

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061623\
 Data File : VY014202.D
 Acq On : 16 Jun 2023 14:19
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/19/2023
 Supervised By : Mahesh Dadoda 06/19/2023

Quant Time: Jun 16 23:19:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	204105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	311705	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	287469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	155995	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	129879	45.697	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.400%		
35) Dibromofluoromethane	7.710	113	115287	52.153	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	104.300%		
50) Toluene-d8	10.179	98	394912	47.785	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.580%		
62) 4-Bromofluorobenzene	12.483	95	159974	54.492	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	108.980%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	107084	47.076	ug/l	98
3) Chloromethane	2.113	50	136070	47.177	ug/l	100
4) Vinyl Chloride	2.247	62	138128	49.257	ug/l	97
5) Bromomethane	2.631	94	98035	42.371	ug/l	99
6) Chloroethane	2.784	64	87203	45.764	ug/l	95
7) Trichlorofluoromethane	3.113	101	229065	50.282	ug/l	100
8) Diethyl Ether	3.522	74	69783	45.874	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.893	101	117477	51.095	ug/l	99
10) Methyl Iodide	4.082	142	151830	50.010	ug/l	98
11) Tert butyl alcohol	4.942	59	97009	298.831	ug/l #	89
12) 1,1-Dichloroethene	3.863	96	114129	48.974	ug/l	97
13) Acrolein	3.723	56	44631	336.745	ug/l	99
14) Allyl chloride	4.473	41	207829	49.199	ug/l	98
15) Acrylonitrile	5.155	53	181085	230.792	ug/l	99
16) Acetone	3.942	43	221534	258.582	ug/l	99
17) Carbon Disulfide	4.186	76	357741	47.373	ug/l	99
18) Methyl Acetate	4.473	43	151081	45.433	ug/l	99
19) Methyl tert-butyl Ether	5.210	73	322988	46.992	ug/l	98
20) Methylene Chloride	4.704	84	159647	59.016	ug/l	95
21) trans-1,2-Dichloroethene	5.210	96	127353	48.996	ug/l	95
22) Diisopropyl ether	6.113	45	403542	49.894	ug/l	95
23) Vinyl Acetate	6.052	43	1161781	243.454	ug/l	99
24) 1,1-Dichloroethane	6.009	63	231334	49.608	ug/l	98
25) 2-Butanone	6.978	43	262677	249.079	ug/l	97
26) 2,2-Dichloropropane	6.972	77	219209	50.049	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	145351	49.989	ug/l	98
28) Bromochloromethane	7.326	49	89500	47.195	ug/l	95
29) Tetrahydrofuran	7.344	42	155795	232.972	ug/l	98
30) Chloroform	7.503	83	249426	50.417	ug/l	95
31) Cyclohexane	7.783	56	190689	50.084	ug/l	99
32) 1,1,1-Trichloroethane	7.698	97	223551	50.101	ug/l	98
36) 1,1-Dichloropropene	7.911	75	181092	52.547	ug/l	99
37) Ethyl Acetate	7.070	43	108189	45.498	ug/l	99
38) Carbon Tetrachloride	7.893	117	206069	51.816	ug/l	99
39) Methylcyclohexane	9.185	83	208129	54.432	ug/l	96
40) Benzene	8.155	78	521197	50.859	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	54741m	45.108	ug/l	
42) 1,2-Dichloroethane	8.234	62	178653	49.299	ug/l	100
43) Isopropyl Acetate	8.271	43	200390	48.082	ug/l	99
44) Trichloroethene	8.935	130	141576	51.708	ug/l	97
45) 1,2-Dichloropropane	9.210	63	130218	50.027	ug/l	97
46) Dibromomethane	9.301	93	76818	47.944	ug/l	98
47) Bromodichloromethane	9.496	83	190517	50.783	ug/l	97
48) Methyl methacrylate	9.289	41	95769	49.267	ug/l	98
49) 1,4-Dioxane	9.295	88	20553	1009.523	ug/l #	58
51) 4-Methyl-2-Pentanone	10.069	43	545611	240.969	ug/l	99
52) Toluene	10.240	92	326920	51.462	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	197970	50.127	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	215351	49.977	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	105775	49.772	ug/l	97
56) Ethyl methacrylate	10.508	69	141774	48.366	ug/l	99
57) 1,3-Dichloropropane	10.789	76	178061	48.989	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	385192	289.031	ug/l	99
59) 2-Hexanone	10.831	43	405993	248.259	ug/l	99
60) Dibromochloromethane	10.984	129	137097	50.403	ug/l	99
61) 1,2-Dibromoethane	11.087	107	100928	48.121	ug/l	99
64) Tetrachloroethene	10.721	164	126421	51.594	ug/l	96
65) Chlorobenzene	11.514	112	352763	51.070	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	140950	51.880	ug/l	98
67) Ethyl Benzene	11.593	91	642982	53.180	ug/l	100
68) m/p-Xylenes	11.703	106	495447	106.534	ug/l	98
69) o-Xylene	12.032	106	234518	53.338	ug/l	99
70) Styrene	12.044	104	405701	54.063	ug/l	99
71) Bromoform	12.209	173	94072	50.559	ug/l #	99
73) Isopropylbenzene	12.331	105	616797	51.830	ug/l	100
74) N-amyl acetate	12.142	43	182158	48.303	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	126343	47.514	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	95270m	46.550	ug/l	
77) Bromobenzene	12.605	156	154460	49.384	ug/l	97
78) n-propylbenzene	12.672	91	760782	52.341	ug/l	99
79) 2-Chlorotoluene	12.758	91	430223	51.441	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	534518	52.457	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	44858	47.378	ug/l	95
82) 4-Chlorotoluene	12.855	91	454558	51.288	ug/l	99
83) tert-Butylbenzene	13.075	119	454890	52.533	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	539114	53.449	ug/l	100
85) sec-Butylbenzene	13.252	105	685006	54.413	ug/l	100
86) p-Isopropyltoluene	13.367	119	574675	53.338	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	304725	51.027	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	306293	50.906	ug/l	99
89) n-Butylbenzene	13.697	91	538623	53.899	ug/l	99
90) Hexachloroethane	13.959	117	111271	51.828	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	275505	51.367	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	23206	45.828	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	173820	51.158	ug/l	99
94) Hexachlorobutadiene	15.111	225	105247	53.654	ug/l	97
95) Naphthalene	15.239	128	340888	49.429	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	154189	50.221	ug/l	99

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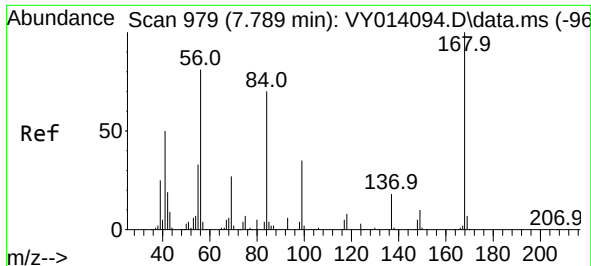
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 06/19/2023

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Quant Title : SW846 8260
QLast Update : Fri Jun 09 18:07:13 2023
Response via : Initial Calibration

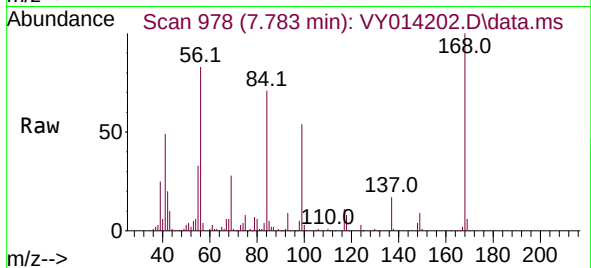
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



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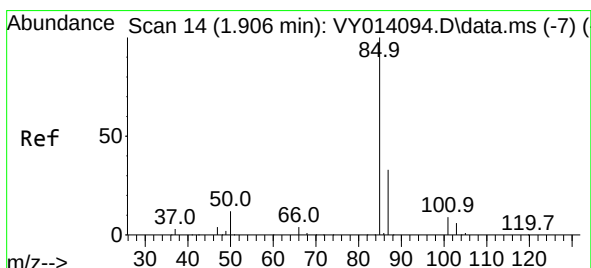
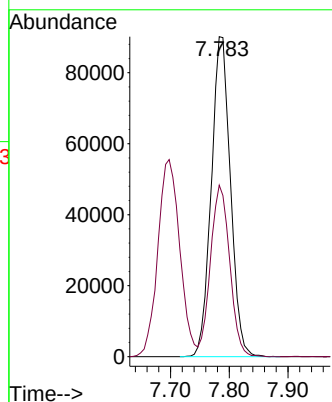
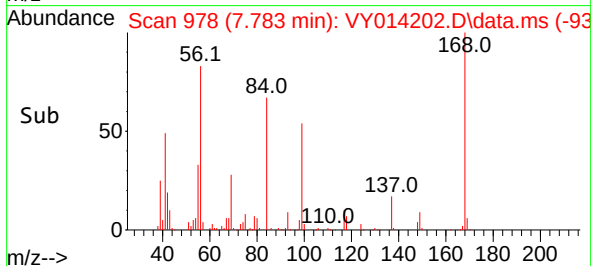
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 20410
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0

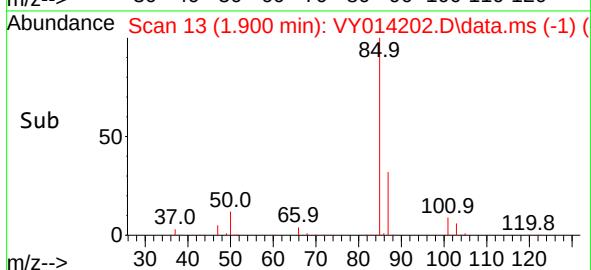
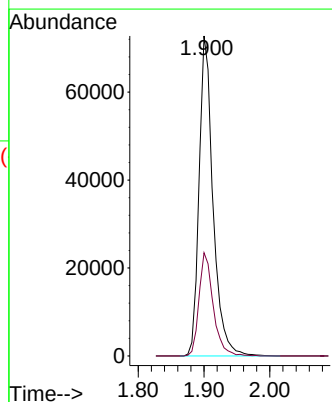
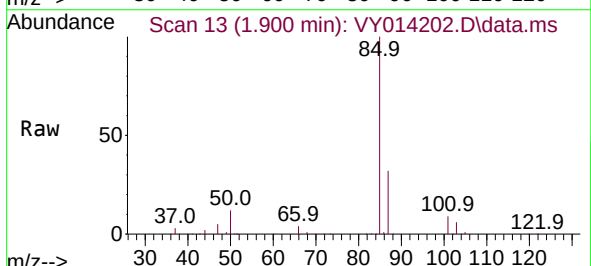
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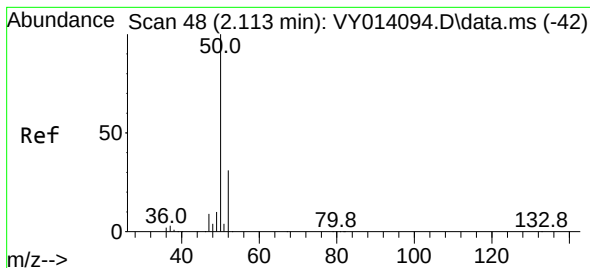
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#2
Dichlorodifluoromethane
Concen: 47.076 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19

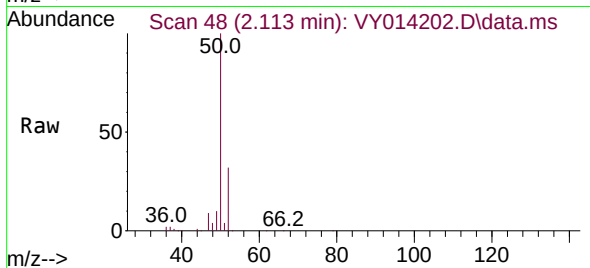
Tgt Ion: 85 Resp: 107084
Ion Ratio Lower Upper
85 100
87 32.3 15.6 46.8





#3
Chloromethane
Concen: 47.177 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19

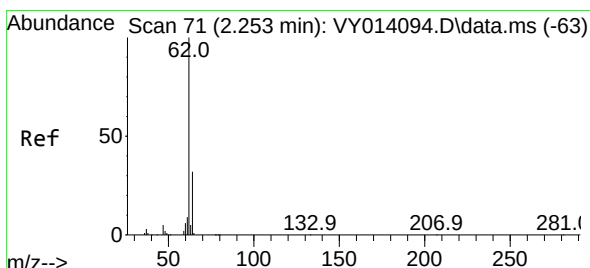
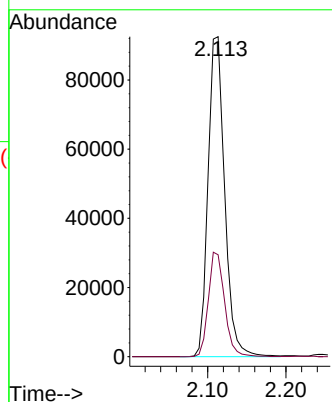
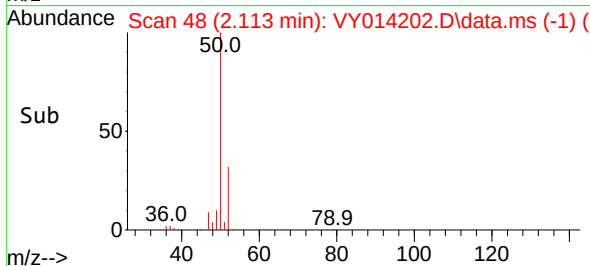
Instrument :
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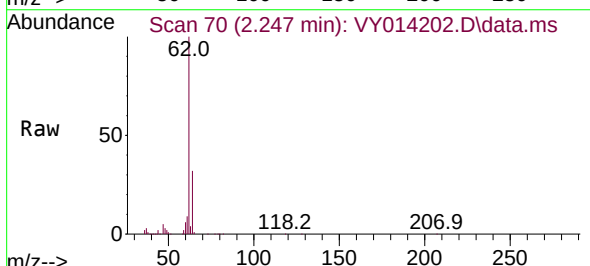
Tgt Ion: 50 Resp: 136070
Ion Ratio Lower Upper
50 100
52 31.8 25.4 38.2

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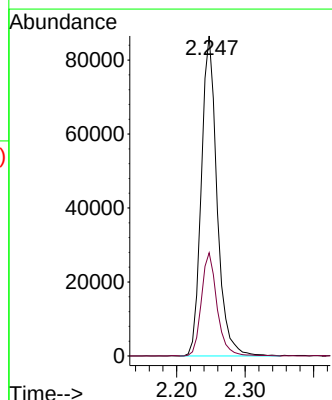
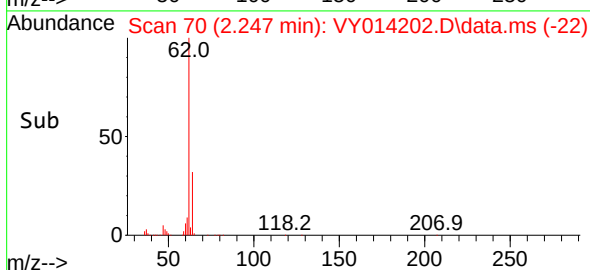
Reviewed By :John Carlone 06/19/2023
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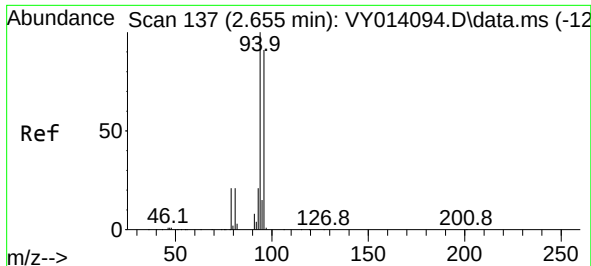


#4
Vinyl Chloride
Concen: 49.257 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19



Tgt Ion: 62 Resp: 138128
Ion Ratio Lower Upper
62 100
64 32.3 24.3 36.5





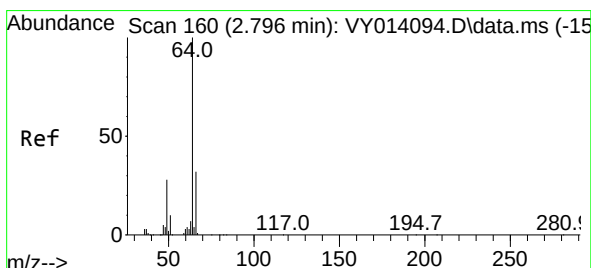
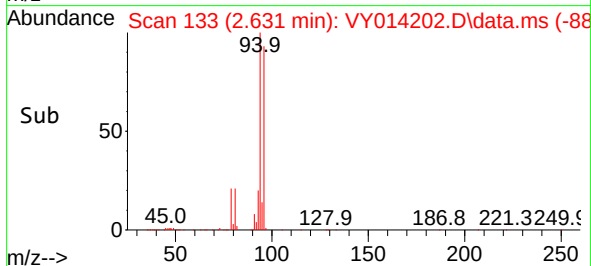
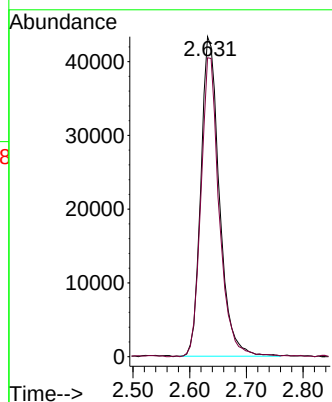
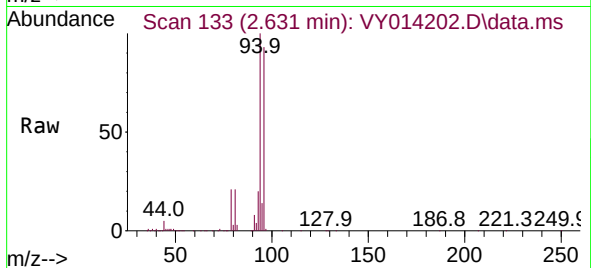
#5
Bromomethane
Concen: 42.371 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.024 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 9803
Ion Ratio Lower Upper
94 100
96 93.5 75.8 113.6

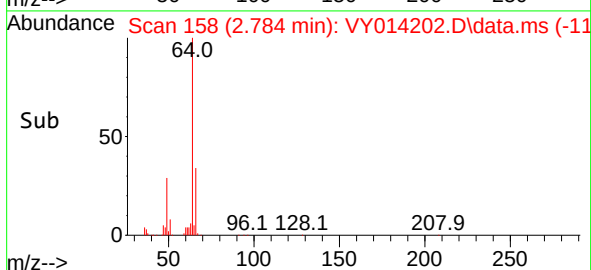
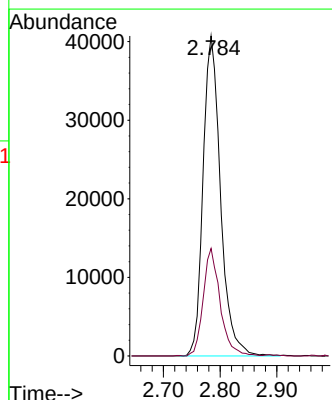
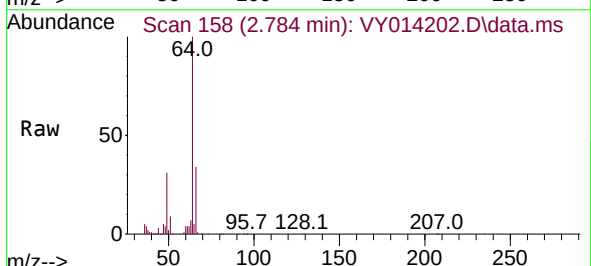
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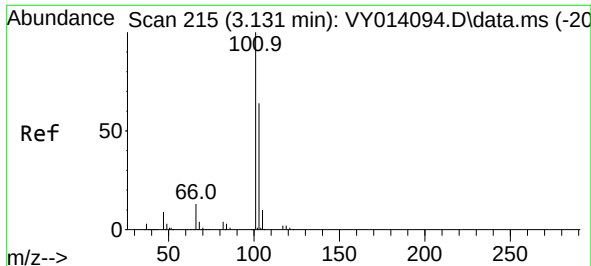
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#6
Chloroethane
Concen: 45.764 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.012 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19

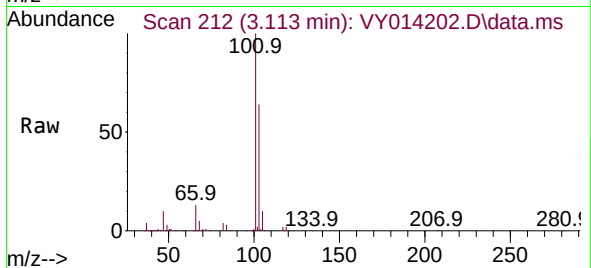
Tgt Ion: 64 Resp: 87203
Ion Ratio Lower Upper
64 100
66 33.5 24.4 36.6





#7
Trichlorofluoromethane
Concen: 50.282 ug/l
RT: 3.113 min Scan# 215
Delta R.T. -0.018 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19

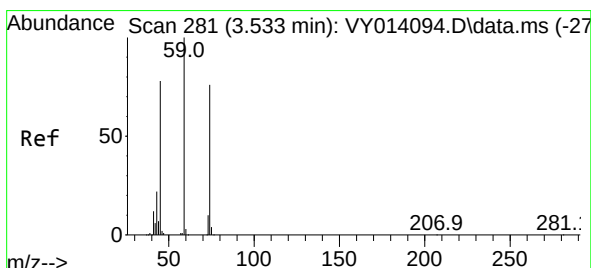
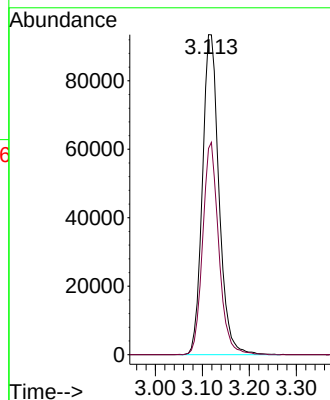
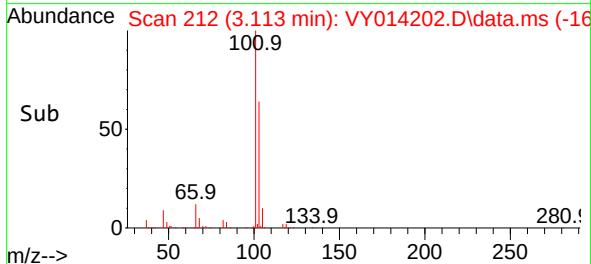
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



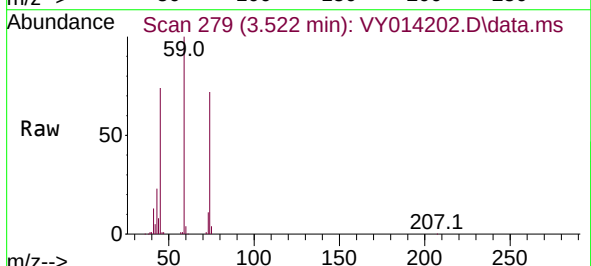
Tgt Ion:101 Resp: 22906
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.0

Manual Integrations
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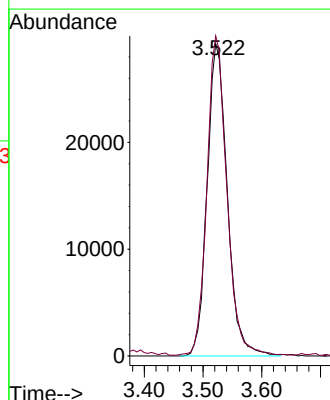
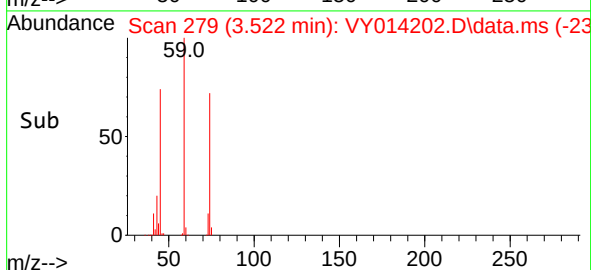
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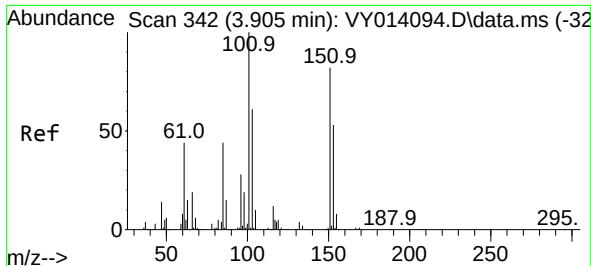


#8
Diethyl Ether
Concen: 45.874 ug/l
RT: 3.522 min Scan# 279
Delta R.T. -0.011 min
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Tgt Ion: 74 Resp: 69783
Ion Ratio Lower Upper
74 100
45 101.0 51.5 154.5





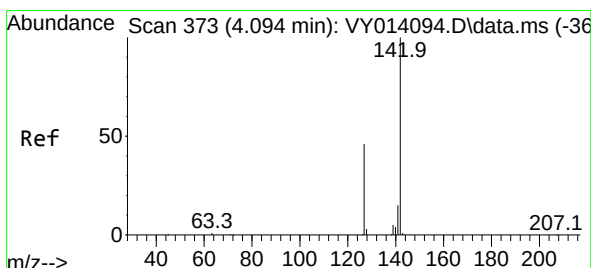
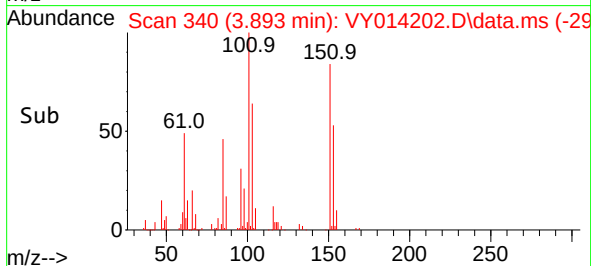
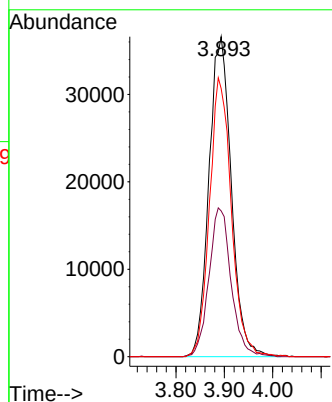
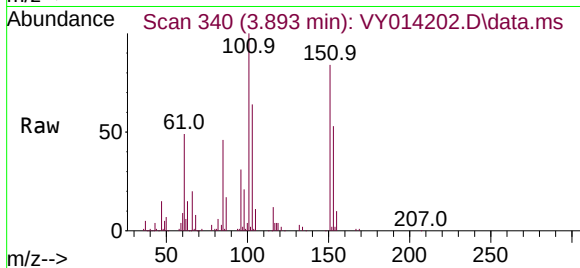
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.095 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.012 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 11747
Ion Ratio Lower Upper
101 100
85 46.1 36.6 55.0
151 85.2 67.0 100.6

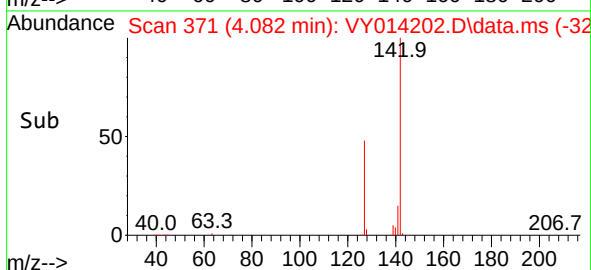
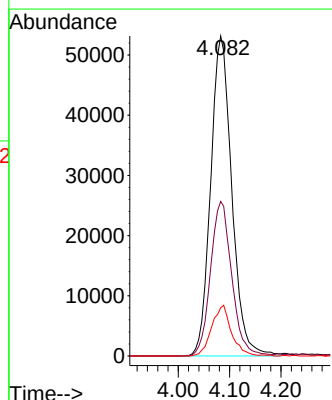
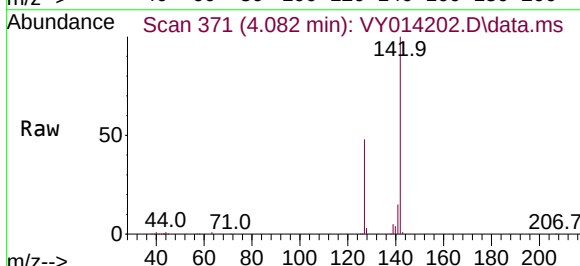
Manual Integrations
APPROVED

