

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071323\
 Data File : VY014636.D
 Acq On : 13 Jul 2023 18:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Jul 14 04:29:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	298443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	499974	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	447033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	222075	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	176781	51.981	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.960%			
35) Dibromofluoromethane	7.710	113	161178	50.642	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.280%			
50) Toluene-d8	10.173	98	579888	49.420	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.840%			
62) 4-Bromofluorobenzene	12.477	95	222700	49.497	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.000%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	109915	45.205	ug/l	98
3) Chloromethane	2.107	50	136118	49.802	ug/l	96
4) Vinyl Chloride	2.241	62	153062	50.108	ug/l	95
5) Bromomethane	2.631	94	104040	51.539	ug/l	100
6) Chloroethane	2.778	64	98107	51.417	ug/l	97
7) Trichlorofluoromethane	3.113	101	251357	48.995	ug/l	99
8) Diethyl Ether	3.521	74	100044	52.412	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.881	101	152564	48.518	ug/l	95
10) Methyl Iodide	4.076	142	155766	46.884	ug/l	96
11) Tert butyl alcohol	4.942	59	201103	292.297	ug/l #	86
12) 1,1-Dichloroethene	3.857	96	143571	48.852	ug/l	94
13) Acrolein	3.723	56	63234	177.894	ug/l	99
14) Allyl chloride	4.466	41	253322	48.546	ug/l	95
15) Acrylonitrile	5.149	53	309219	293.770	ug/l	99
16) Acetone	3.936	43	265306	246.179	ug/l	93
17) Carbon Disulfide	4.180	76	389421	46.283	ug/l	98
18) Methyl Acetate	4.466	43	251203	60.740	ug/l	94
19) Methyl tert-butyl Ether	5.210	73	511523	53.581	ug/l	100
20) Methylene Chloride	4.704	84	182125	52.208	ug/l	92
21) trans-1,2-Dichloroethene	5.210	96	163888	49.139	ug/l	98
22) Diisopropyl ether	6.112	45	542501	51.136	ug/l #	91
23) Vinyl Acetate	6.051	43	168913	266.180	ug/l	95
24) 1,1-Dichloroethane	6.009	63	305132	50.266	ug/l	97
25) 2-Butanone	6.978	43	446872	283.430	ug/l	95
26) 2,2-Dichloropropane	6.972	77	260516	45.030	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	197430	50.856	ug/l	96
28) Bromochloromethane	7.326	49	134118	51.300	ug/l	95
29) Tetrahydrofuran	7.338	42	292697	301.490	ug/l	93
30) Chloroform	7.496	83	317141	50.664	ug/l	97
31) Cyclohexane	7.777	56	255069	45.181	ug/l	95
32) 1,1,1-Trichloroethane	7.691	97	278972	49.517	ug/l	99
36) 1,1-Dichloropropene	7.911	75	229588	48.236	ug/l	99
37) Ethyl Acetate	7.063	43	188029	57.378	ug/l #	95
38) Carbon Tetrachloride	7.893	117	245864	48.866	ug/l	98
39) Methylcyclohexane	9.179	83	292256	47.131	ug/l	96
40) Benzene	8.155	78	675078	49.870	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	101121m	59.993	ug/l	
42) 1,2-Dichloroethane	8.228	62	221531	51.679	ug/l	94
43) Isopropyl Acetate	8.271	43	344573	55.199	ug/l	96
44) Trichloroethene	8.935	130	186649	49.281	ug/l	99
45) 1,2-Dichloropropane	9.209	63	176463	49.923	ug/l	96
46) Dibromomethane	9.301	93	111579	52.034	ug/l	96
47) Bromodichloromethane	9.490	83	255714	50.596	ug/l	98
48) Methyl methacrylate	9.289	41	155822	55.474	ug/l	92
49) 1,4-Dioxane	9.289	88	43739	1250.918	ug/l #	59
51) 4-Methyl-2-Pentanone	10.063	43	962666	293.716	ug/l	94
52) Toluene	10.240	92	428548	49.474	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	279813	50.615	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	300413	49.971	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	157854	52.847	ug/l	97
56) Ethyl methacrylate	10.502	69	249545	54.717	ug/l	91
57) 1,3-Dichloropropane	10.788	76	271237	52.647	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	568244	267.408	ug/l	95
59) 2-Hexanone	10.825	43	706716	295.677	ug/l	93
60) Dibromochloromethane	10.977	129	193124	52.733	ug/l	100
61) 1,2-Dibromoethane	11.081	107	159042	53.373	ug/l	99
64) Tetrachloroethene	10.715	164	183186	50.951	ug/l	97
65) Chlorobenzene	11.514	112	469411	49.276	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	179447	49.961	ug/l	97
67) Ethyl Benzene	11.587	91	838393	48.745	ug/l	100
68) m/p-Xylenes	11.697	106	643315	97.984	ug/l	97
69) o-Xylene	12.026	106	314657	49.205	ug/l	99
70) Styrene	12.038	104	540969	50.192	ug/l	98
71) Bromoform	12.203	173	131988	54.213	ug/l #	100
73) Isopropylbenzene	12.325	105	825998	47.502	ug/l	99
74) N-amyl acetate	12.142	43	310634	53.339	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.575	83	209414	52.811	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	142420m	50.778	ug/l	
77) Bromobenzene	12.605	156	197538	49.767	ug/l	93
78) n-propylbenzene	12.666	91	993437	47.412	ug/l	99
79) 2-Chlorotoluene	12.751	91	578558	47.938	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	700475	48.236	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	75210	51.919	ug/l	94
82) 4-Chlorotoluene	12.849	91	594943	47.865	ug/l	99
83) tert-Butylbenzene	13.068	119	618860	48.041	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	693575	48.666	ug/l	99
85) sec-Butylbenzene	13.251	105	911374	48.229	ug/l	100
86) p-Isopropyltoluene	13.367	119	748338	48.503	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	382855	49.560	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	385397	49.785	ug/l	98
89) n-Butylbenzene	13.690	91	717146	47.776	ug/l	96
90) Hexachloroethane	13.959	117	153365	48.394	ug/l	89
91) 1,2-Dichlorobenzene	13.733	146	356919	50.429	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	42903	56.575	ug/l	92
93) 1,2,4-Trichlorobenzene	15.001	180	227612	50.660	ug/l	98
94) Hexachlorobutadiene	15.111	225	120515	48.811	ug/l	99
95) Naphthalene	15.233	128	580414	55.450	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	208152	52.129	ug/l	98

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

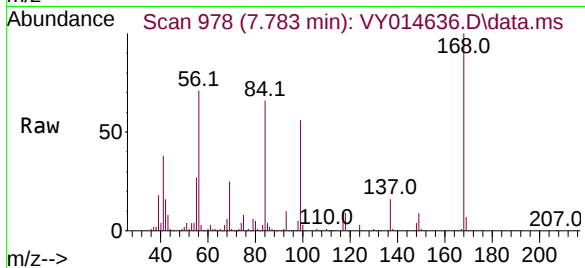
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014636.D
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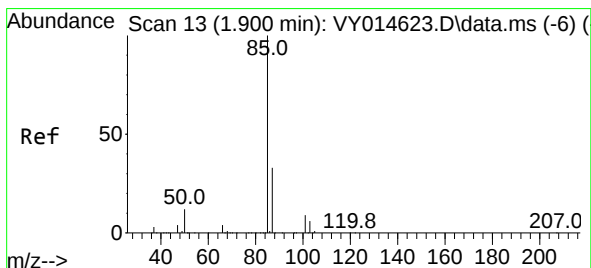
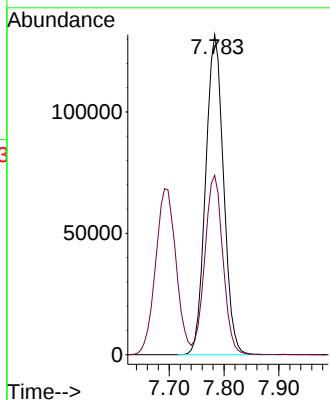
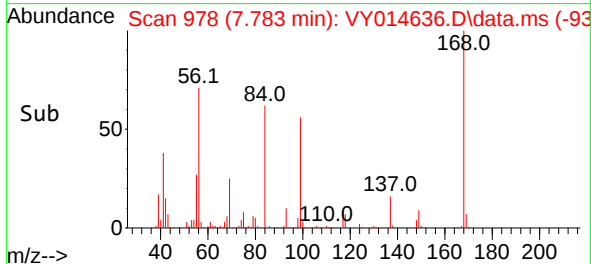
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 29844
Ion Ratio Lower Upper
168 100
99 56.0 43.4 65.0

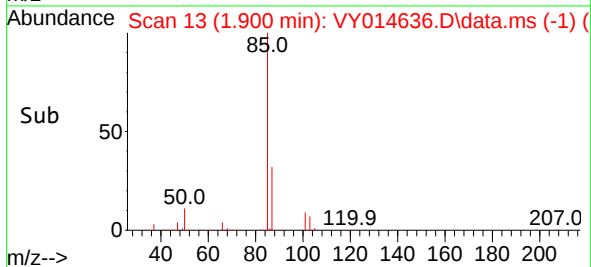
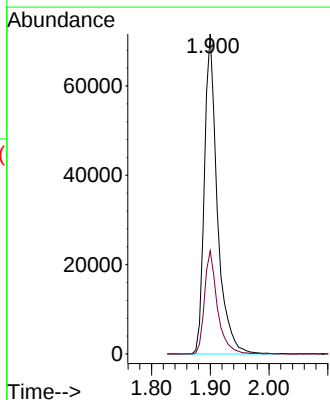
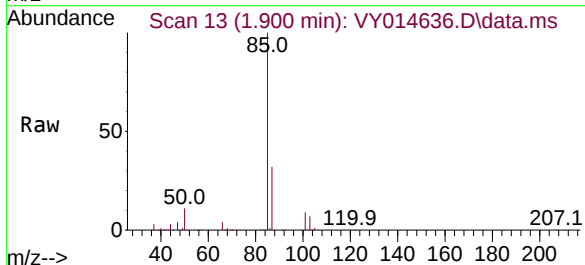
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#2
Dichlorodifluoromethane
Concen: 45.205 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47

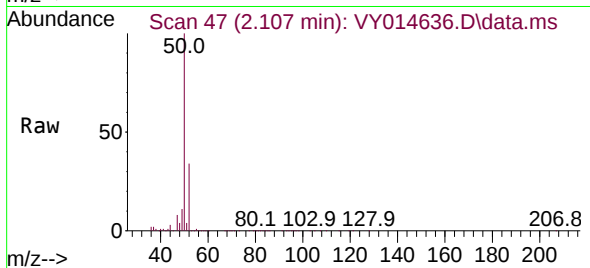
Tgt Ion: 85 Resp: 109915
Ion Ratio Lower Upper
85 100
87 32.3 15.6 46.8





#3
Chloromethane
Concen: 49.802 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47

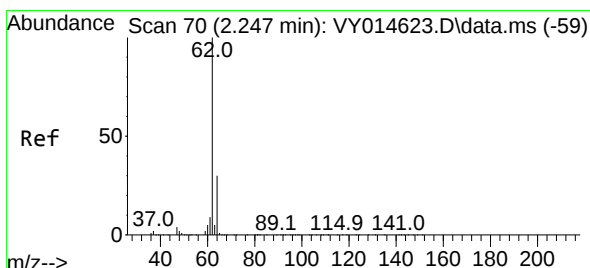
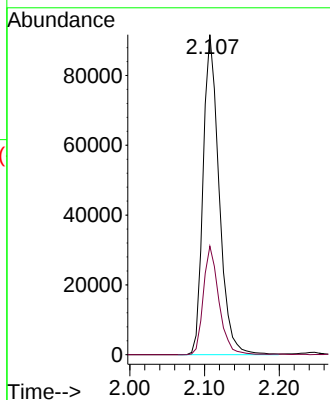
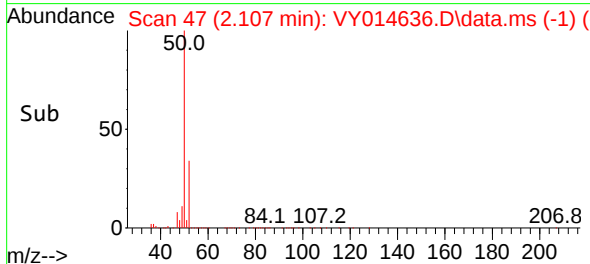
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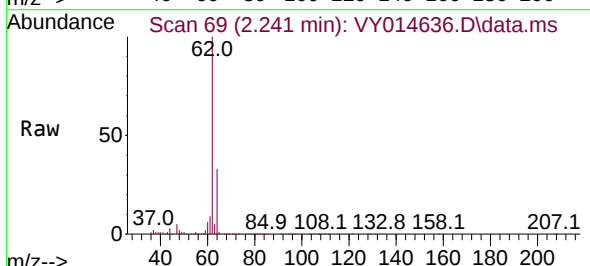
Tgt Ion: 50 Resp: 136118
Ion Ratio Lower Upper
50 100
52 33.9 25.4 38.2

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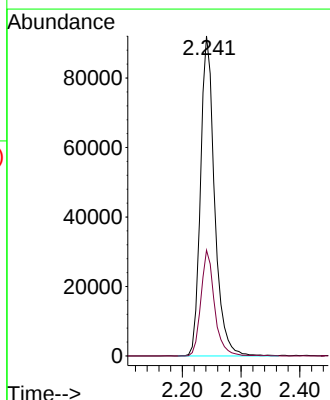
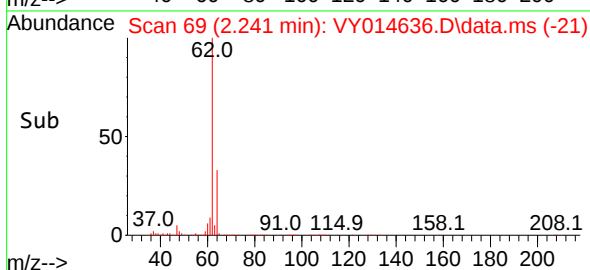
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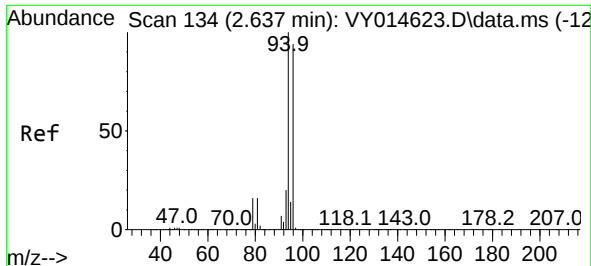


#4
Vinyl Chloride
Concen: 50.108 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.006 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47



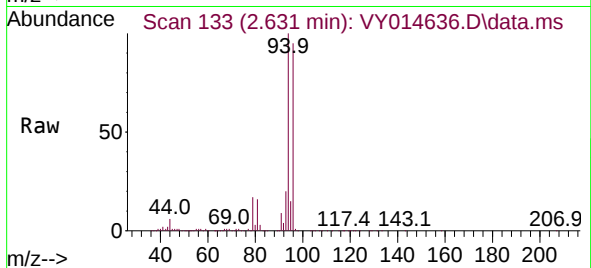
Tgt Ion: 62 Resp: 153062
Ion Ratio Lower Upper
62 100
64 33.1 24.3 36.5





#5
Bromomethane
Concen: 51.539 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47

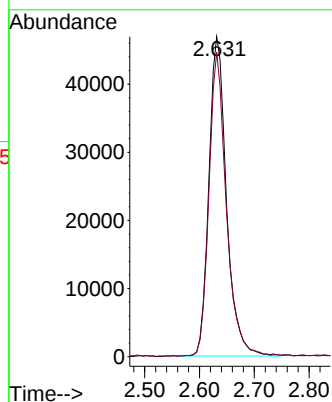
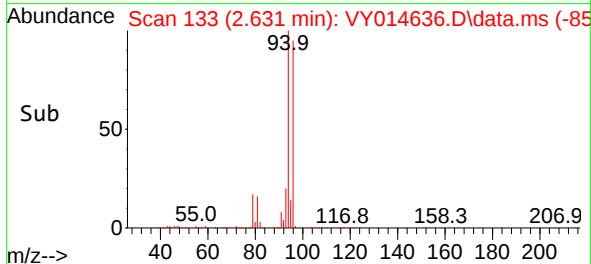
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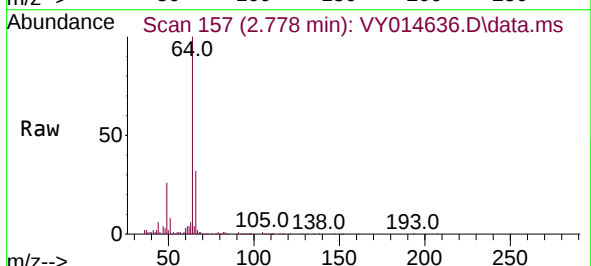
Tgt Ion: 94 Resp: 104040
Ion Ratio Lower Upper
94 100
96 95.1 75.8 113.6

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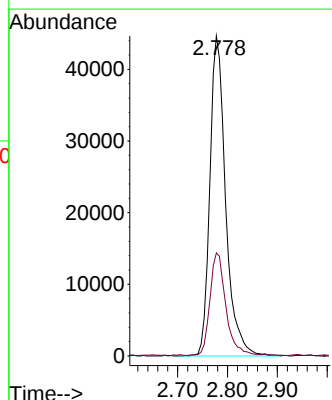
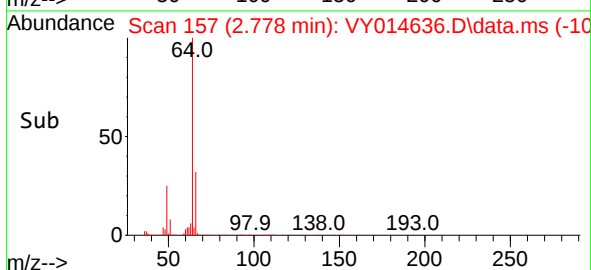
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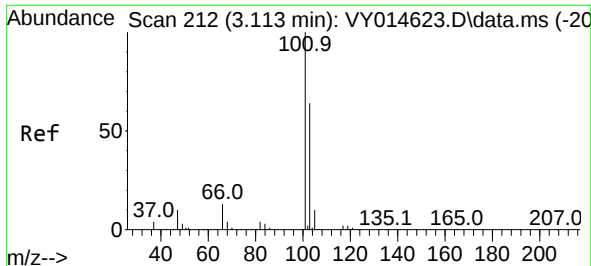


#6
Chloroethane
Concen: 51.417 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47



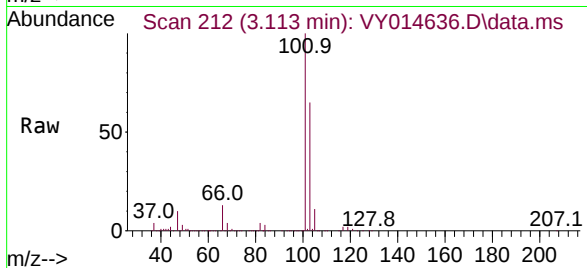
Tgt Ion: 64 Resp: 98107
Ion Ratio Lower Upper
64 100
66 31.9 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 48.995 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VY014636.D
 Acq: 13 Jul 2023 18:47

