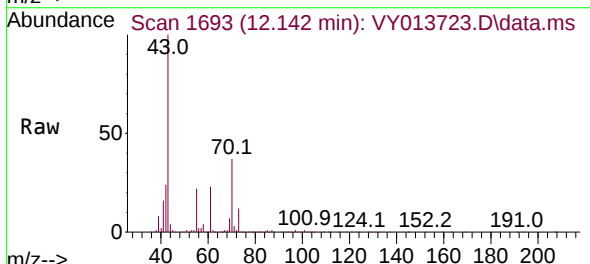
Manual Integrations
APPROVED

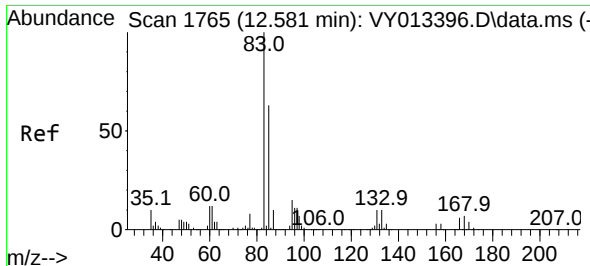
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023



#74
N-ethyl acetate
Concen: 28.743 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

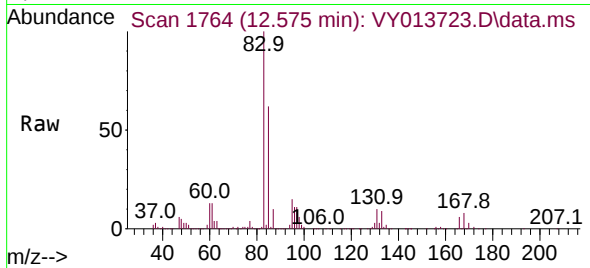
Tgt Ion: 43 Resp: 223599
Ion Ratio Lower Upper
43 100
70 36.8 33.0 49.4
55 22.8 19.8 29.6
61 21.9 19.1 28.7





#75
1,1,2,2-Tetrachloroethane
Concen: 27.891 ug/l
RT: 12.575 min Scan# 1764
Delta R.T. -0.006 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

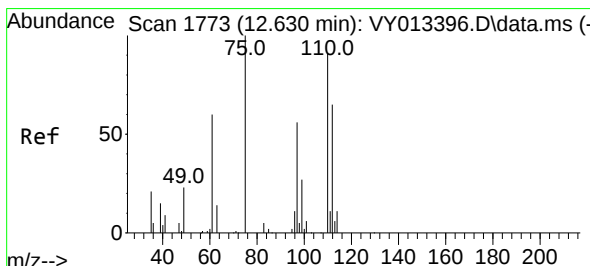
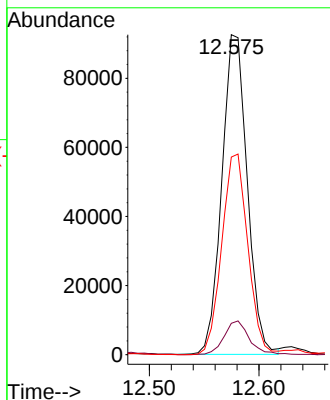
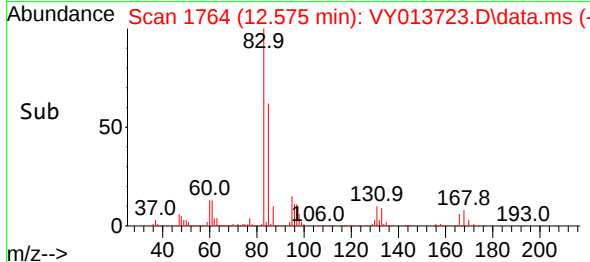
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 149030
Ion Ratio Lower Upper
83 100
131 10.6 5.7 17.0
85 64.4 31.8 95.4

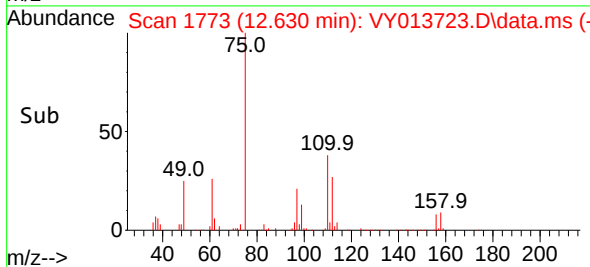
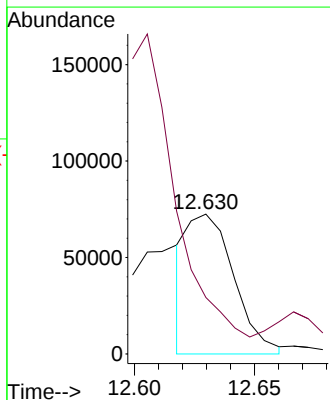
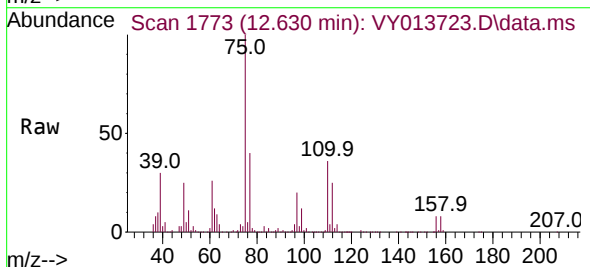
Manual Integrations
APPROVED

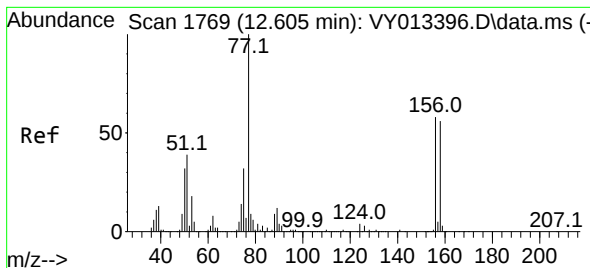
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023



#76
1,2,3-Trichloropropane
Concen: 25.365 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. 0.001 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

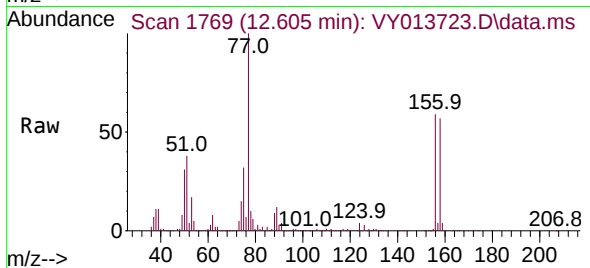
Tgt Ion: 75 Resp: 98867
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 28.600 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