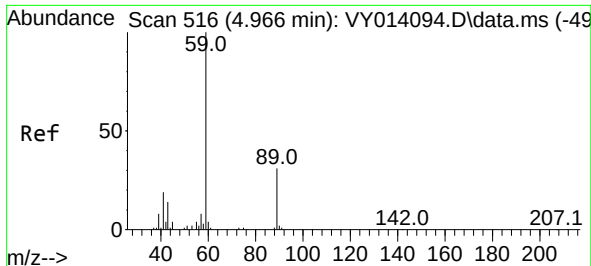
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#10
Methyl Iodide
Concen: 50.010 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.012 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19

Tgt Ion:142 Resp: 151830
Ion Ratio Lower Upper
142 100
127 48.5 37.6 56.4
141 14.8 11.8 17.8





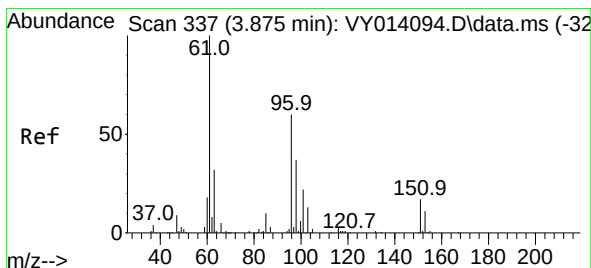
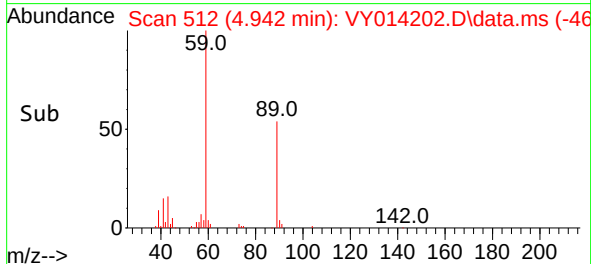
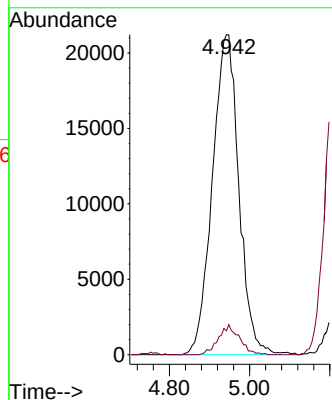
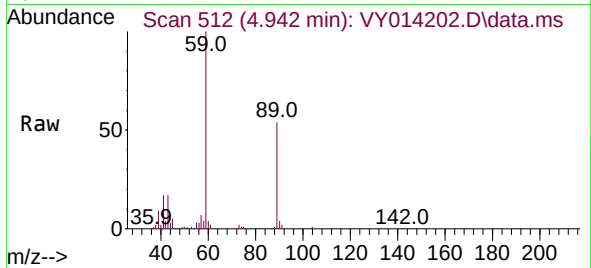
#11
Tert butyl alcohol
Concen: 298.831 ug/l
RT: 4.942 min Scan# 516
Delta R.T. -0.024 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 97009
Ion Ratio Lower Upper
59 100
57 7.4 3.0 4.4

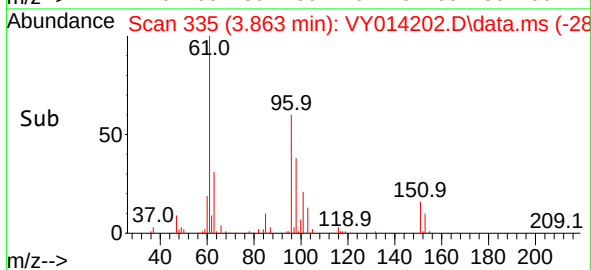
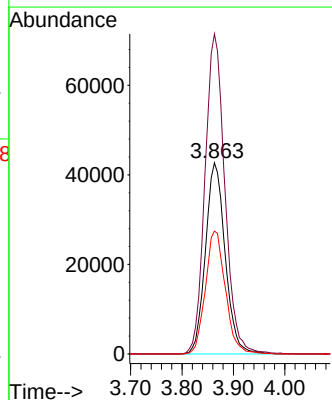
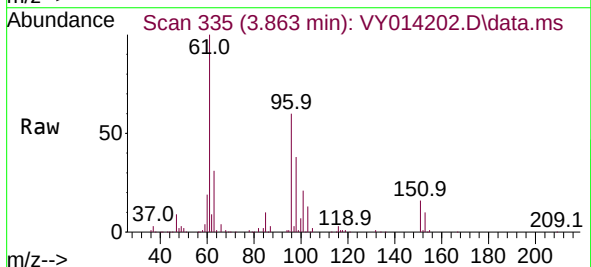
Manual Integrations
APPROVED

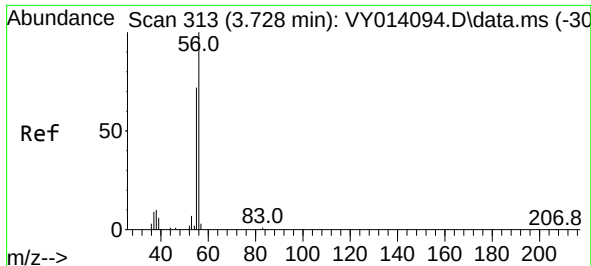
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#12
1,1-Dichloroethene
Concen: 48.974 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.012 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19

Tgt Ion: 96 Resp: 114129
Ion Ratio Lower Upper
96 100
61 167.3 136.4 204.6
98 64.2 49.4 74.2





#13

Acrolein

Concen: 336.745 ug/l

RT: 3.723 min Scan# 31

Delta R.T. -0.005 min

Lab File: VY014202.D

Acq: 16 Jun 2023 14:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 4463

Ion Ratio Lower Upper

56 100

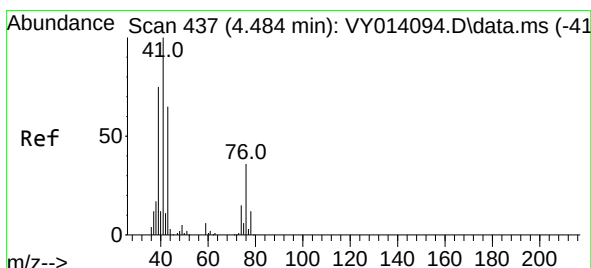
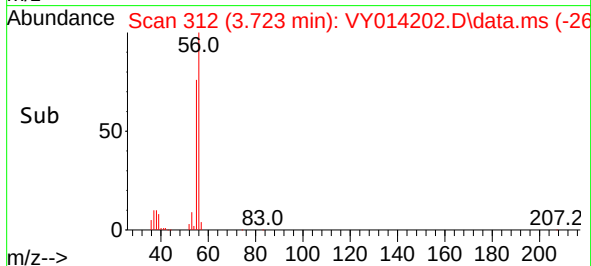
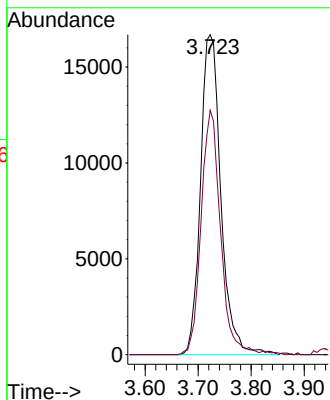
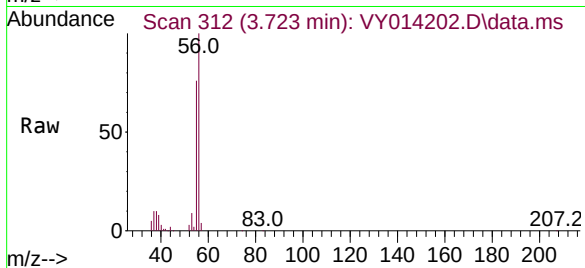
55 72.4 57.0 85.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#14

Allyl chloride

Concen: 49.199 ug/l

RT: 4.473 min Scan# 435

Delta R.T. -0.011 min

Lab File: VY014202.D

Acq: 16 Jun 2023 14:19

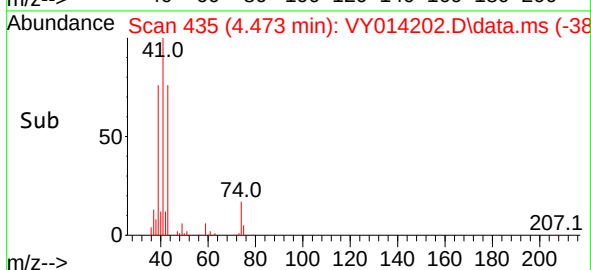
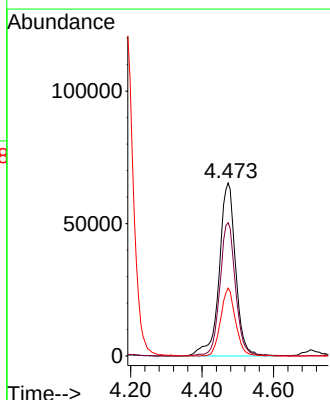
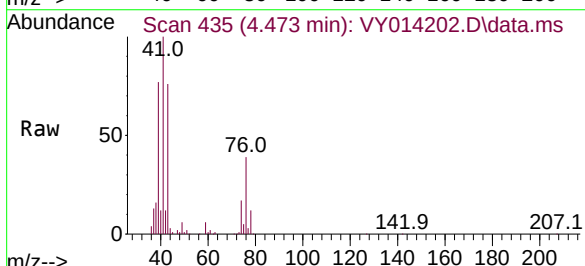
Tgt Ion: 41 Resp: 207829

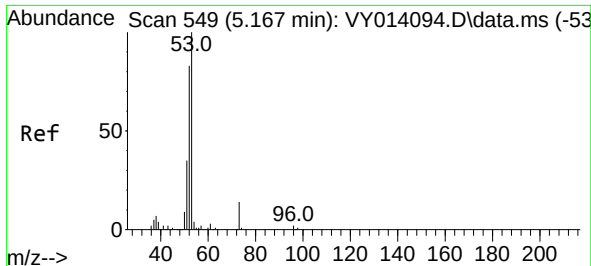
Ion Ratio Lower Upper

41 100

39 73.6 58.0 87.0

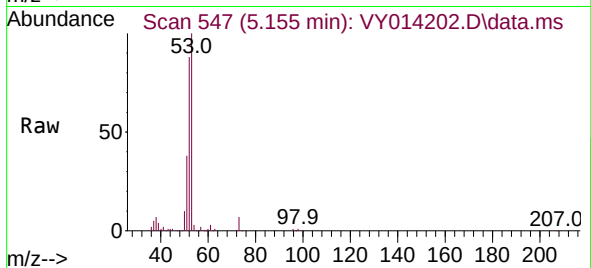
76 35.5 27.4 41.2





#15
Acrylonitrile
Concen: 230.792 ug/l
RT: 5.155 min Scan# 549
Delta R.T. -0.012 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19

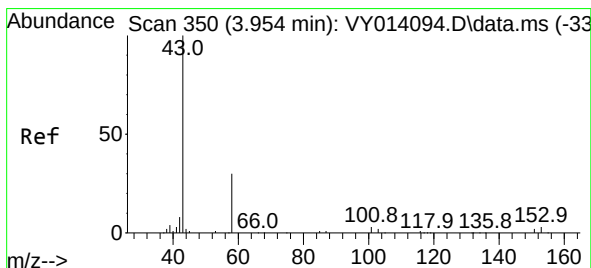
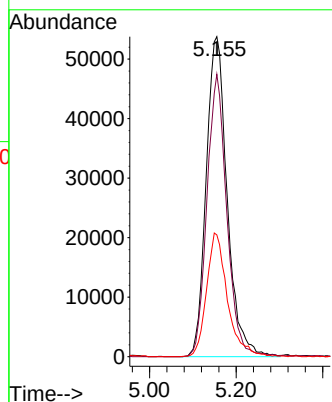
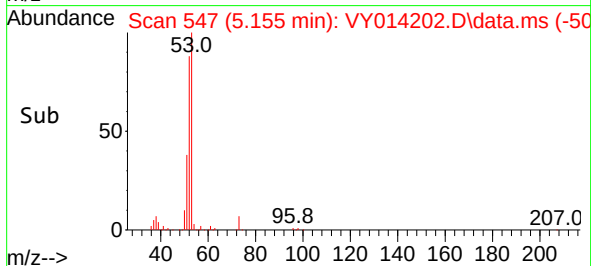
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 181085
Ion Ratio Lower Upper
53 100
52 83.5 66.9 100.3
51 38.5 29.8 44.6

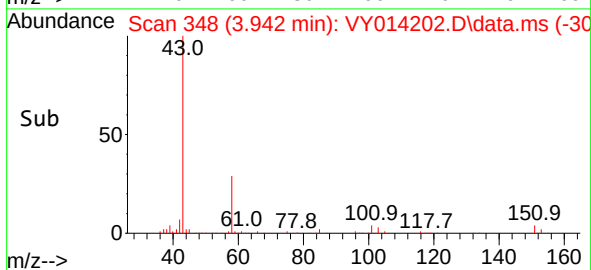
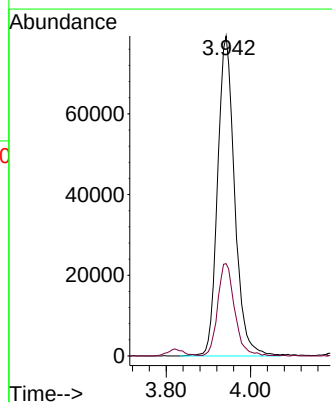
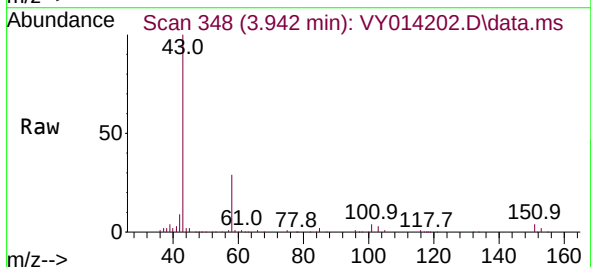
Manual Integrations
APPROVED

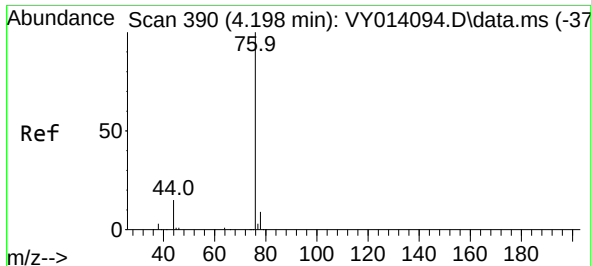
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#16
Acetone
Concen: 258.582 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19

Tgt Ion: 43 Resp: 221534
Ion Ratio Lower Upper
43 100
58 28.7 22.7 34.1





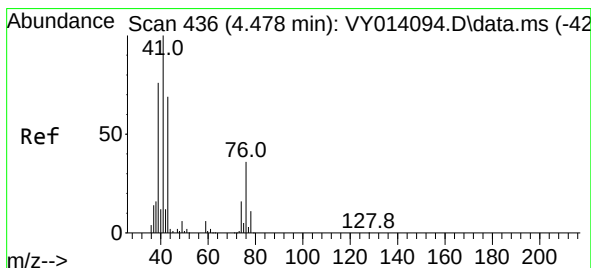
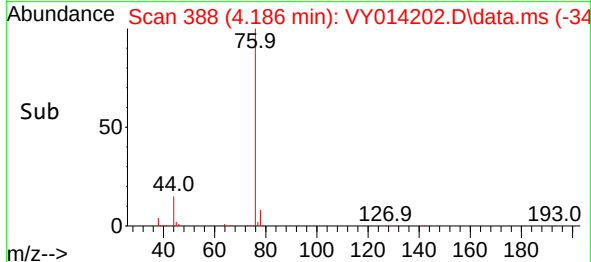
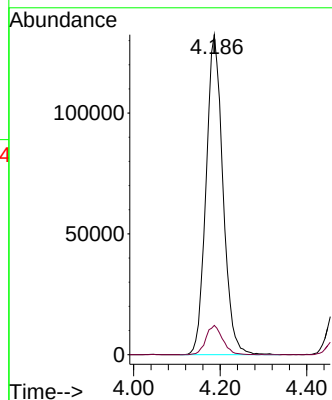
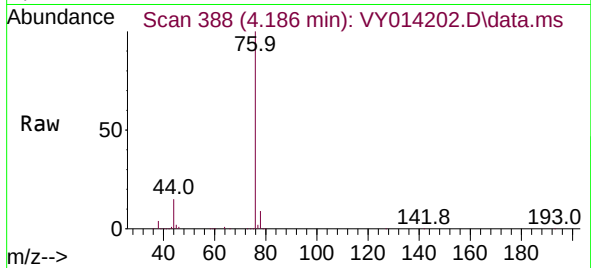
#17
Carbon Disulfide
Concen: 47.373 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.012 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 35774
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4

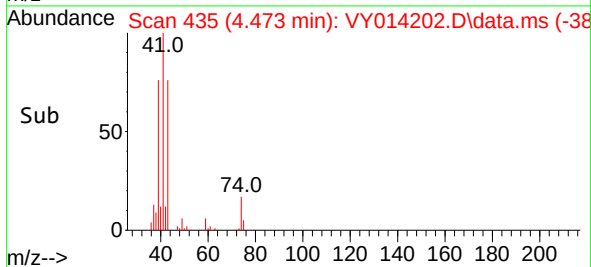
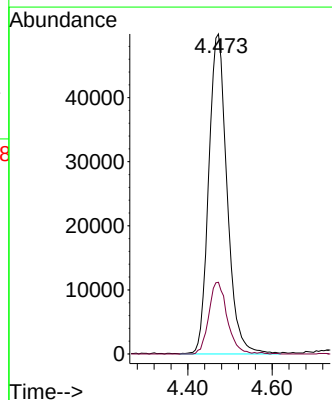
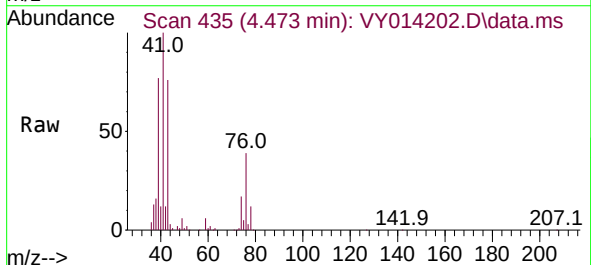
Manual Integrations
APPROVED

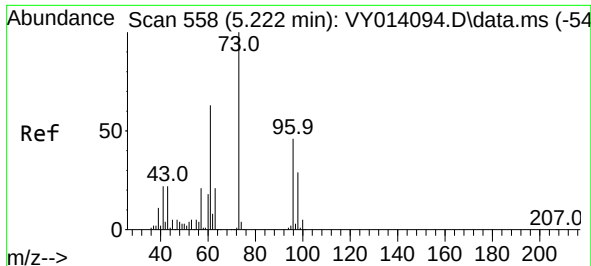
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#18
Methyl Acetate
Concen: 45.433 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.005 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19

Tgt Ion: 43 Resp: 151081
Ion Ratio Lower Upper
43 100
74 22.4 17.4 26.0





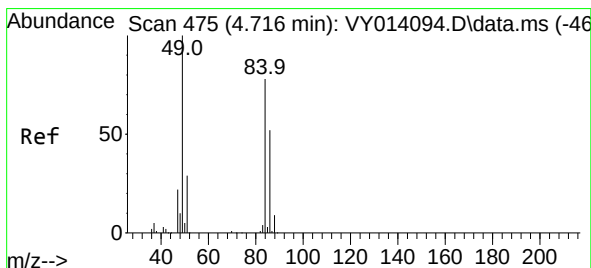
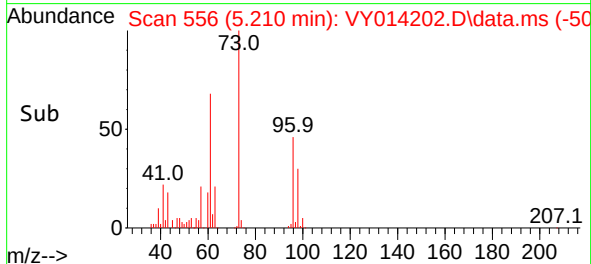
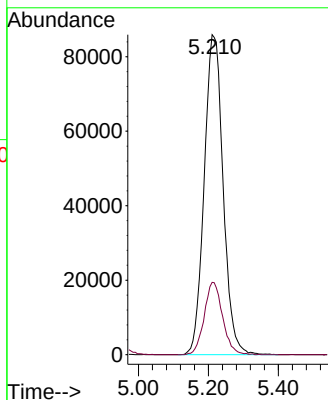
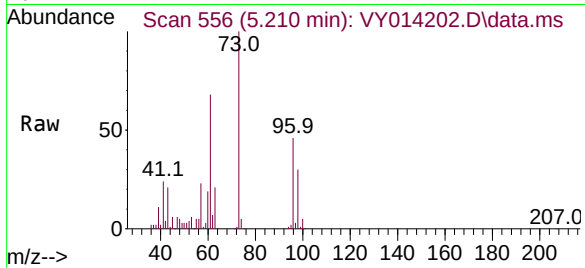
#19
Methyl tert-butyl Ether
Concen: 46.992 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 32298
Ion Ratio Lower Upper
73 100
57 22.6 17.3 25.9

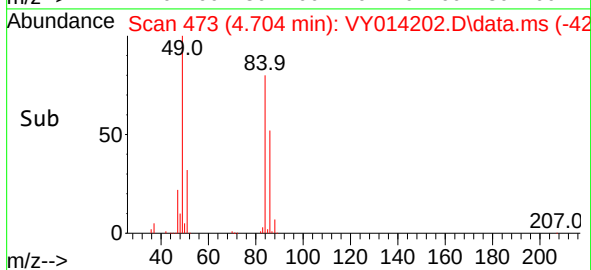
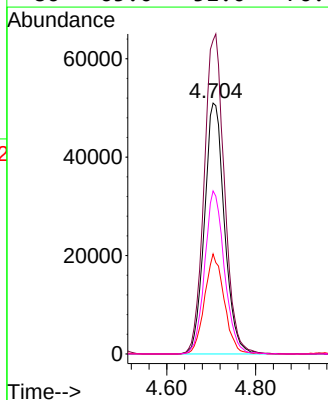
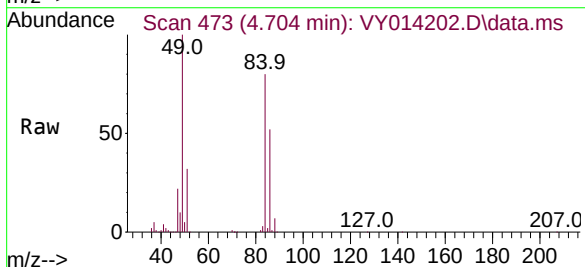
Manual Integrations
APPROVED

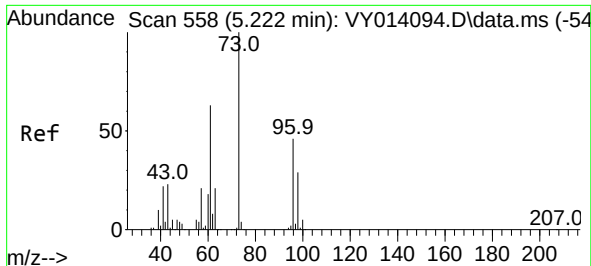
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#20
Methylene Chloride
Concen: 59.016 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19

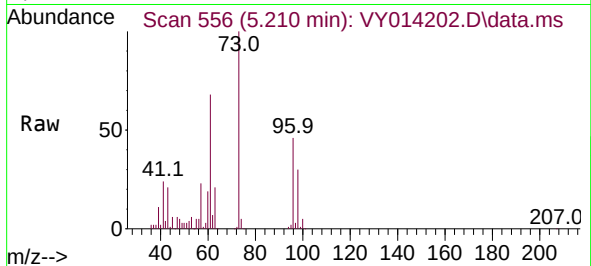
Tgt Ion: 84 Resp: 159647
Ion Ratio Lower Upper
84 100
49 125.0 106.9 160.3
51 39.8 33.2 49.8
86 65.0 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 48.996 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19

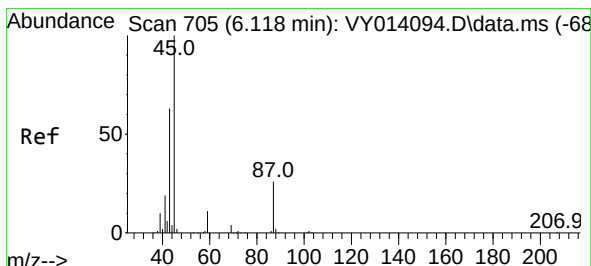
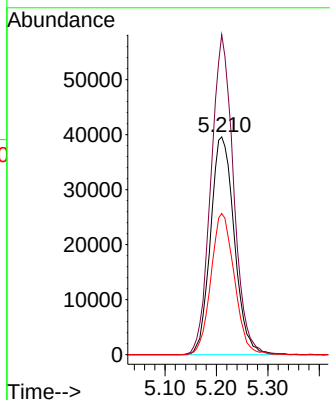
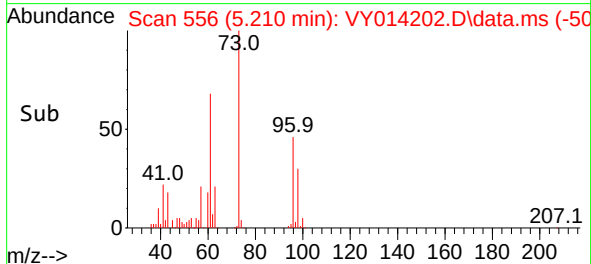
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



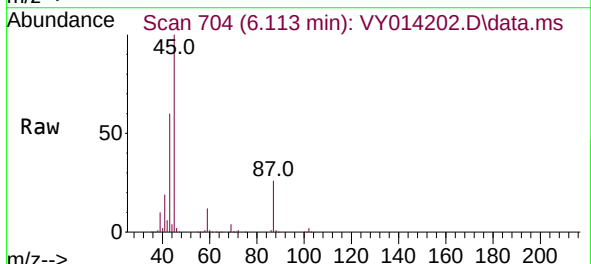
Tgt Ion: 96 Resp: 12735
Ion Ratio Lower Upper
96 100
61 146.9 110.2 165.4
98 64.8 51.8 77.6

Manual Integrations
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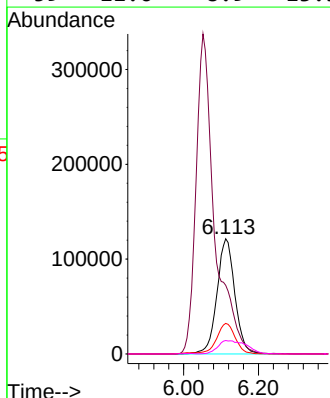
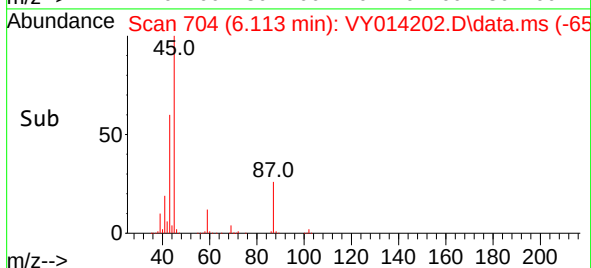
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