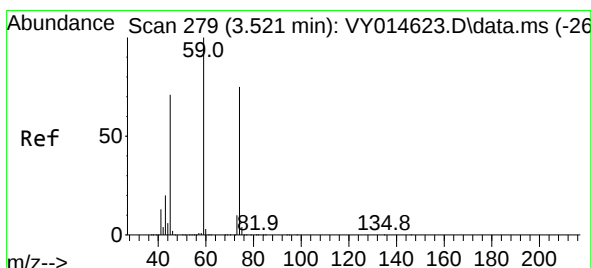
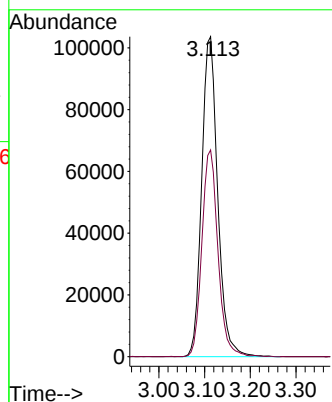
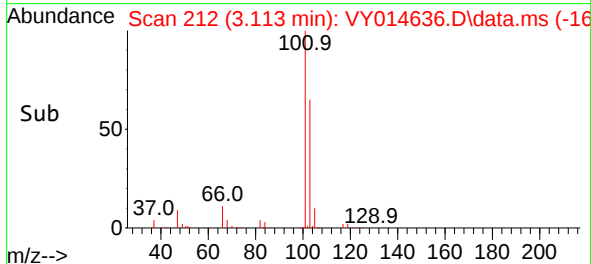
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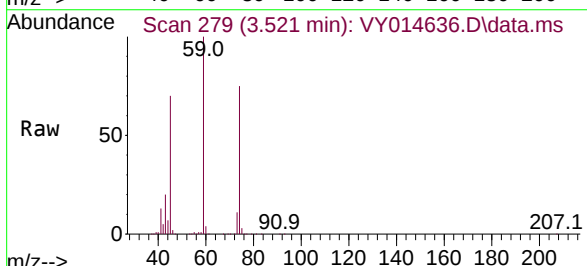
Tgt Ion:101 Resp: 25135
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.4 77.0

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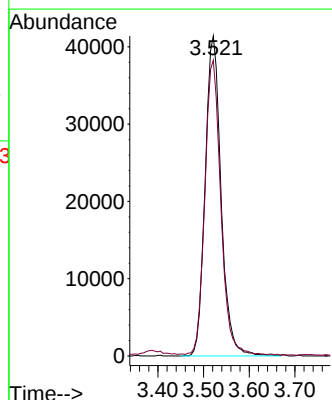
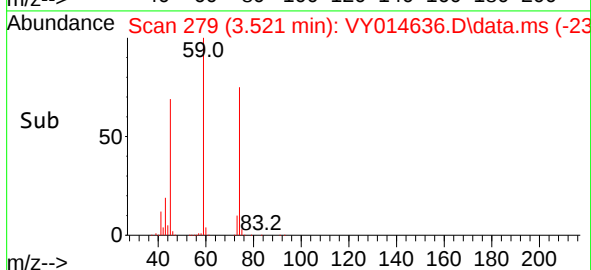
Reviewed By :John Carlone 07/14/2023
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#8
 Diethyl Ether
 Concen: 52.412 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VY014636.D
 Acq: 13 Jul 2023 18:47



Tgt Ion: 74 Resp: 100044
 Ion Ratio Lower Upper
 74 100
 45 91.9 51.5 154.5





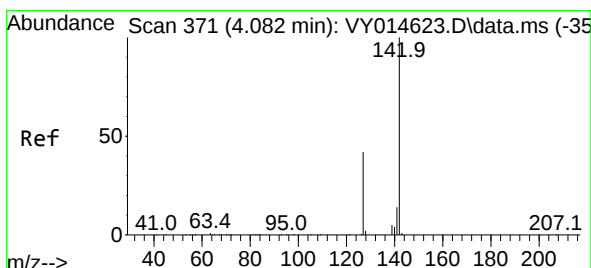
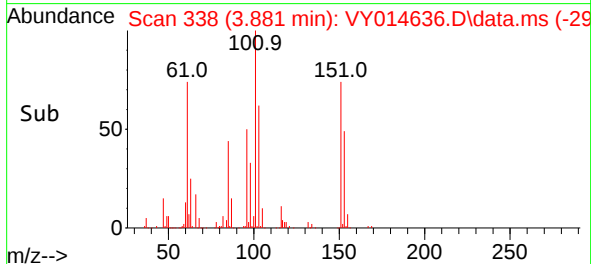
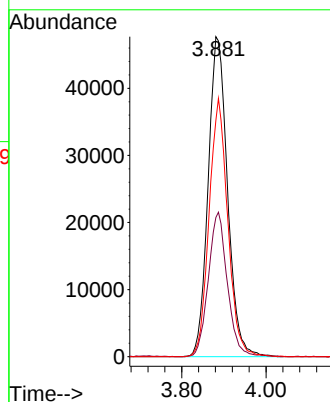
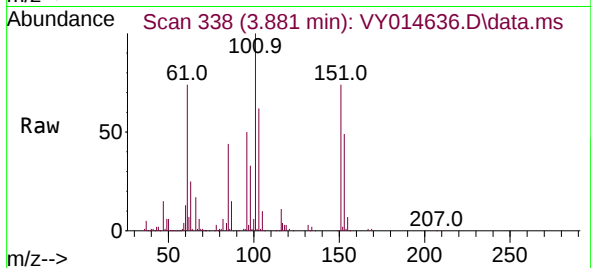
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.518 ug/l
RT: 3.881 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY014636.D
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Tgt Ion:101 Resp: 152564
Ion Ratio Lower Upper
101 100
85 44.3 36.6 55.0
151 77.9 67.0 100.6

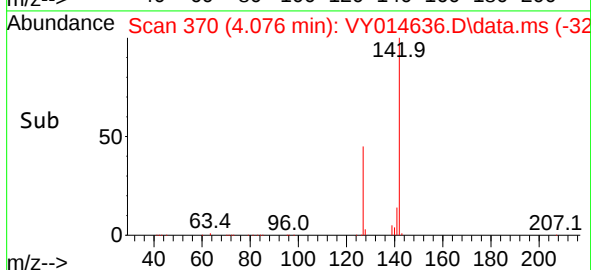
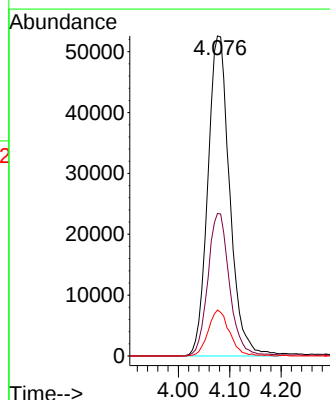
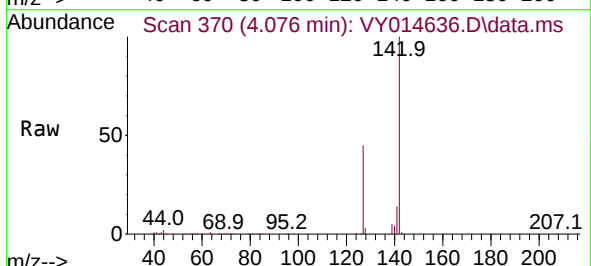
Manual Integrations
APPROVED

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



#10
Methyl Iodide
Concen: 46.884 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47

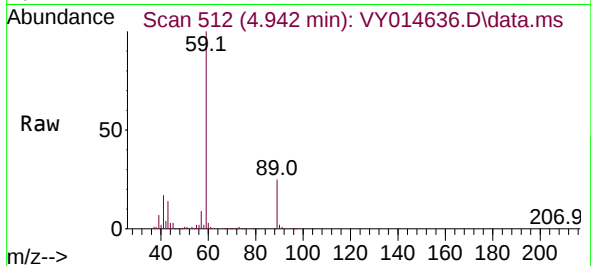
Tgt Ion:142 Resp: 155766
Ion Ratio Lower Upper
142 100
127 44.2 37.6 56.4
141 14.0 11.8 17.8





#11
Tert butyl alcohol
Concen: 292.297 ug/l
RT: 4.942 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47

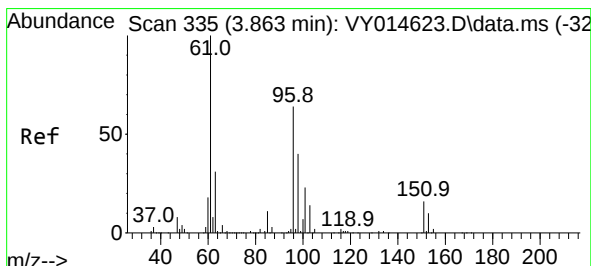
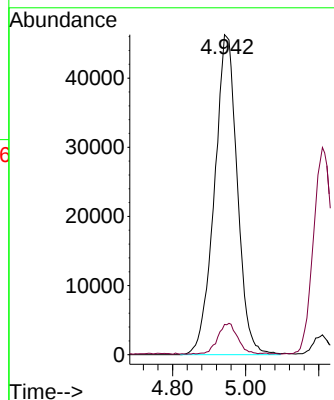
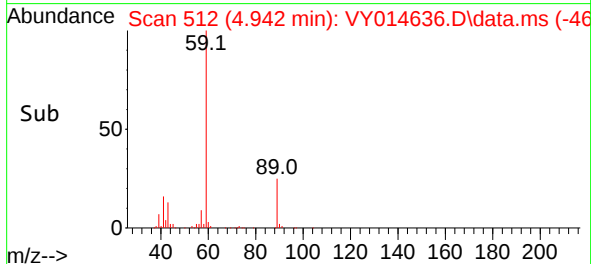
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 20110
Ion Ratio Lower Upper
59 100
57 8.4 3.0 4.4

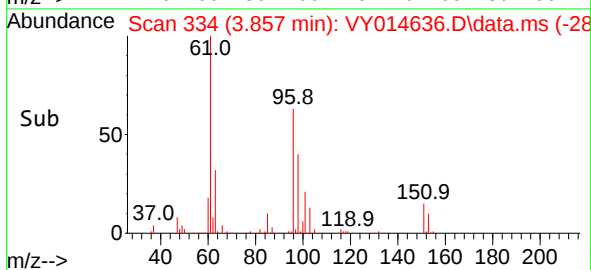
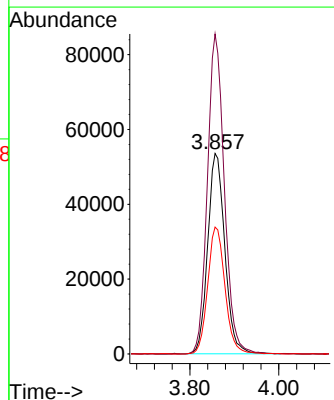
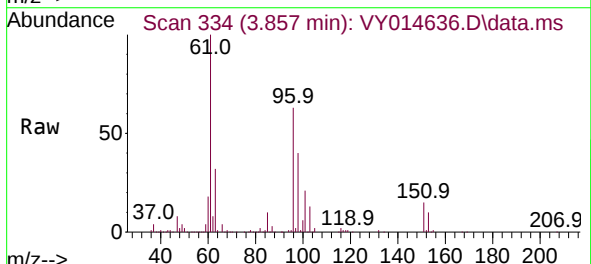
Manual Integrations
APPROVED

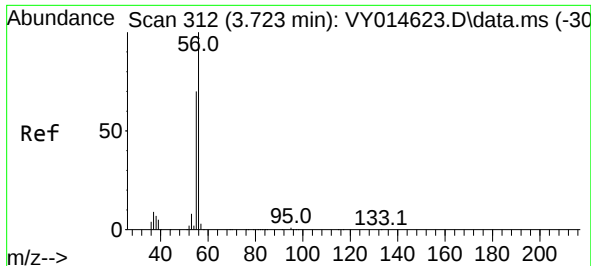
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#12
1,1-Dichloroethene
Concen: 48.852 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47

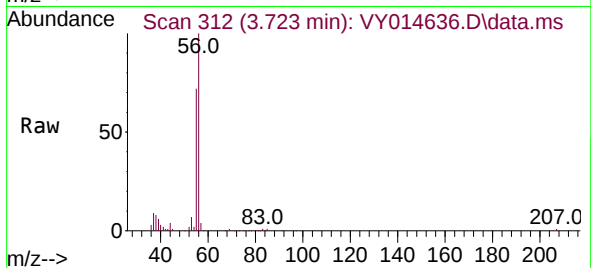
Tgt Ion: 96 Resp: 143571
Ion Ratio Lower Upper
96 100
61 159.8 136.4 204.6
98 63.3 49.4 74.2





#13
Acrolein
Concen: 177.894 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47

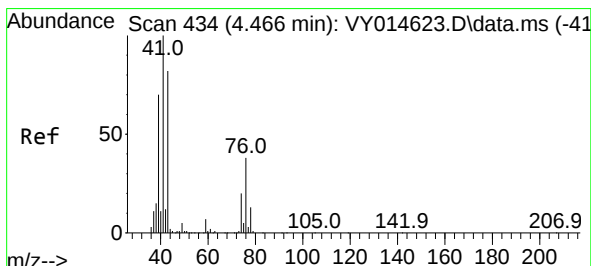
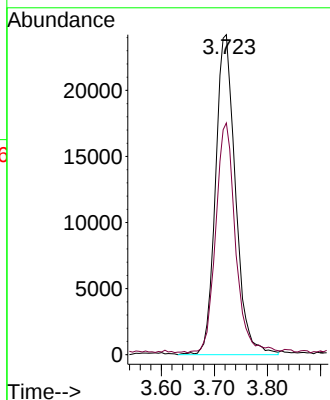
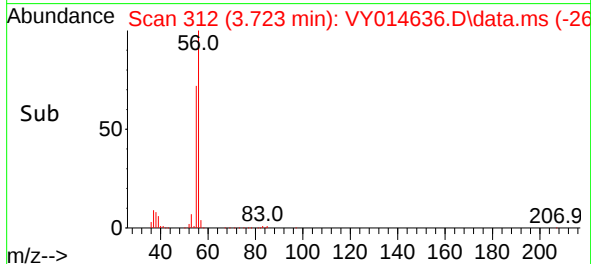
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 63234
Ion Ratio Lower Upper
56 100
55 70.3 57.0 85.4

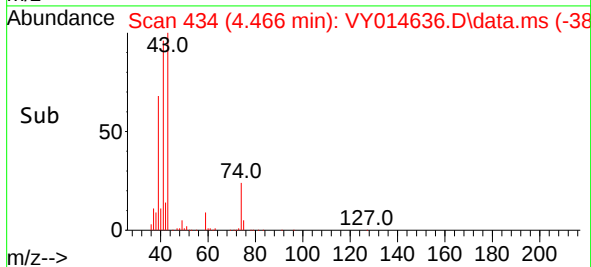
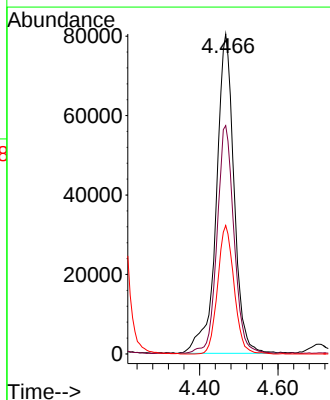
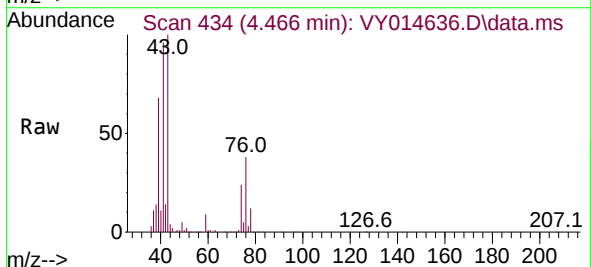
Manual Integrations
APPROVED

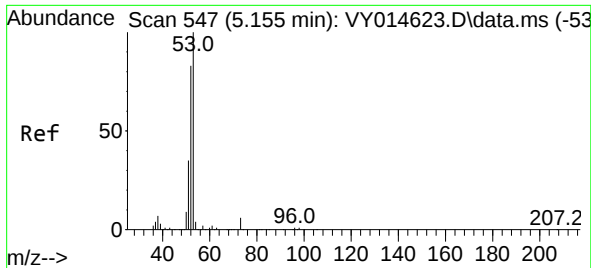
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#14
Allyl chloride
Concen: 48.546 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47

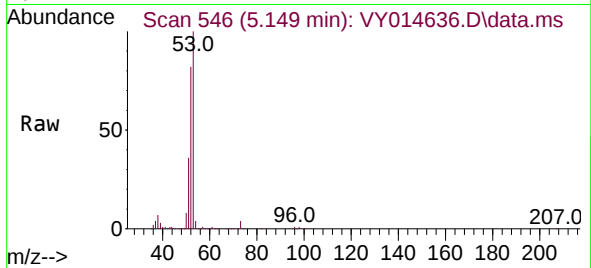
Tgt Ion: 41 Resp: 253322
Ion Ratio Lower Upper
41 100
39 68.3 58.0 87.0
76 37.3 27.4 41.2





#15
Acrylonitrile
Concen: 293.770 ug/l
RT: 5.149 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47

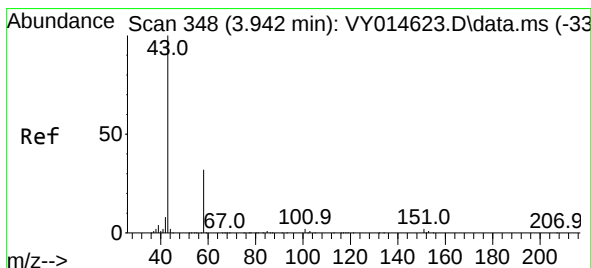
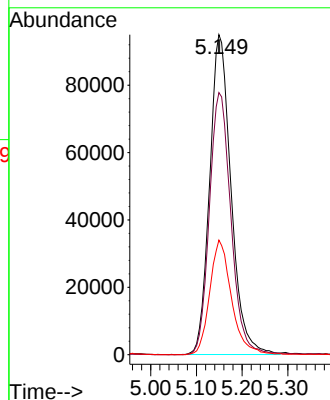
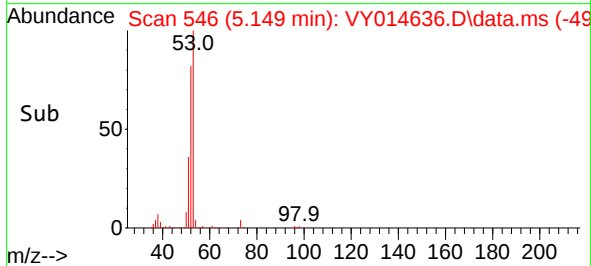
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



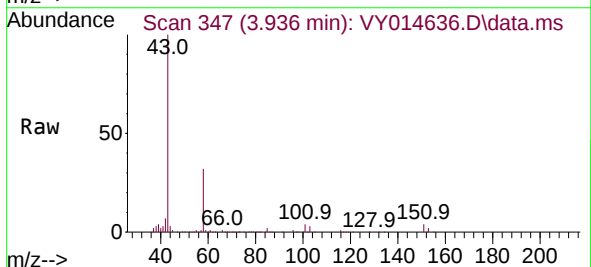
Tgt Ion: 53 Resp: 309219
Ion Ratio Lower Upper
53 100
52 82.5 66.9 100.3
51 36.5 29.8 44.6

Manual Integrations
APPROVED

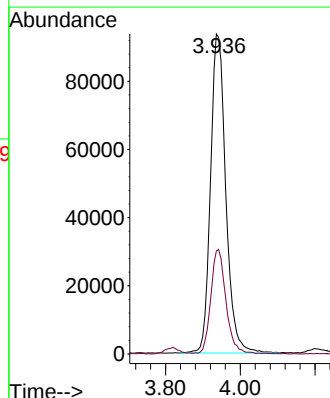
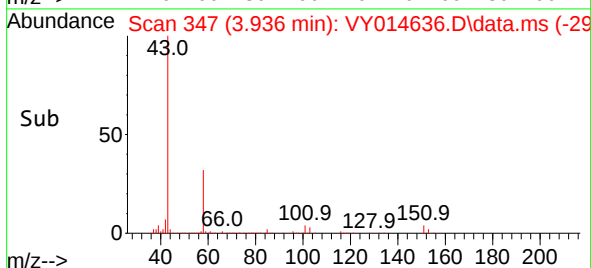
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