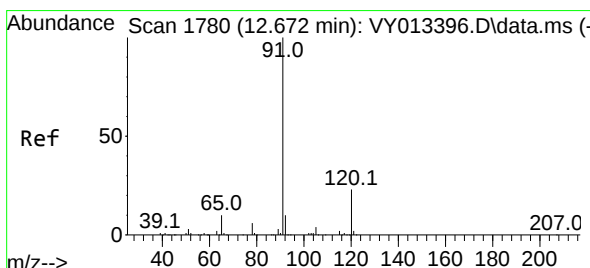
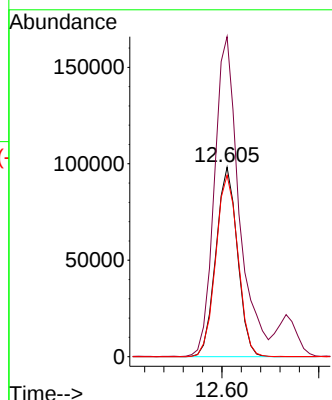
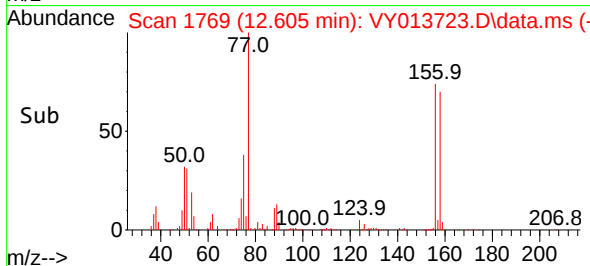
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



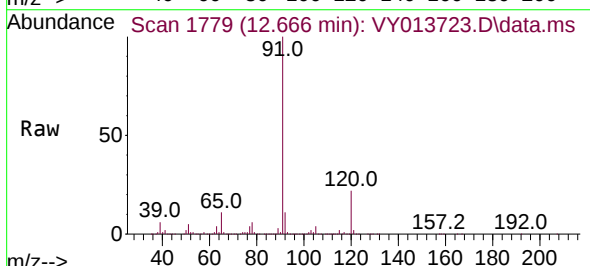
Tgt Ion:156 Resp: 151490
Ion Ratio Lower Upper
156 100
77 194.1 87.6 262.9
158 98.8 48.5 145.5

Manual Integrations
APPROVED

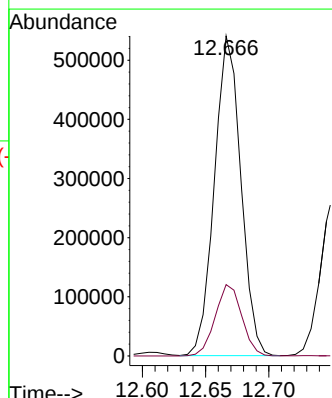
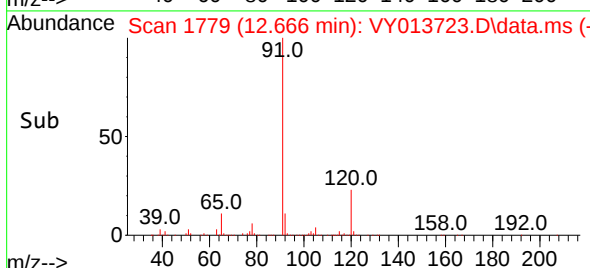
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023

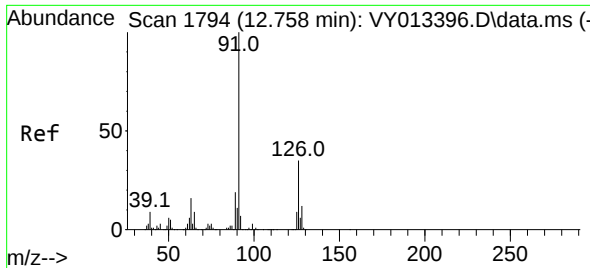


#78
n-propylbenzene
Concen: 29.136 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07



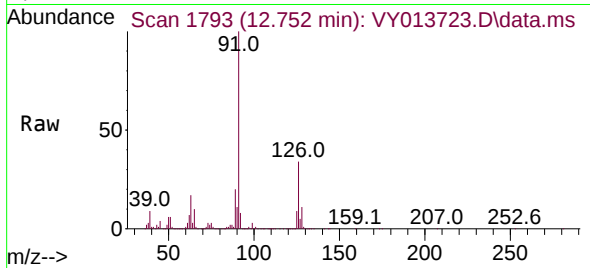
Tgt Ion: 91 Resp: 784510
Ion Ratio Lower Upper
91 100
120 22.5 11.9 35.9





#79
2-Chlorotoluene
Concen: 29.103 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. -0.005 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

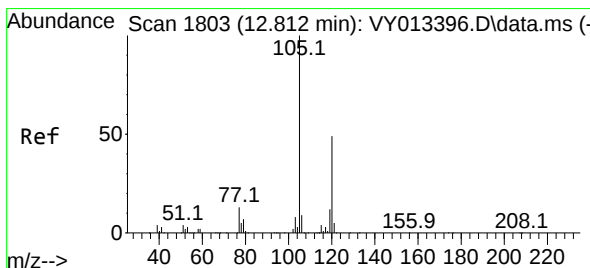
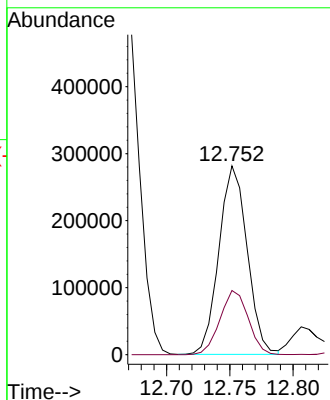
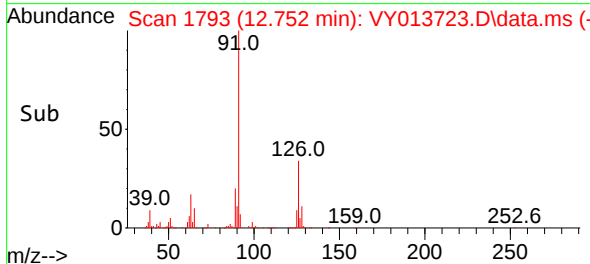
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