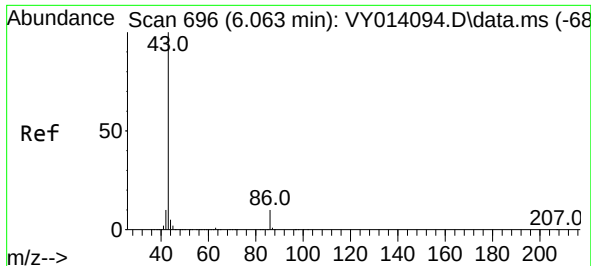


#22
Diisopropyl ether
Concen: 49.894 ug/l
RT: 6.113 min Scan# 704
Delta R.T. -0.005 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19



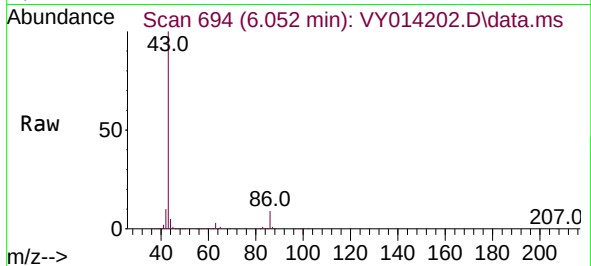
Tgt Ion: 45 Resp: 403542
Ion Ratio Lower Upper
45 100
43 59.4 52.2 78.4
87 26.4 21.0 31.6
59 11.6 8.9 13.3





#23
 Vinyl Acetate
 Concen: 243.454 ug/l
 RT: 6.052 min Scan# 694
 Delta R.T. -0.011 min
 Lab File: VY014202.D
 Acq: 16 Jun 2023 14:19

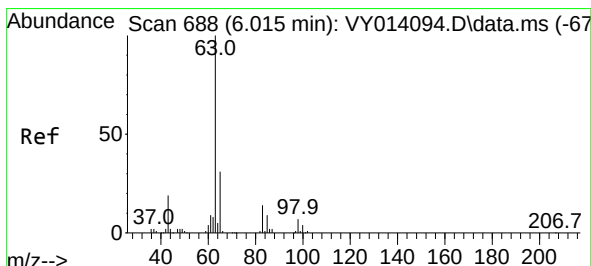
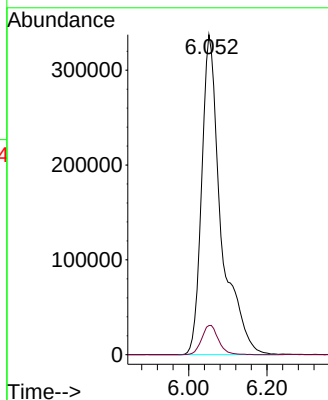
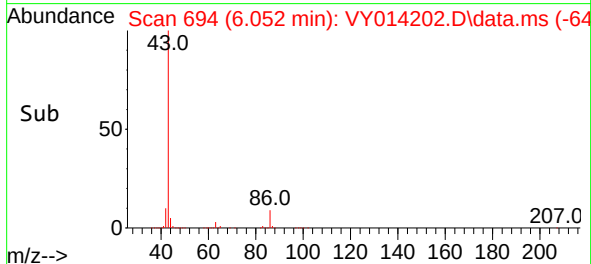
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



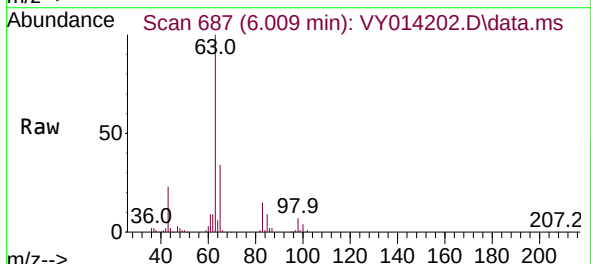
Tgt Ion: 43 Resp: 116178
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.5 11.3

Manual Integrations
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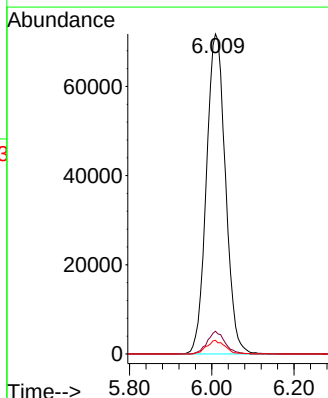
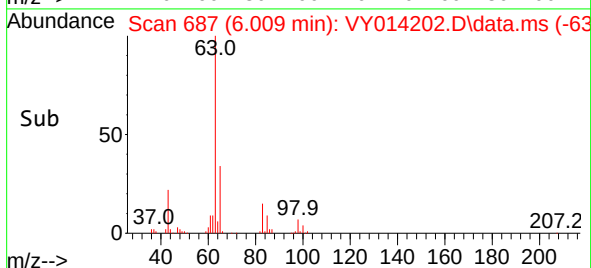
Reviewed By :John Carlone 06/19/2023
 Supervised By :Mahesh Dadoda 06/19/2023

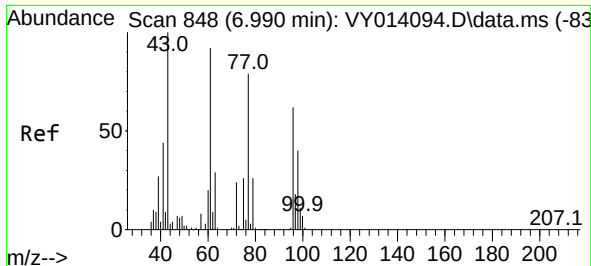


#24
 1,1-Dichloroethane
 Concen: 49.608 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY014202.D
 Acq: 16 Jun 2023 14:19



Tgt Ion: 63 Resp: 231334
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.1 9.4
 100 4.3 1.8 5.5





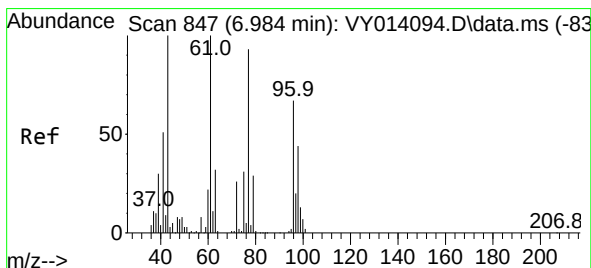
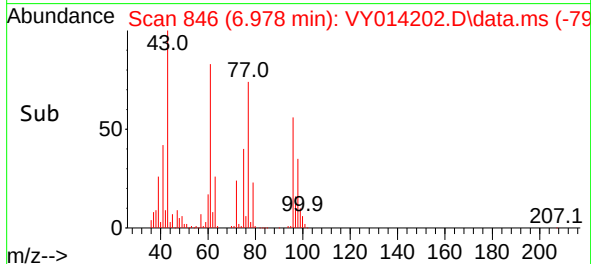
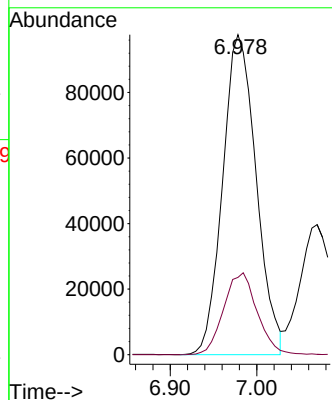
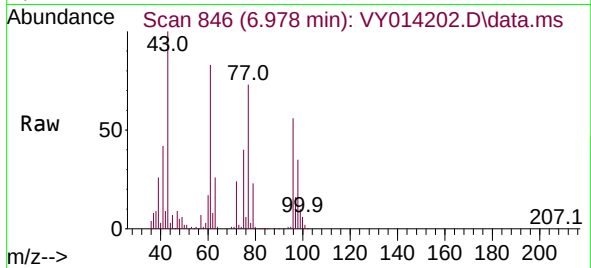
#25
2-Butanone
Concen: 249.079 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.012 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 26267
Ion Ratio Lower Upper
43 100
72 24.2 20.5 30.7

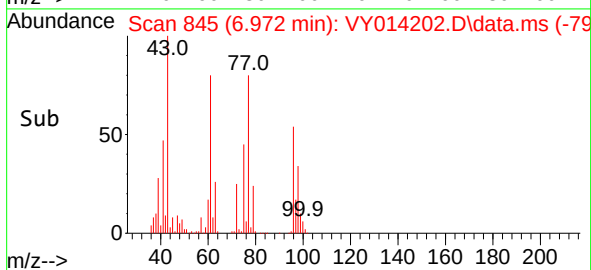
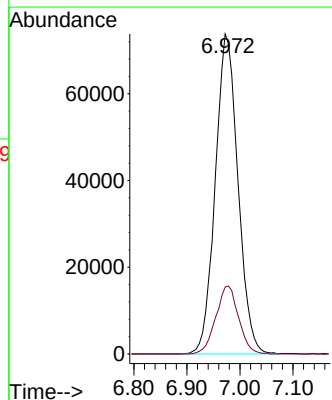
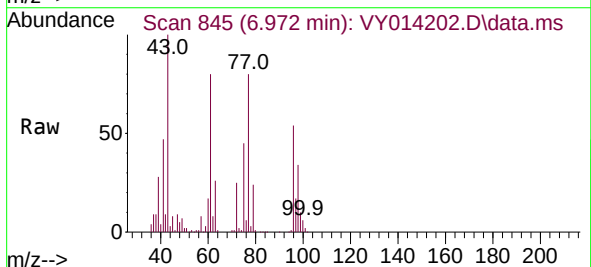
Manual Integrations
APPROVED

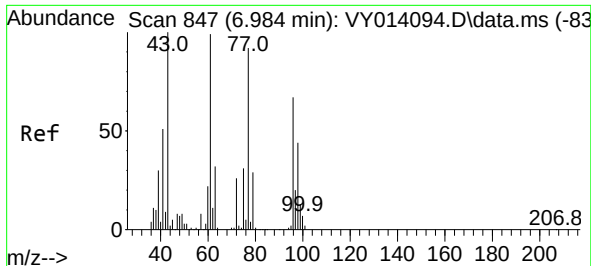
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#26
2,2-Dichloropropane
Concen: 50.049 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19

Tgt Ion: 77 Resp: 219209
Ion Ratio Lower Upper
77 100
97 21.3 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 49.989 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY014202.D

Acq: 16 Jun 2023 14:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 14535

Ion Ratio Lower Upper

96 100

61 148.8 0.0 301.4

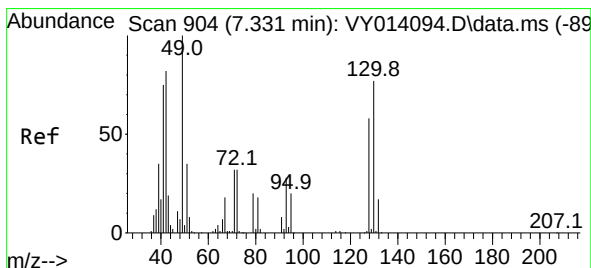
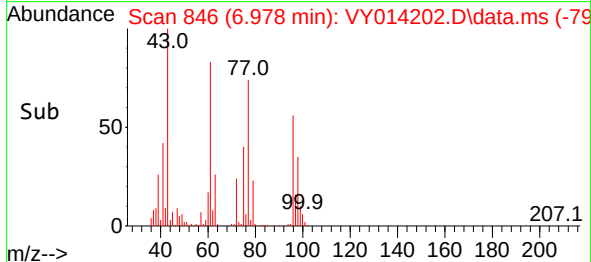
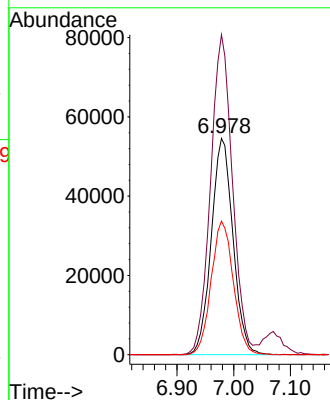
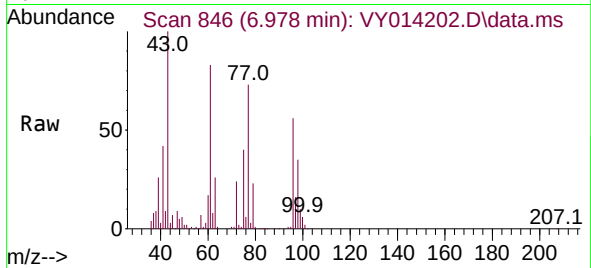
98 63.0 0.0 130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#28

Bromochloromethane

Concen: 47.195 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.005 min

Lab File: VY014202.D

Acq: 16 Jun 2023 14:19

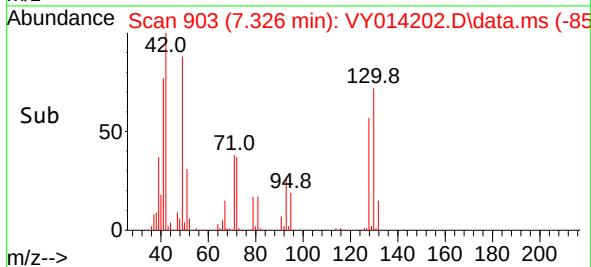
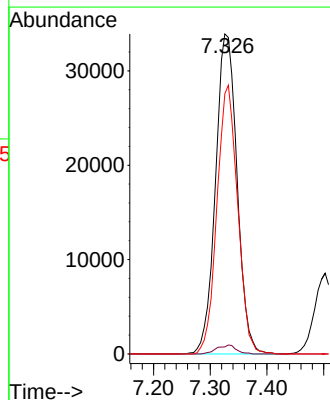
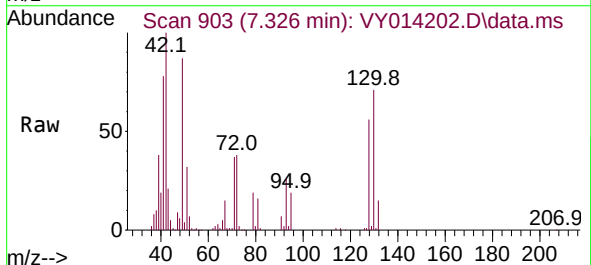
Tgt Ion: 49 Resp: 89500

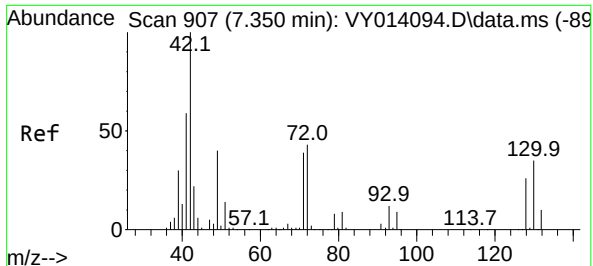
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 80.7 60.7 91.1





#29

Tetrahydrofuran

Concen: 232.972 ug/l

RT: 7.344 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY014202.D

Acq: 16 Jun 2023 14:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 15579

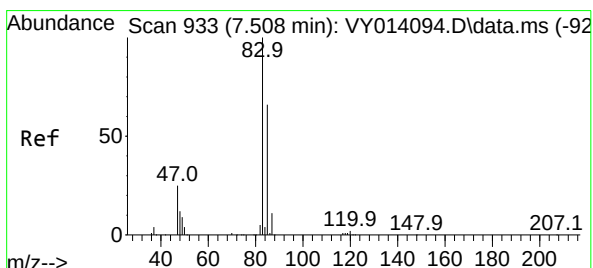
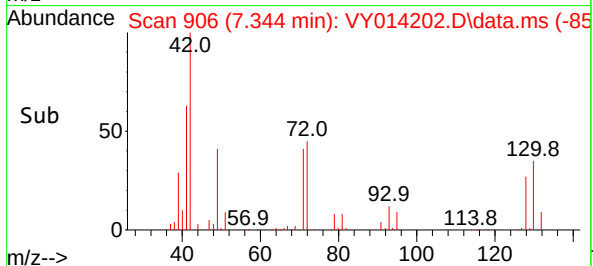
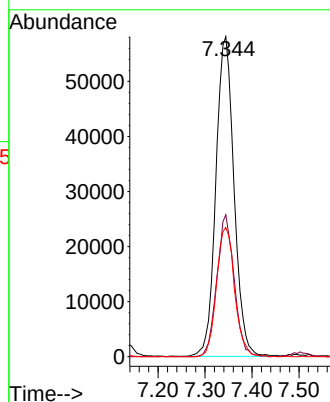
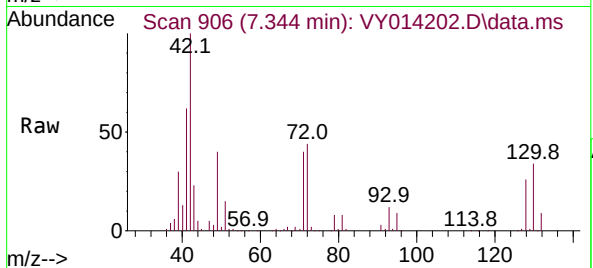
Ion	Ratio	Lower	Upper
42	100		
72	42.5	32.8	49.2
71	40.3	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#30

Chloroform

Concen: 50.417 ug/l

RT: 7.503 min Scan# 932

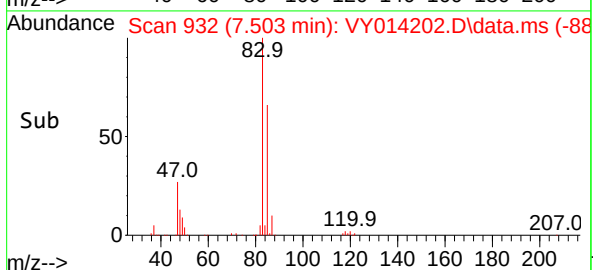
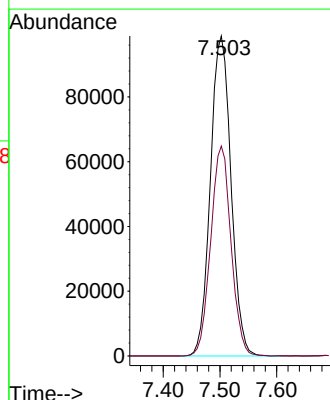
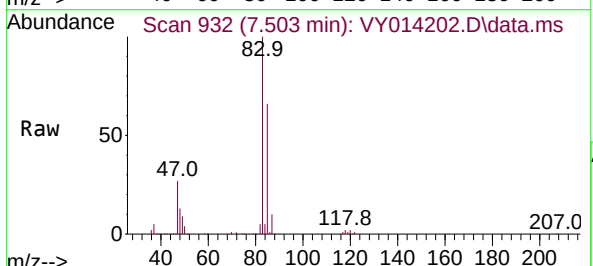
Delta R.T. -0.005 min

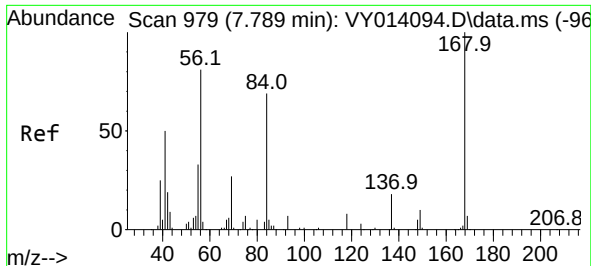
Lab File: VY014202.D

Acq: 16 Jun 2023 14:19

Tgt Ion: 83 Resp: 249426

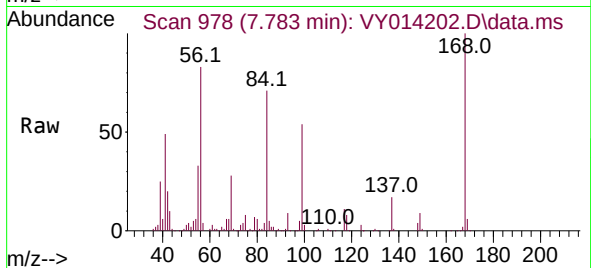
Ion	Ratio	Lower	Upper
83	100		
85	65.6	49.7	74.5





#31
Cyclohexane
Concen: 50.084 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19

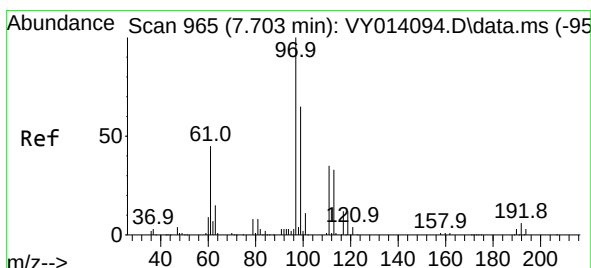
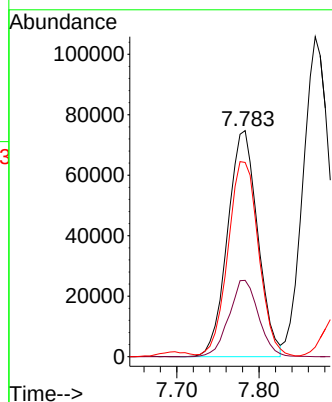
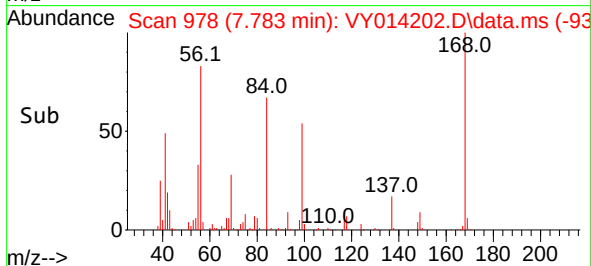
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 190689
Ion Ratio Lower Upper
56 100
69 33.8 27.8 41.6
84 84.2 66.4 99.6

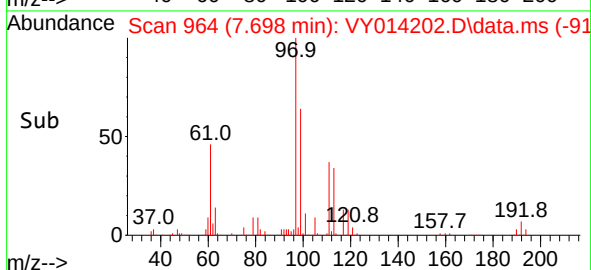
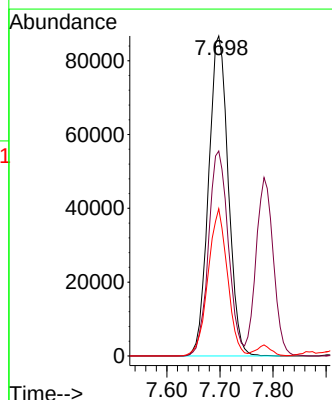
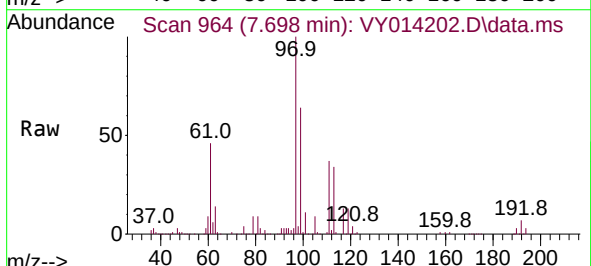
Manual Integrations
APPROVED

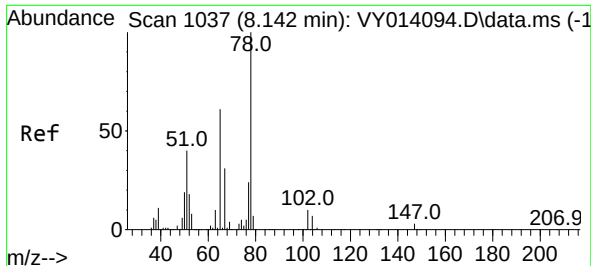
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#32
1,1,1-Trichloroethane
Concen: 50.101 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.005 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19

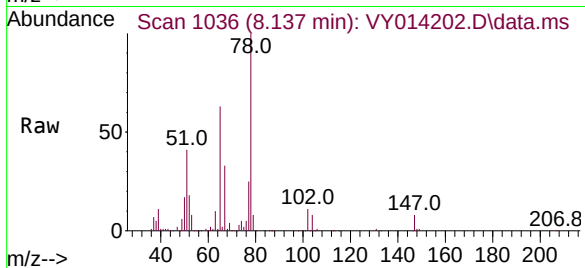
Tgt Ion: 97 Resp: 223551
Ion Ratio Lower Upper
97 100
99 64.7 50.8 76.2
61 45.4 35.1 52.7





#33
1,2-Dichloroethane-d4
Concen: 45.697 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19

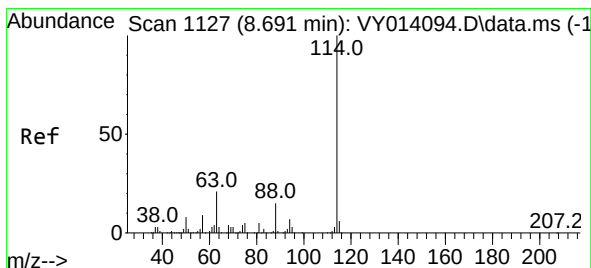
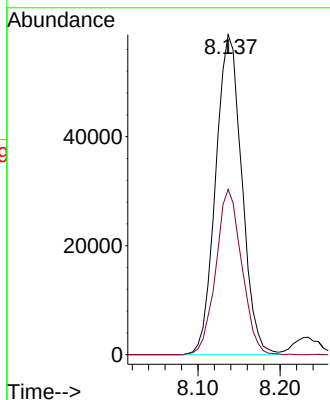
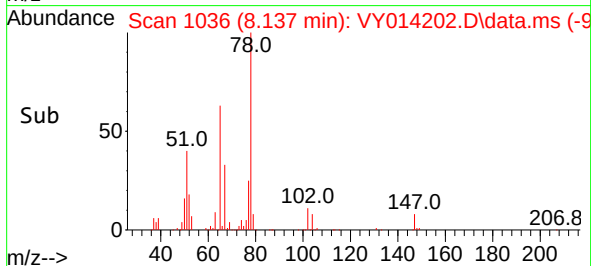
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 65 Resp: 129879
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.8

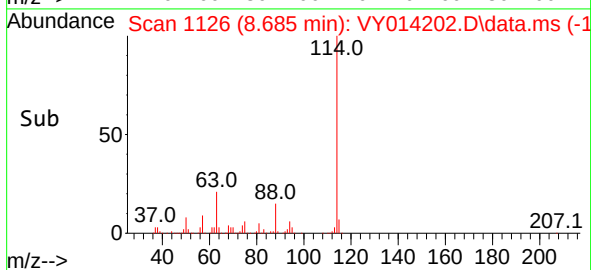
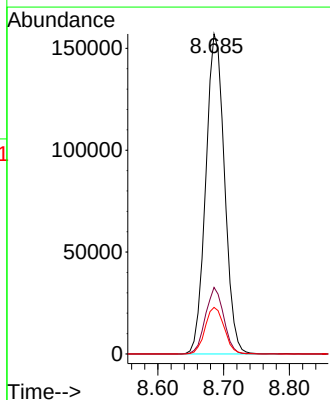
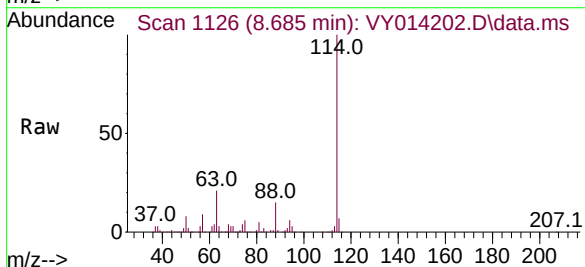
Manual Integrations
APPROVED

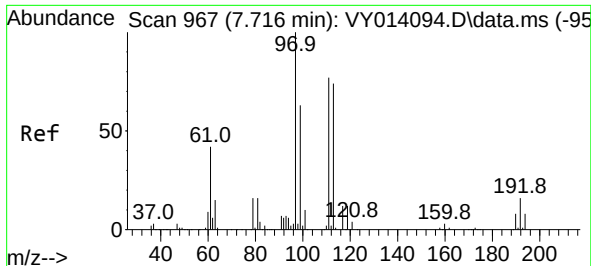
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19