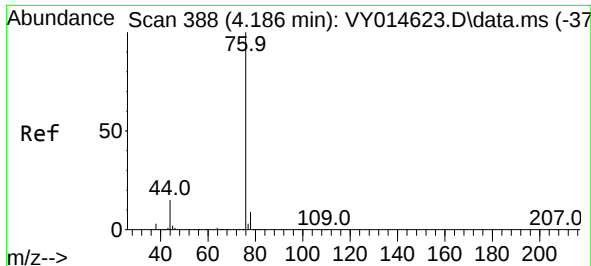


#16
Acetone
Concen: 246.179 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47



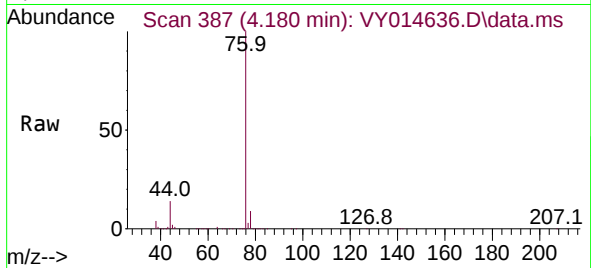
Tgt Ion: 43 Resp: 265306
Ion Ratio Lower Upper
43 100
58 32.2 22.7 34.1





#17
Carbon Disulfide
Concen: 46.283 ug/l
RT: 4.180 min Scan# 388
Delta R.T. -0.006 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47

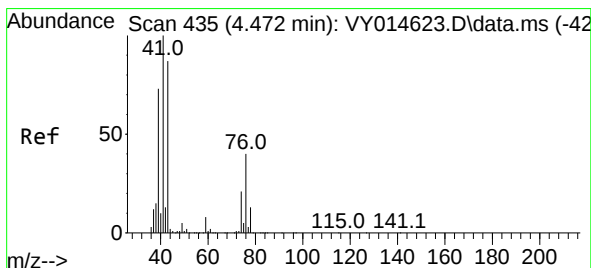
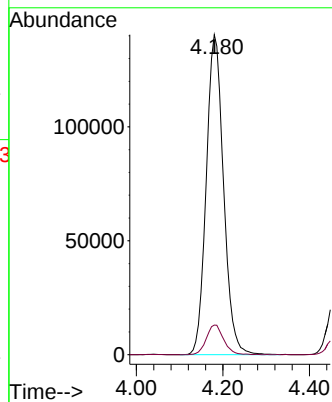
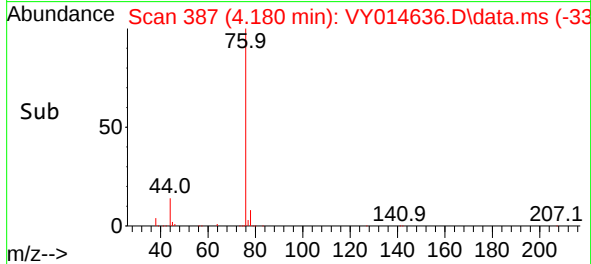
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 38942
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4

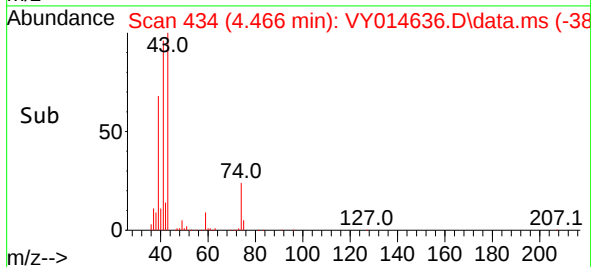
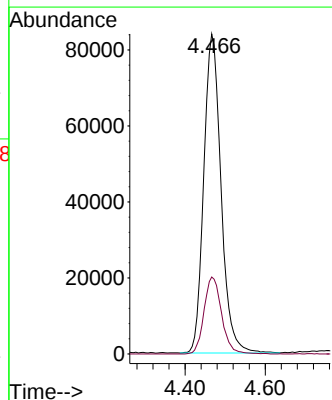
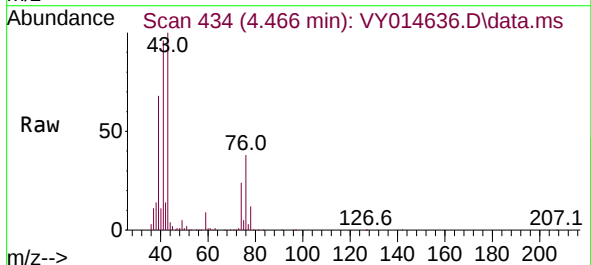
Manual Integrations
APPROVED

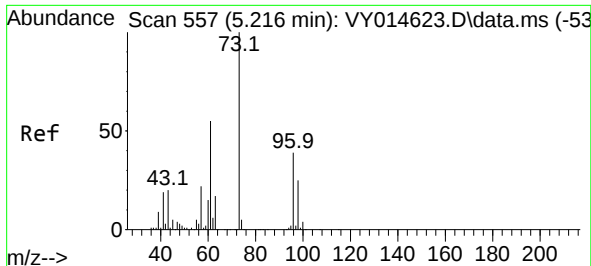
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#18
Methyl Acetate
Concen: 60.740 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47

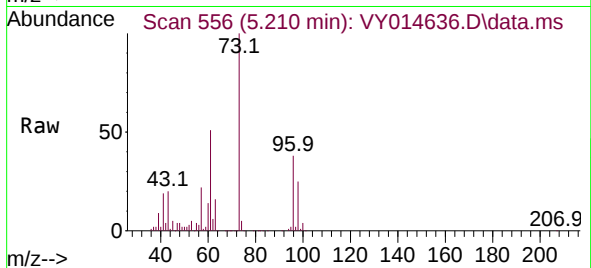
Tgt Ion: 43 Resp: 251203
Ion Ratio Lower Upper
43 100
74 24.5 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 53.581 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47

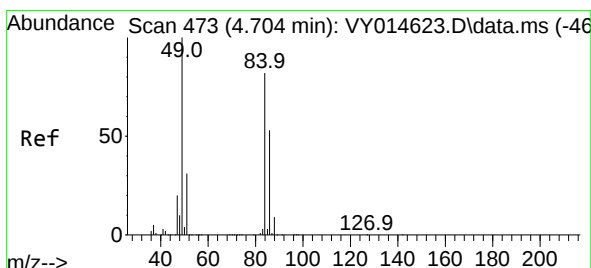
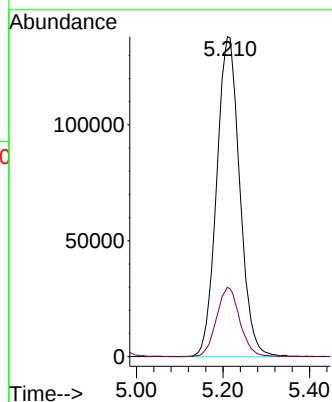
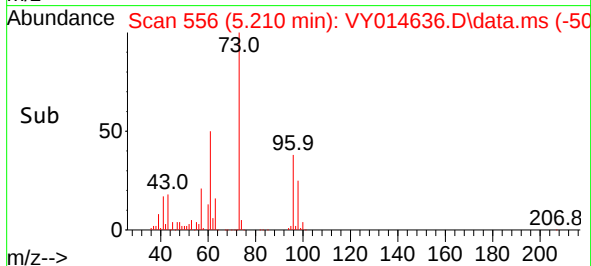
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 51152
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9

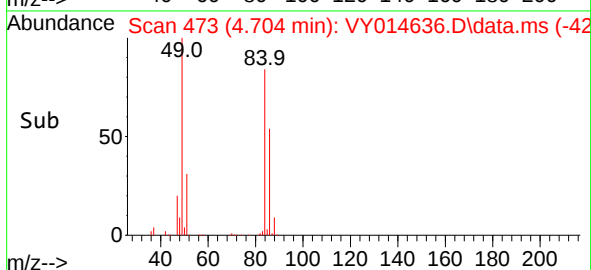
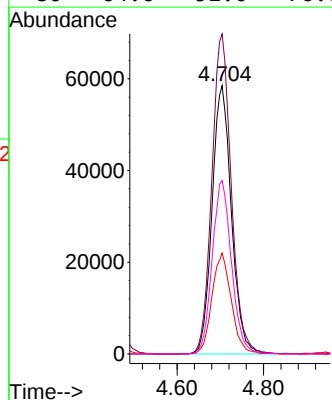
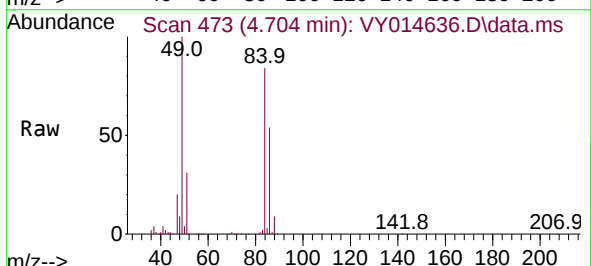
Manual Integrations
APPROVED

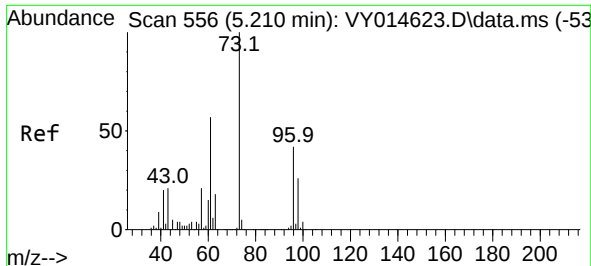
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#20
Methylene Chloride
Concen: 52.208 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47

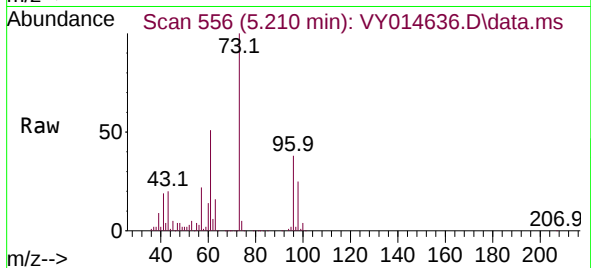
Tgt Ion: 84 Resp: 182125
Ion Ratio Lower Upper
84 100
49 119.2 106.9 160.3
51 37.6 33.2 49.8
86 64.6 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 49.139 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47

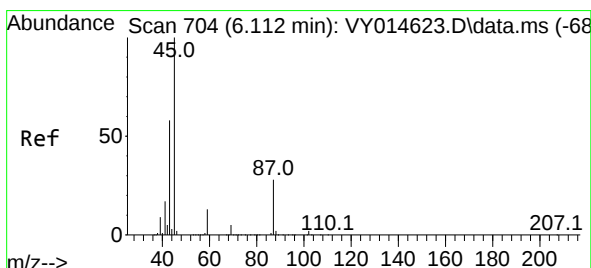
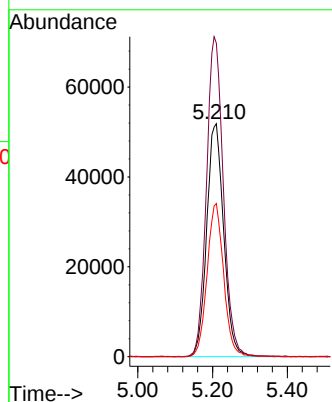
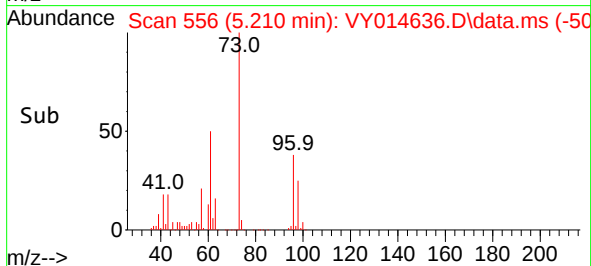
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



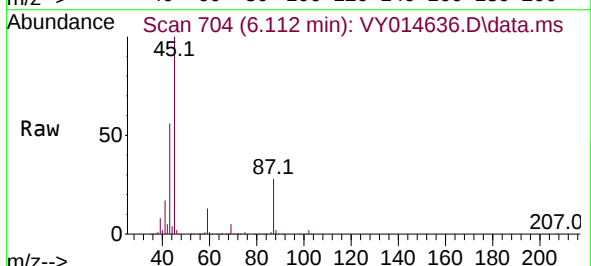
Tgt Ion: 96 Resp: 16388
Ion Ratio Lower Upper
96 100
61 134.5 110.2 165.4
98 65.6 51.8 77.6

Manual Integrations
APPROVED

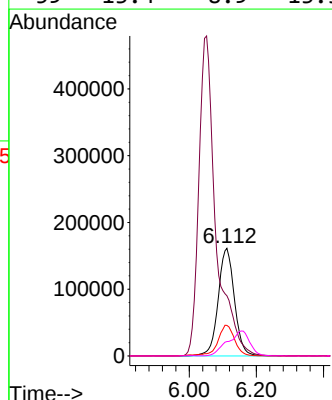
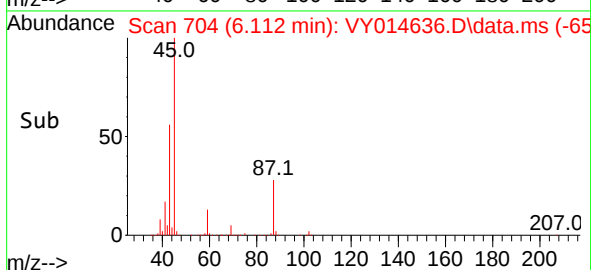
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

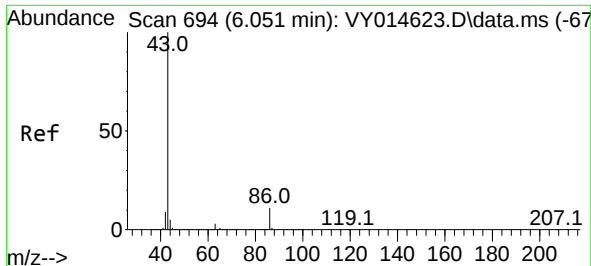


#22
Diisopropyl ether
Concen: 51.136 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47



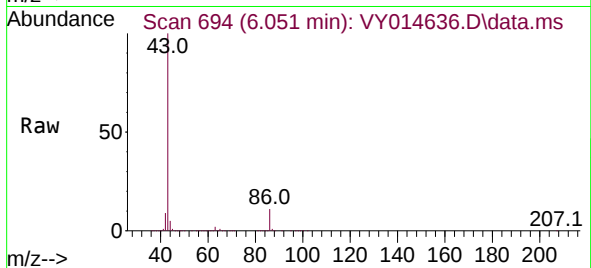
Tgt Ion: 45 Resp: 542501
Ion Ratio Lower Upper
45 100
43 55.7 52.2 78.4
87 28.4 21.0 31.6
59 13.4 8.9 13.3#





#23
 Vinyl Acetate
 Concen: 266.180 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY014636.D
 Acq: 13 Jul 2023 18:47

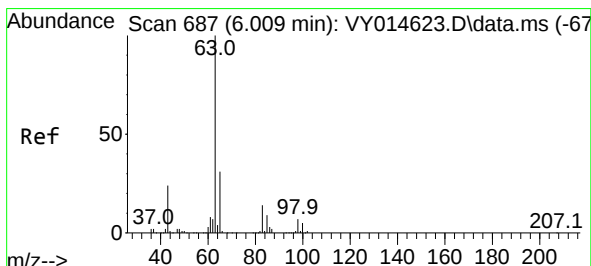
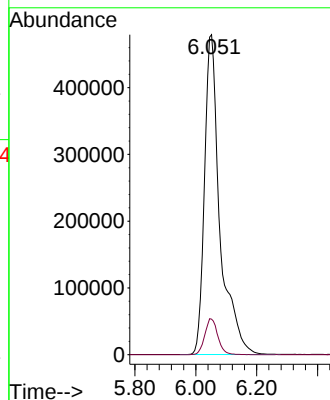
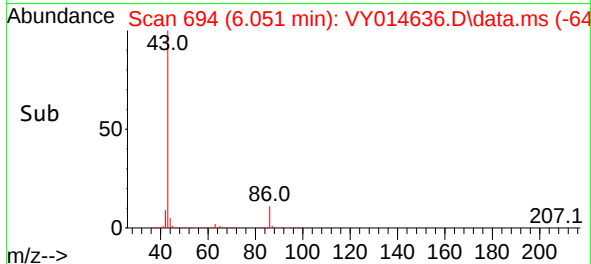
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



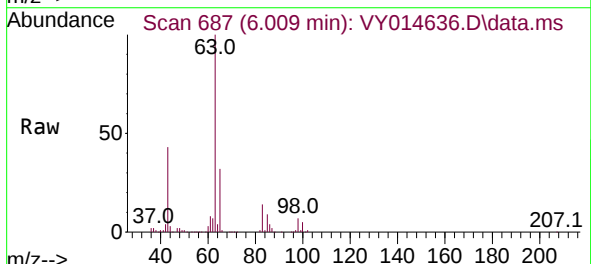
Tgt Ion: 43 Resp: 168991
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.5 11.3

Manual Integrations
 APPROVED

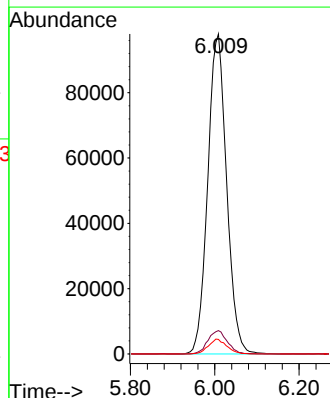
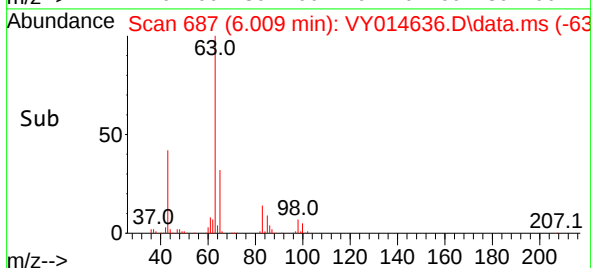
Reviewed By :John Carlone 07/14/2023
 Supervised By :Mahesh Dadoda 07/14/2023



#24
 1,1-Dichloroethane
 Concen: 50.266 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY014636.D
 Acq: 13 Jul 2023 18:47



Tgt Ion: 63 Resp: 305132
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.1 9.4
 100 4.6 1.8 5.5