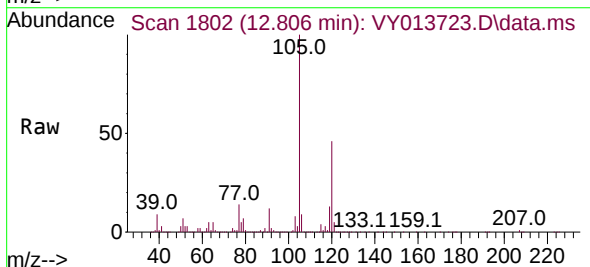
Tgt Ion: 91 Resp: 437600
Ion Ratio Lower Upper
91 100
126 34.0 17.8 53.4

Manual Integrations
APPROVED

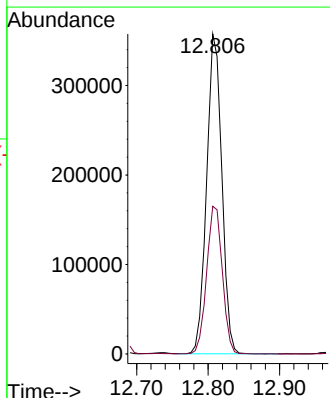
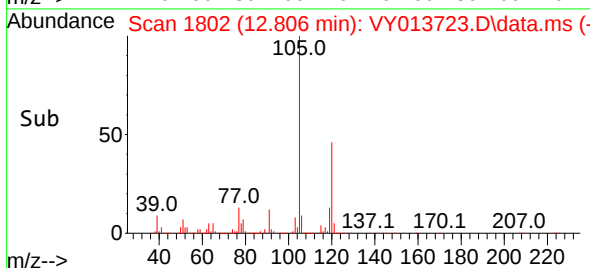
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023

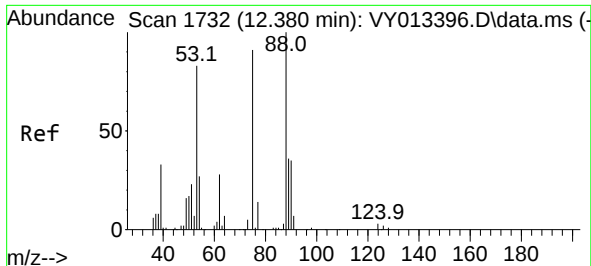


#80
1,3,5-Trimethylbenzene
Concen: 29.557 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07



Tgt Ion:105 Resp: 527364
Ion Ratio Lower Upper
105 100
120 47.7 24.7 74.1





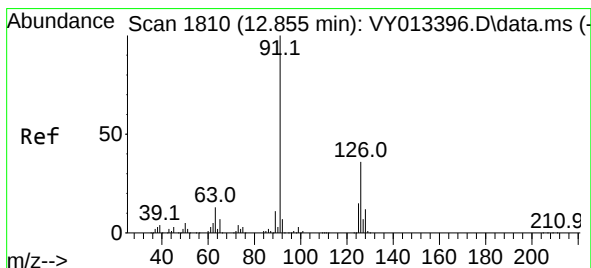
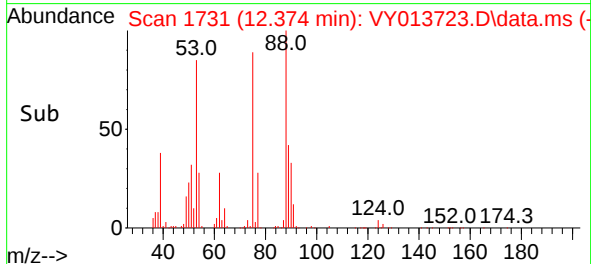
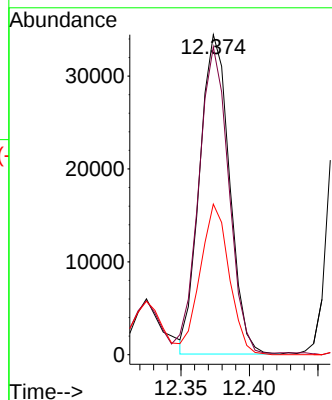
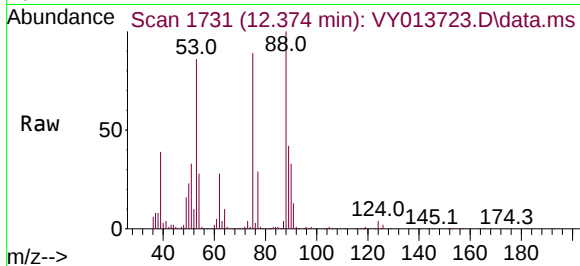
#81
trans-1,4-Dichloro-2-butene
Concen: 27.268 ug/l
RT: 12.374 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 51958
Ion Ratio Lower Upper
75 100
53 97.0 73.2 109.8
89 45.8 38.0 57.0

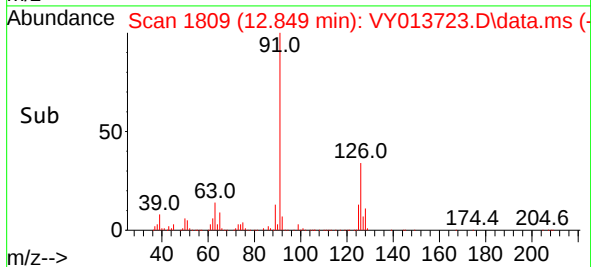
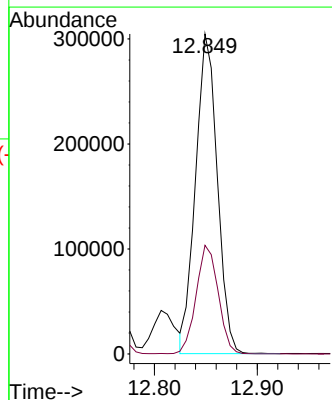
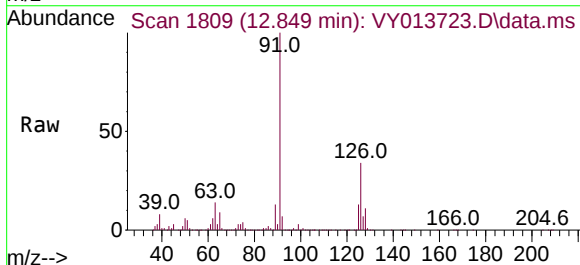
Manual Integrations
APPROVED