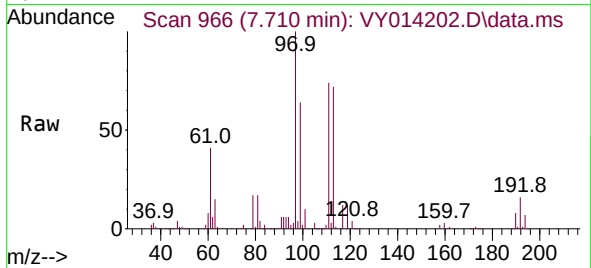
Tgt Ion:114 Resp: 311705
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.4
88 14.5 0.0 30.6





#35
Dibromofluoromethane
Concen: 52.153 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19

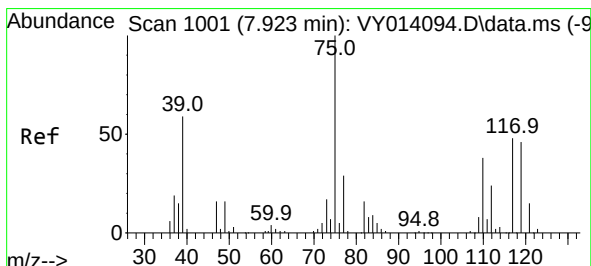
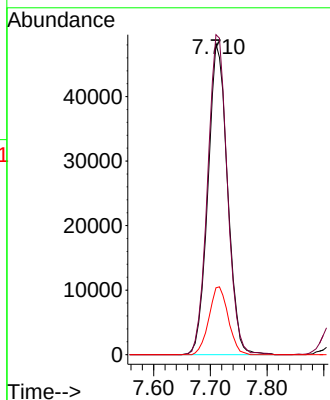
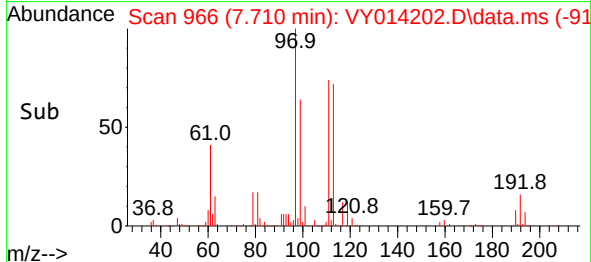
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



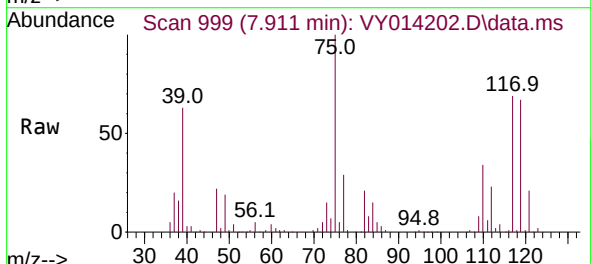
Tgt Ion: 113 Resp: 11528
Ion Ratio Lower Upper
113 100
111 103.7 81.3 121.9
192 21.5 16.9 25.3

Manual Integrations
APPROVED

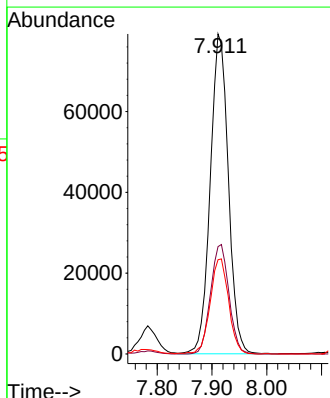
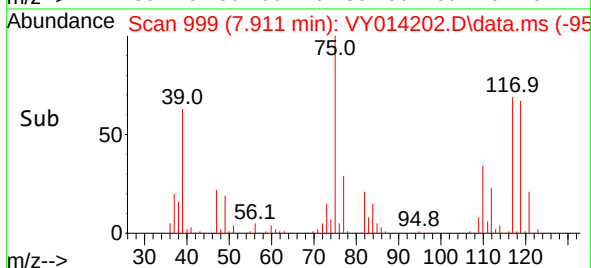
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

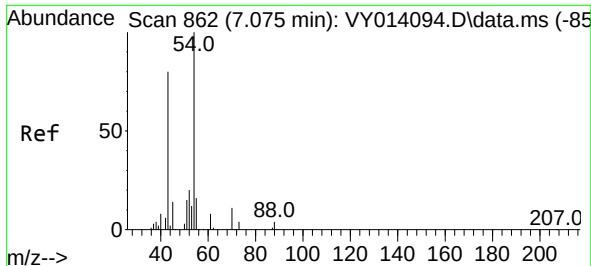


#36
1,1-Dichloropropene
Concen: 52.547 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.012 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19



Tgt Ion: 75 Resp: 181092
Ion Ratio Lower Upper
75 100
110 34.7 17.8 53.5
77 30.5 24.4 36.6





#37

Ethyl Acetate

Concen: 45.498 ug/l

RT: 7.070 min Scan# 80

Delta R.T. -0.005 min

Lab File: VY014202.D

Acq: 16 Jun 2023 14:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 108189

Ion Ratio Lower Upper

43 100

61 12.4 10.1 15.1

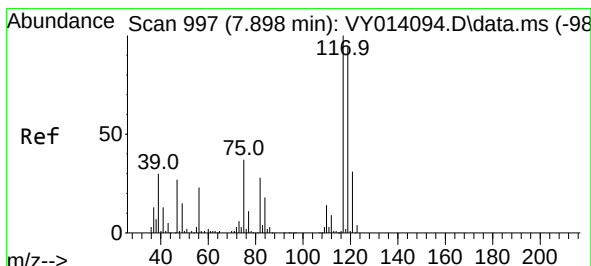
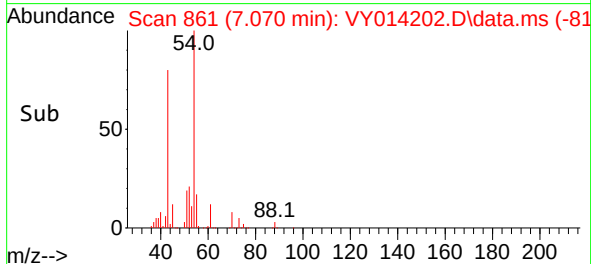
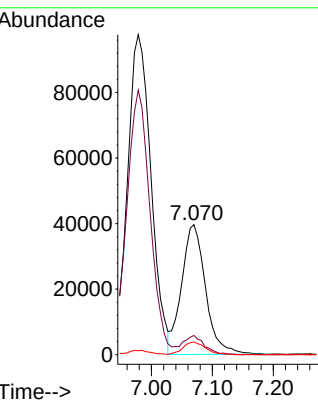
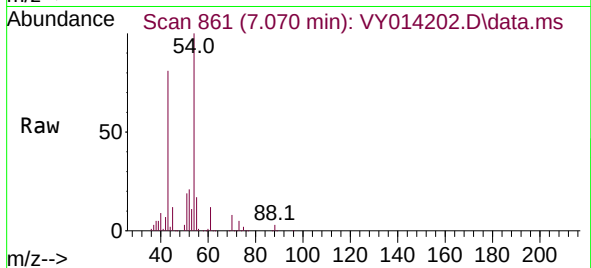
70 9.1 7.1 10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#38

Carbon Tetrachloride

Concen: 51.816 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.005 min

Lab File: VY014202.D

Acq: 16 Jun 2023 14:19

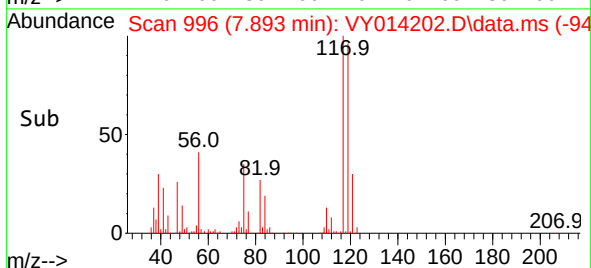
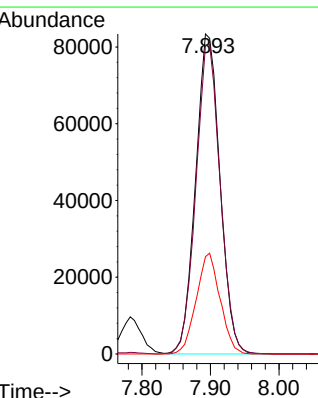
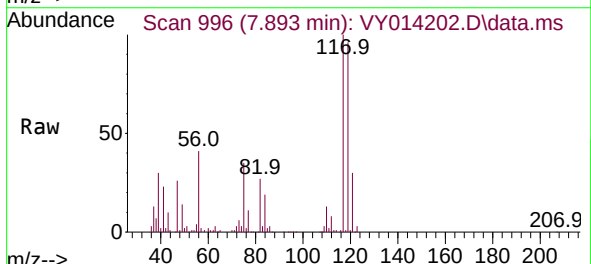
Tgt Ion:117 Resp: 206069

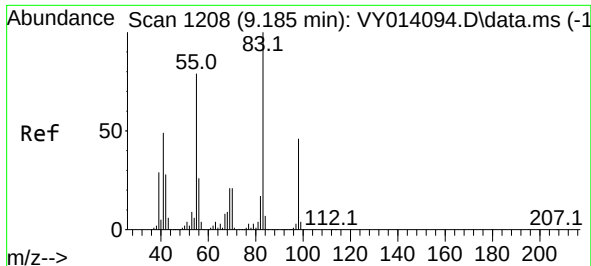
Ion Ratio Lower Upper

117 100

119 96.3 76.4 114.6

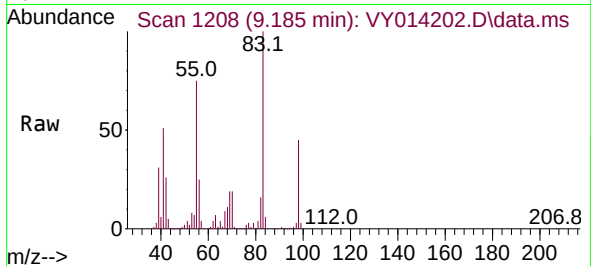
121 30.4 25.8 38.6





#39
Methylcyclohexane
Concen: 54.432 ug/l
RT: 9.185 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19

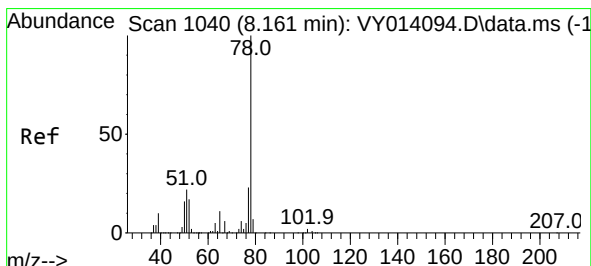
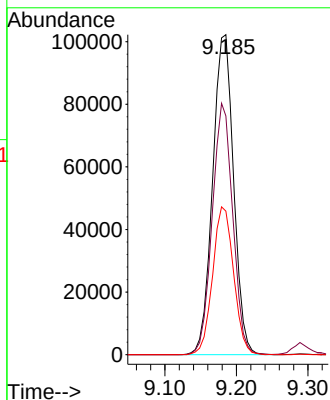
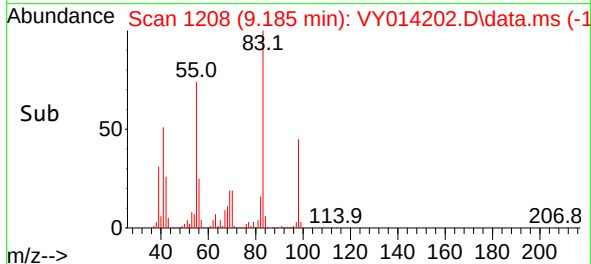
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 208129
Ion Ratio Lower Upper
83 100
55 74.6 63.0 94.4
98 44.8 37.4 56.2

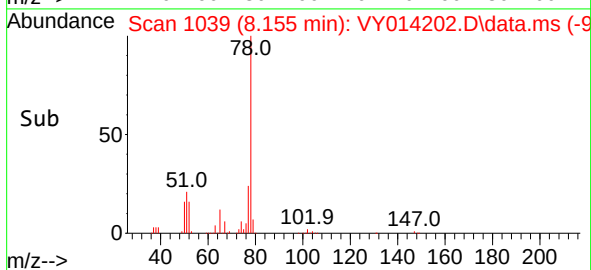
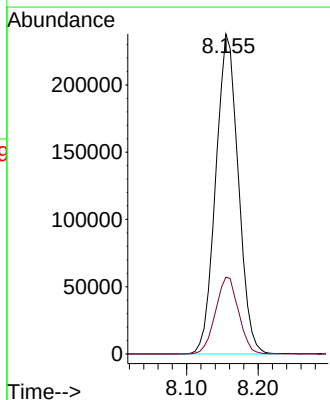
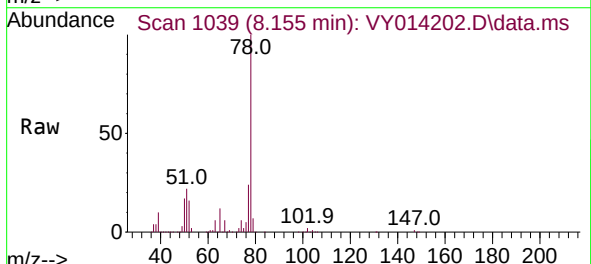
Manual Integrations
APPROVED

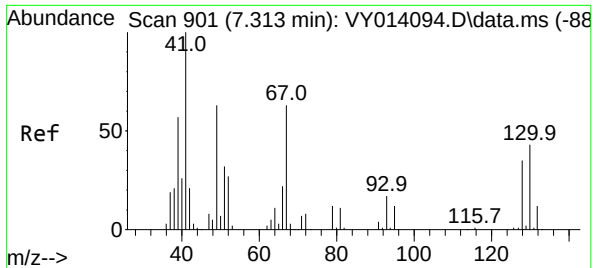
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#40
Benzene
Concen: 50.859 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19

Tgt Ion: 78 Resp: 521197
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6





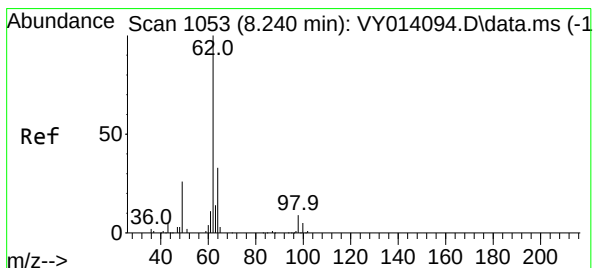
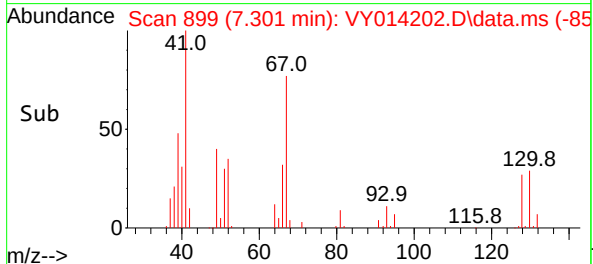
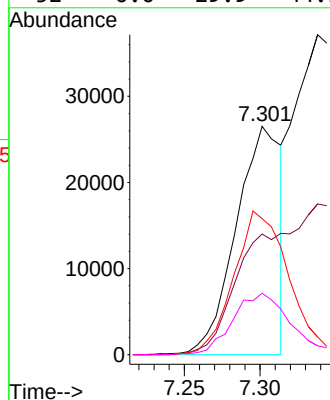
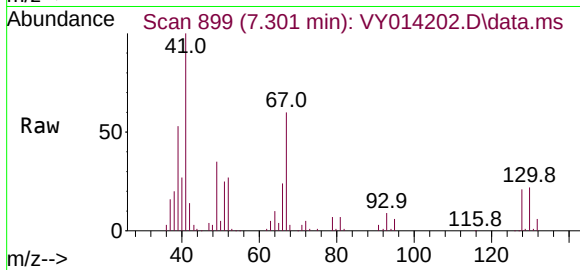
#41
Methacrylonitrile
Concen: 45.108 ug/l m
RT: 7.301 min Scan# 899
Delta R.T. -0.012 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 5474
Ion Ratio Lower Upper
41 100
39 142.4 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

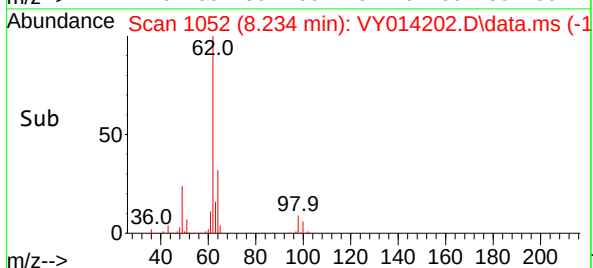
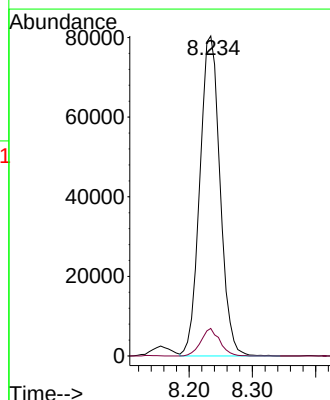
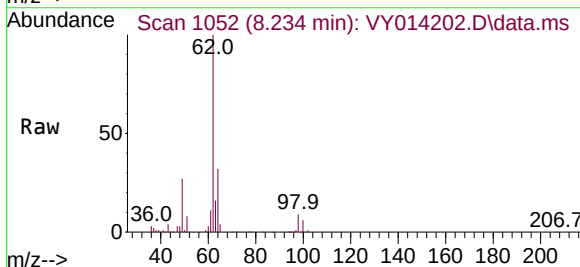
Manual Integrations
APPROVED

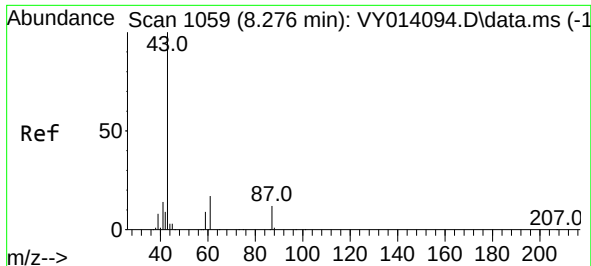
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#42
1,2-Dichloroethane
Concen: 49.299 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19

Tgt Ion: 62 Resp: 178653
Ion Ratio Lower Upper
62 100
98 8.0 0.0 15.8





#43

Isopropyl Acetate

Concen: 48.082 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. -0.005 min

Lab File: VY014202.D

Acq: 16 Jun 2023 14:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

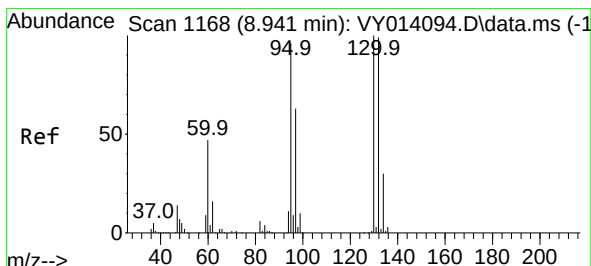
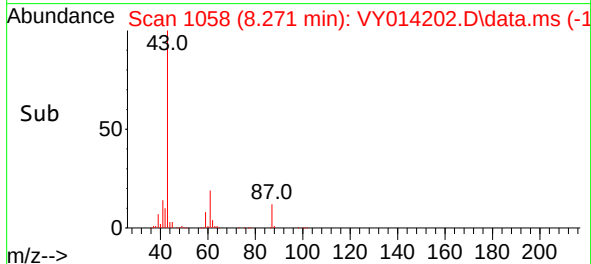
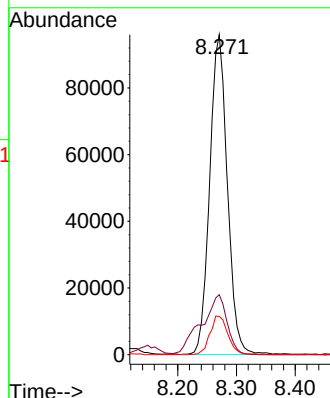
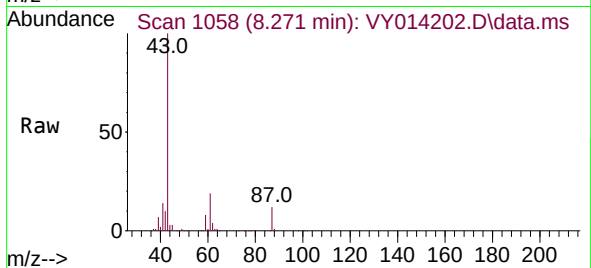
Tgt Ion:	43	Resp:	200390
Ion	Ratio	Lower	Upper
43	100		
61	27.4	21.1	31.7
87	12.3	9.8	14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#44

Trichloroethene

Concen: 51.708 ug/l

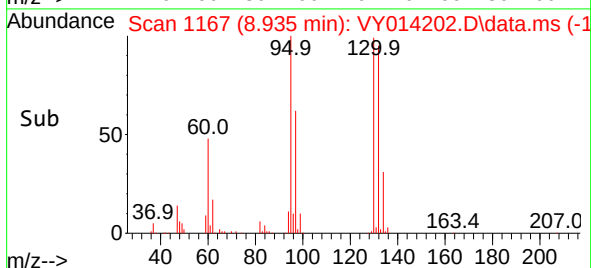
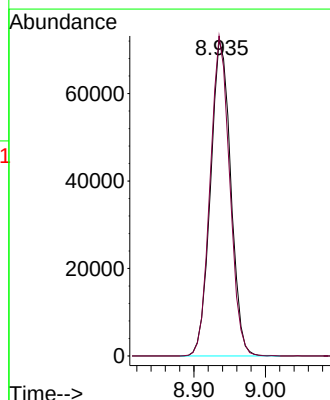
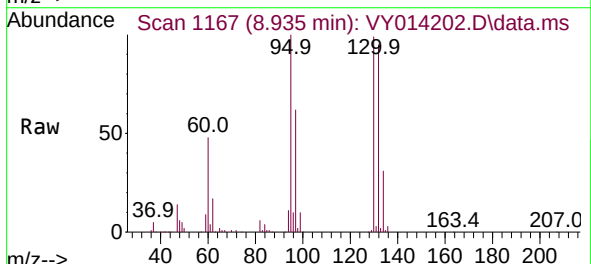
RT: 8.935 min Scan# 1167

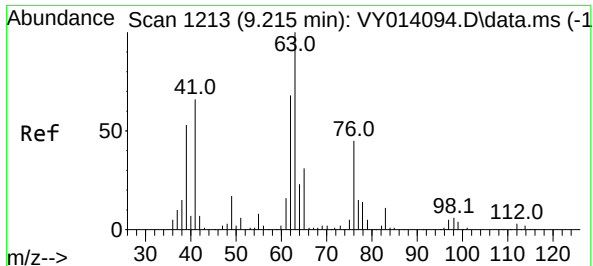
Delta R.T. -0.006 min

Lab File: VY014202.D

Acq: 16 Jun 2023 14:19

Tgt Ion:	130	Resp:	141576
Ion	Ratio	Lower	Upper
130	100		
95	101.2	0.0	196.0





#45

1,2-Dichloropropane

Concen: 50.027 ug/l

RT: 9.210 min Scan# 1213

Delta R.T. -0.005 min

Lab File: VY014202.D

Acq: 16 Jun 2023 14:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 130218

Ion Ratio Lower Upper

63 100

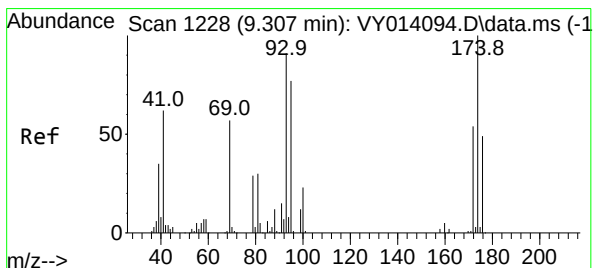
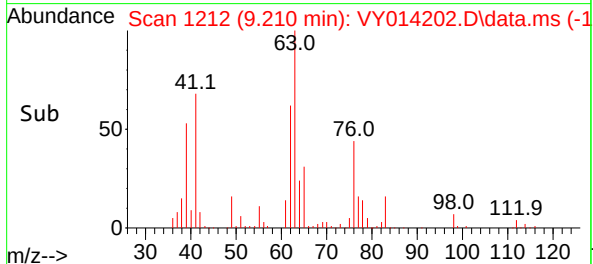
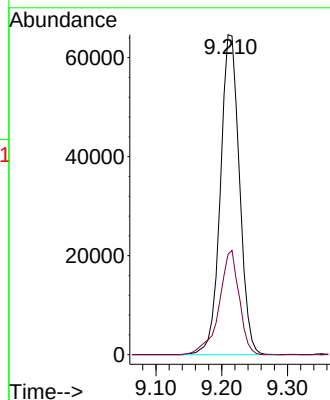
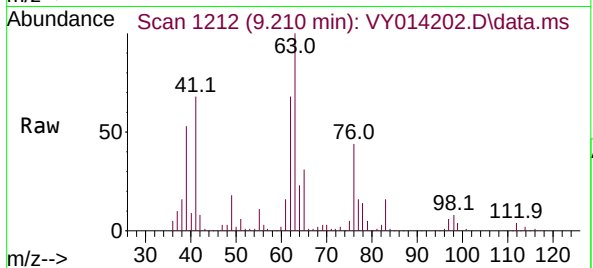
65 31.4 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#46

Dibromomethane

Concen: 47.944 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY014202.D

Acq: 16 Jun 2023 14:19

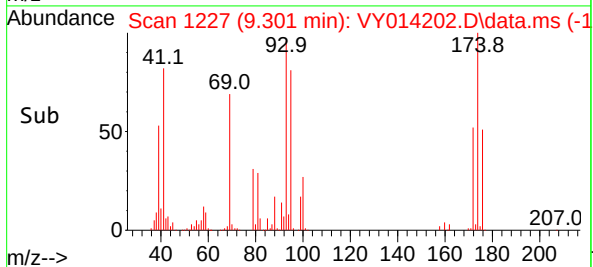
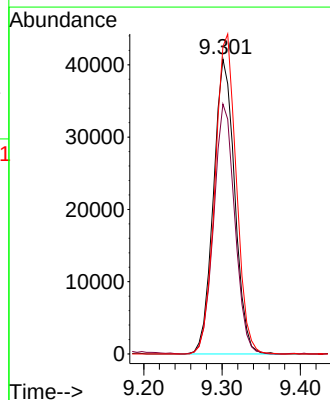
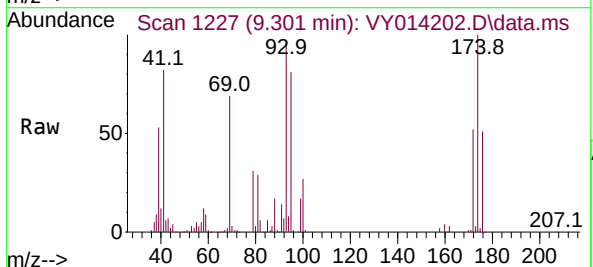
Tgt Ion: 93 Resp: 76818

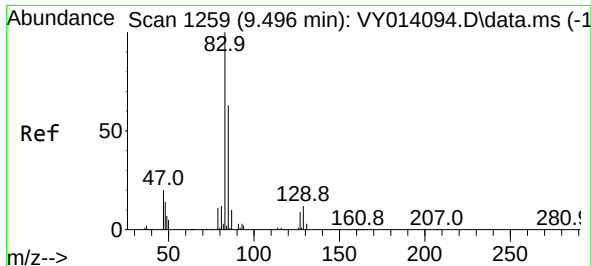
Ion Ratio Lower Upper

93 100

95 84.0 66.6 100.0

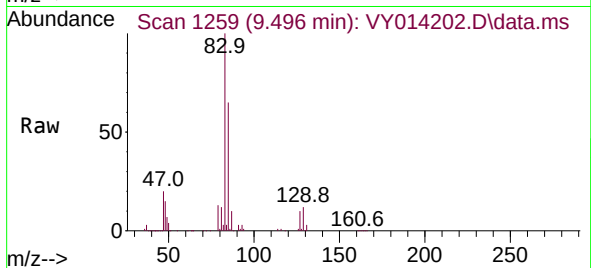
174 108.4 84.8 127.2





#47
Bromodichloromethane
Concen: 50.783 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19