#25

2-Butanone

Concen: 283.430 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY014636.D

Acq: 13 Jul 2023 18:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 446872

Ion Ratio Lower Upper

43 100

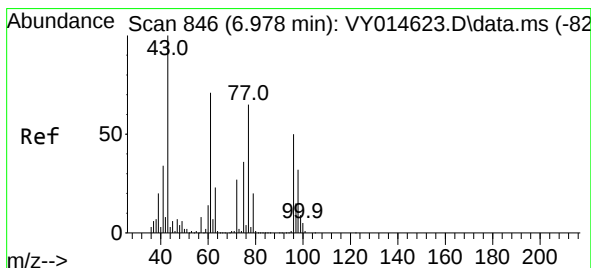
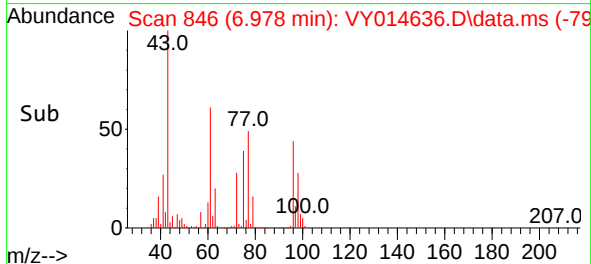
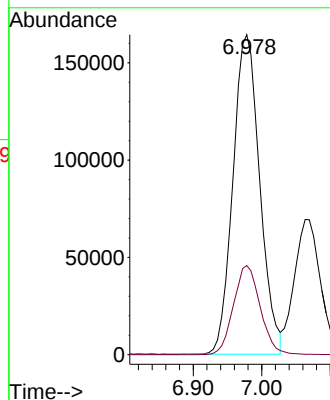
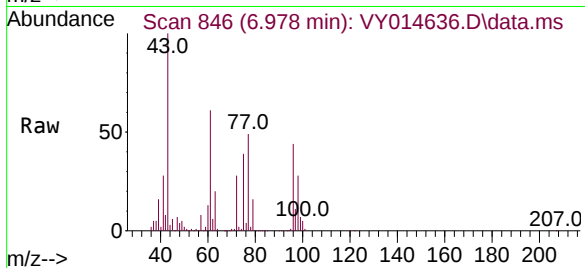
72 27.9 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#26

2,2-Dichloropropane

Concen: 45.030 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY014636.D

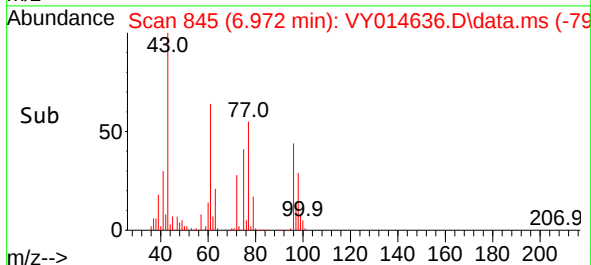
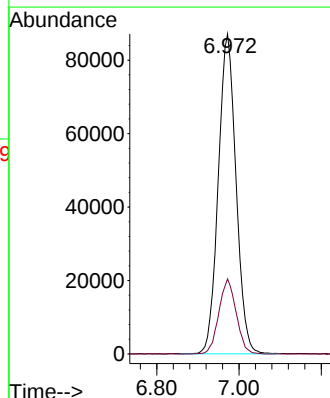
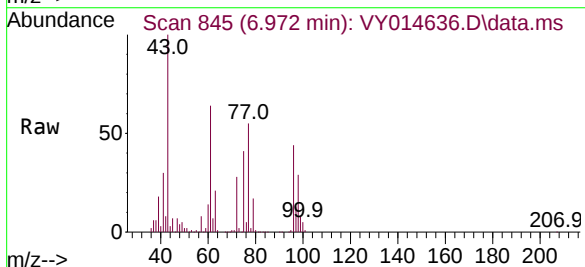
Acq: 13 Jul 2023 18:47

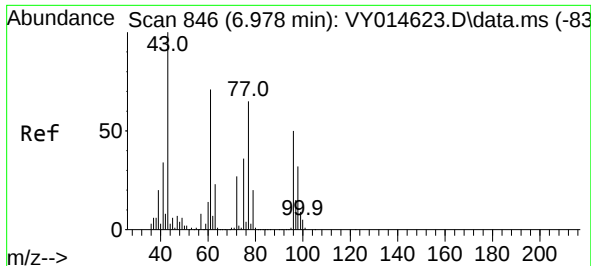
Tgt Ion: 77 Resp: 260516

Ion Ratio Lower Upper

77 100

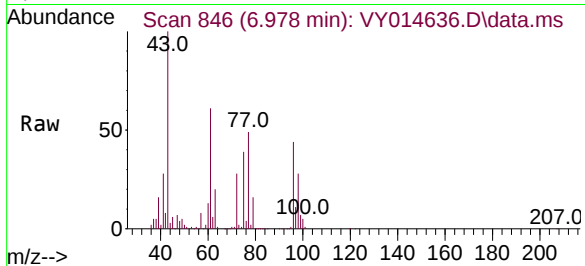
97 22.9 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 50.856 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY014636.D
 Acq: 13 Jul 2023 18:47

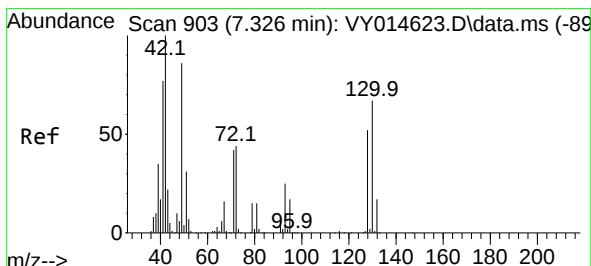
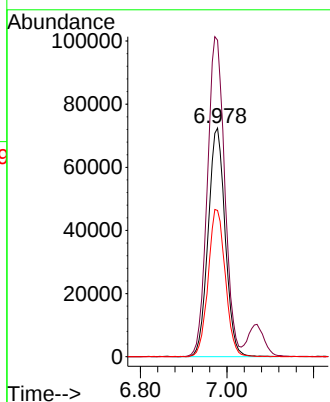
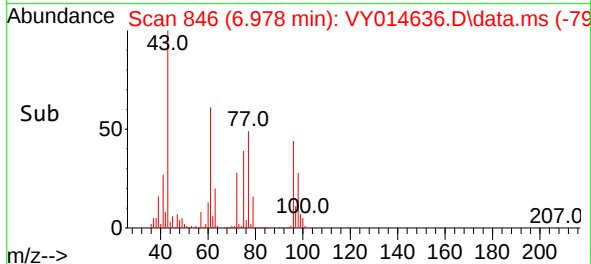
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 197430
 Ion Ratio Lower Upper
 96 100
 61 143.0 0.0 301.4
 98 64.9 0.0 130.4

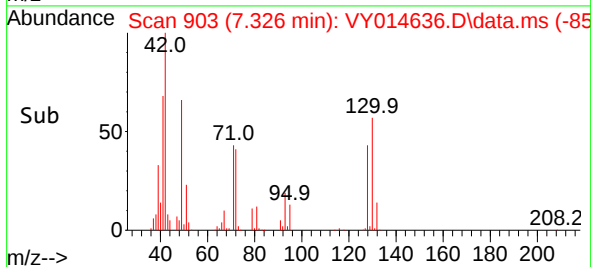
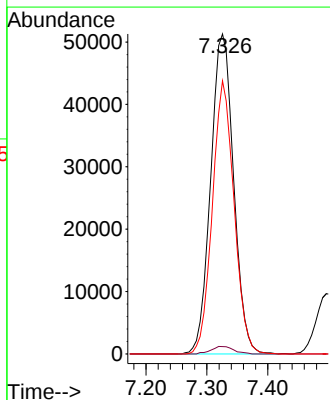
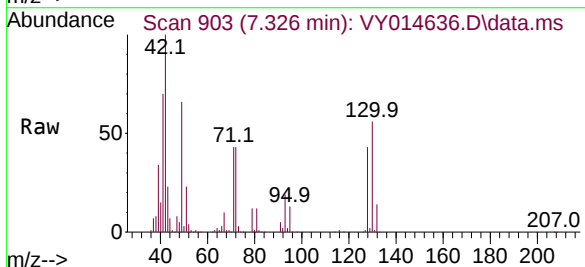
Manual Integrations
 APPROVED

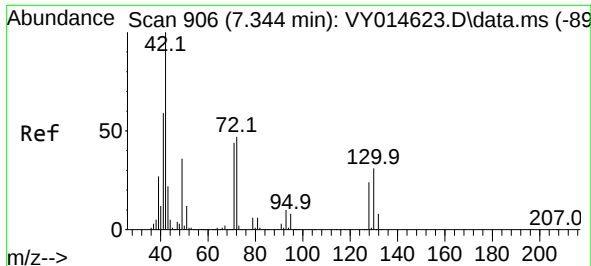
Reviewed By :John Carlone 07/14/2023
 Supervised By :Mahesh Dadoda 07/14/2023



#28
 Bromochloromethane
 Concen: 51.300 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.000 min
 Lab File: VY014636.D
 Acq: 13 Jul 2023 18:47

Tgt Ion: 49 Resp: 134118
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 80.6 60.7 91.1





#29

Tetrahydrofuran

Concen: 301.490 ug/l

RT: 7.338 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY014636.D

Acq: 13 Jul 2023 18:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

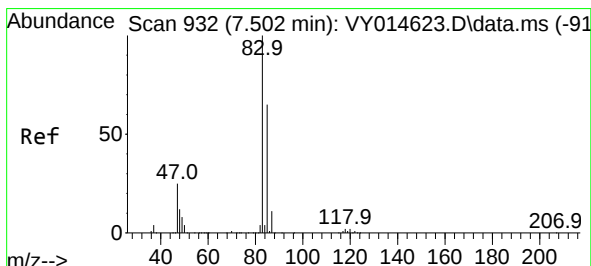
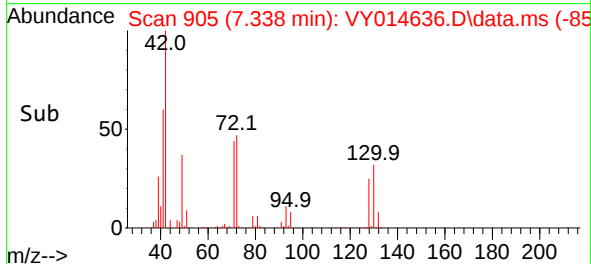
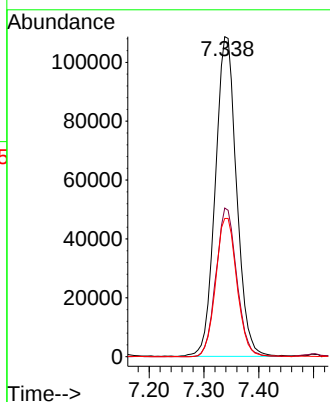
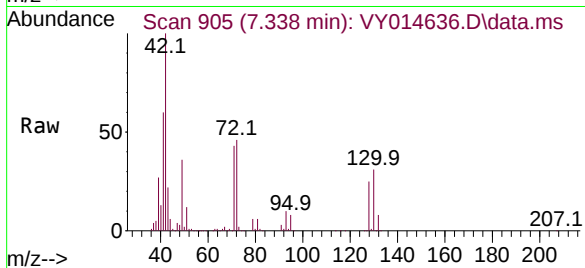
Tgt Ion:	42	Resp:	29269
Ion	Ratio	Lower	Upper
42	100		
72	45.6	32.8	49.2
71	43.3	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#30

Chloroform

Concen: 50.664 ug/l

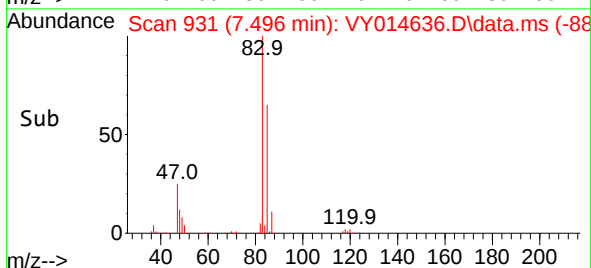
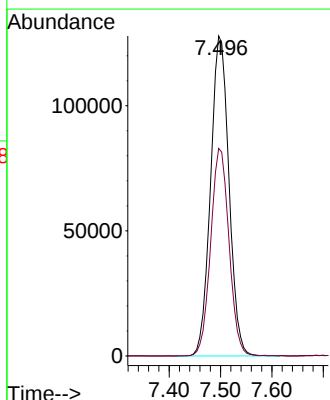
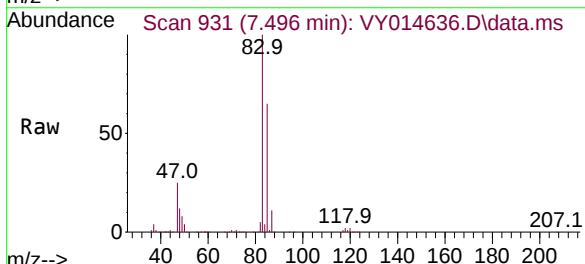
RT: 7.496 min Scan# 931

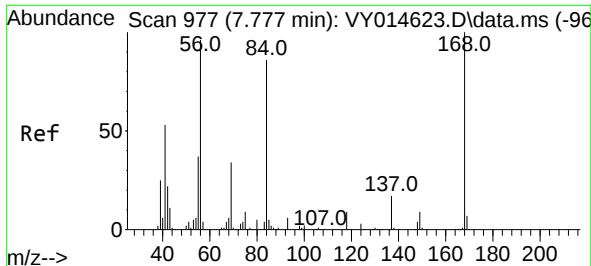
Delta R.T. -0.006 min

Lab File: VY014636.D

Acq: 13 Jul 2023 18:47

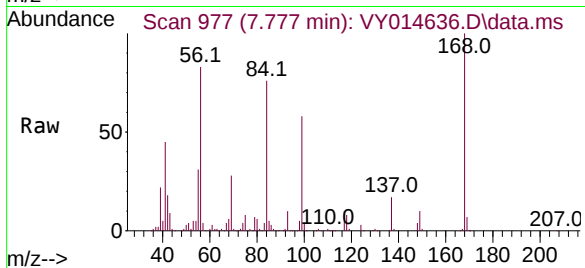
Tgt Ion:	83	Resp:	317141
Ion	Ratio	Lower	Upper
83	100		
85	64.8	49.7	74.5





#31
Cyclohexane
Concen: 45.181 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47

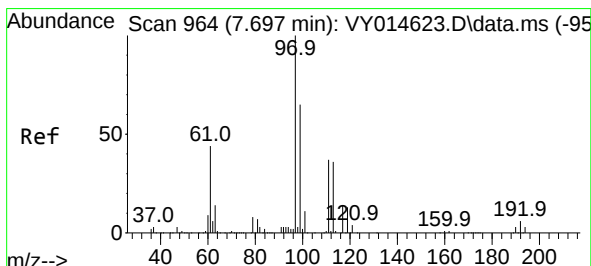
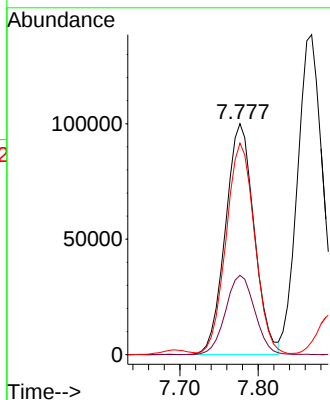
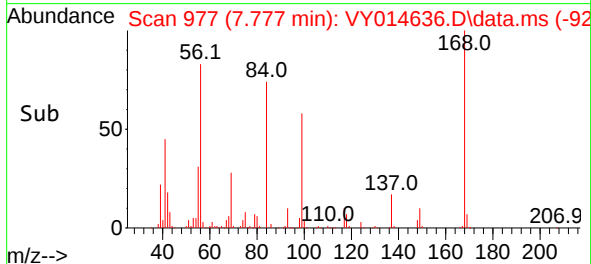
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



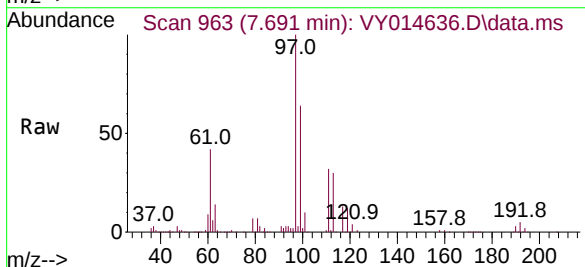
Tgt Ion: 56 Resp: 255069
Ion Ratio Lower Upper
56 100
69 34.3 27.8 41.6
84 89.7 66.4 99.6

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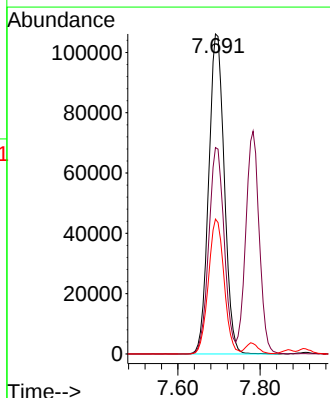
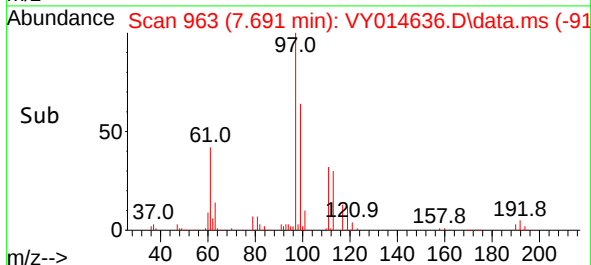
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#32
1,1,1-Trichloroethane
Concen: 49.517 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.006 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47



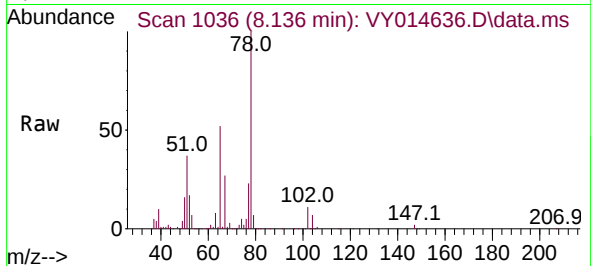
Tgt Ion: 97 Resp: 278972
Ion Ratio Lower Upper
97 100
99 63.9 50.8 76.2
61 42.4 35.1 52.7





#33
 1,2-Dichloroethane-d4
 Concen: 51.981 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY014636.D
 Acq: 13 Jul 2023 18:47

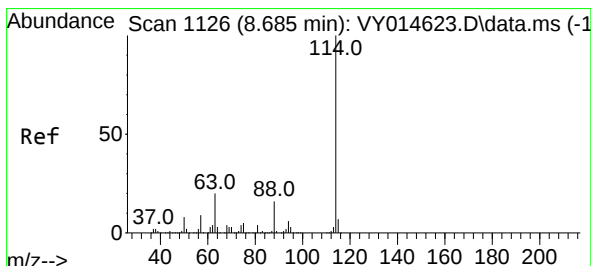
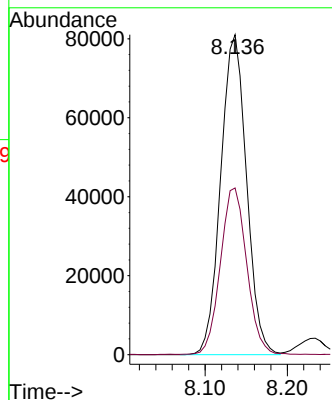
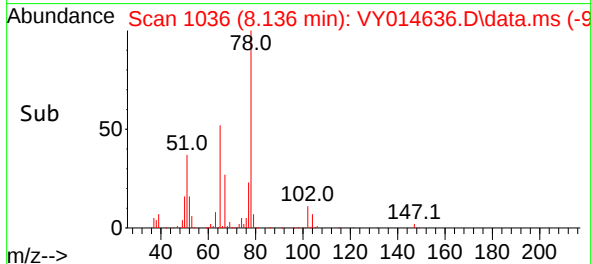
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 65 Resp: 17678
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 101.8