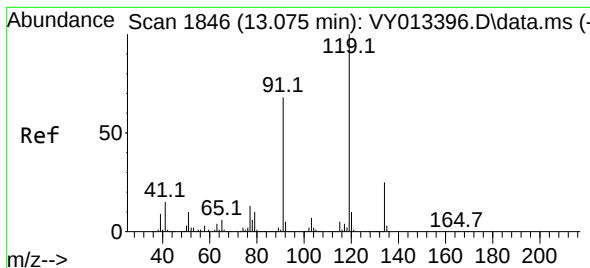
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023



#82
4-Chlorotoluene
Concen: 28.538 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

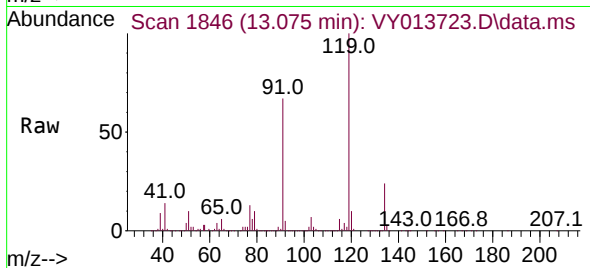
Tgt Ion: 91 Resp: 447246
Ion Ratio Lower Upper
91 100
126 34.5 17.9 53.8





#83
tert-Butylbenzene
Concen: 30.222 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.001 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

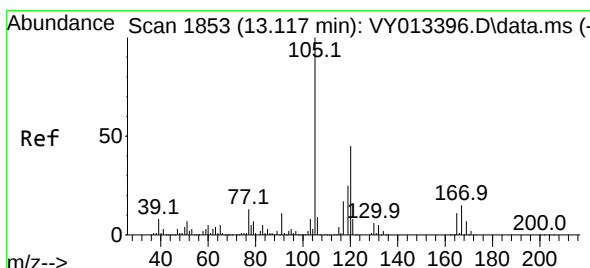
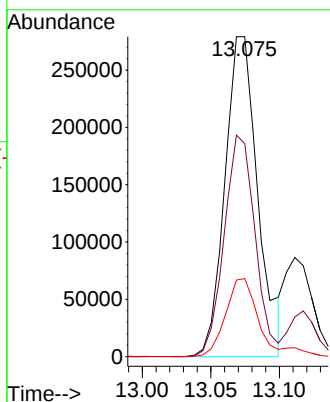
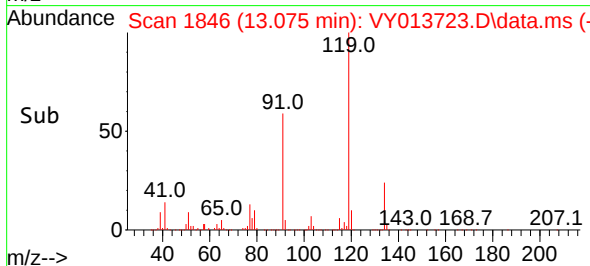
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



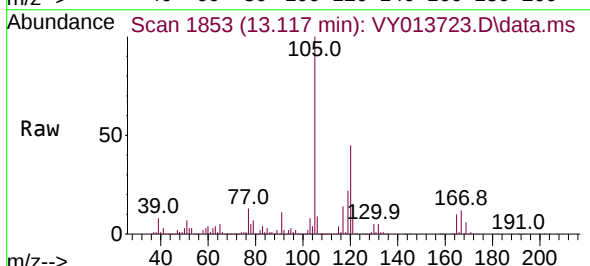
Tgt Ion:119 Resp: 467164
Ion Ratio Lower Upper
119 100
91 64.9 32.2 96.6
134 25.2 13.0 38.9

Manual Integrations
APPROVED

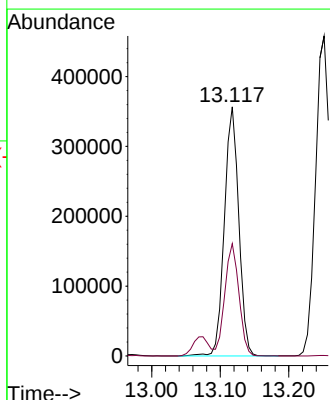
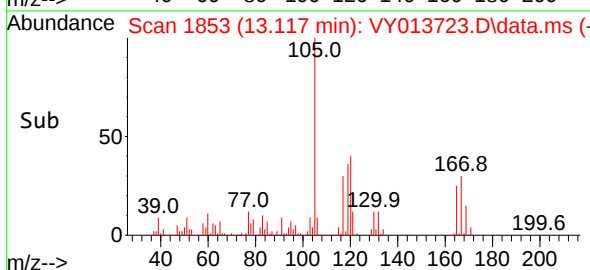
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023

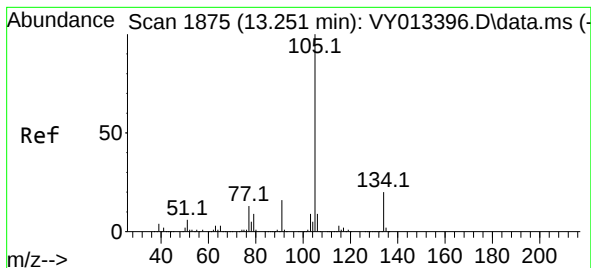


#84
1,2,4-Trimethylbenzene
Concen: 29.924 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07