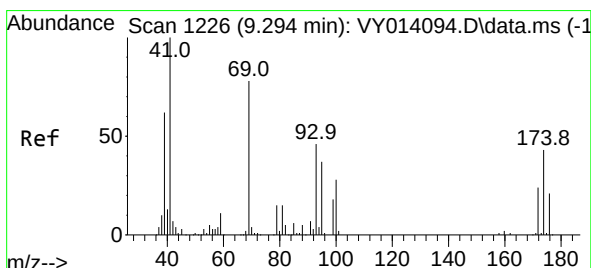
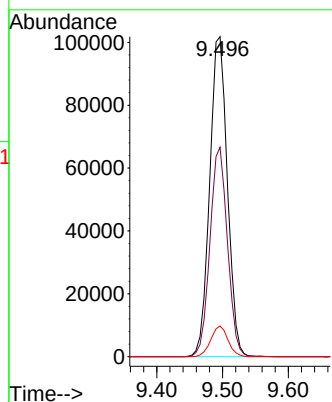
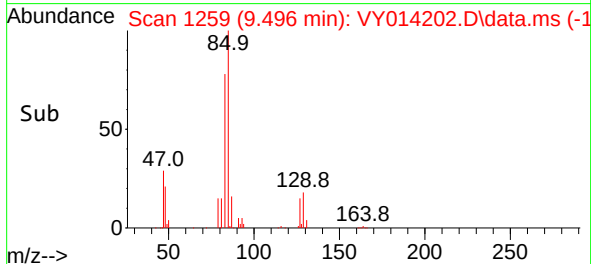
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



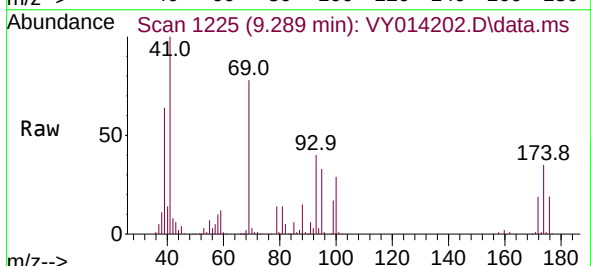
Tgt Ion: 83 Resp: 19051
Ion Ratio Lower Upper
83 100
85 65.5 50.1 75.1
127 9.6 7.1 10.7

Manual Integrations
APPROVED

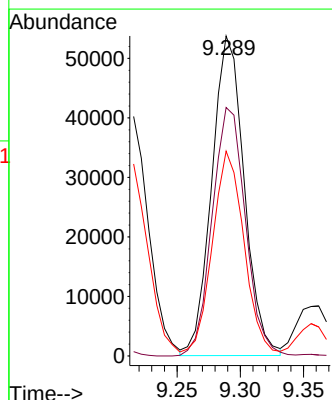
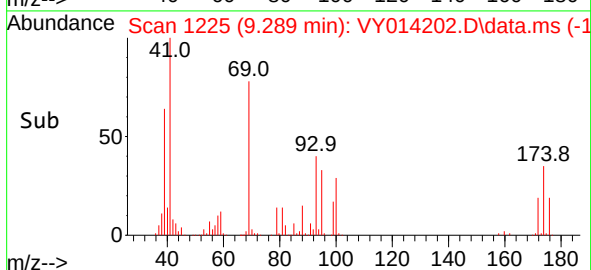
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

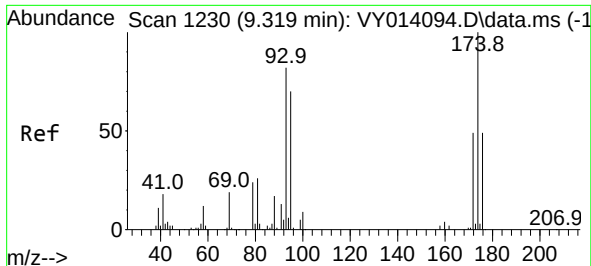


#48
Methyl methacrylate
Concen: 49.267 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.005 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19



Tgt Ion: 41 Resp: 95769
Ion Ratio Lower Upper
41 100
69 79.8 64.5 96.7
39 60.5 50.8 76.2





#49

1,4-Dioxane

Concen: 1009.523 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.024 min

Lab File: VY014202.D

Acq: 16 Jun 2023 14:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 2055

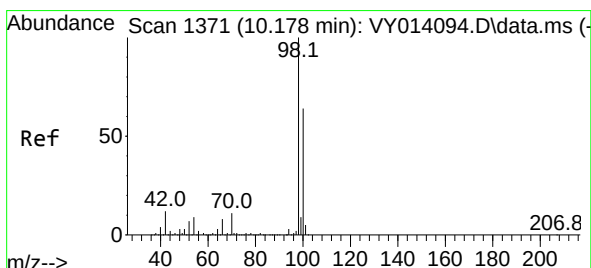
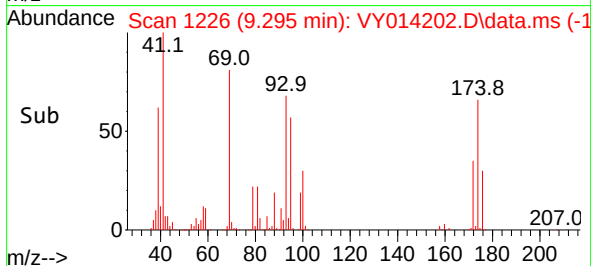
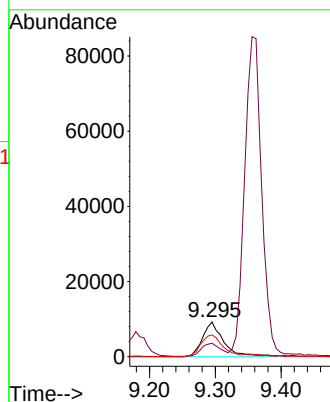
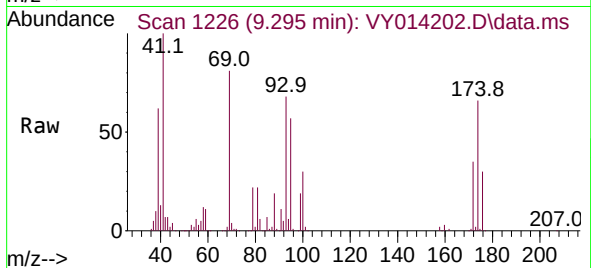
Ion	Ratio	Lower	Upper
88	100		
43	34.6	0.0	0.0
58	64.4	30.9	46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#50

Toluene-d8

Concen: 47.785 ug/l

RT: 10.179 min Scan# 1371

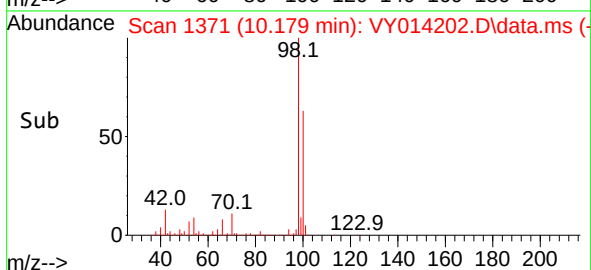
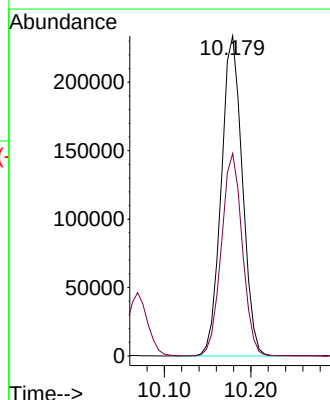
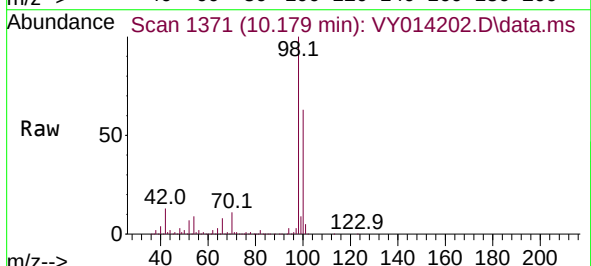
Delta R.T. 0.001 min

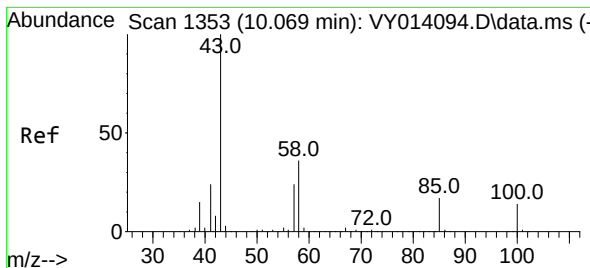
Lab File: VY014202.D

Acq: 16 Jun 2023 14:19

Tgt Ion: 98 Resp: 394912

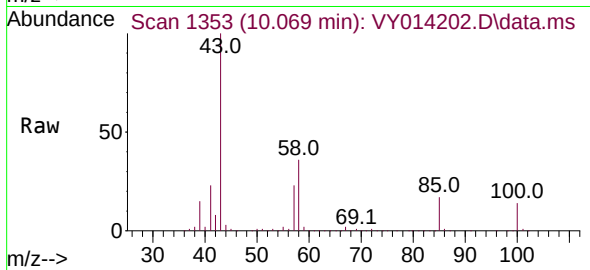
Ion	Ratio	Lower	Upper
98	100		
100	62.9	50.1	75.1





#51
4-Methyl-2-Pentanone
Concen: 240.969 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19

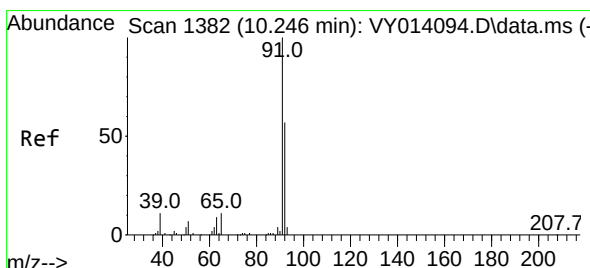
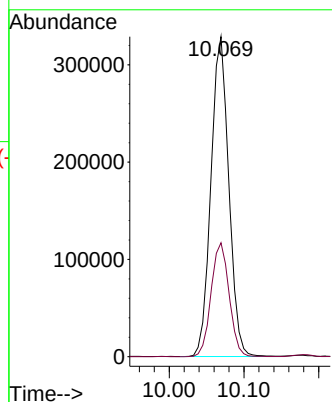
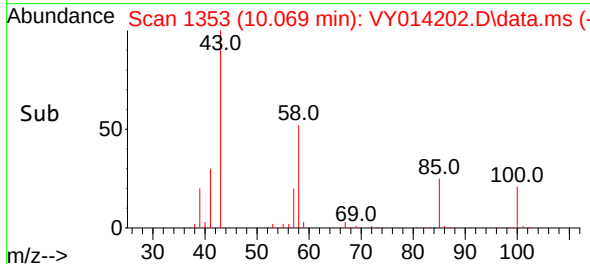
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



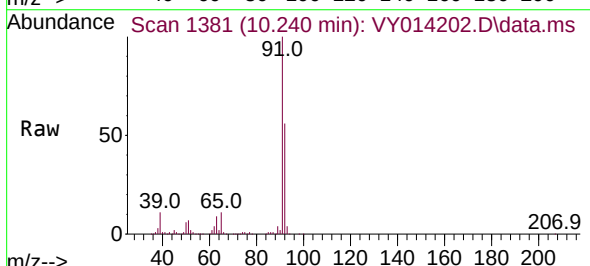
Tgt Ion: 43 Resp: 54561
Ion Ratio Lower Upper
43 100
58 36.0 29.0 43.6

Manual Integrations
APPROVED

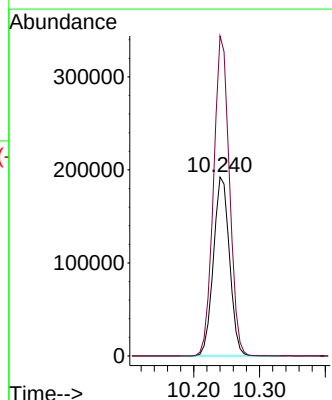
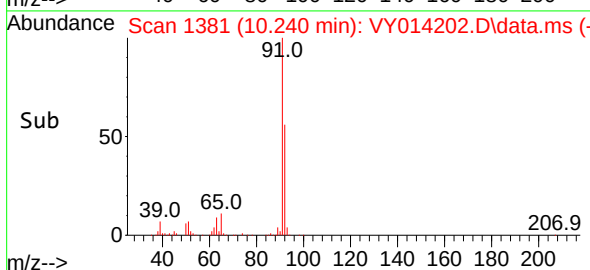
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

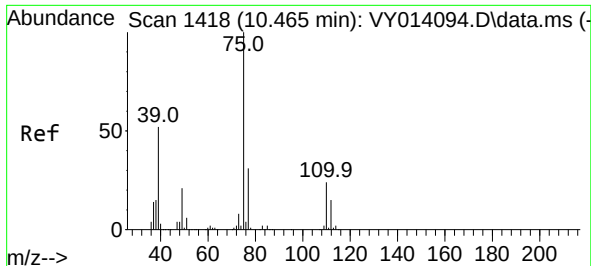


#52
Toluene
Concen: 51.462 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19



Tgt Ion: 92 Resp: 326920
Ion Ratio Lower Upper
92 100
91 177.0 143.8 215.6





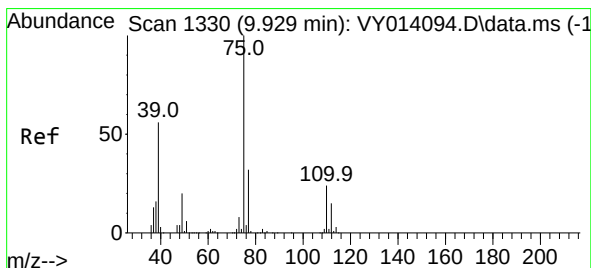
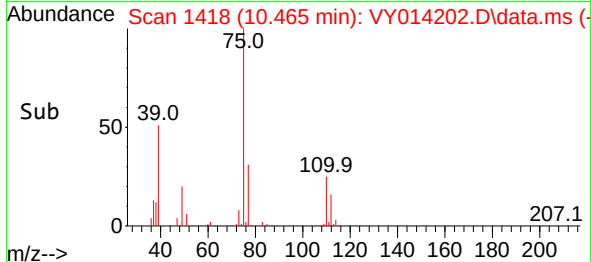
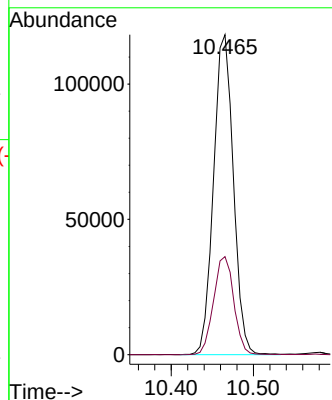
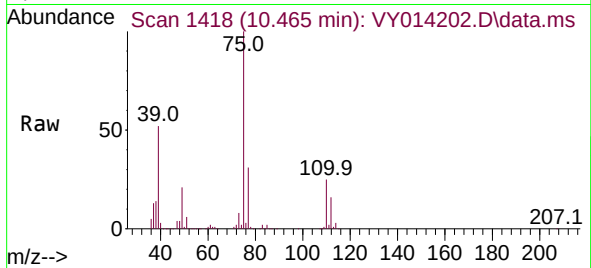
#53
t-1,3-Dichloropropene
Concen: 50.127 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 197970
Ion Ratio Lower Upper
75 100
77 30.7 25.0 37.4

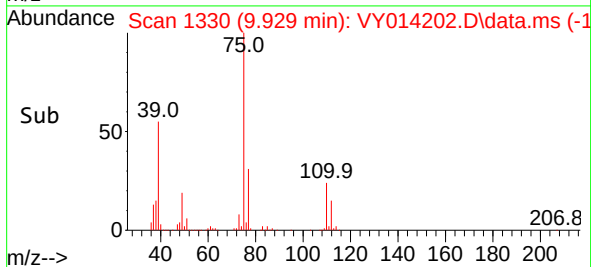
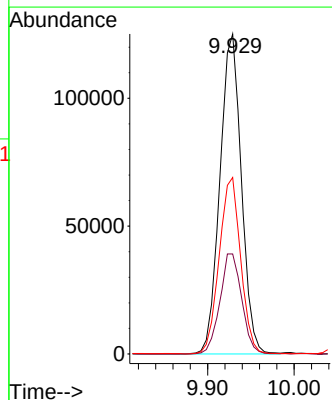
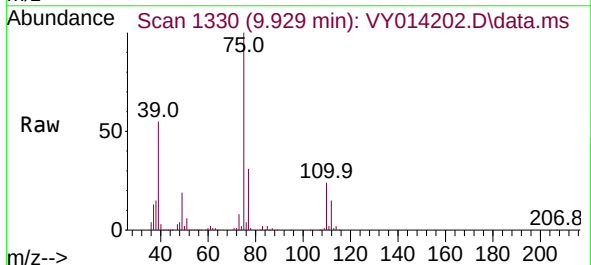
Manual Integrations
APPROVED

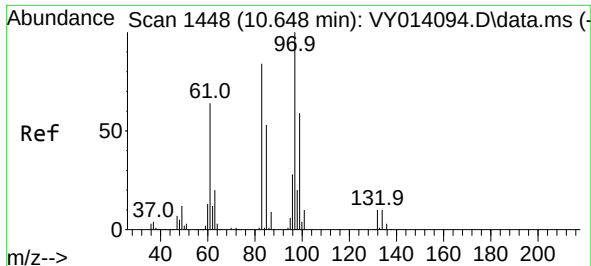
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#54
cis-1,3-Dichloropropene
Concen: 49.977 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19

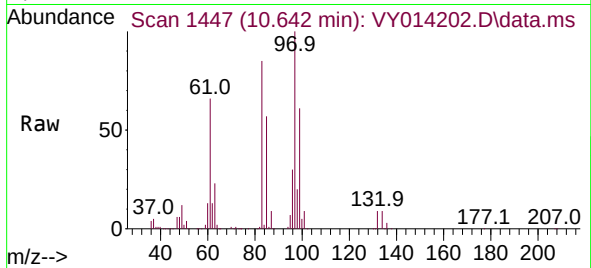
Tgt Ion: 75 Resp: 215351
Ion Ratio Lower Upper
75 100
77 31.3 24.2 36.4
39 55.1 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 49.772 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19

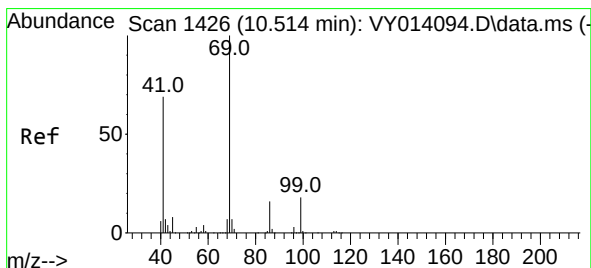
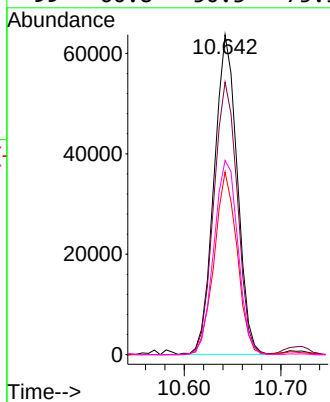
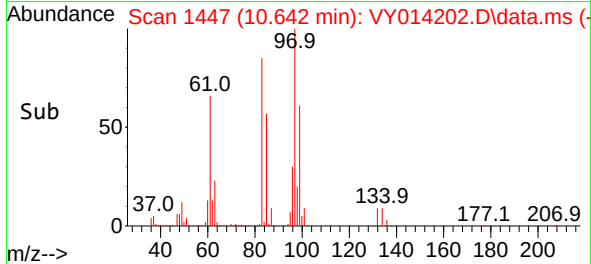
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



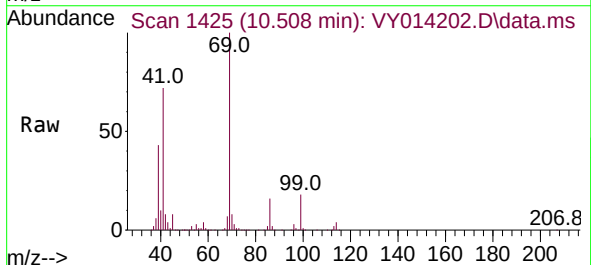
Tgt Ion:	97	Resp:	105774
Ion	Ratio	Lower	Upper
97	100		
83	85.3	72.0	108.0
85	57.2	45.4	68.0
99	60.8	50.3	75.5

Manual Integrations
APPROVED

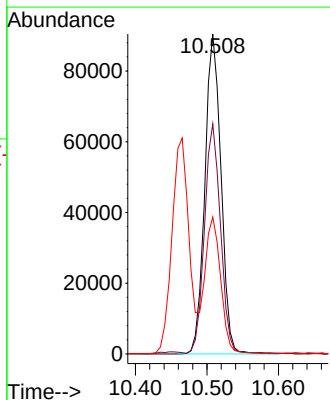
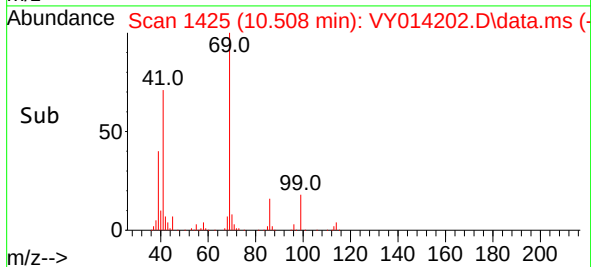
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

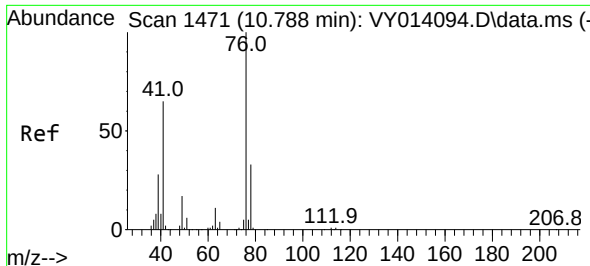


#56
Ethyl methacrylate
Concen: 48.366 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19



Tgt Ion:	69	Resp:	141774
Ion	Ratio	Lower	Upper
69	100		
41	71.1	57.6	86.4
39	43.1	34.1	51.1





#57

1,3-Dichloropropane

Concen: 48.989 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.001 min

Lab File: VY014202.D

Acq: 16 Jun 2023 14:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 17806

Ion Ratio Lower Upper

76 100

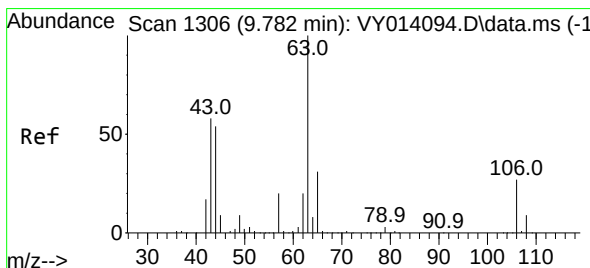
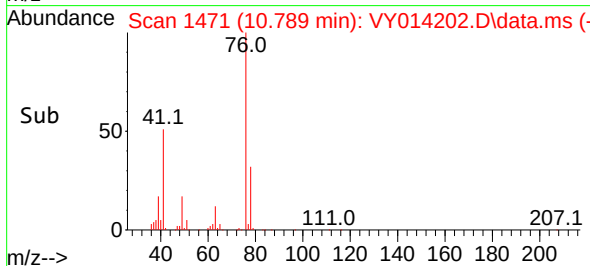
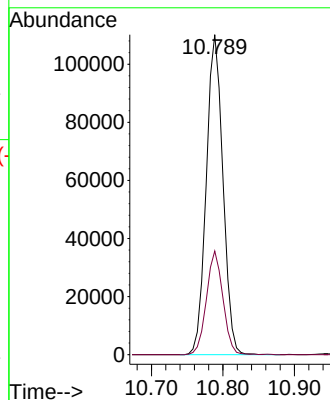
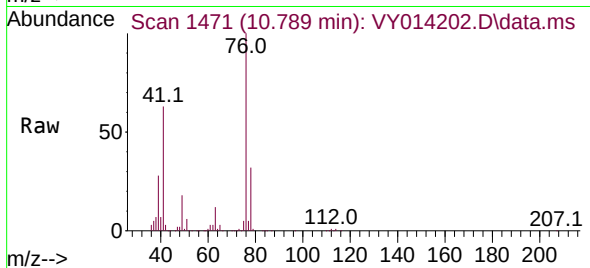
78 32.0 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#58

2-Chloroethyl Vinyl ether

Concen: 289.031 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY014202.D

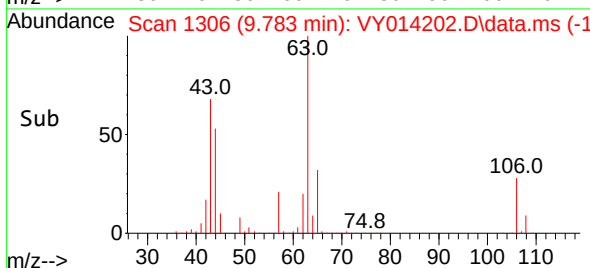
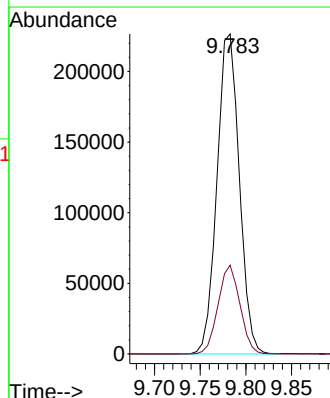
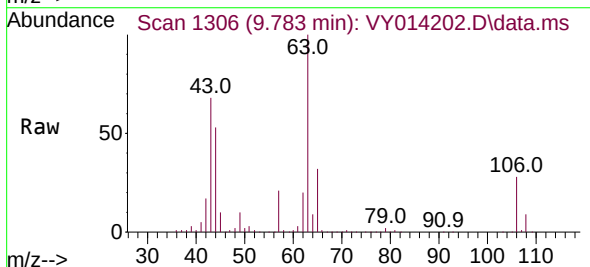
Acq: 16 Jun 2023 14:19