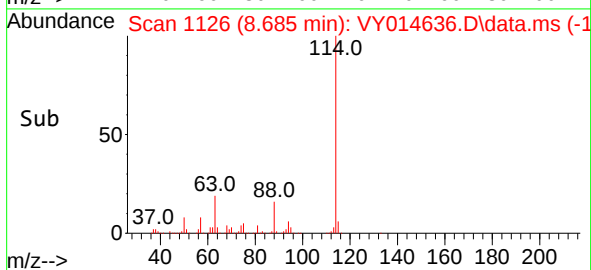
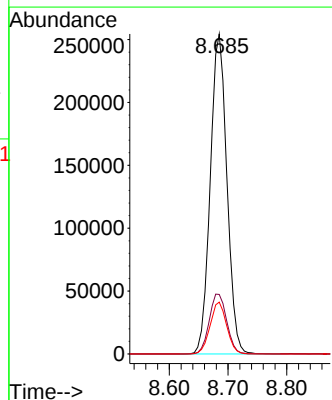
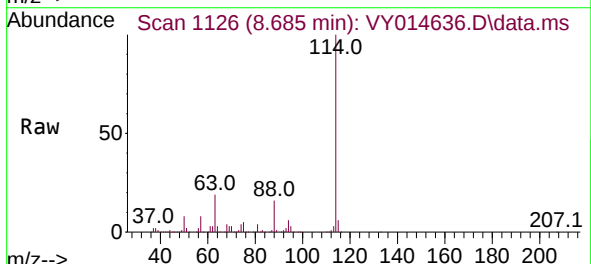
Manual Integrations
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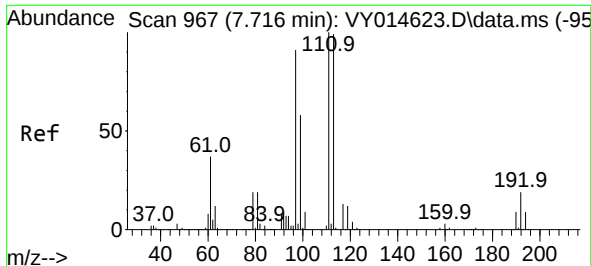
Reviewed By :John Carlone 07/14/2023
 Supervised By :Mahesh Dadoda 07/14/2023



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY014636.D
 Acq: 13 Jul 2023 18:47

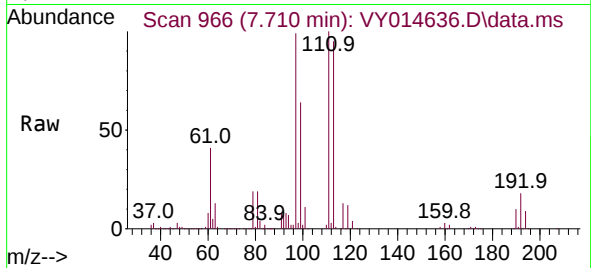
Tgt Ion:114 Resp: 499974
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 42.4
 88 16.2 0.0 30.6





#35
Dibromofluoromethane
Concen: 50.642 ug/l
RT: 7.710 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47

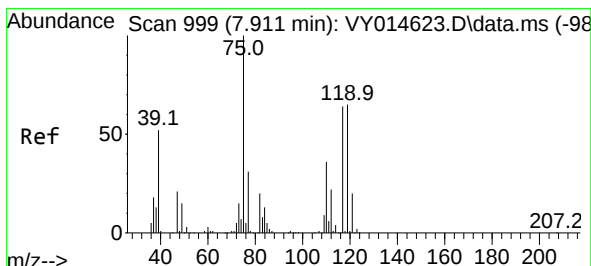
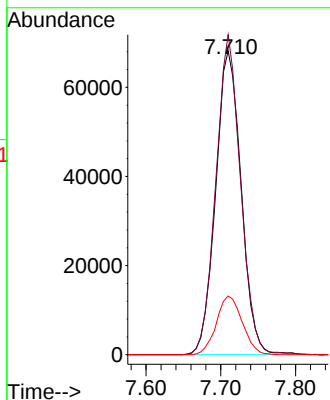
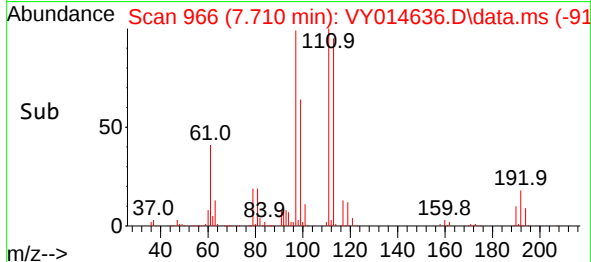
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 161178
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.7 16.9 25.3

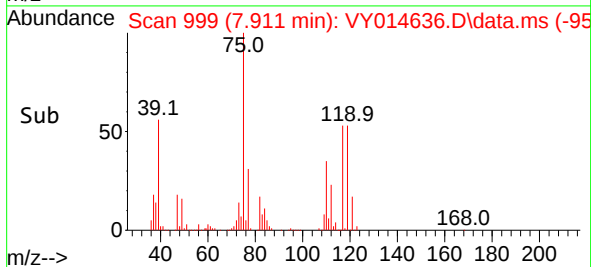
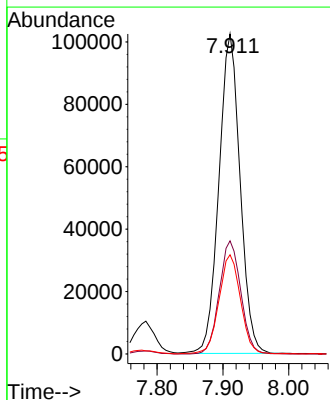
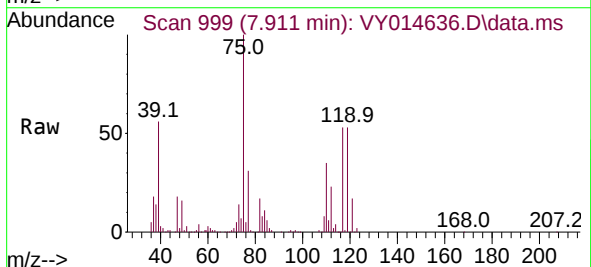
Manual Integrations
APPROVED

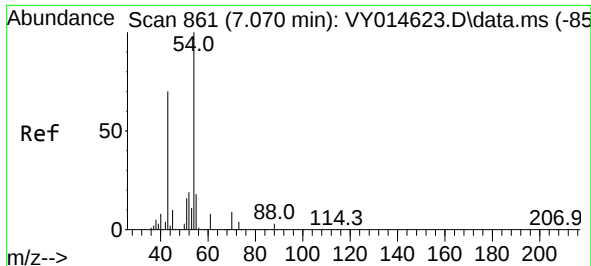
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#36
1,1-Dichloropropene
Concen: 48.236 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47

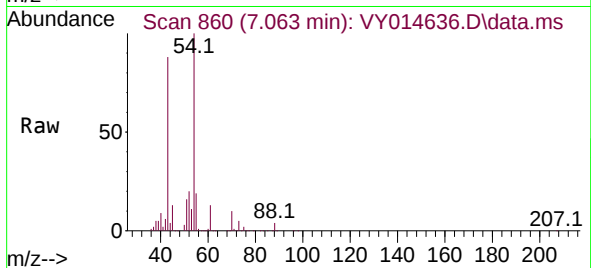
Tgt Ion: 75 Resp: 229588
Ion Ratio Lower Upper
75 100
110 35.9 17.8 53.5
77 31.4 24.4 36.6





#37
Ethyl Acetate
Concen: 57.378 ug/l
RT: 7.063 min Scan# 860
Delta R.T. -0.007 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47

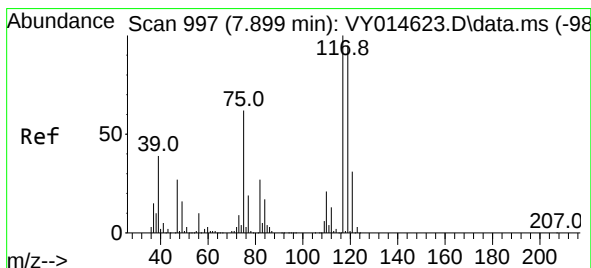
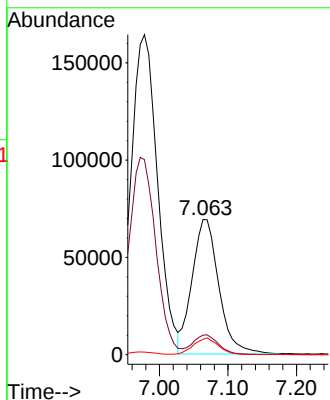
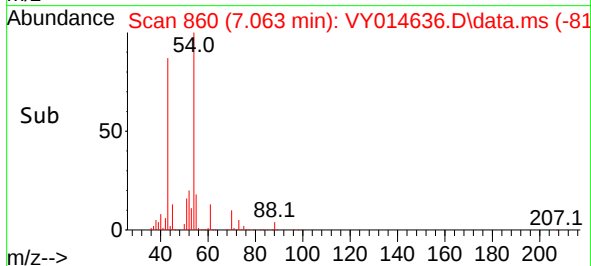
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 188029
Ion Ratio Lower Upper
43 100
61 14.1 10.1 15.1
70 11.6 7.1 10.7

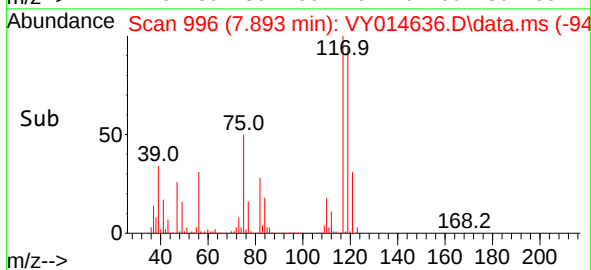
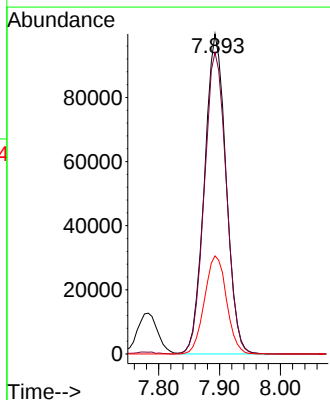
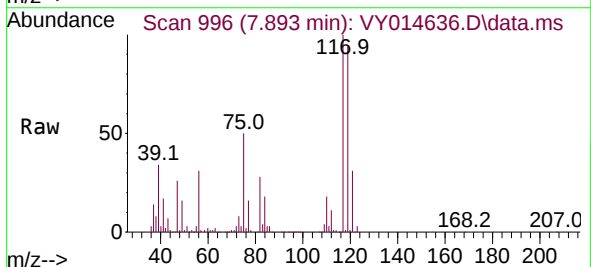
Manual Integrations
APPROVED

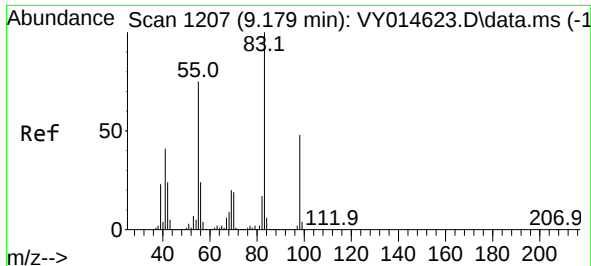
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#38
Carbon Tetrachloride
Concen: 48.866 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47

Tgt Ion:117 Resp: 245864
Ion Ratio Lower Upper
117 100
119 94.2 76.4 114.6
121 30.7 25.8 38.6





#39

Methylcyclohexane

Concen: 47.131 ug/l

RT: 9.179 min Scan# 1207

Delta R.T. -0.000 min

Lab File: VY014636.D

Acq: 13 Jul 2023 18:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 292250

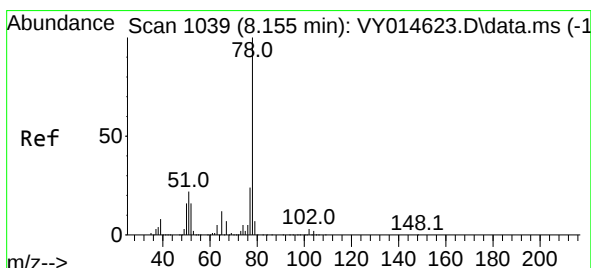
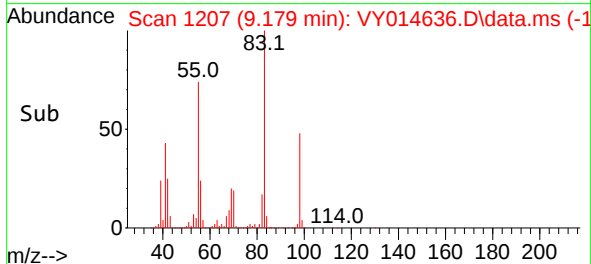
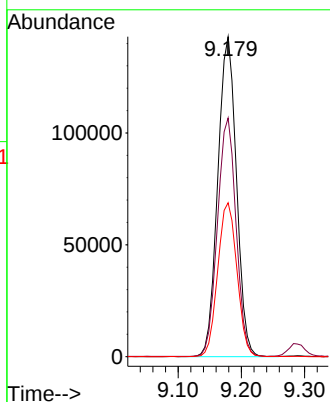
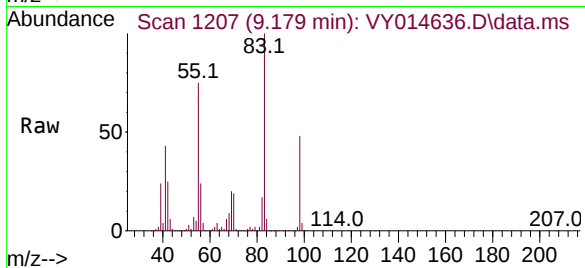
Ion	Ratio	Lower	Upper
83	100		
55	74.5	63.0	94.4
98	48.1	37.4	56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#40

Benzene

Concen: 49.870 ug/l

RT: 8.155 min Scan# 1039

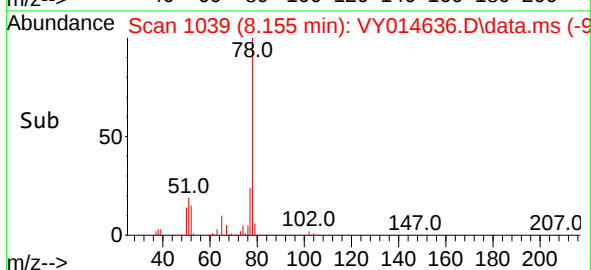
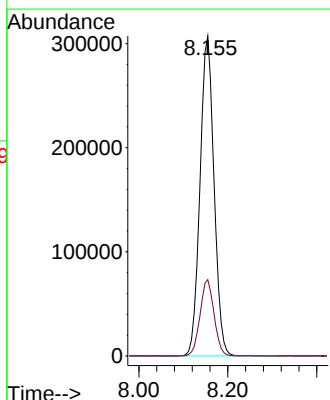
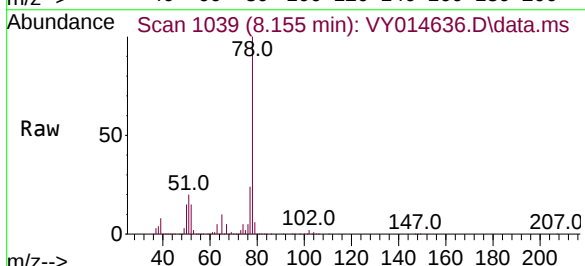
Delta R.T. -0.000 min

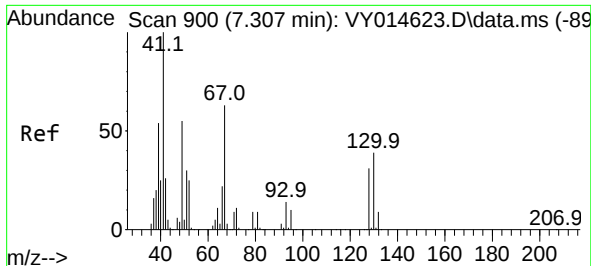
Lab File: VY014636.D

Acq: 13 Jul 2023 18:47

Tgt Ion: 78 Resp: 675078

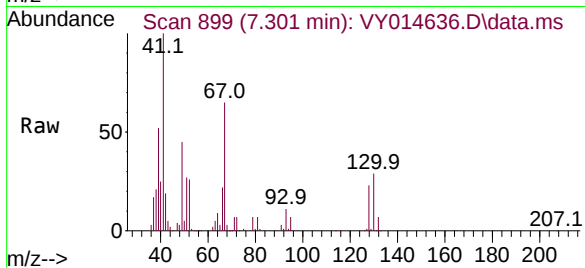
Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.6





#41
Methacrylonitrile
Concen: 59.993 ug/l m
RT: 7.301 min Scan# 89
Delta R.T. -0.006 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47

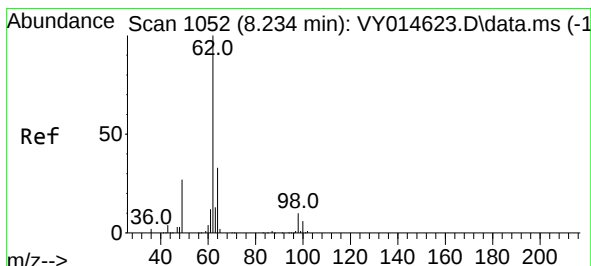
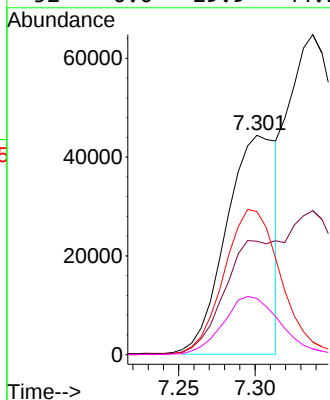
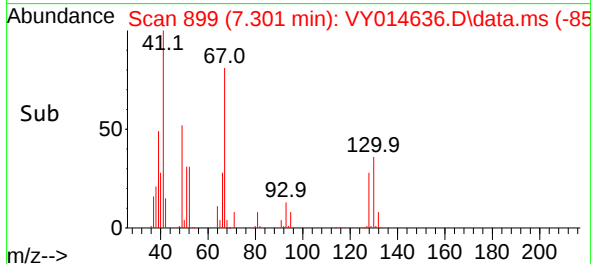
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 10112
Ion Ratio Lower Upper
41 100
39 65.0 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9#

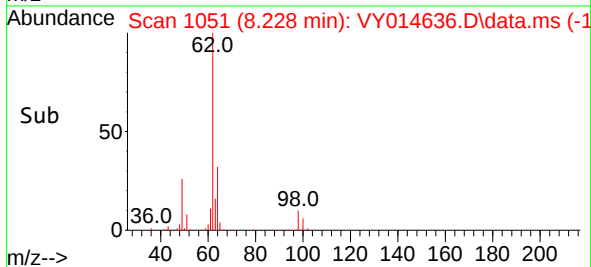
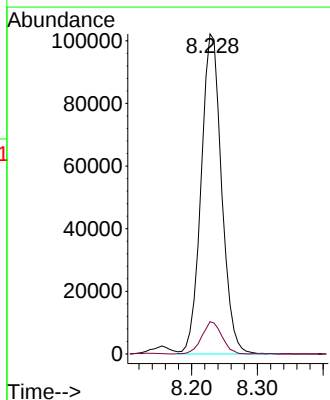
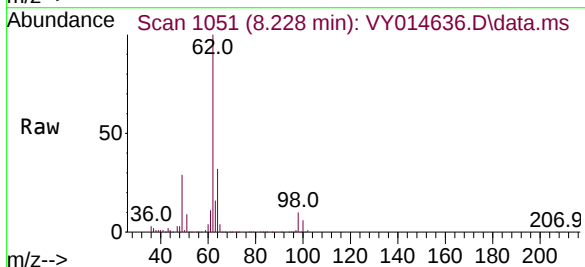
Manual Integrations
APPROVED