Tgt Ion:105 Resp: 519095
Ion Ratio Lower Upper
105 100
120 43.8 22.3 66.9





#85

sec-Butylbenzene

Concen: 29.518 ug/l

RT: 13.252 min Scan# 1875

Delta R.T. 0.001 min

Lab File: VY013723.D

Acq: 11 May 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 68481

Ion Ratio Lower Upper

105 100

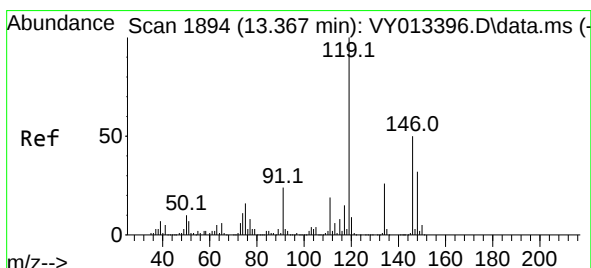
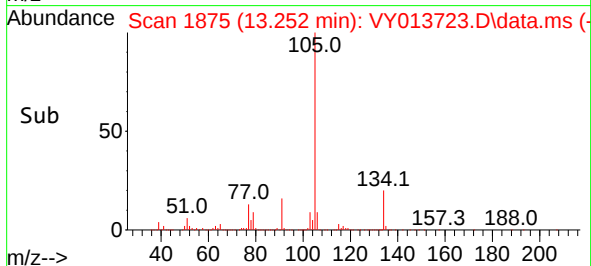
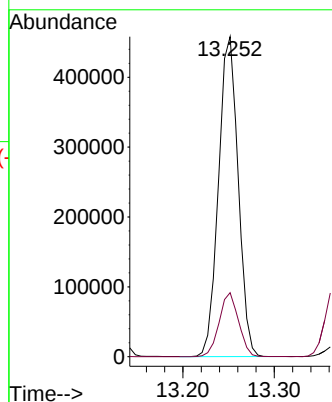
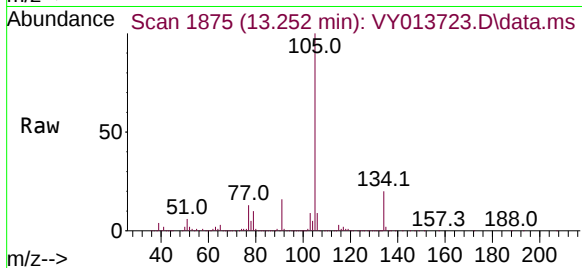
134 19.7 10.3 30.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2023

Supervised By :Mahesh Dadoda 05/17/2023



#86

p-Isopropyltoluene

Concen: 30.138 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013723.D

Acq: 11 May 2023 18:07

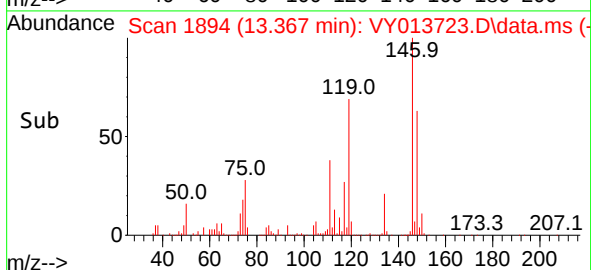
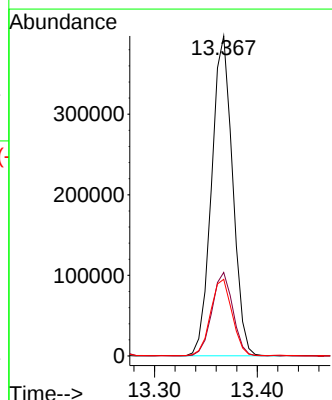
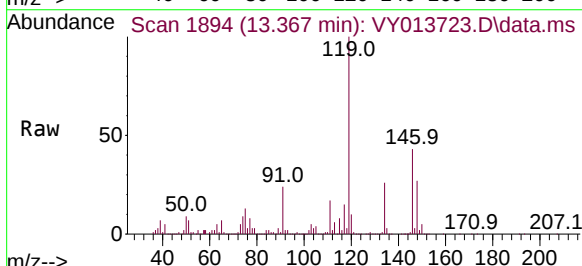
Tgt Ion:119 Resp: 562258

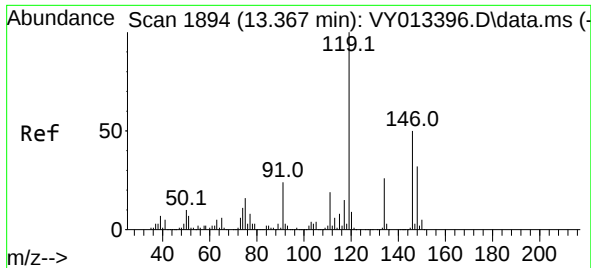
Ion Ratio Lower Upper

119 100

134 26.0 13.4 40.2

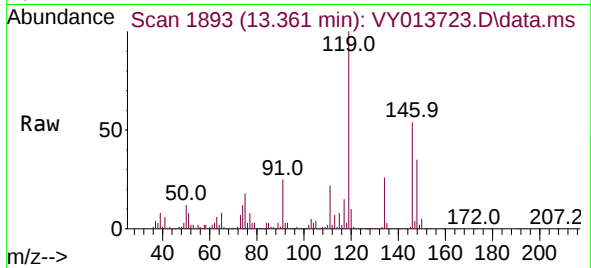
91 24.5 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 28.992 ug/l
RT: 13.361 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

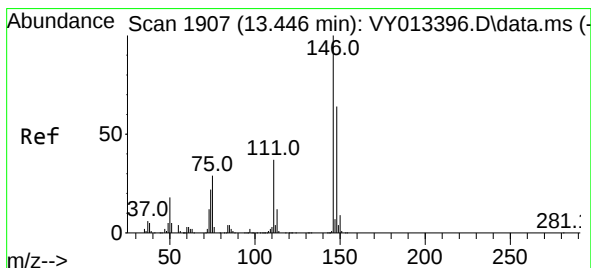
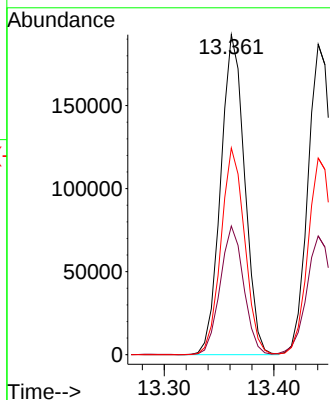
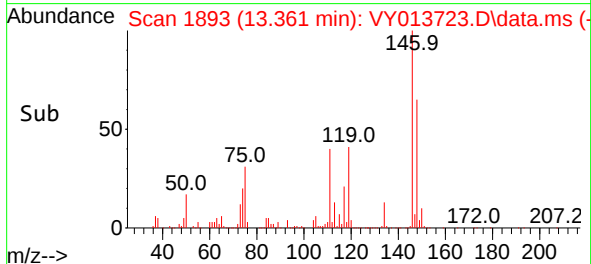
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