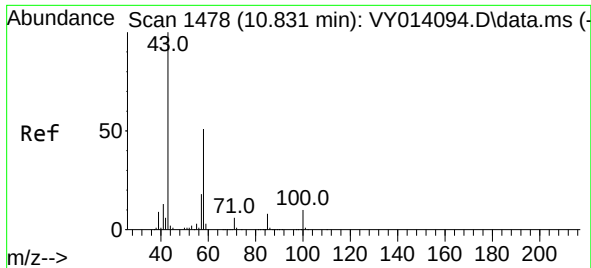
Tgt Ion: 63 Resp: 385192

Ion Ratio Lower Upper

63 100

106 27.2 21.2 31.8





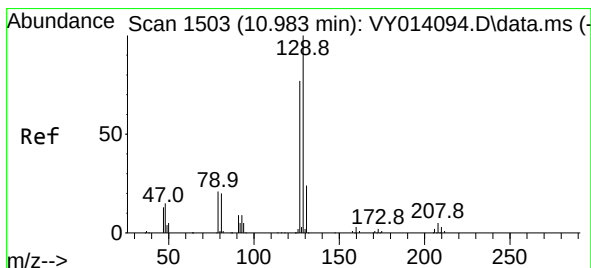
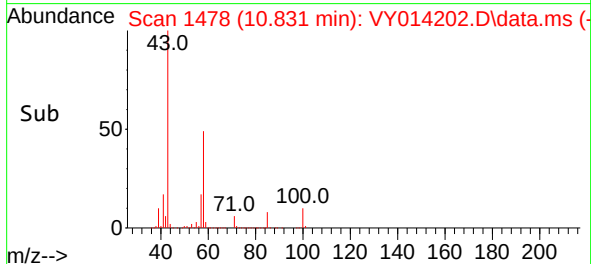
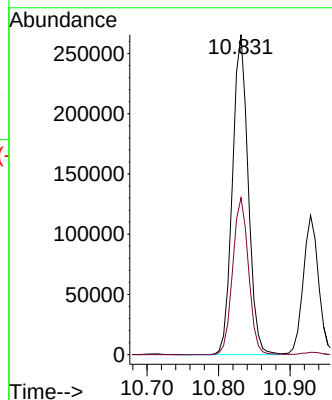
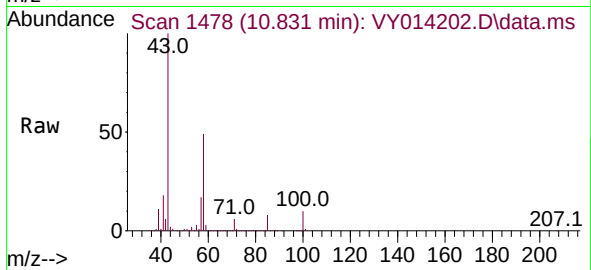
#59
2-Hexanone
Concen: 248.259 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 405997
Ion Ratio Lower Upper
43 100
58 49.3 25.1 75.3

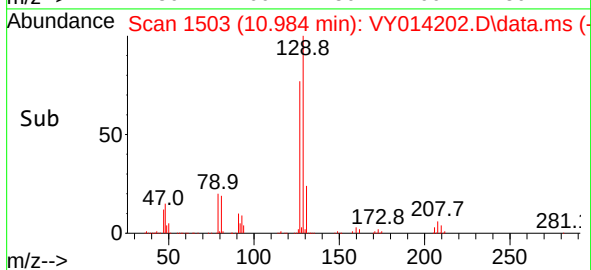
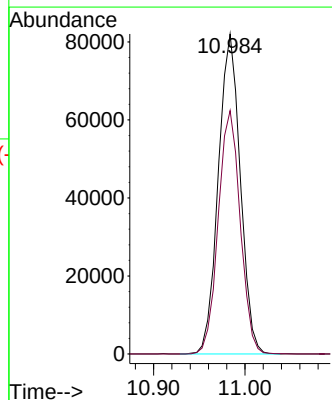
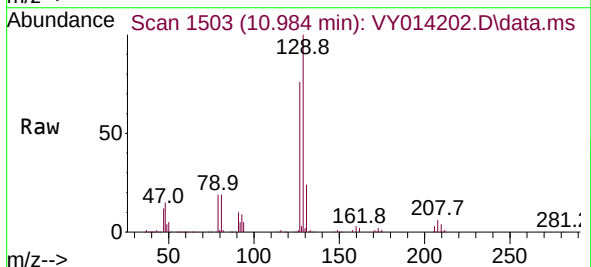
Manual Integrations
APPROVED

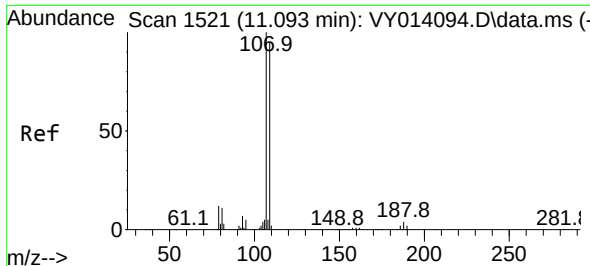
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#60
Dibromochloromethane
Concen: 50.403 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19

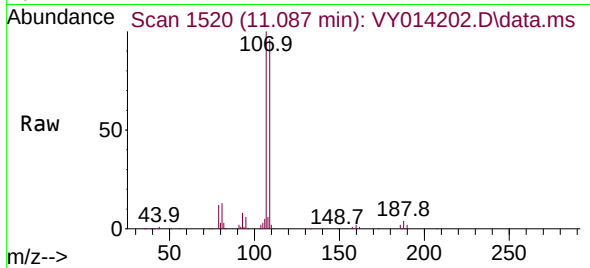
Tgt Ion:129 Resp: 137097
Ion Ratio Lower Upper
129 100
127 76.0 38.5 115.5





#61
1,2-Dibromoethane
Concen: 48.121 ug/l
RT: 11.087 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19

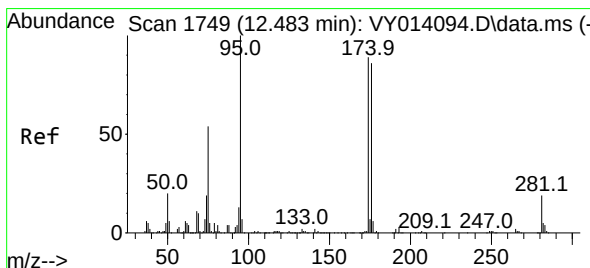
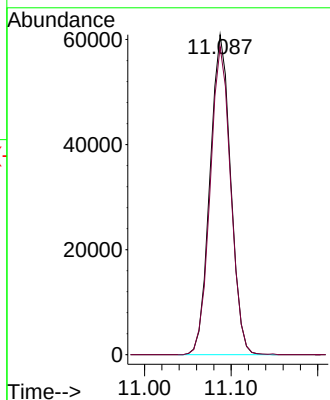
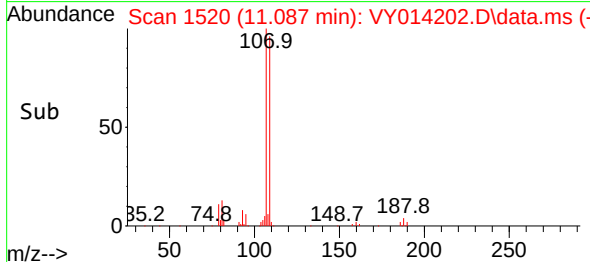
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



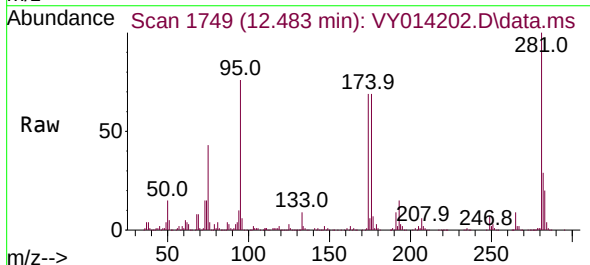
Tgt Ion:107 Resp: 100928
Ion Ratio Lower Upper
107 100
109 95.8 75.6 113.4

Manual Integrations
APPROVED

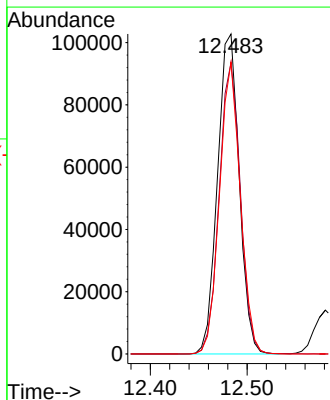
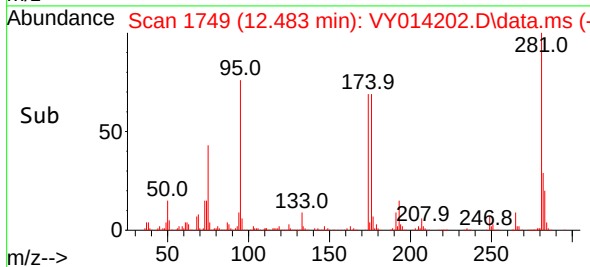
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

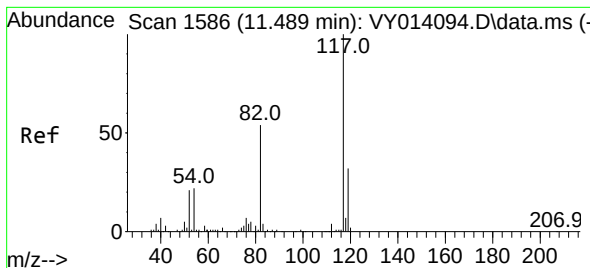


#62
4-Bromofluorobenzene
Concen: 54.492 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19



Tgt Ion: 95 Resp: 159974
Ion Ratio Lower Upper
95 100
174 88.9 0.0 178.2
176 87.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.001 min

Lab File: VY014202.D

Acq: 16 Jun 2023 14:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:117 Resp: 287469

Ion Ratio Lower Upper

117 100

82 53.7 43.4 65.0

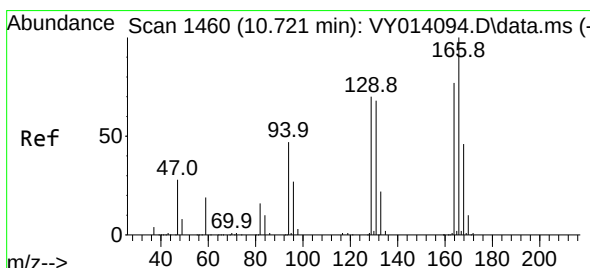
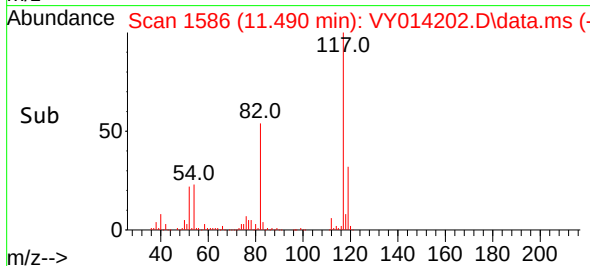
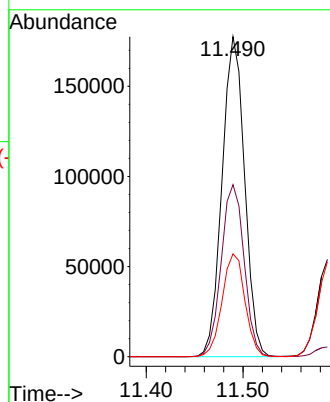
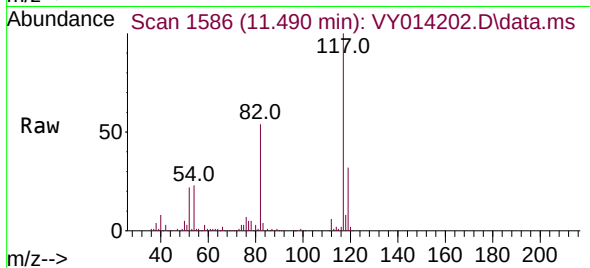
119 32.2 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#64

Tetrachloroethene

Concen: 51.594 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY014202.D

Acq: 16 Jun 2023 14:19

Tgt Ion:164 Resp: 126421

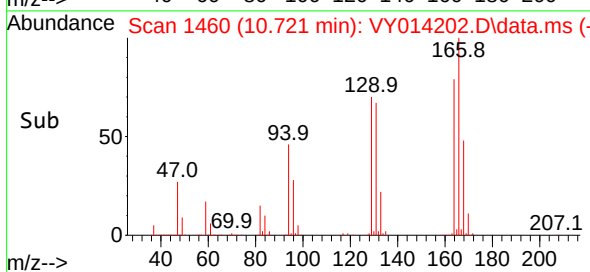
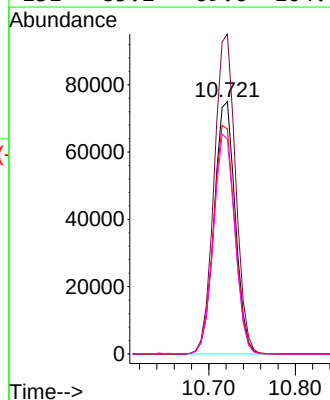
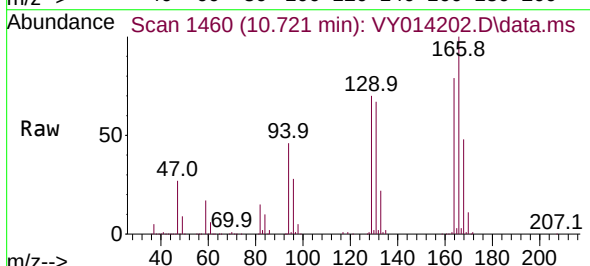
Ion Ratio Lower Upper

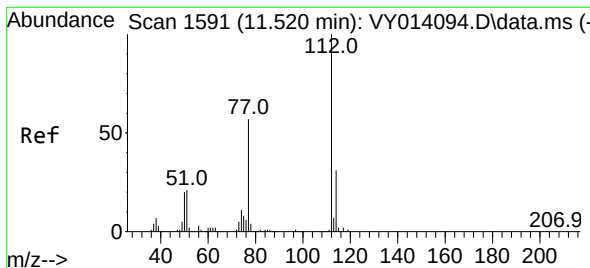
164 100

166 126.8 103.0 154.6

129 89.2 77.2 115.8

131 85.2 69.6 104.4





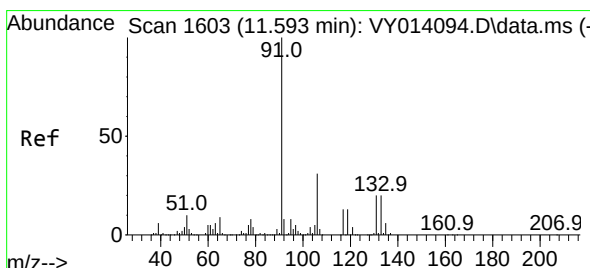
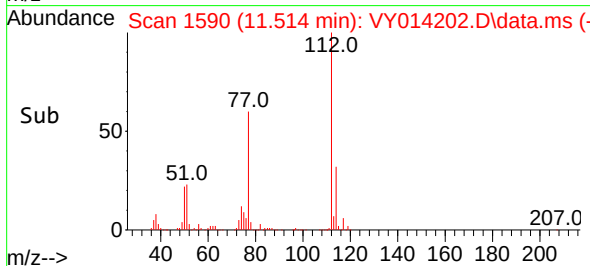
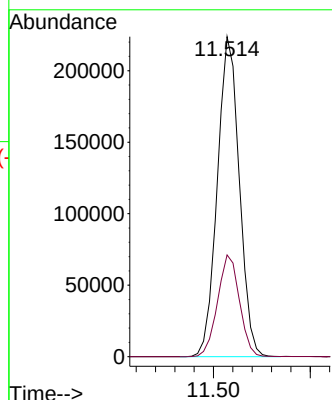
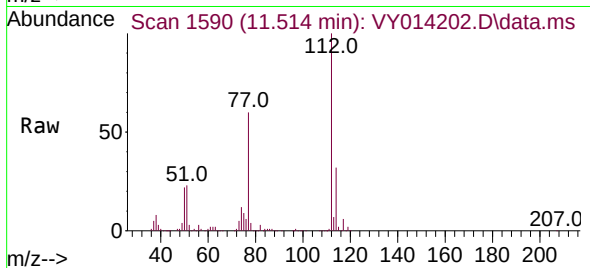
#65
Chlorobenzene
Concen: 51.070 ug/l
RT: 11.514 min Scan# 1159
Delta R.T. -0.006 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 35276
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3

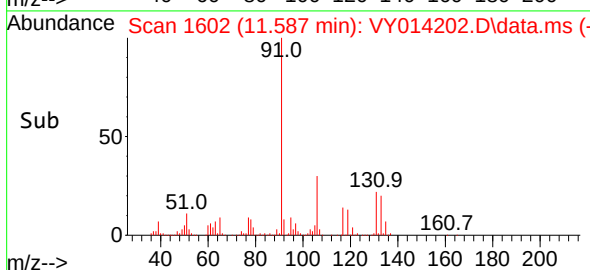
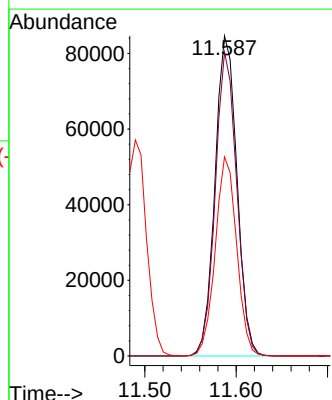
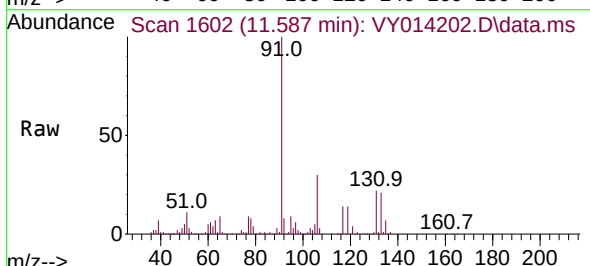
Manual Integrations
APPROVED

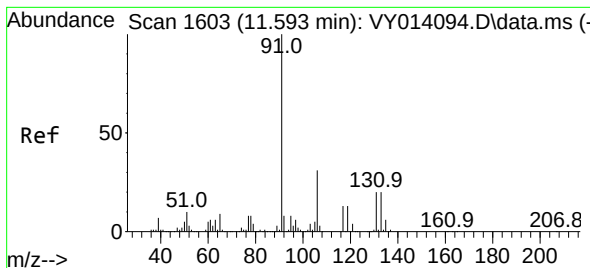
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 51.880 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19

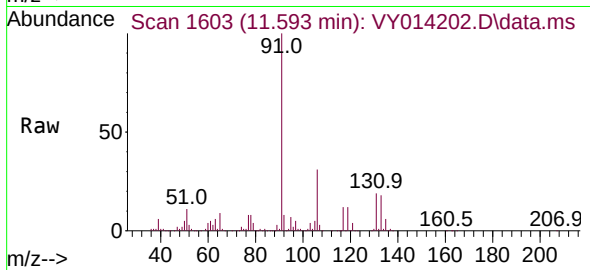
Tgt Ion:131 Resp: 140950
Ion Ratio Lower Upper
131 100
133 93.0 47.5 142.6
119 60.9 31.6 94.7





#67
Ethyl Benzene
Concen: 53.180 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19

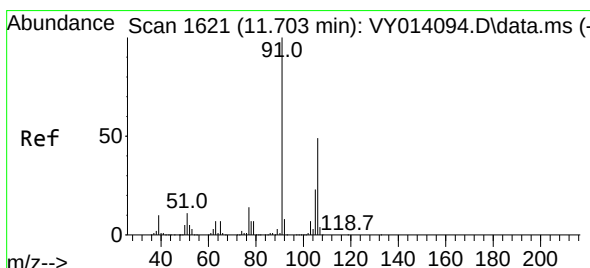
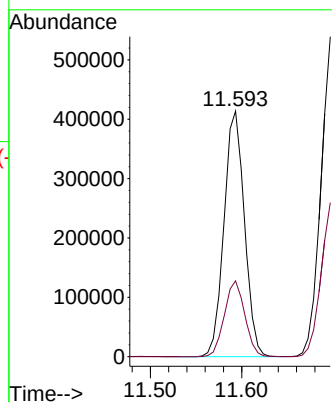
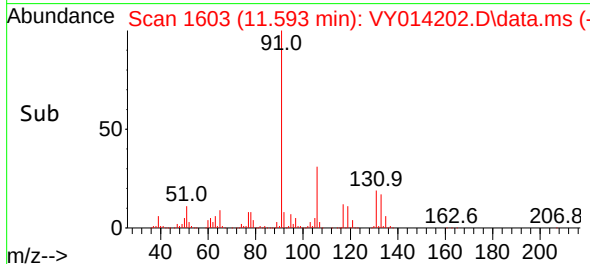
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



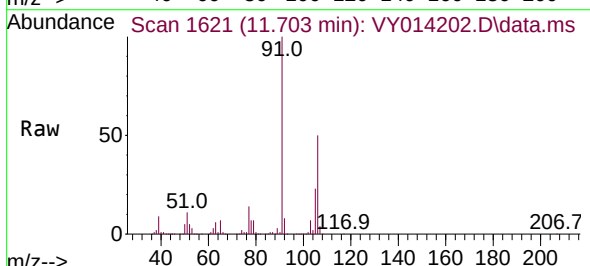
Tgt Ion: 91 Resp: 64298
Ion Ratio Lower Upper
91 100
106 30.9 24.6 36.8

Manual Integrations
APPROVED

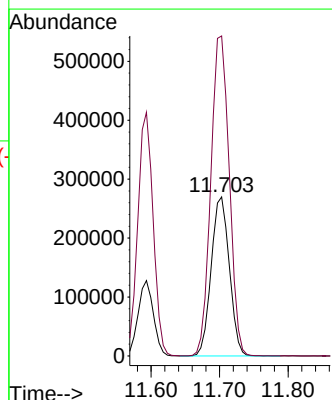
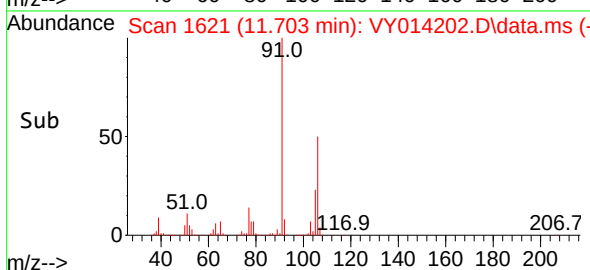
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

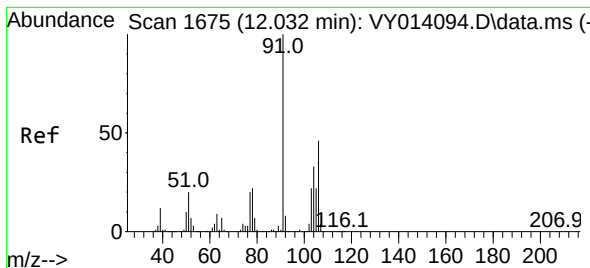


#68
m/p-Xylenes
Concen: 106.534 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19



Tgt Ion:106 Resp: 495447
Ion Ratio Lower Upper
106 100
91 204.4 166.1 249.1





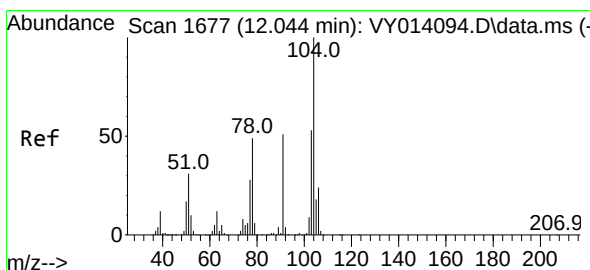
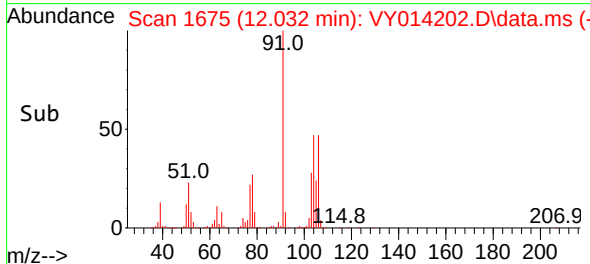
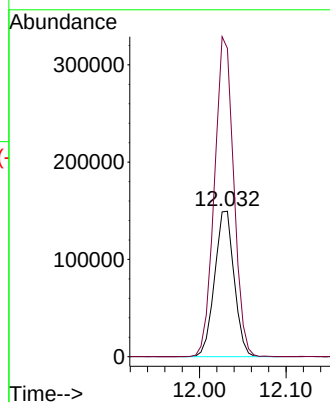
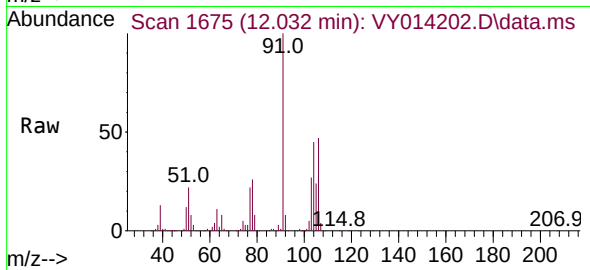
#69
o-Xylene
Concen: 53.338 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 234518
Ion Ratio Lower Upper
106 100
91 217.5 108.1 324.3

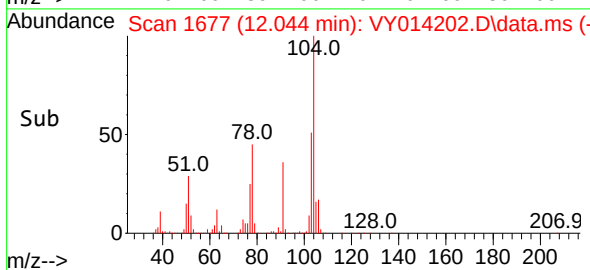
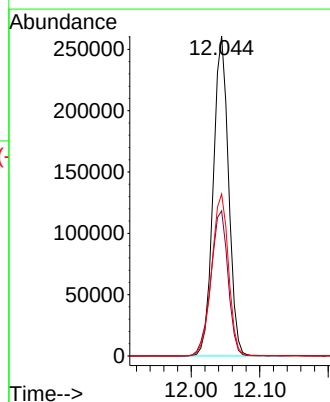
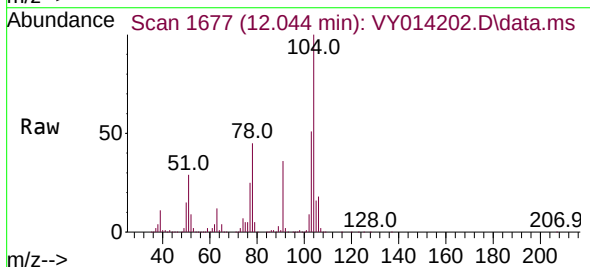
Manual Integrations
APPROVED

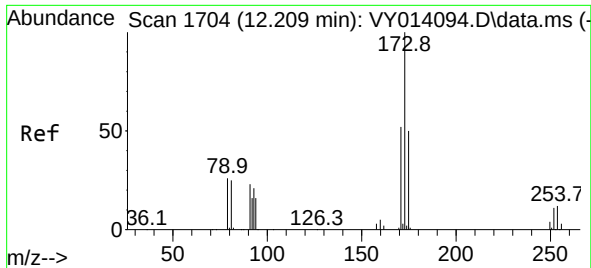
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#70
Styrene
Concen: 54.063 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19

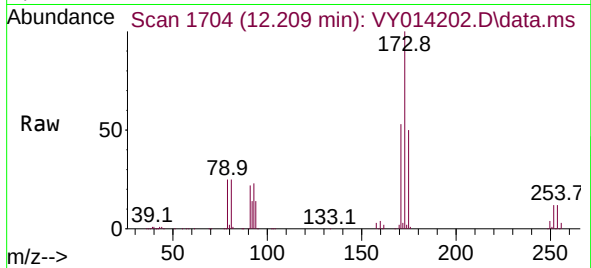
Tgt Ion:104 Resp: 405701
Ion Ratio Lower Upper
104 100
78 51.0 41.5 62.3
103 55.5 44.6 67.0





#71
Bromoform
Concen: 50.559 ug/l
RT: 12.209 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19

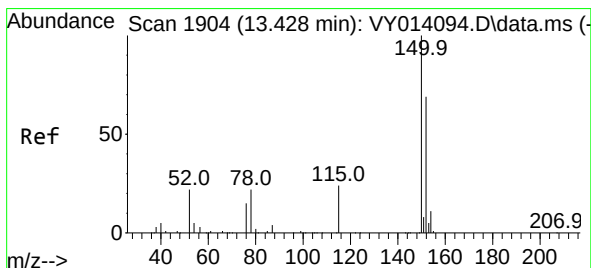
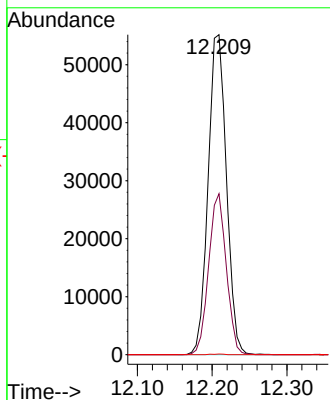
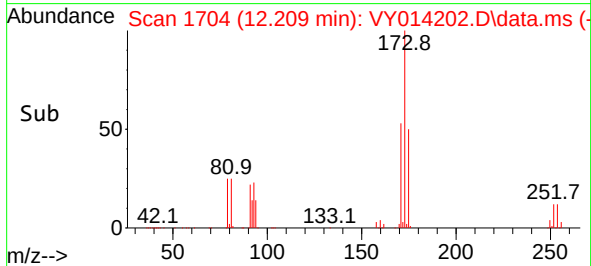
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