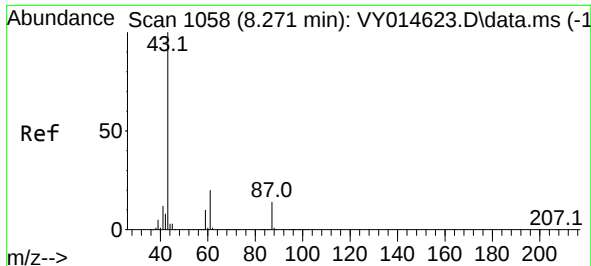
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#42
1,2-Dichloroethane
Concen: 51.679 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47

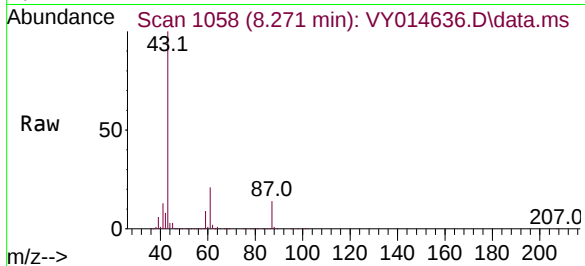
Tgt Ion: 62 Resp: 221531
Ion Ratio Lower Upper
62 100
98 9.9 0.0 15.8





#43
Isopropyl Acetate
Concen: 55.199 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47

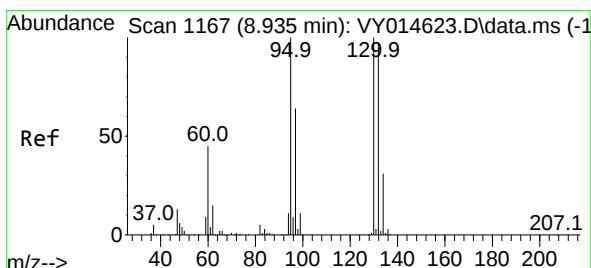
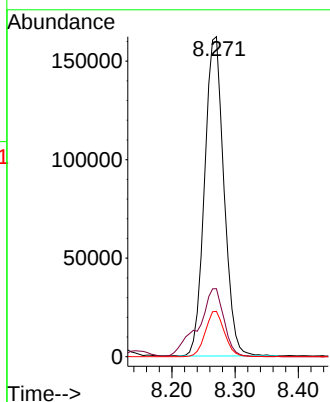
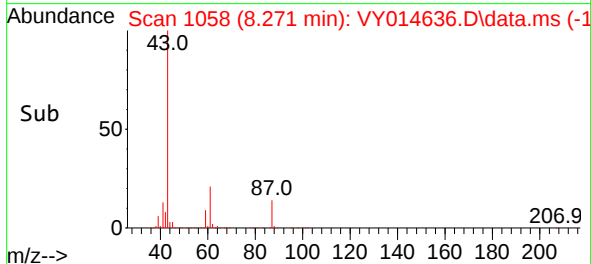
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



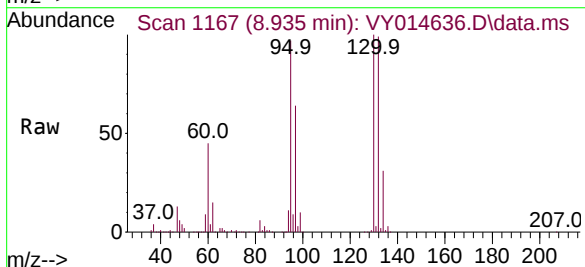
Tgt Ion: 43 Resp: 34457
Ion Ratio Lower Upper
43 100
61 28.4 21.1 31.7
87 14.1 9.8 14.8

Manual Integrations
APPROVED

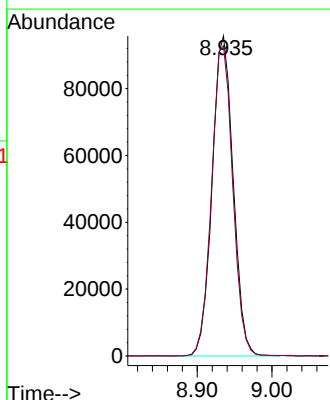
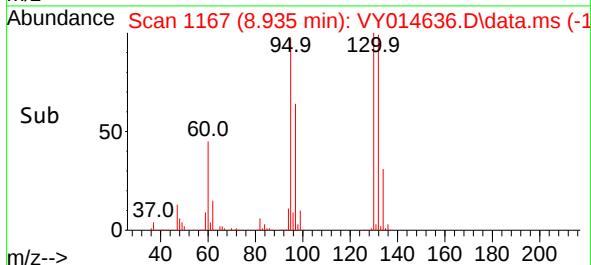
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

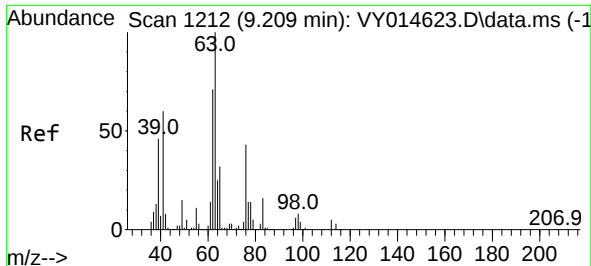


#44
Trichloroethene
Concen: 49.281 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47



Tgt Ion:130 Resp: 186649
Ion Ratio Lower Upper
130 100
95 96.9 0.0 196.0





#45

1,2-Dichloropropane

Concen: 49.923 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY014636.D

Acq: 13 Jul 2023 18:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 17646

Ion Ratio Lower Upper

63 100

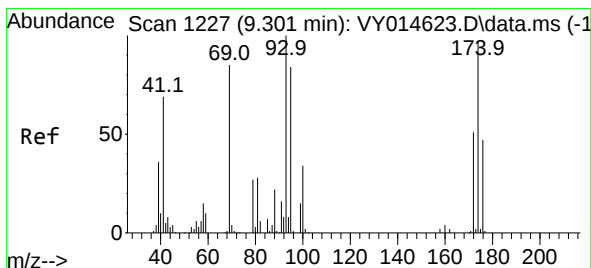
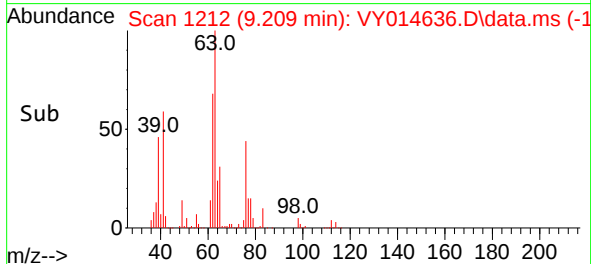
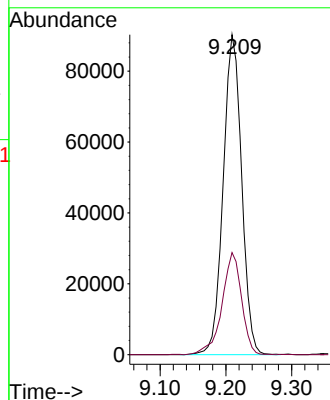
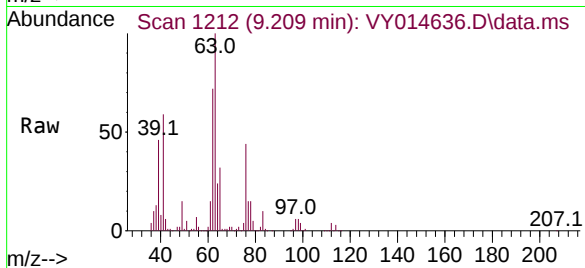
65 31.8 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#46

Dibromomethane

Concen: 52.034 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY014636.D

Acq: 13 Jul 2023 18:47

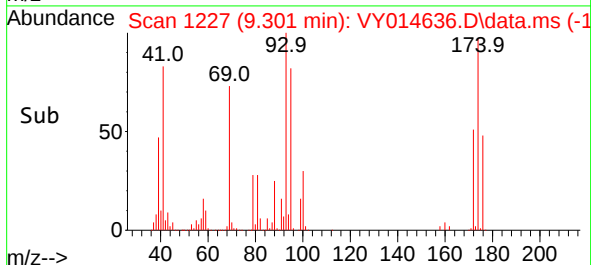
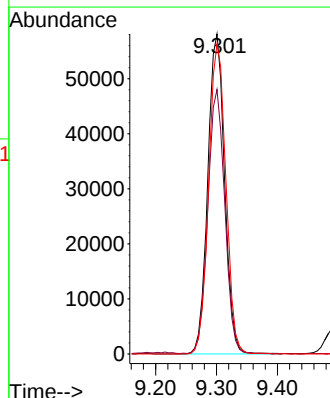
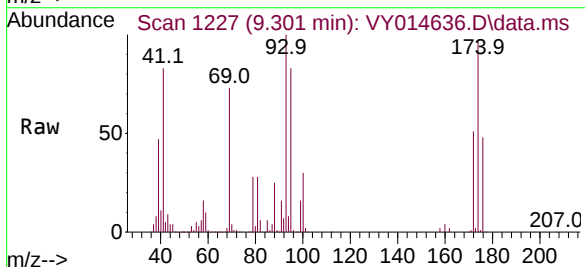
Tgt Ion: 93 Resp: 111579

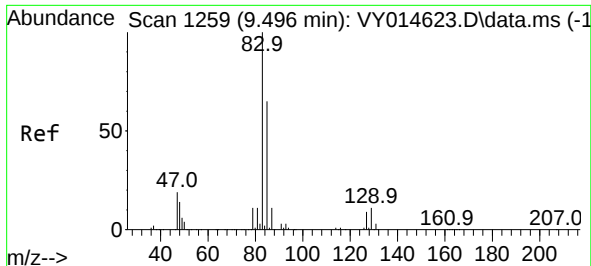
Ion Ratio Lower Upper

93 100

95 82.6 66.6 100.0

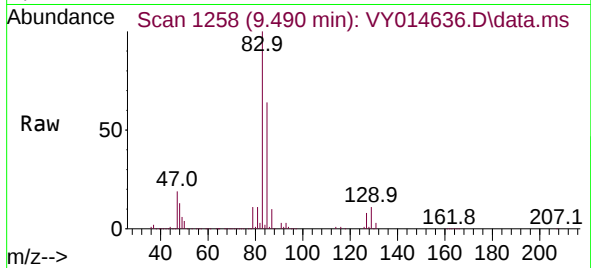
174 98.7 84.8 127.2





#47
Bromodichloromethane
Concen: 50.596 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47

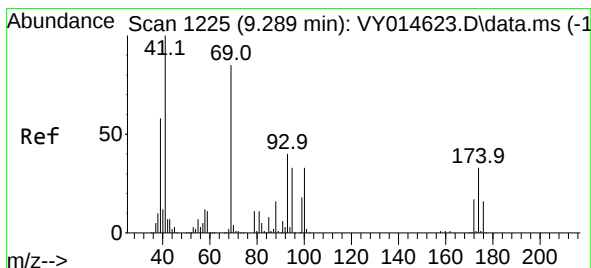
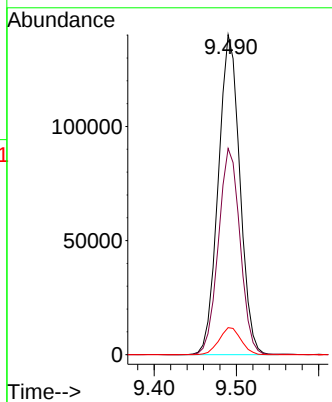
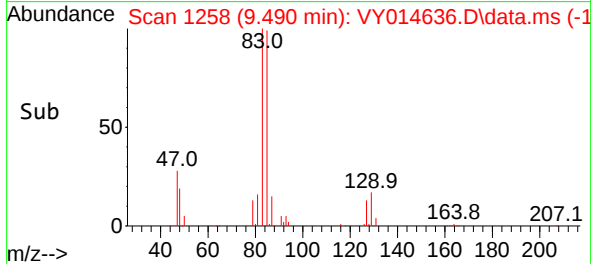
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 255714
Ion Ratio Lower Upper
83 100
85 64.4 50.1 75.1
127 8.5 7.1 10.7

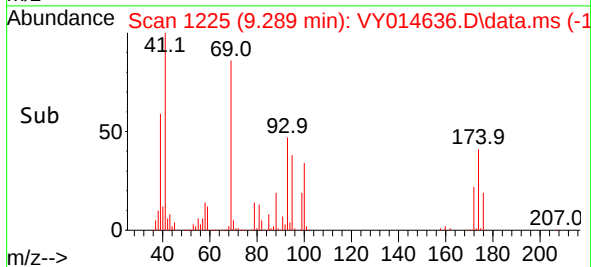
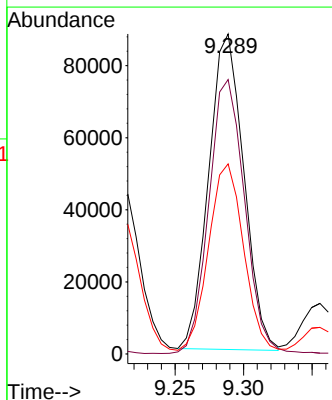
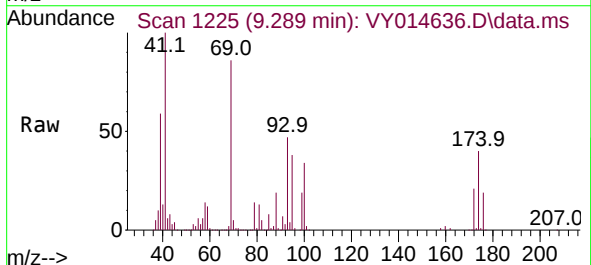
Manual Integrations
APPROVED

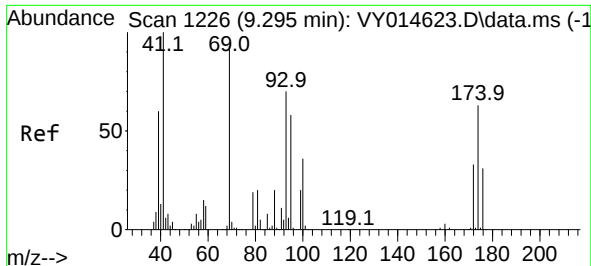
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#48
Methyl methacrylate
Concen: 55.474 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47

Tgt Ion: 41 Resp: 155822
Ion Ratio Lower Upper
41 100
69 88.7 64.5 96.7
39 58.9 50.8 76.2





#49

1,4-Dioxane

Concen: 1250.918 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.006 min

Lab File: VY014636.D

Acq: 13 Jul 2023 18:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

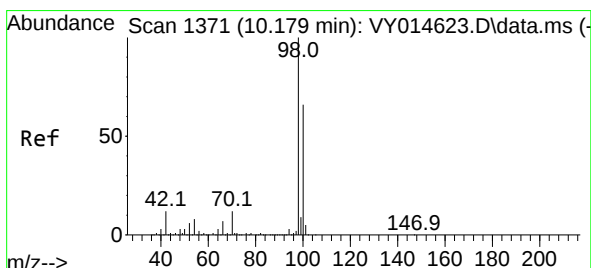
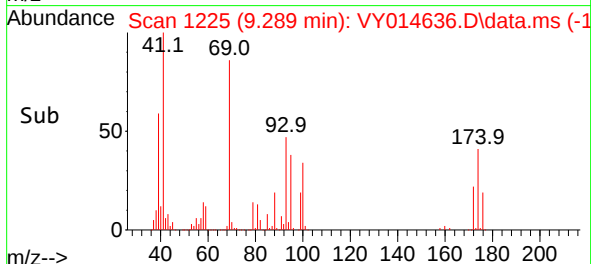
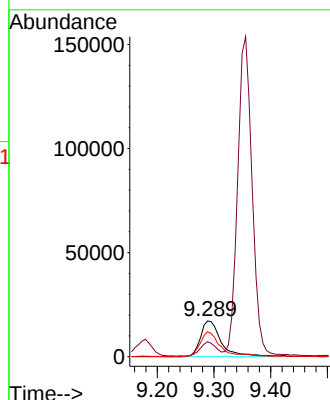
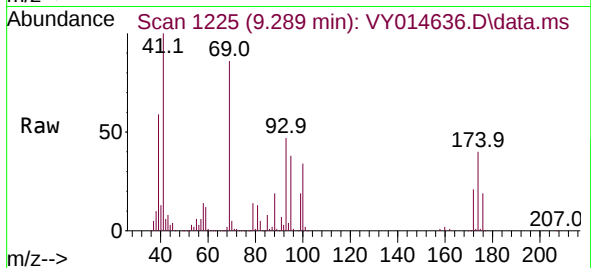
Tgt Ion: 88 Resp: 43739
 Ion Ratio Lower Upper
 88 100
 43 30.5 0.0 0.0
 58 63.4 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#50

Toluene-d8

Concen: 49.420 ug/l

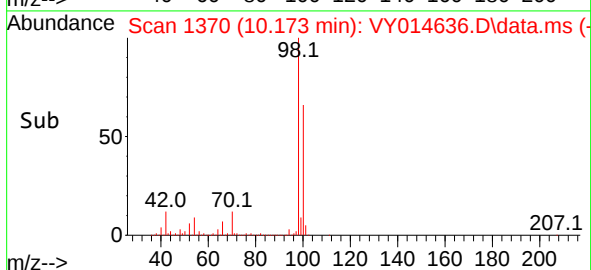
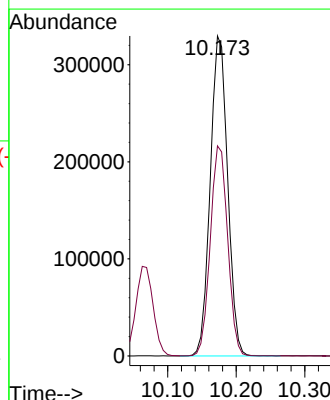
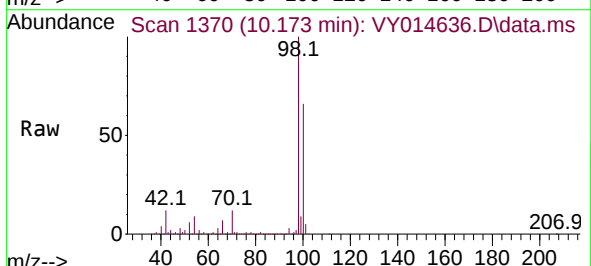
RT: 10.173 min Scan# 1370