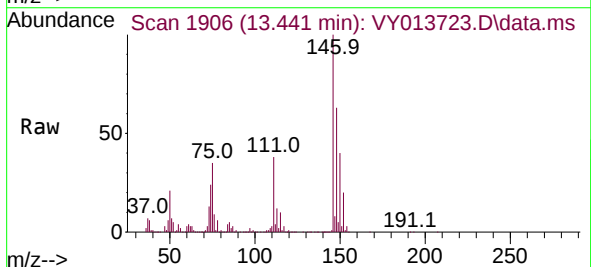
Tgt Ion:146 Resp: 292568
Ion Ratio Lower Upper
146 100
111 39.5 19.3 57.9
148 63.9 31.9 95.7

Manual Integrations
APPROVED

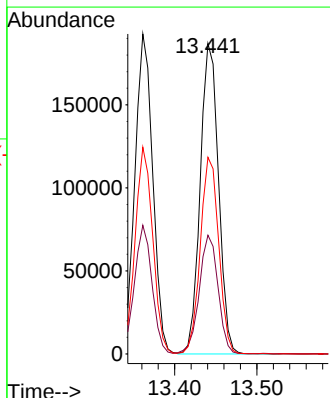
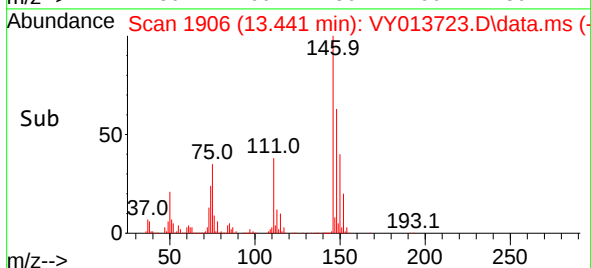
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023

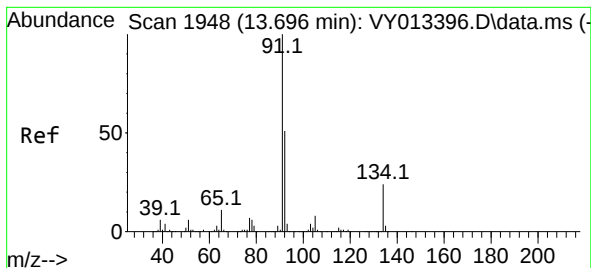


#88
1,4-Dichlorobenzene
Concen: 28.387 ug/l
RT: 13.441 min Scan# 1906
Delta R.T. -0.005 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07



Tgt Ion:146 Resp: 289372
Ion Ratio Lower Upper
146 100
111 39.1 18.9 56.5
148 63.7 31.9 95.5





#89

n-Butylbenzene

Concen: 29.832 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY013723.D

Acq: 11 May 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

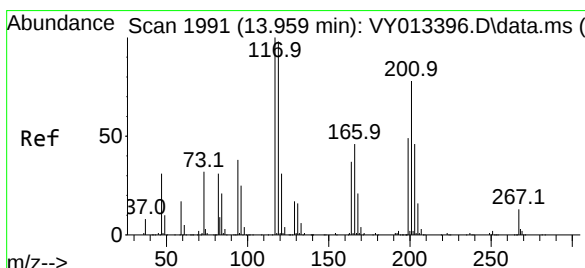
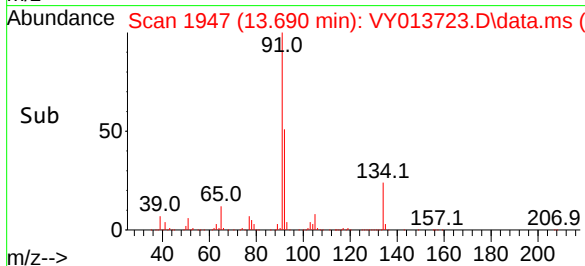
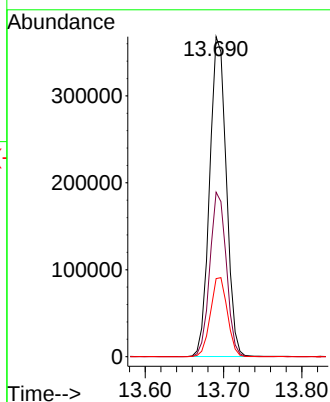
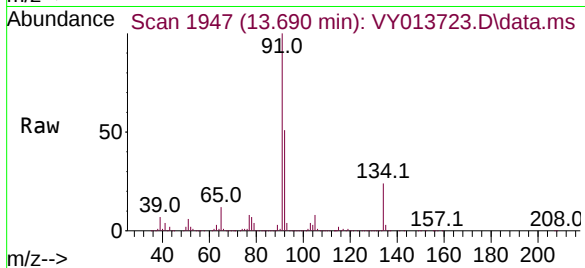
Tgt Ion:	91	Resp:	54321
Ion Ratio	Lower	Upper	
91	100		
92	50.8	25.8	77.3
134	25.1	13.5	40.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2023

Supervised By :Mahesh Dadoda 05/17/2023



#90

Hexachloroethane

Concen: 29.074 ug/l

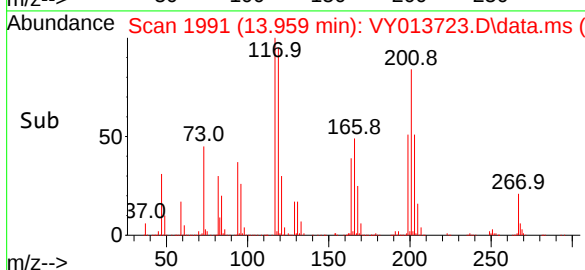
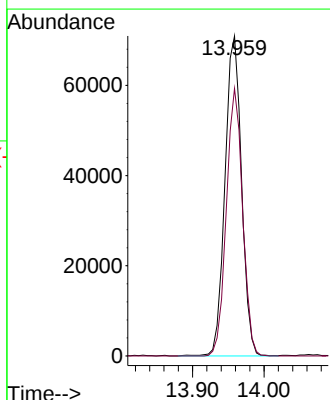
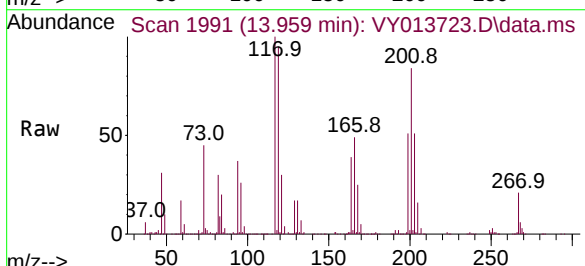
RT: 13.959 min Scan# 1991