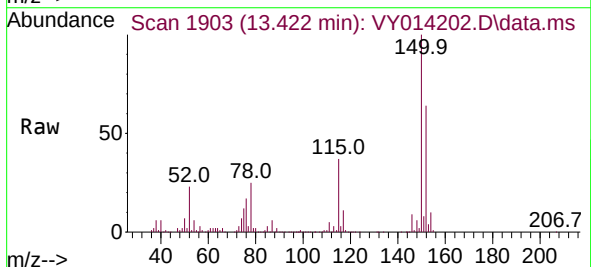
Tgt Ion:173 Resp: 94072
Ion Ratio Lower Upper
173 100
175 48.4 24.6 73.8
254 0.1 0.2 0.2

Manual Integrations
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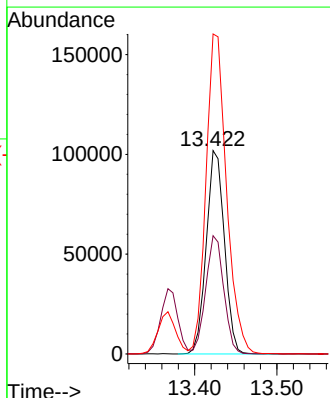
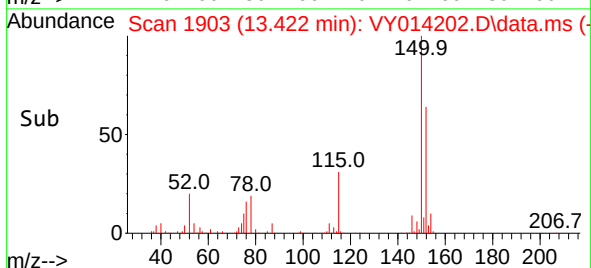
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

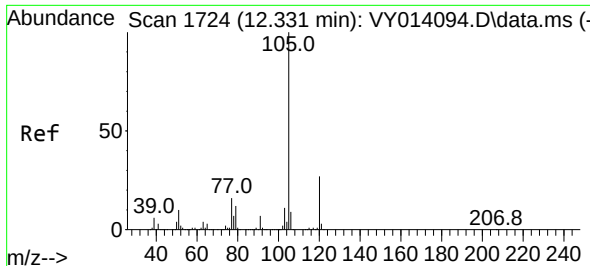


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19



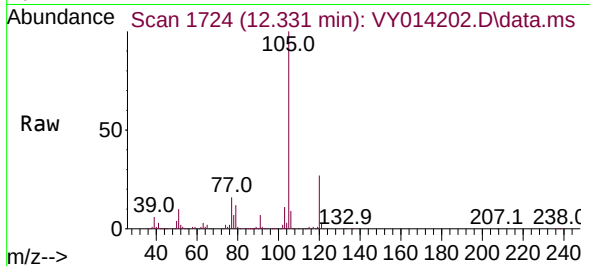
Tgt Ion:152 Resp: 155995
Ion Ratio Lower Upper
152 100
115 57.5 28.8 86.5
150 178.3 0.0 348.8





#73
Isopropylbenzene
Concen: 51.830 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19

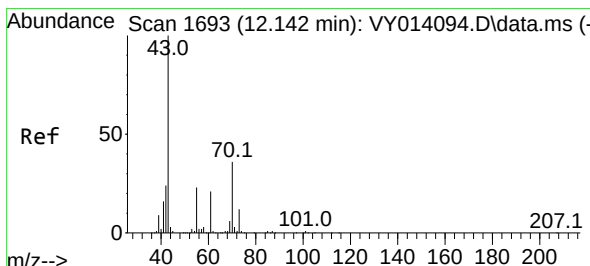
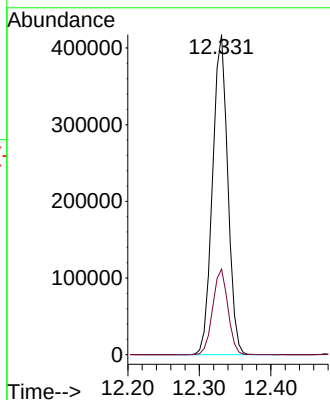
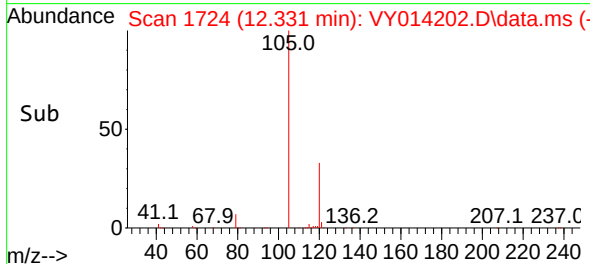
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



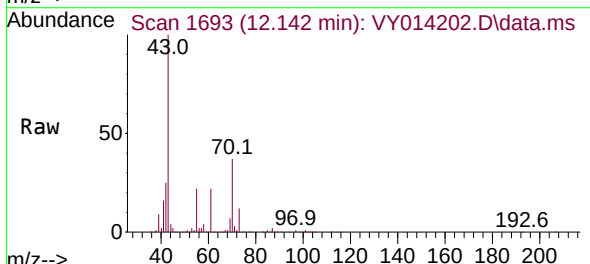
Tgt Ion: 105 Resp: 61679
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9

Manual Integrations
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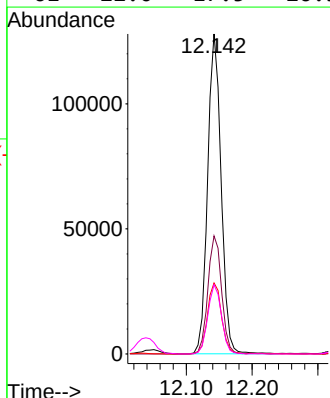
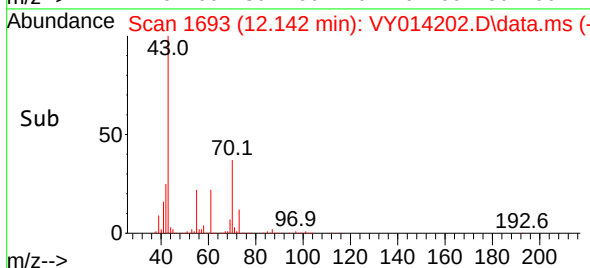
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

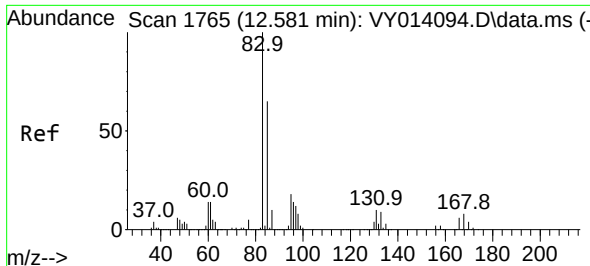


#74
N-ethyl acetate
Concen: 48.303 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19



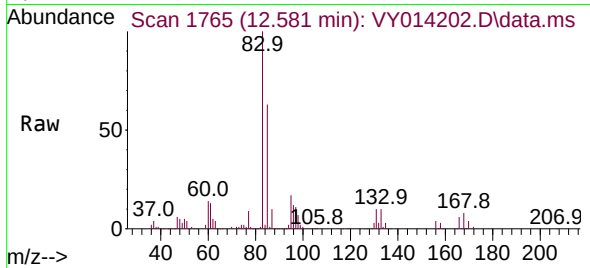
Tgt Ion: 43 Resp: 182158
Ion Ratio Lower Upper
43 100
70 37.6 29.7 44.5
55 23.2 18.3 27.5
61 22.0 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 47.514 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19

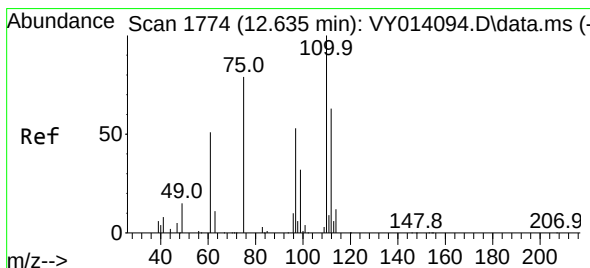
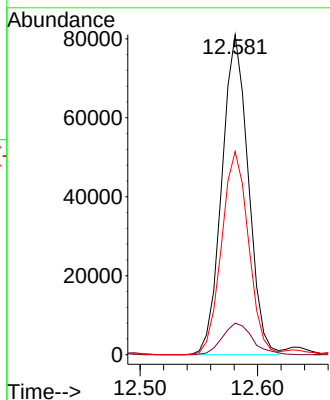
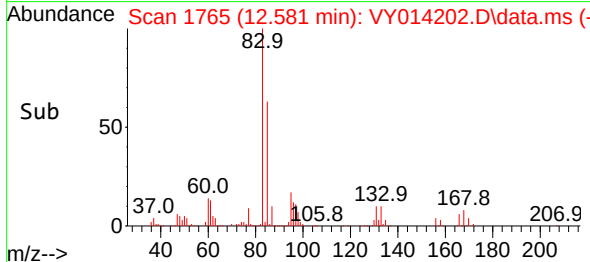
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



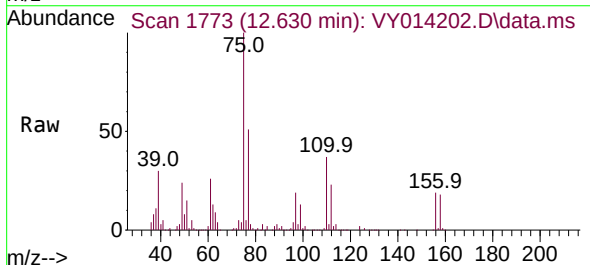
Tgt Ion: 83 Resp: 12634
Ion Ratio Lower Upper
83 100
131 11.2 5.4 16.2
85 64.9 31.8 95.4

Manual Integrations
APPROVED

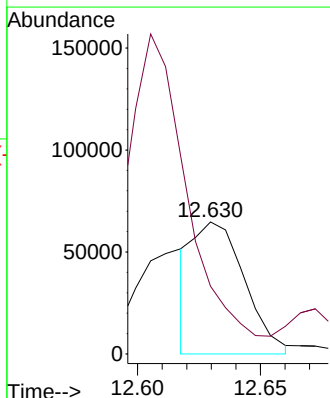
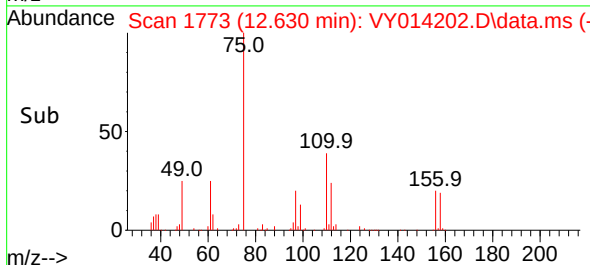
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

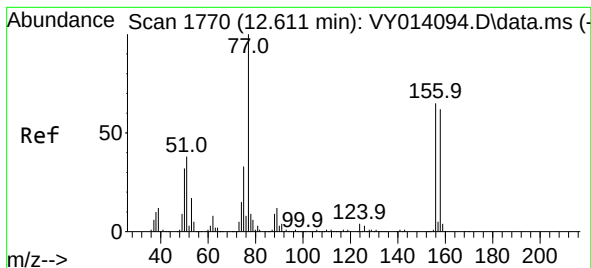


#76
1,2,3-Trichloropropane
Concen: 46.550 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.005 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19



Tgt Ion: 75 Resp: 95270
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.384 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY014202.D

Acq: 16 Jun 2023 14:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 154460

Ion Ratio Lower Upper

156 100

77 180.3 92.8 278.6

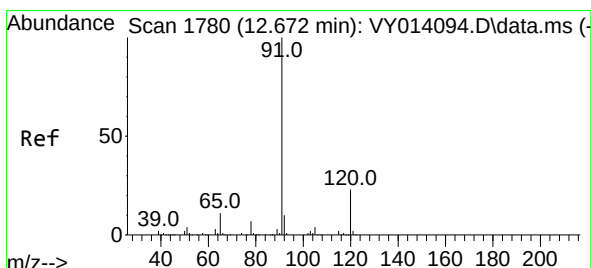
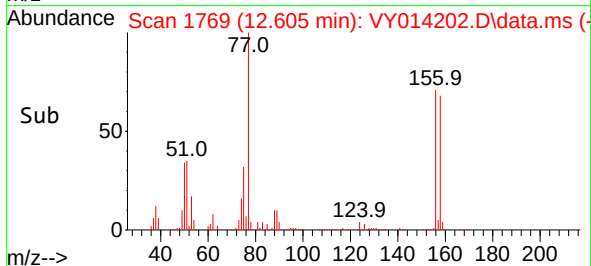
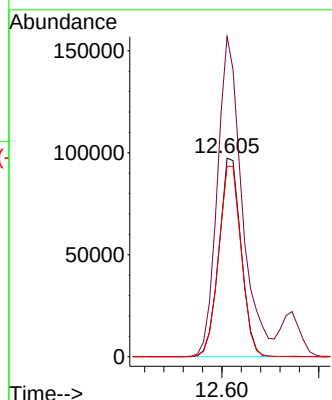
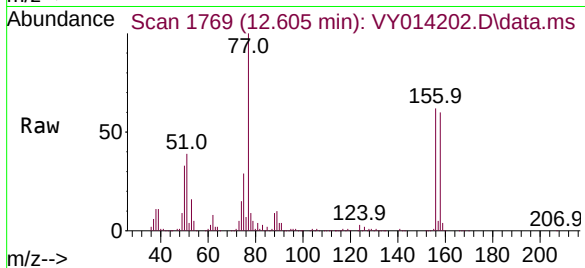
158 97.8 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#78

n-propylbenzene

Concen: 52.341 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY014202.D

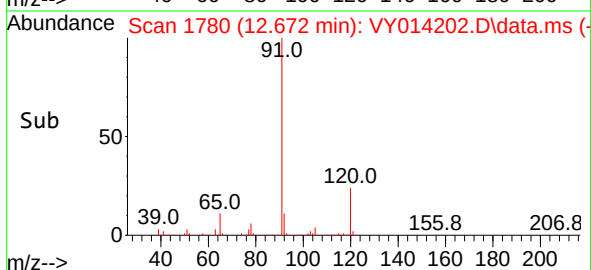
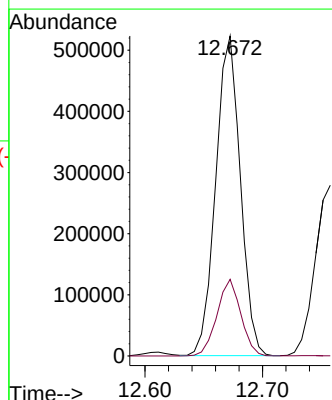
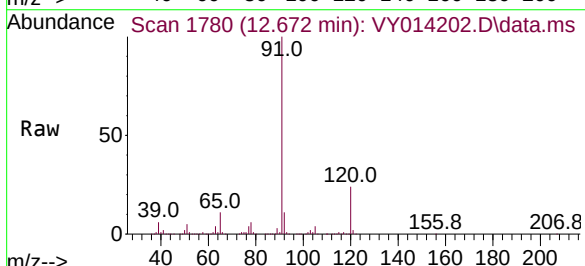
Acq: 16 Jun 2023 14:19

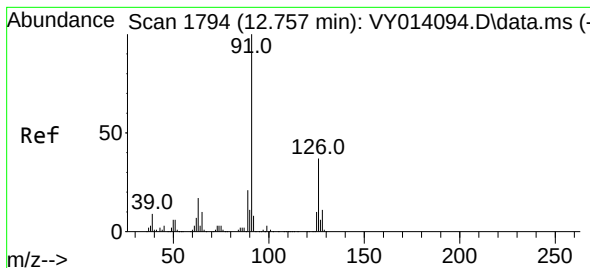
Tgt Ion: 91 Resp: 760782

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.4





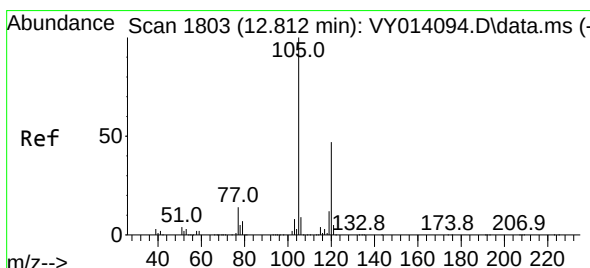
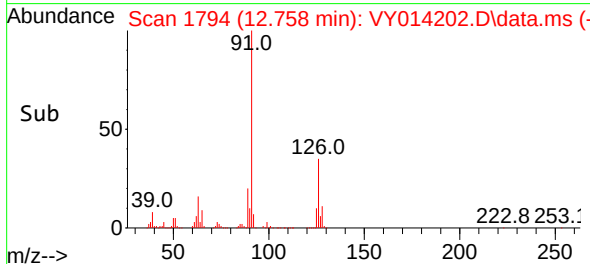
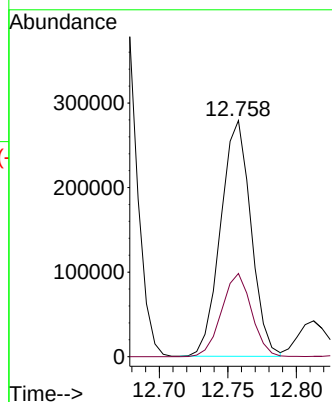
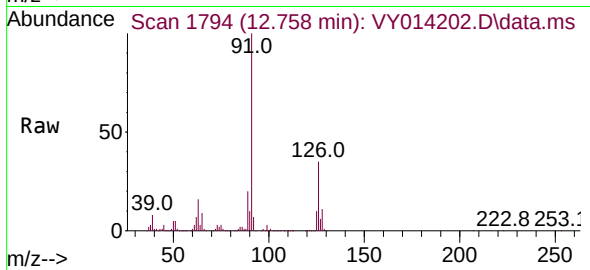
#79
2-Chlorotoluene
Concen: 51.441 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.001 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 430223
Ion Ratio Lower Upper
91 100
126 34.8 17.3 51.7

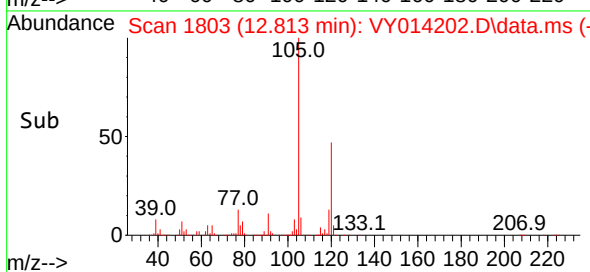
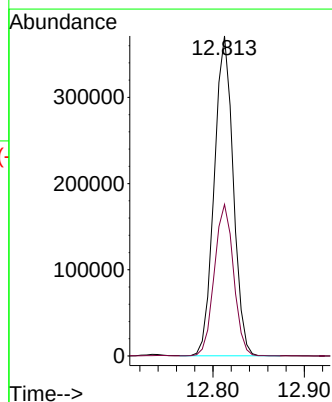
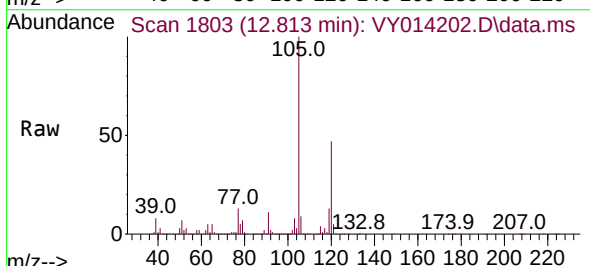
Manual Integrations
APPROVED

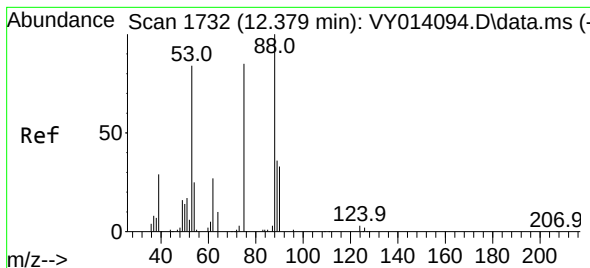
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#80
1,3,5-Trimethylbenzene
Concen: 52.457 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19

Tgt Ion:105 Resp: 534518
Ion Ratio Lower Upper
105 100
120 48.2 23.9 71.7





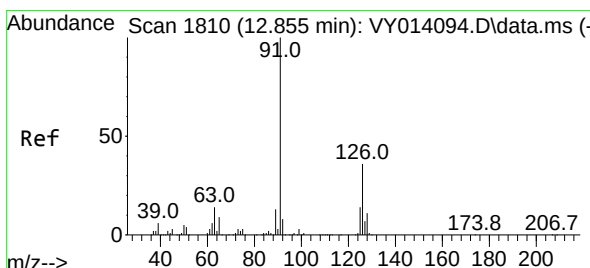
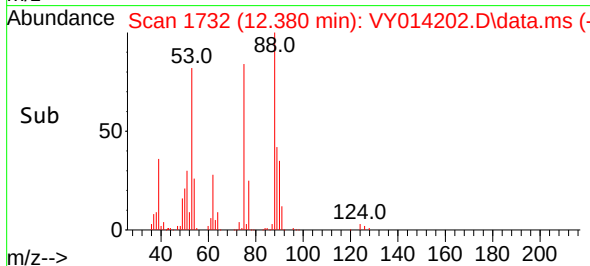
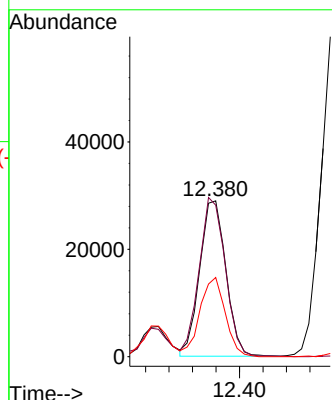
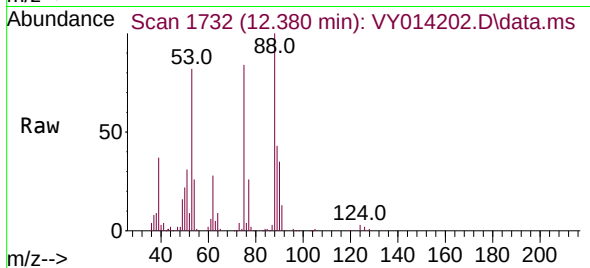
#81
trans-1,4-Dichloro-2-butene
Concen: 47.378 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 44858
Ion Ratio Lower Upper
75 100
53 102.6 77.8 116.8
89 49.4 37.4 56.0

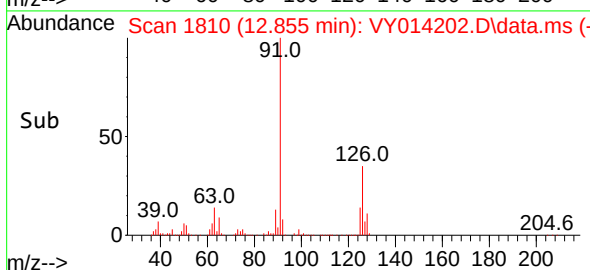
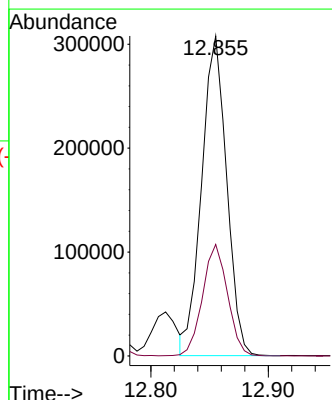
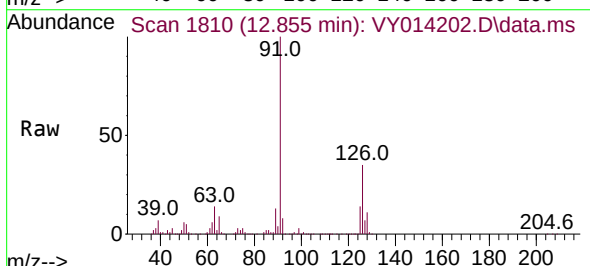
Manual Integrations
APPROVED

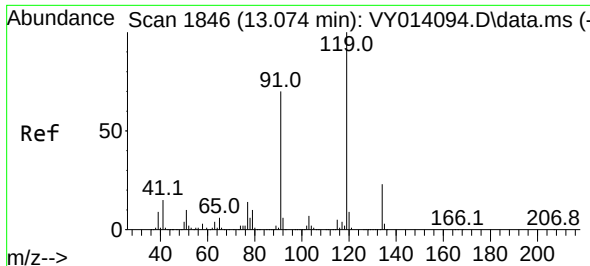
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#82
4-Chlorotoluene
Concen: 51.288 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19

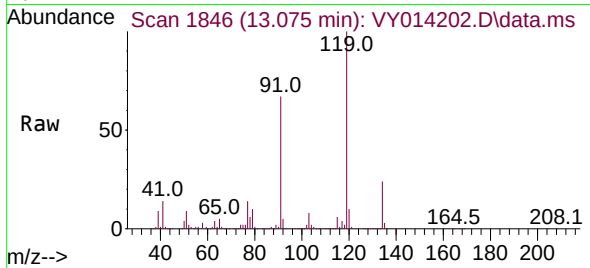
Tgt Ion: 91 Resp: 454558
Ion Ratio Lower Upper
91 100
126 35.0 17.2 51.6





#83
tert-Butylbenzene
Concen: 52.533 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.001 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19

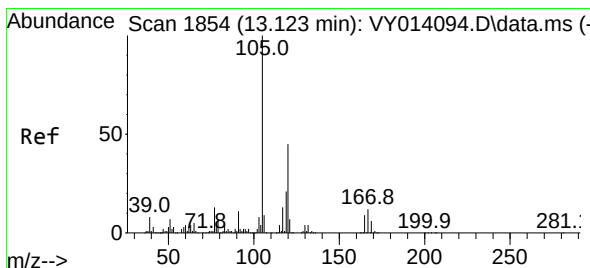
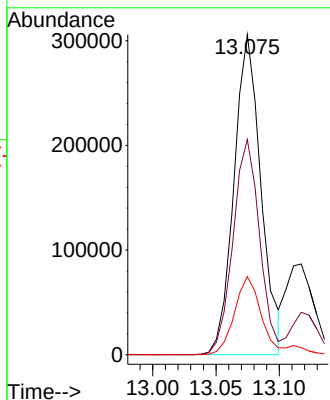
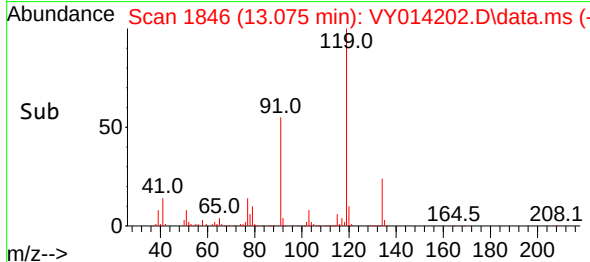
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



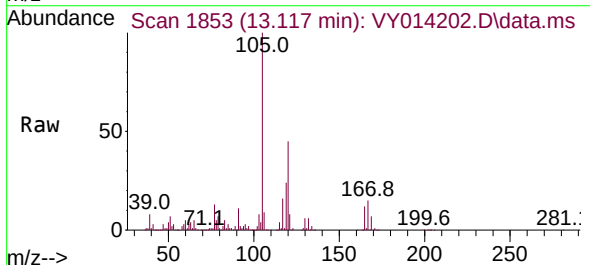
Tgt Ion:119 Resp: 454890
Ion Ratio Lower Upper
119 100
91 66.2 32.9 98.6
134 24.1 13.0 38.9