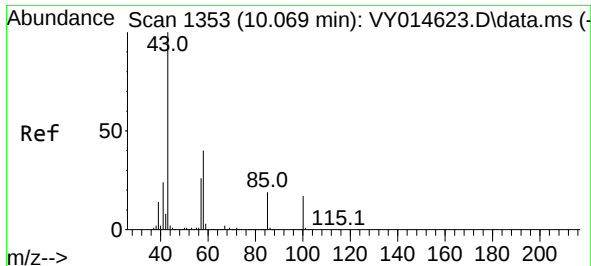
Delta R.T. -0.006 min

Lab File: VY014636.D

Acq: 13 Jul 2023 18:47

Tgt Ion: 98 Resp: 579888
 Ion Ratio Lower Upper
 98 100
 100 65.6 50.1 75.1





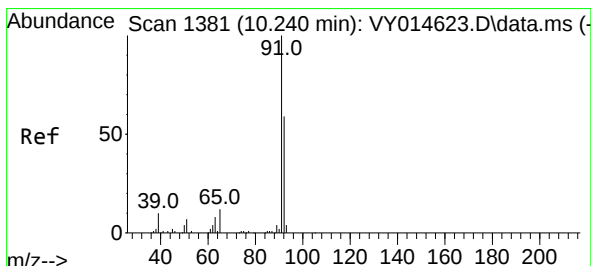
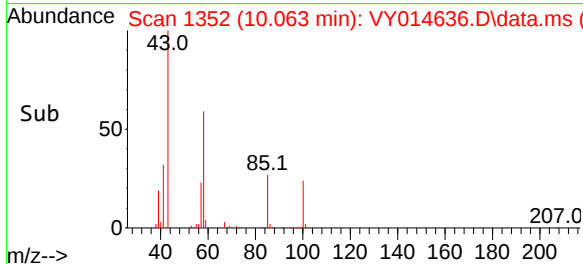
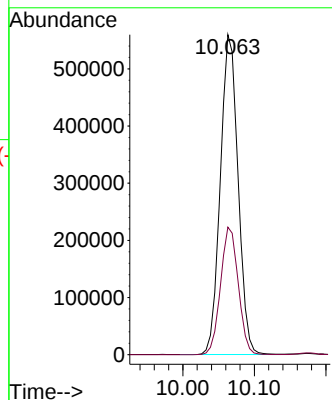
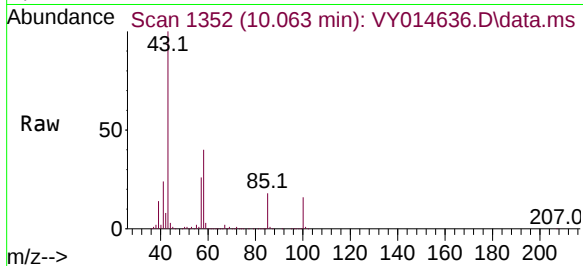
#51
4-Methyl-2-Pentanone
Concen: 293.716 ug/l
RT: 10.063 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 96266
Ion Ratio Lower Upper
43 100
58 39.9 29.0 43.6

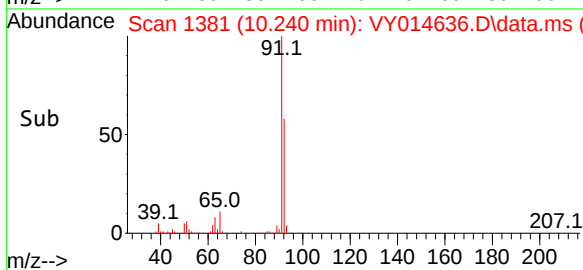
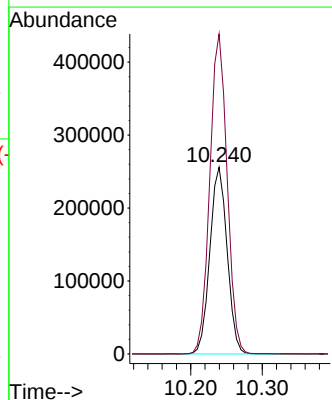
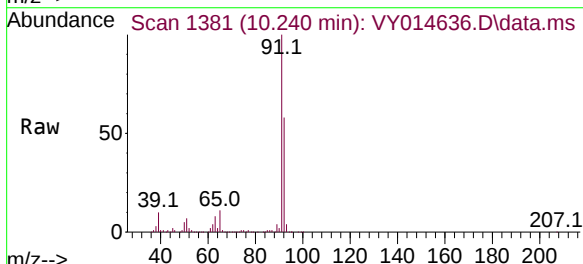
Manual Integrations
APPROVED

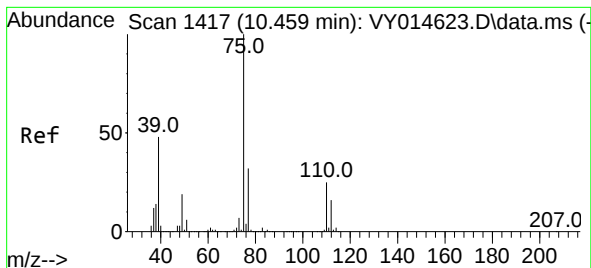
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#52
Toluene
Concen: 49.474 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47

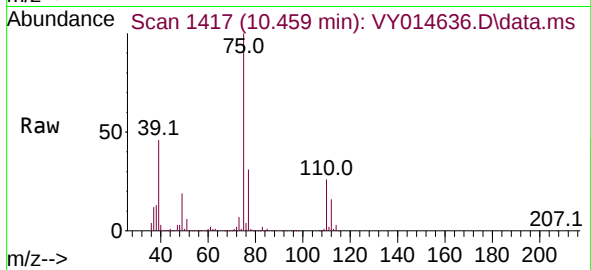
Tgt Ion: 92 Resp: 428548
Ion Ratio Lower Upper
92 100
91 172.2 143.8 215.6





#53
t-1,3-Dichloropropene
Concen: 50.615 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47

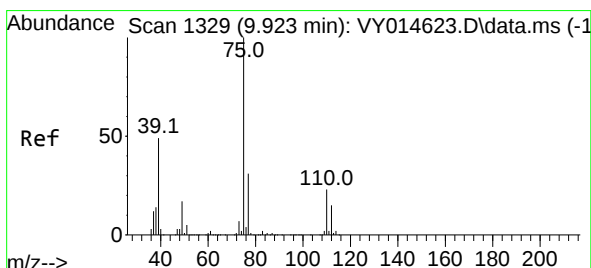
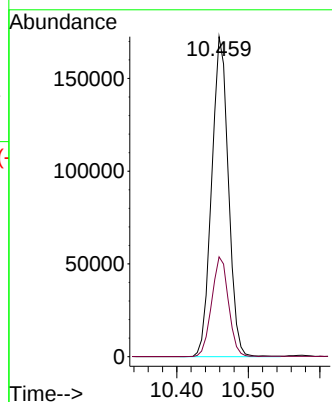
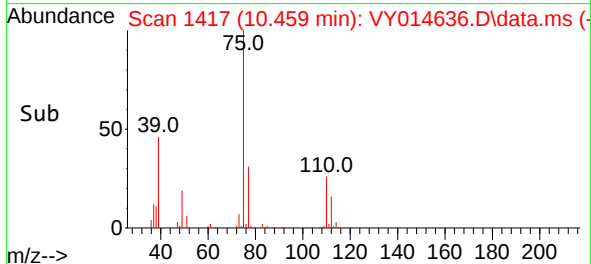
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



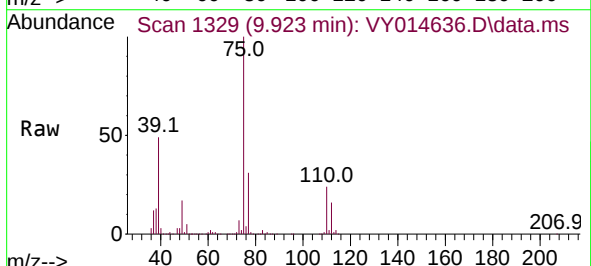
Tgt Ion: 75 Resp: 27981
Ion Ratio Lower Upper
75 100
77 31.2 25.0 37.4

Manual Integrations
APPROVED

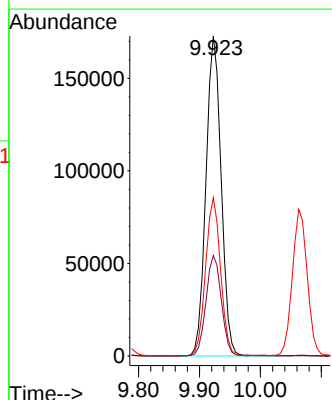
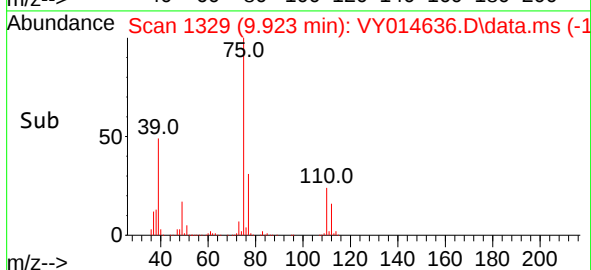
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

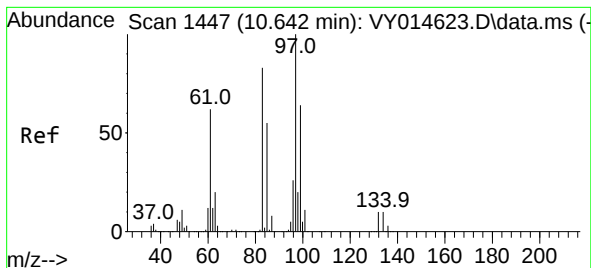


#54
cis-1,3-Dichloropropene
Concen: 49.971 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47



Tgt Ion: 75 Resp: 300413
Ion Ratio Lower Upper
75 100
77 31.4 24.2 36.4
39 49.4 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 52.847 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY014636.D

Acq: 13 Jul 2023 18:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 157854

Ion Ratio Lower Upper

97 100

83 86.4 72.0 108.0

85 54.9 45.4 68.0

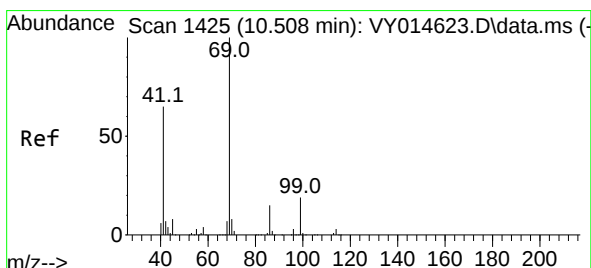
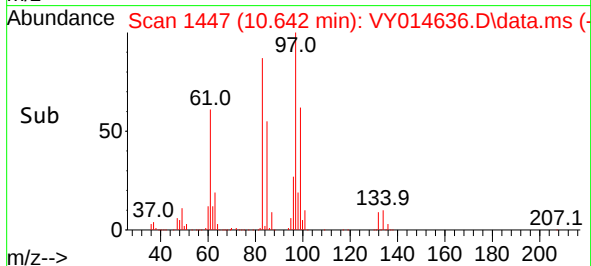
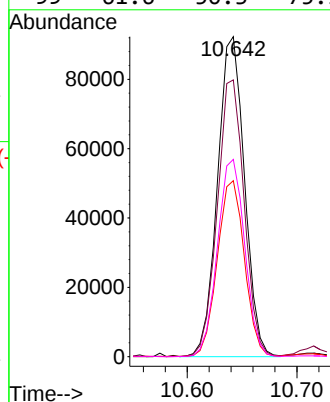
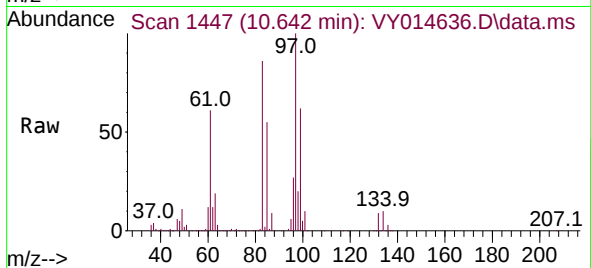
99 61.6 50.3 75.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#56

Ethyl methacrylate

Concen: 54.717 ug/l

RT: 10.502 min Scan# 1424

Delta R.T. -0.006 min

Lab File: VY014636.D

Acq: 13 Jul 2023 18:47

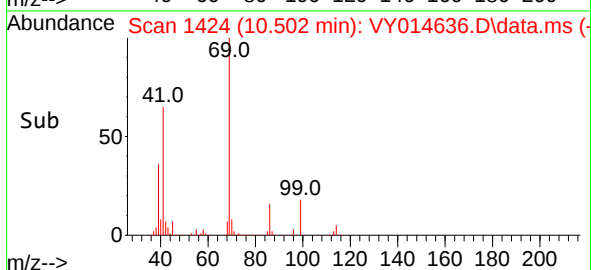
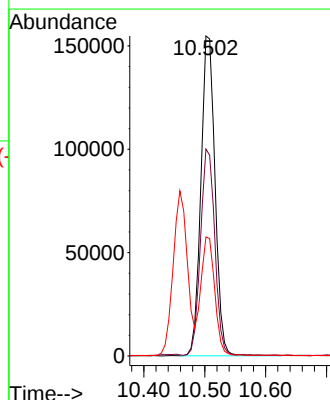
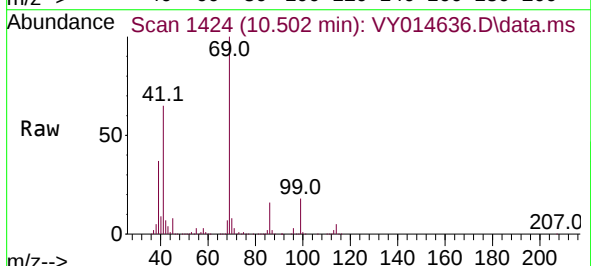
Tgt Ion: 69 Resp: 249545

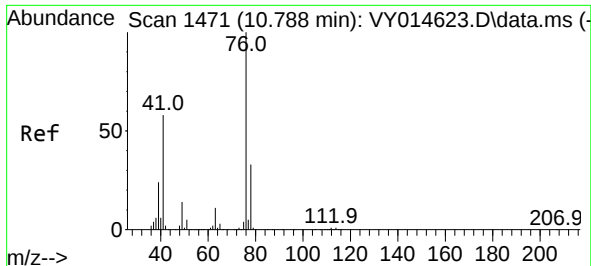
Ion Ratio Lower Upper

69 100

41 65.3 57.6 86.4

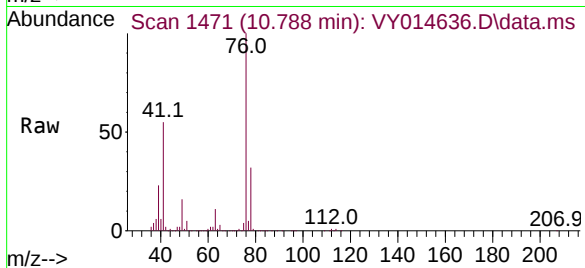
39 36.2 34.1 51.1





#57
1,3-Dichloropropane
Concen: 52.647 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47

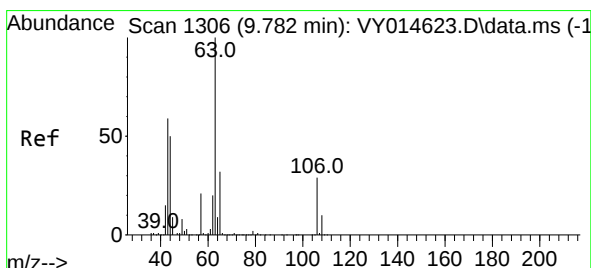
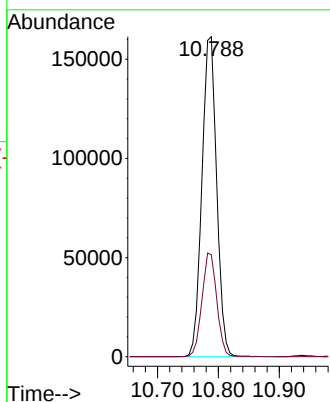
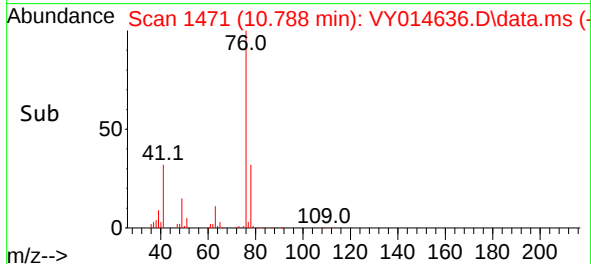
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 271237
Ion Ratio Lower Upper
76 100
78 32.6 25.3 37.9

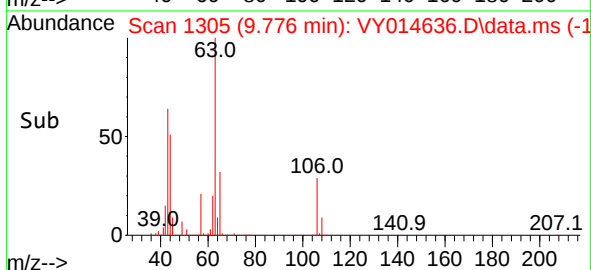
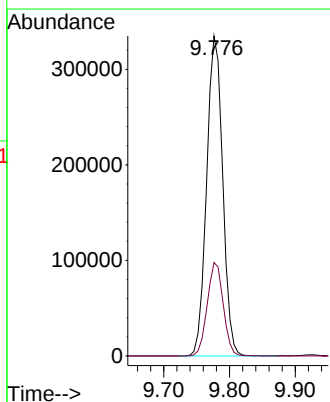
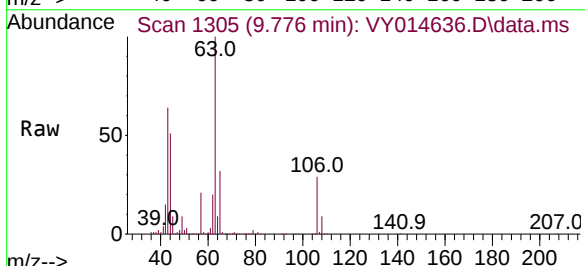
Manual Integrations
APPROVED

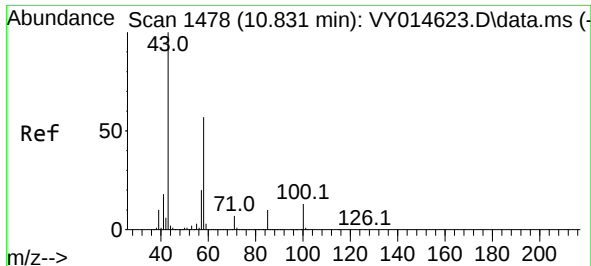
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#58
2-Chloroethyl Vinyl ether
Concen: 267.408 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. -0.006 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47

Tgt Ion: 63 Resp: 568244
Ion Ratio Lower Upper
63 100
106 29.1 21.2 31.8





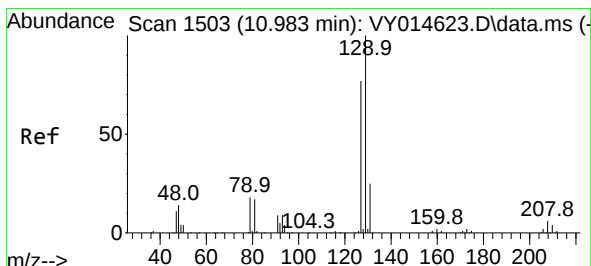
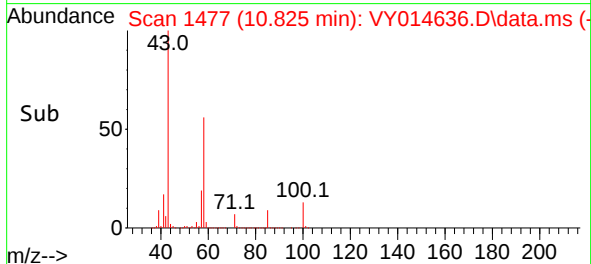
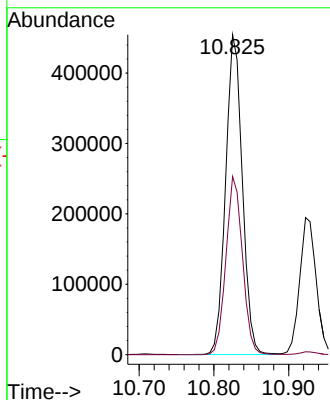
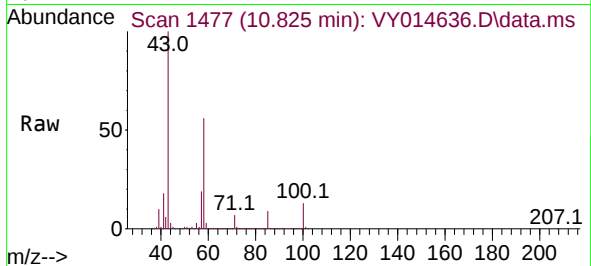
#59
2-Hexanone
Concen: 295.677 ug/l
RT: 10.825 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 706710
Ion Ratio Lower Upper
43 100
58 55.3 25.1 75.3