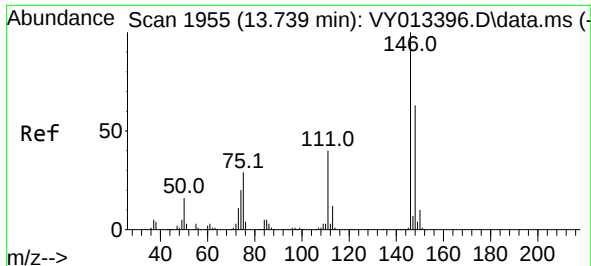
Delta R.T. 0.001 min

Lab File: VY013723.D

Acq: 11 May 2023 18:07

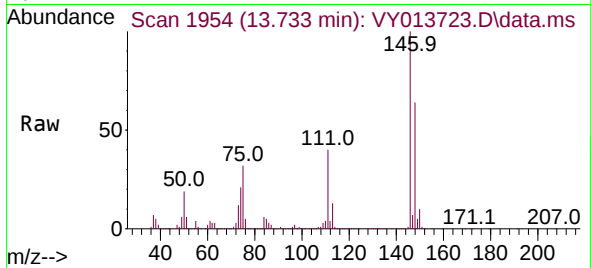
Tgt Ion:	117	Resp:	114158
Ion Ratio	Lower	Upper	
117	100		
201	82.0	41.6	124.8





#91
1,2-Dichlorobenzene
Concen: 29.020 ug/l
RT: 13.733 min Scan# 1955
Delta R.T. -0.006 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

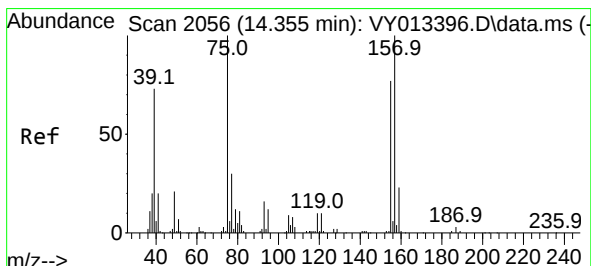
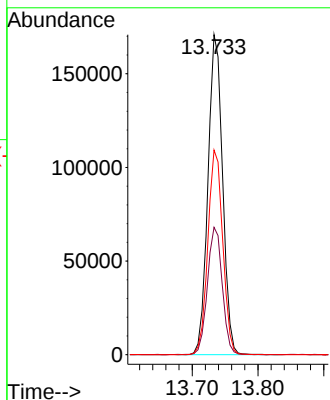
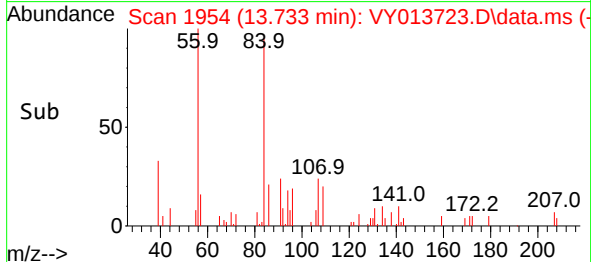
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 264450
Ion Ratio Lower Upper
146 100
111 40.4 19.8 59.4
148 65.0 31.8 95.4

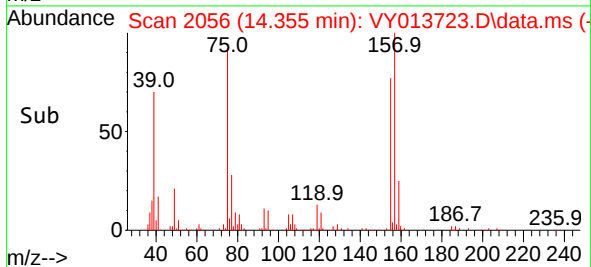
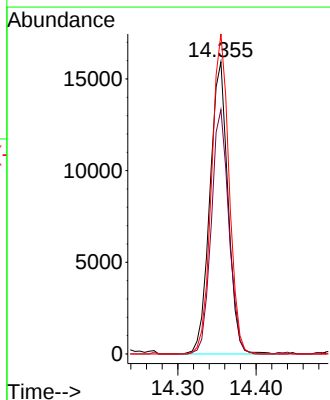
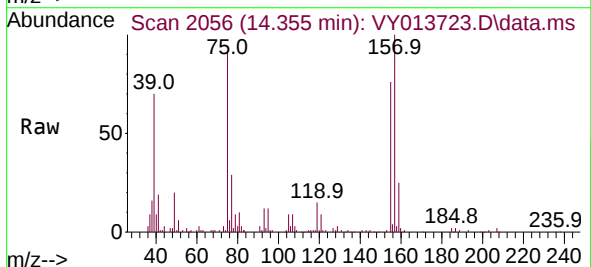
Manual Integrations
APPROVED

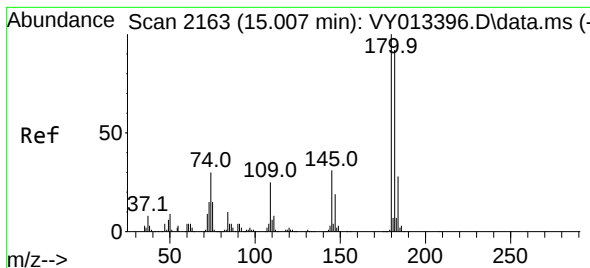
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/17/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 27.094 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY013723.D
Acq: 11 May 2023 18:07

Tgt Ion: 75 Resp: 25568
Ion Ratio Lower Upper
75 100
155 80.7 44.6 134.0
157 106.0 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 30.073 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY013723.D