Manual Integrations
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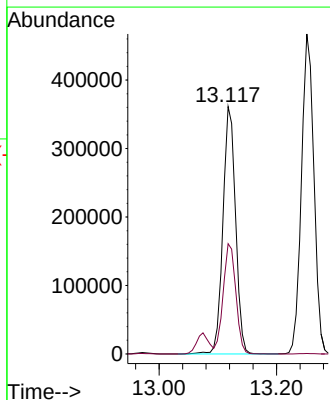
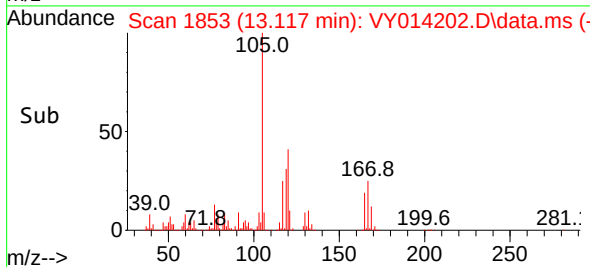
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

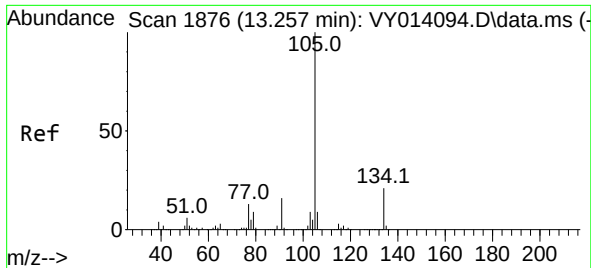


#84
1,2,4-Trimethylbenzene
Concen: 53.449 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19



Tgt Ion:105 Resp: 539114
Ion Ratio Lower Upper
105 100
120 44.7 22.2 66.6





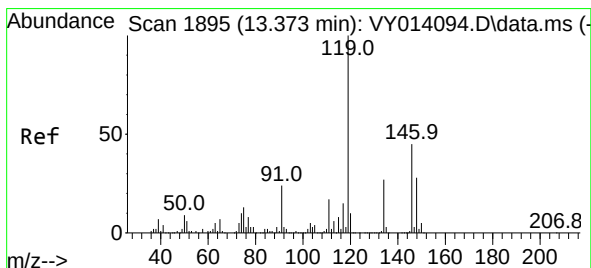
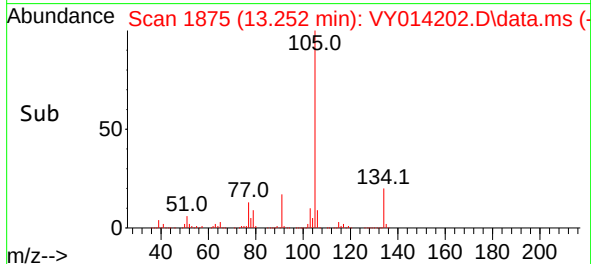
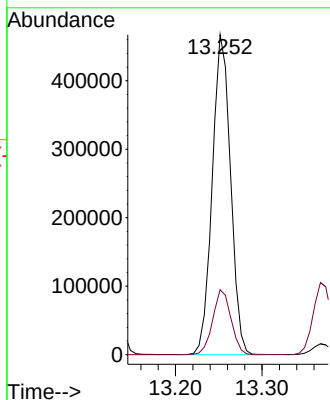
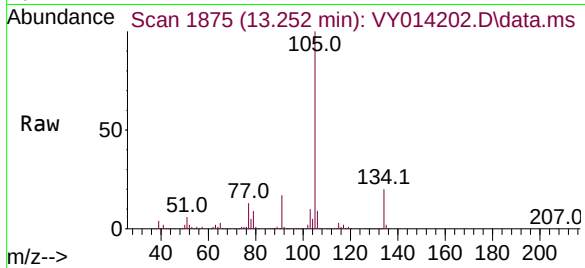
#85
 sec-Butylbenzene
 Concen: 54.413 ug/l
 RT: 13.252 min Scan# 1876
 Delta R.T. -0.005 min
 Lab File: VY014202.D
 Acq: 16 Jun 2023 14:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 685000
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.6

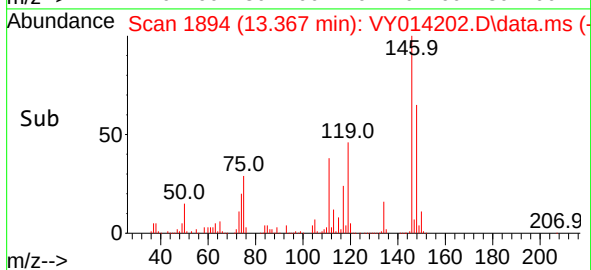
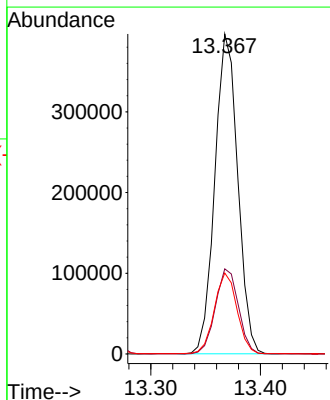
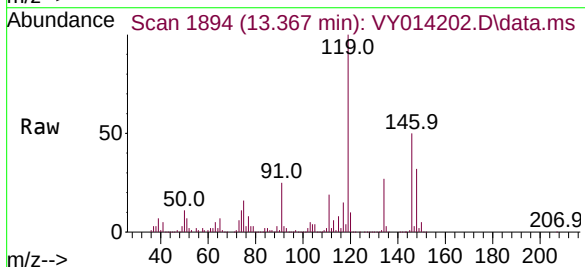
Manual Integrations
 APPROVED

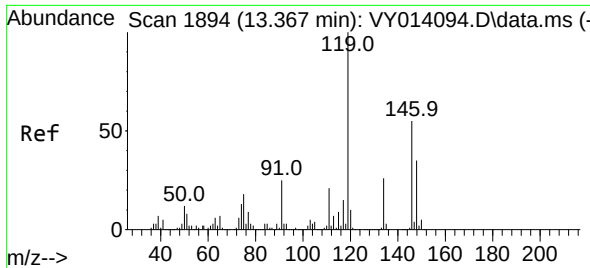
Reviewed By :John Carlone 06/19/2023
 Supervised By :Mahesh Dadoda 06/19/2023



#86
 p-Isopropyltoluene
 Concen: 53.338 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: VY014202.D
 Acq: 16 Jun 2023 14:19

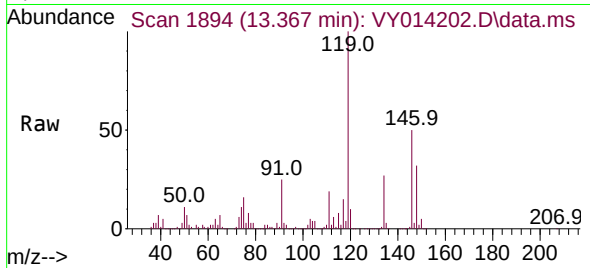
Tgt Ion:119 Resp: 574675
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.8
 91 25.2 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 51.027 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19

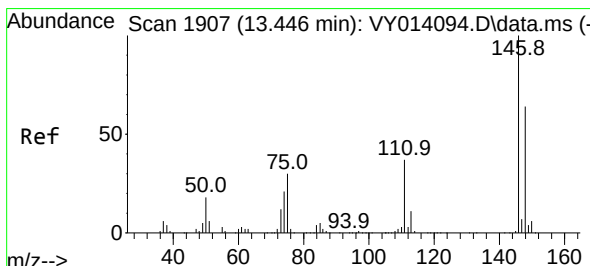
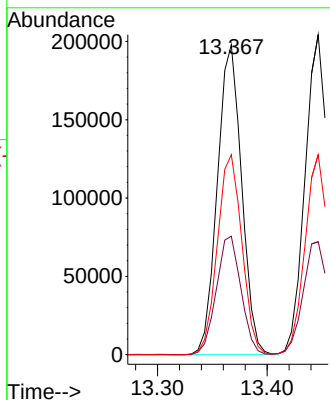
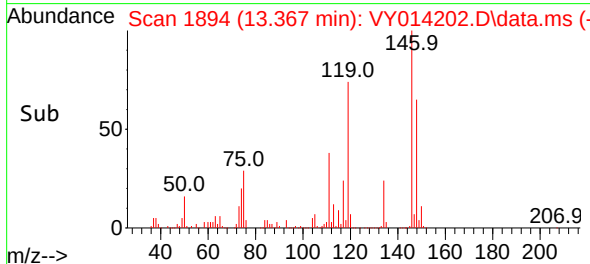
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



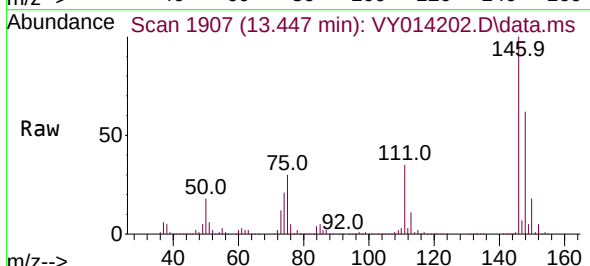
Tgt Ion:146 Resp: 304729
Ion Ratio Lower Upper
146 100
111 38.8 19.4 58.2
148 65.1 31.9 95.5

Manual Integrations
APPROVED

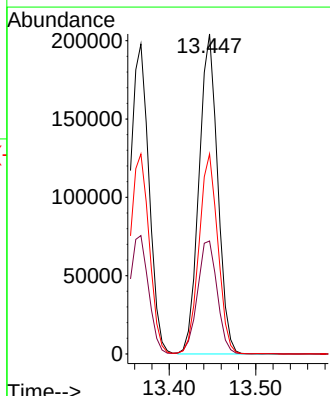
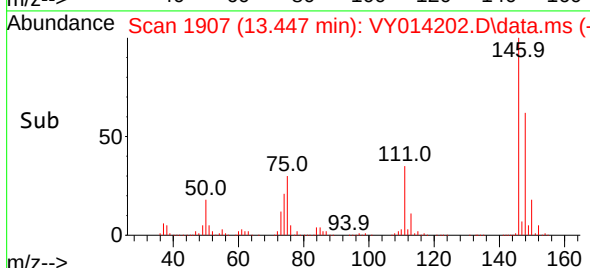
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

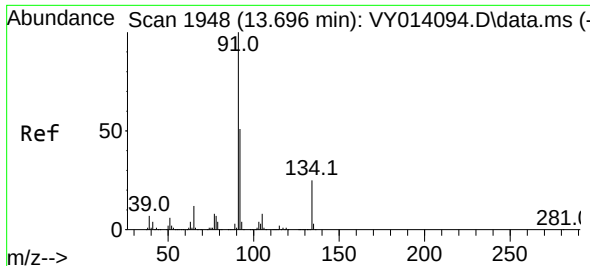


#88
1,4-Dichlorobenzene
Concen: 50.906 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.001 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19



Tgt Ion:146 Resp: 306293
Ion Ratio Lower Upper
146 100
111 37.3 18.9 56.7
148 62.9 32.1 96.5





#89

n-Butylbenzene

Concen: 53.899 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.001 min

Lab File: VY014202.D

Acq: 16 Jun 2023 14:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 53862

Ion Ratio Lower Upper

91 100

92 51.3 25.4 76.0

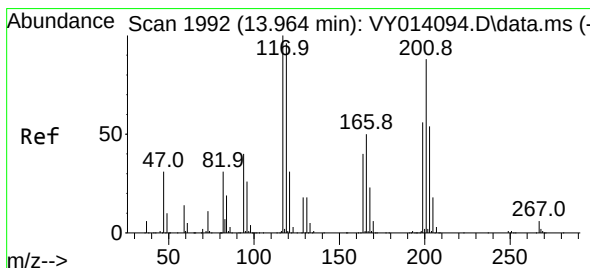
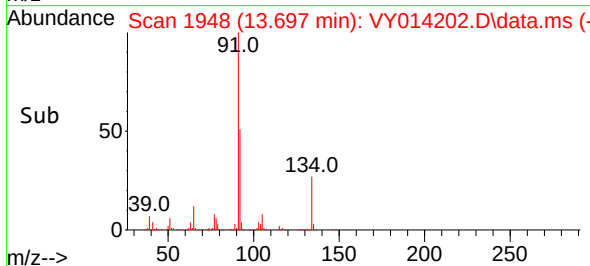
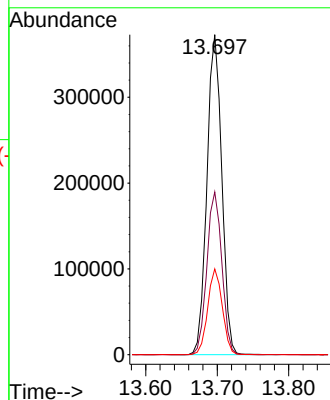
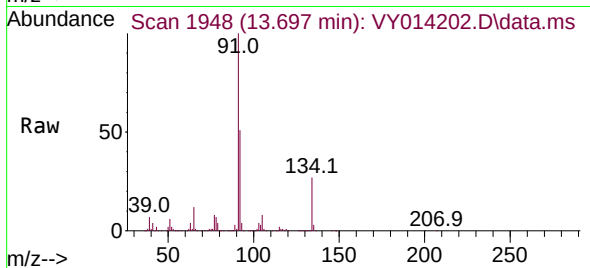
134 26.3 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#90

Hexachloroethane

Concen: 51.828 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.005 min

Lab File: VY014202.D

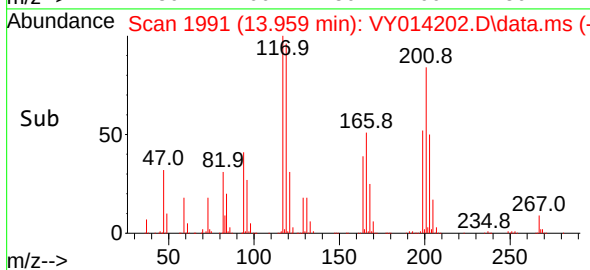
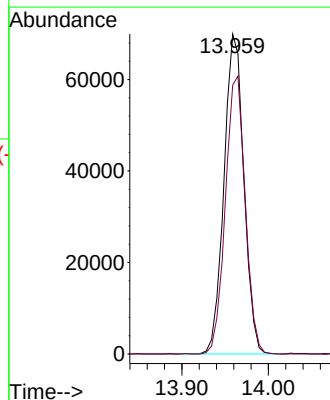
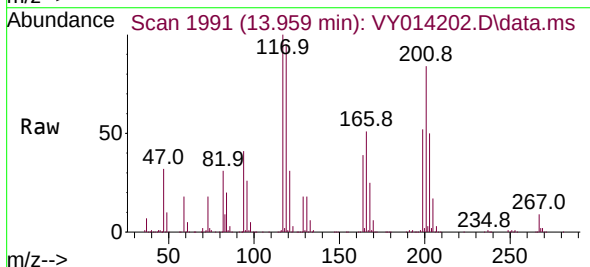
Acq: 16 Jun 2023 14:19

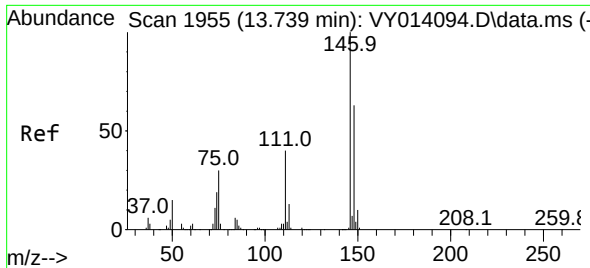
Tgt Ion:117 Resp: 111271

Ion Ratio Lower Upper

117 100

201 87.0 41.6 124.8





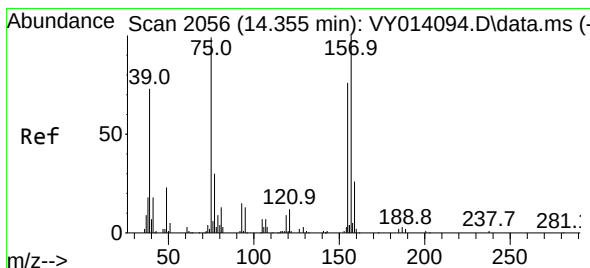
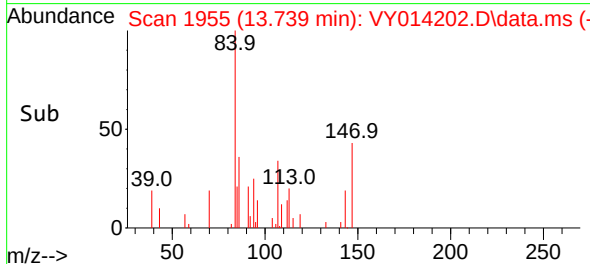
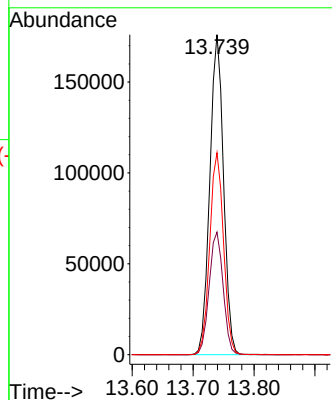
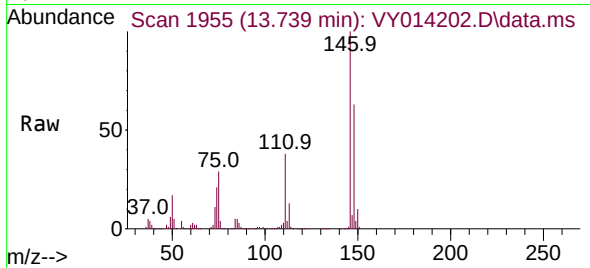
#91
1,2-Dichlorobenzene
Concen: 51.367 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 27550
Ion Ratio Lower Upper
146 100
111 39.1 19.7 59.0
148 63.4 32.0 96.2

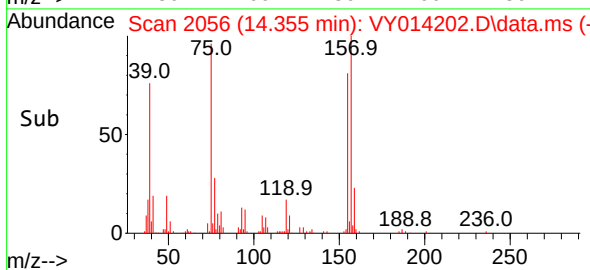
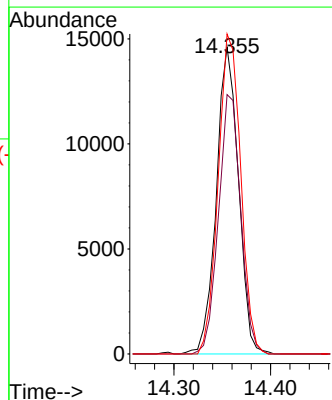
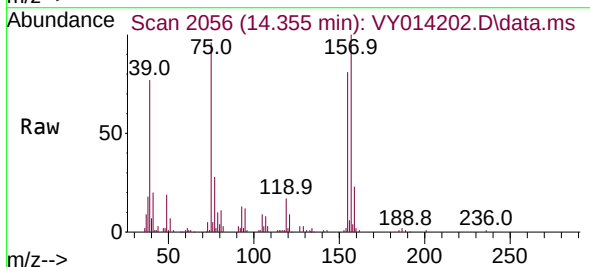
Manual Integrations
APPROVED

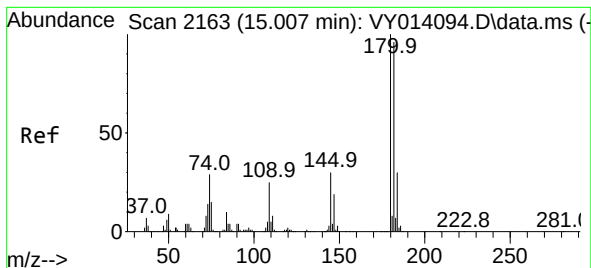
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.828 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19

Tgt Ion: 75 Resp: 23206
Ion Ratio Lower Upper
75 100
155 84.7 41.5 124.6
157 106.1 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 51.158 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014202.D

Acq: 16 Jun 2023 14:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 173820

Ion Ratio Lower Upper

180 100

182 95.8 47.0 141.2

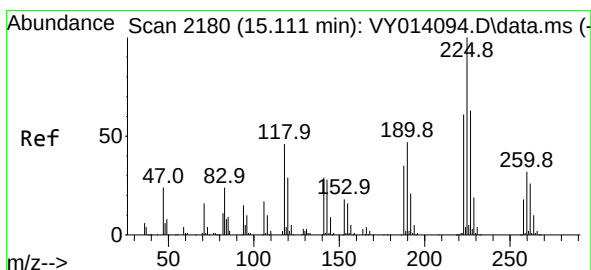
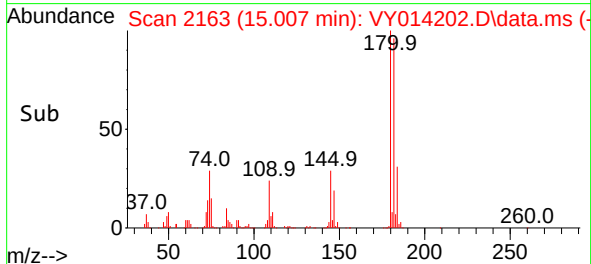
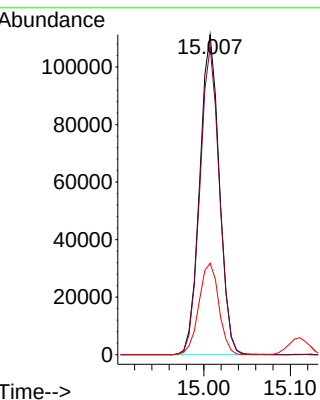
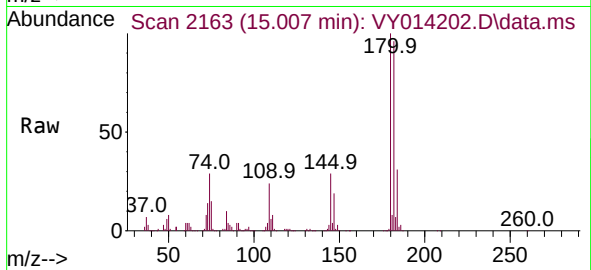
145 29.2 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#94

Hexachlorobutadiene

Concen: 53.654 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014202.D

Acq: 16 Jun 2023 14:19

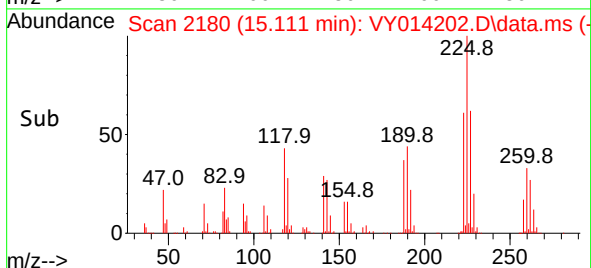
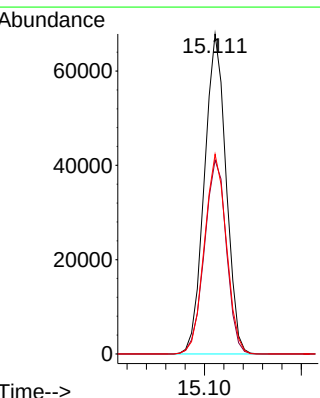
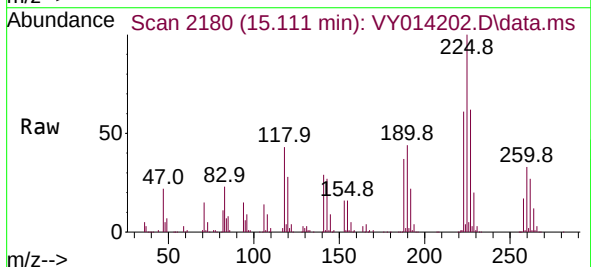
Tgt Ion:225 Resp: 105247

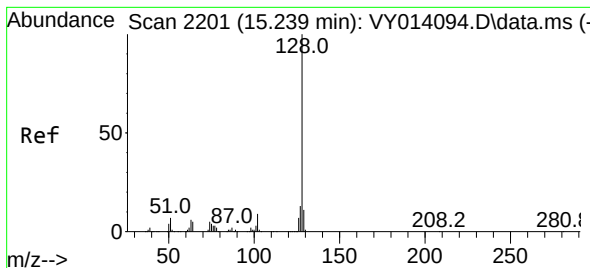
Ion Ratio Lower Upper

225 100

223 61.4 31.9 95.9

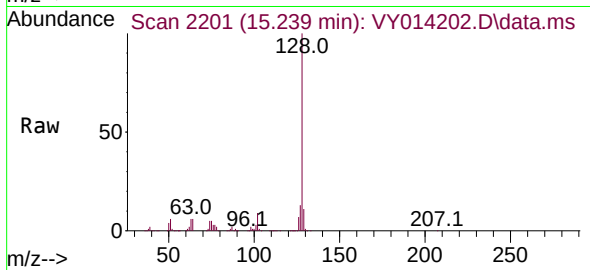
227 63.1 33.0 98.9





#95
Naphthalene
Concen: 49.429 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19

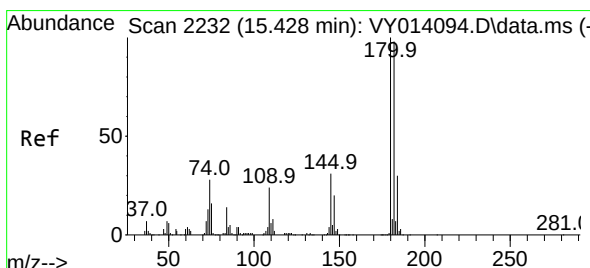
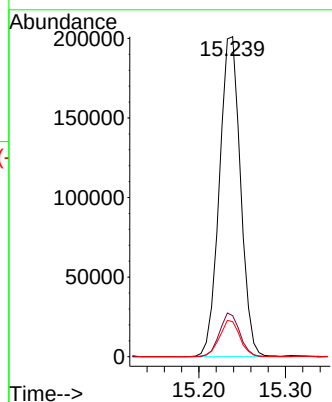
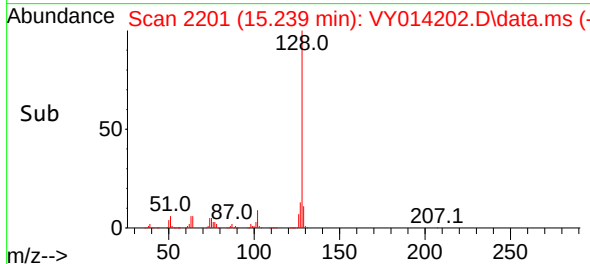
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



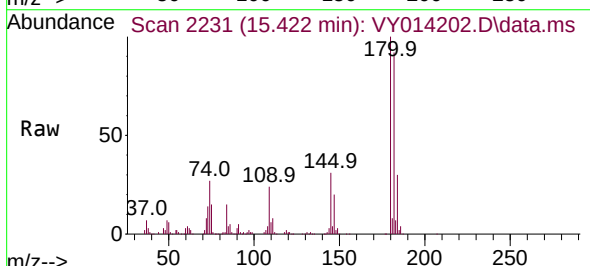
Tgt Ion:128 Resp: 34088
Ion Ratio Lower Upper
128 100
127 13.1 10.8 16.2
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#96
1,2,3-Trichlorobenzene
Concen: 50.221 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY014202.D
Acq: 16 Jun 2023 14:19



Tgt Ion:180 Resp: 154189
Ion Ratio Lower Upper
180 100
182 95.0 47.3 141.8
145 31.4 15.4 46.2