Acq: 11 May 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 16338

Ion Ratio Lower Upper

180 100

182 94.9 48.5 145.5

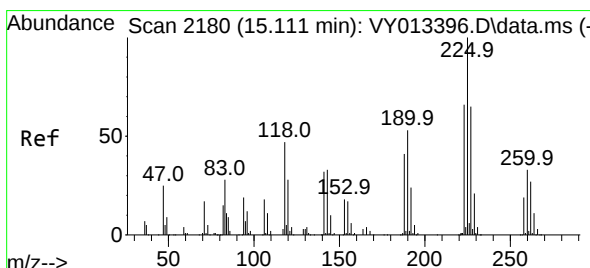
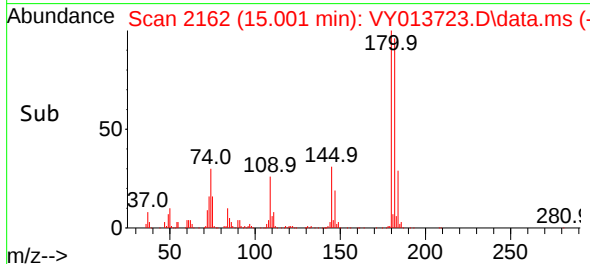
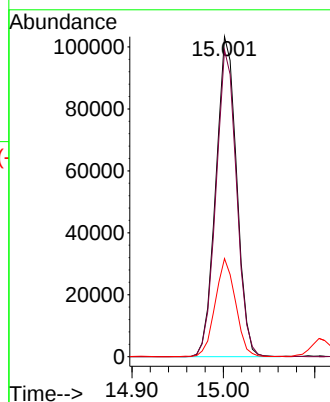
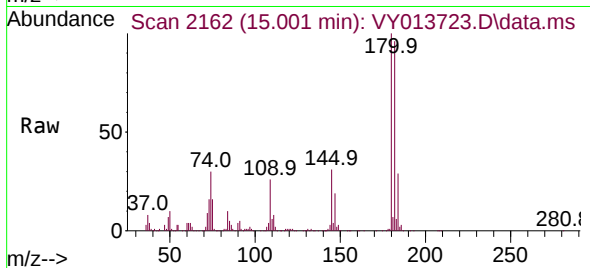
145 30.0 15.0 45.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2023

Supervised By :Mahesh Dadoda 05/17/2023



#94

Hexachlorobutadiene

Concen: 31.291 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013723.D

Acq: 11 May 2023 18:07

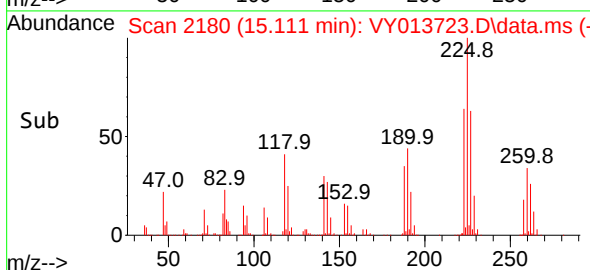
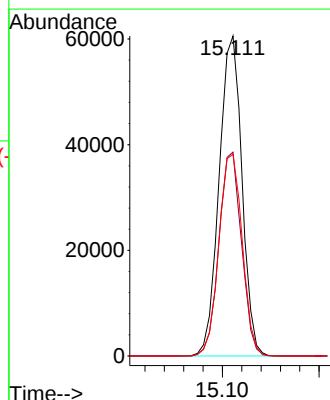
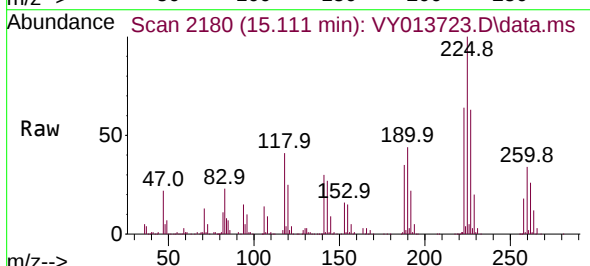
Tgt Ion:225 Resp: 98940

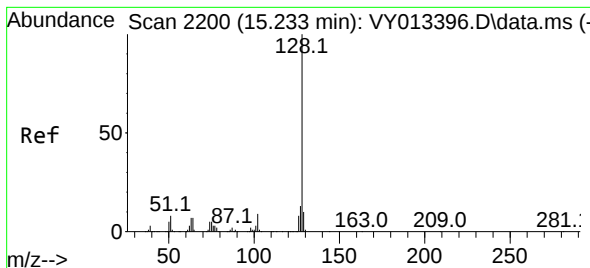
Ion Ratio Lower Upper

225 100

223 63.0 31.4 94.2

227 64.5 32.0 96.0





#95

Naphthalene

Concen: 29.706 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY013723.D

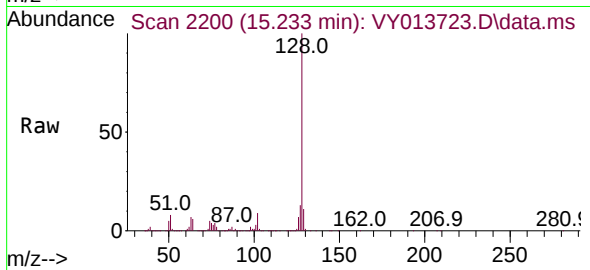
Acq: 11 May 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



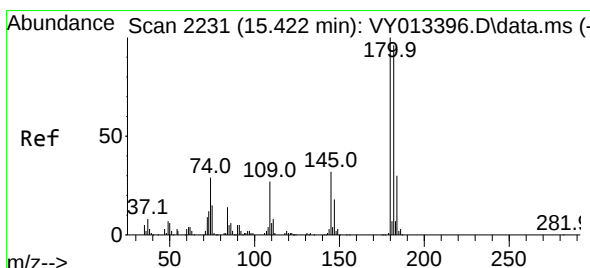
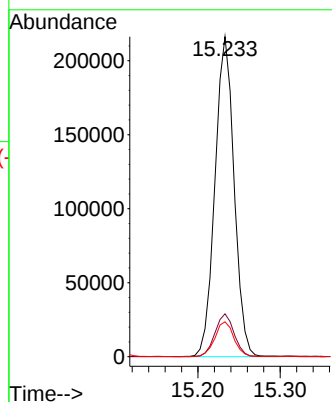
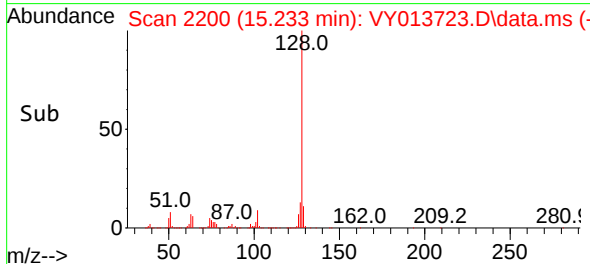
Tgt Ion:	128	Resp:	35018
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.7	16.1
129	11.0	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2023

Supervised By :Mahesh Dadoda 05/17/2023



#96

1,2,3-Trichlorobenzene

Concen: 30.394 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013723.D

Acq: 11 May 2023 18:07

Tgt Ion:	180	Resp:	147184
Ion Ratio	Lower	Upper	
180	100		
182	94.5	47.1	141.3
145	31.3	15.9	47.7