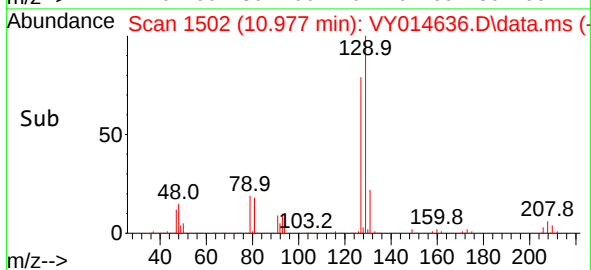
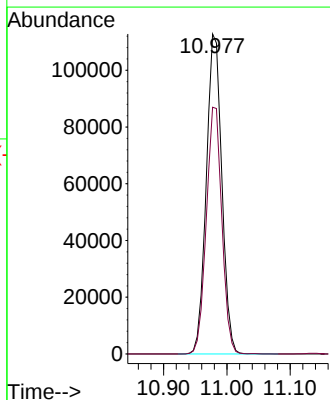
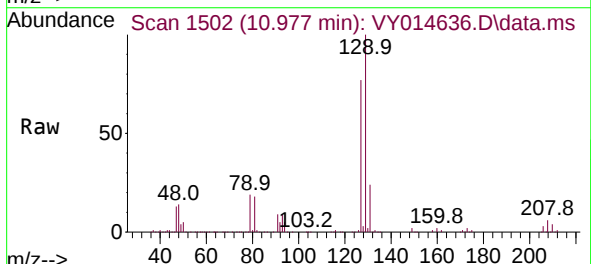
Manual Integrations
APPROVED

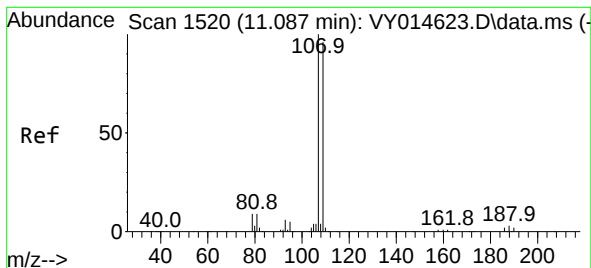
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#60
Dibromochloromethane
Concen: 52.733 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47

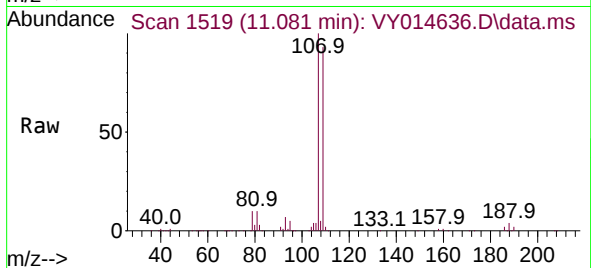
Tgt Ion:129 Resp: 193124
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5





#61
1,2-Dibromoethane
Concen: 53.373 ug/l
RT: 11.081 min Scan# 1519
Delta R.T. -0.006 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47

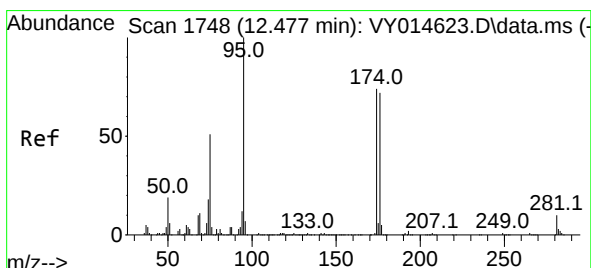
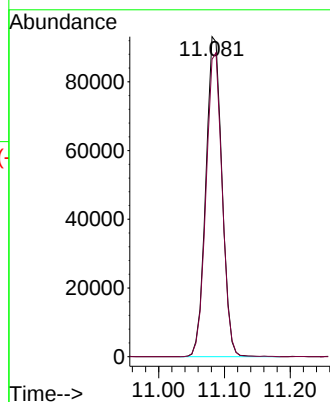
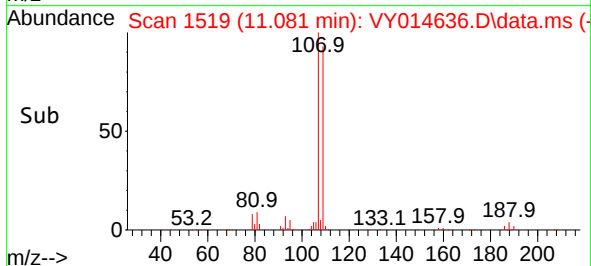
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



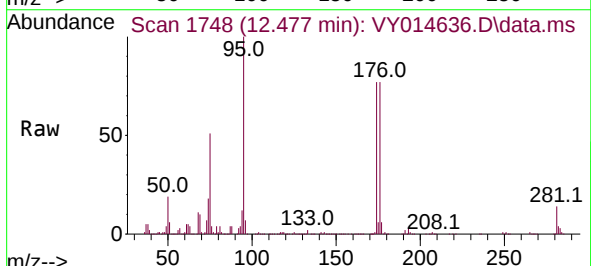
Tgt Ion:107 Resp: 15904
Ion Ratio Lower Upper
107 100
109 95.1 75.6 113.4

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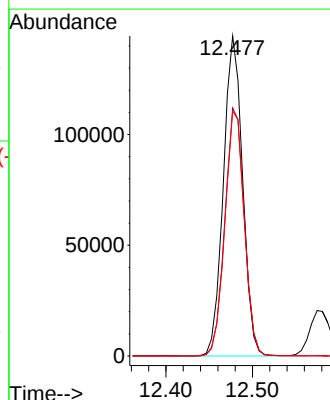
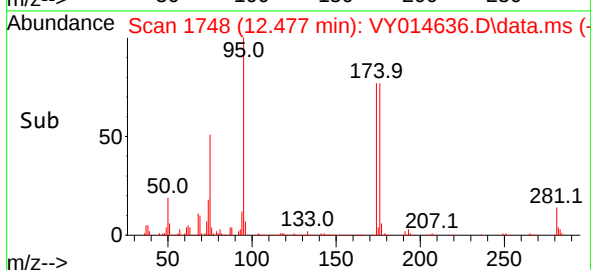
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

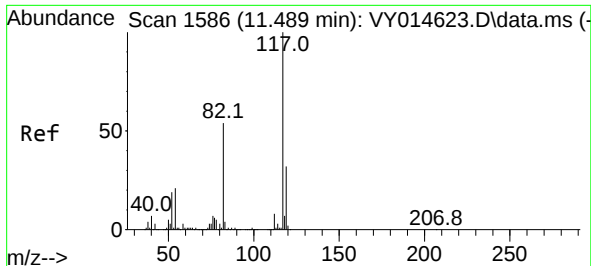


#62
4-Bromofluorobenzene
Concen: 49.497 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47



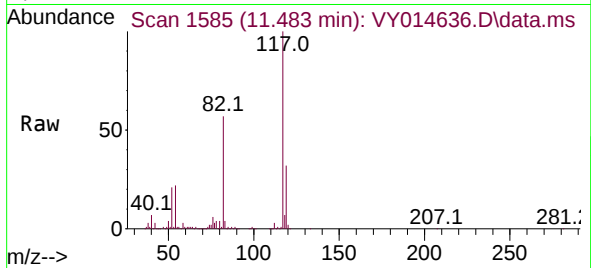
Tgt Ion: 95 Resp: 222700
Ion Ratio Lower Upper
95 100
174 78.5 0.0 178.2
176 77.1 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47

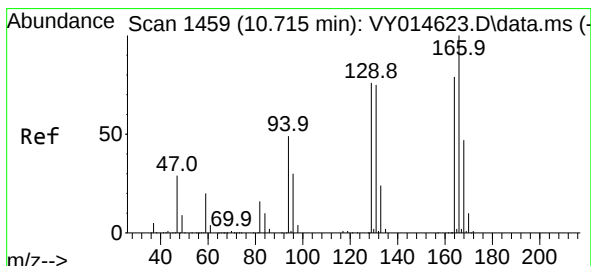
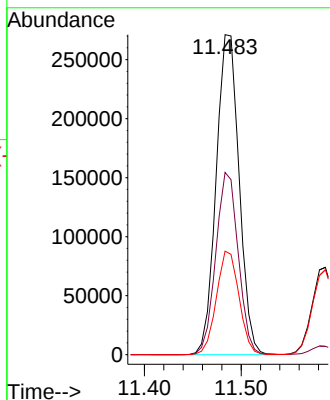
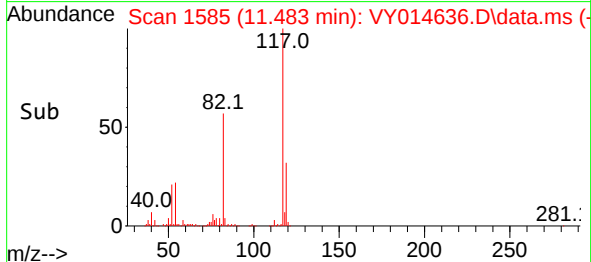
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



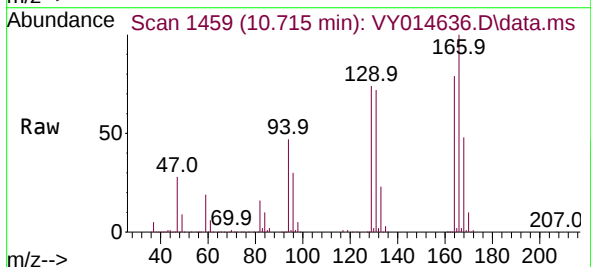
Tgt Ion:117 Resp: 447033
Ion Ratio Lower Upper
117 100
82 57.0 43.4 65.0
119 32.4 26.3 39.5

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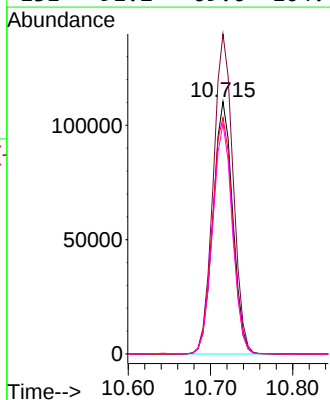
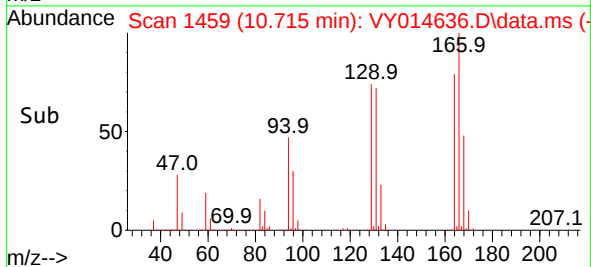
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

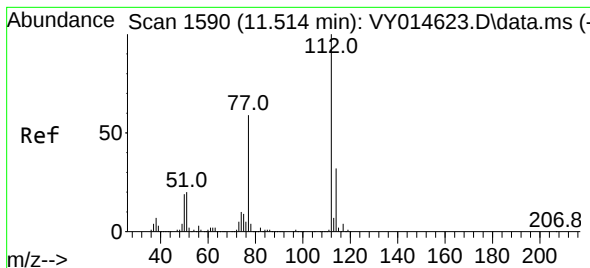


#64
Tetrachloroethene
Concen: 50.951 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47



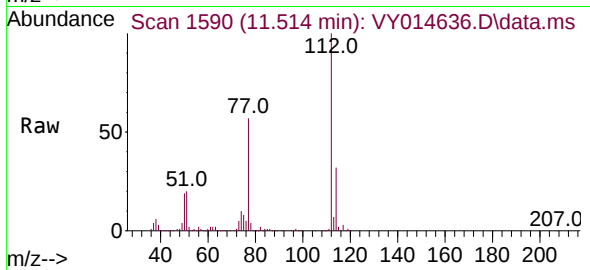
Tgt Ion:164 Resp: 183186
Ion Ratio Lower Upper
164 100
166 126.8 103.0 154.6
129 93.7 77.2 115.8
131 91.2 69.6 104.4





#65
Chlorobenzene
Concen: 49.276 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47

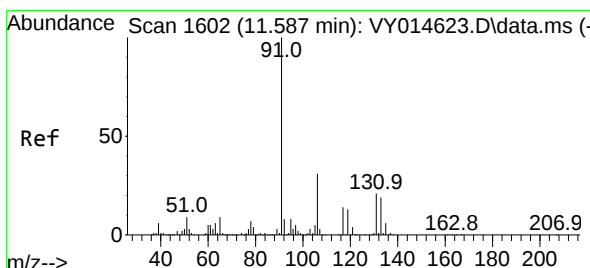
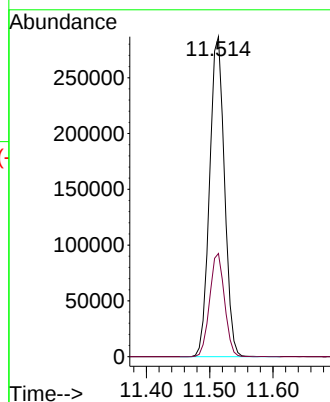
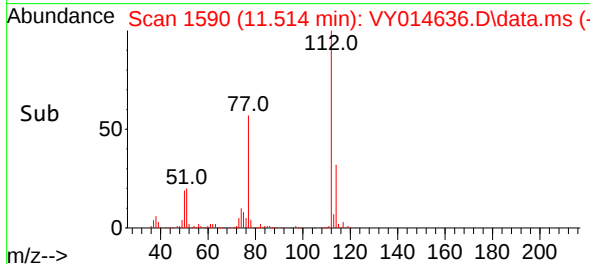
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



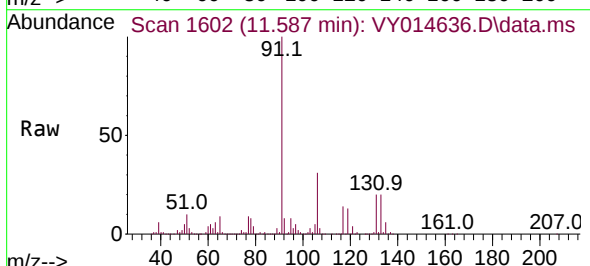
Tgt Ion:112 Resp: 46941
Ion Ratio Lower Upper
112 100
114 32.3 25.5 38.3

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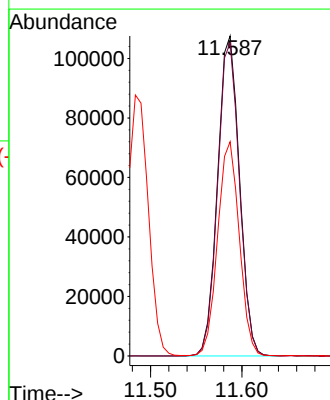
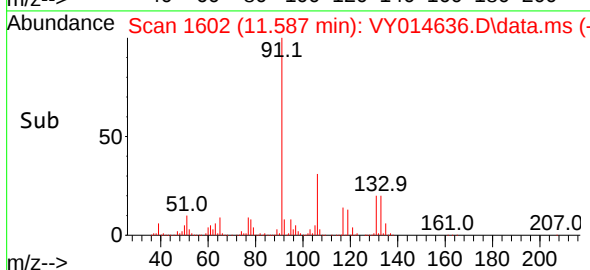
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

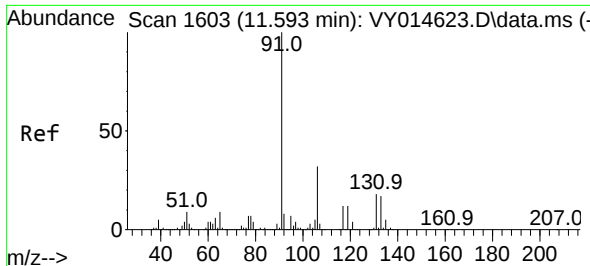


#66
1,1,1,2-Tetrachloroethane
Concen: 49.961 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47



Tgt Ion:131 Resp: 179447
Ion Ratio Lower Upper
131 100
133 97.2 47.5 142.6
119 66.1 31.6 94.7





#67

Ethyl Benzene

Concen: 48.745 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY014636.D

Acq: 13 Jul 2023 18:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 83839

Ion Ratio Lower Upper

91 100

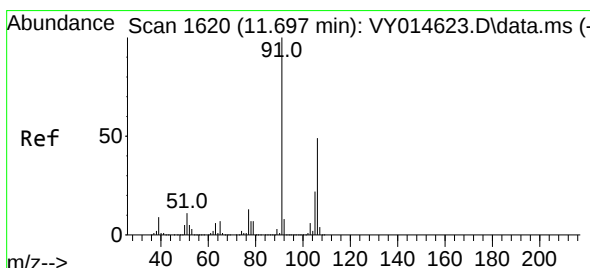
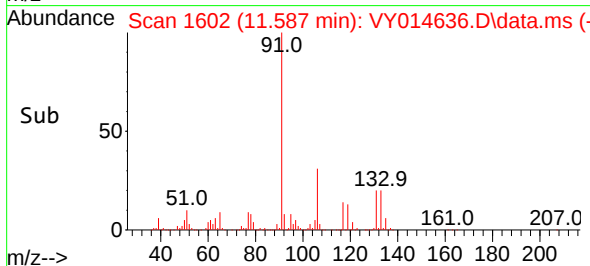
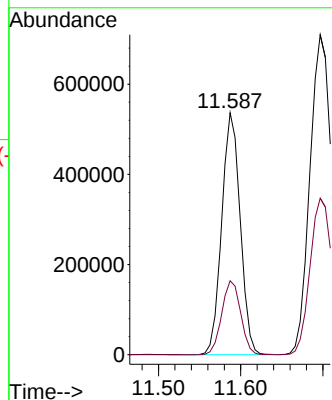
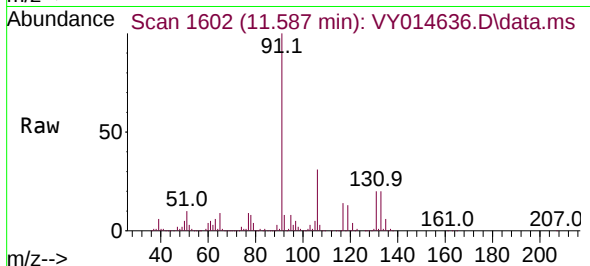
106 30.6 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#68

m/p-Xylenes

Concen: 97.984 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY014636.D

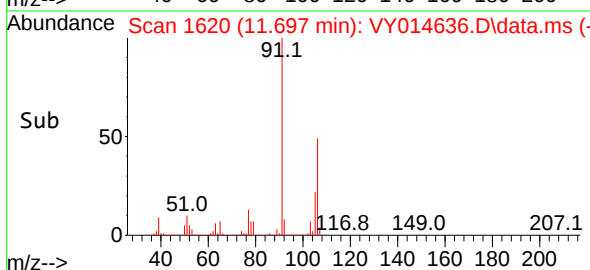
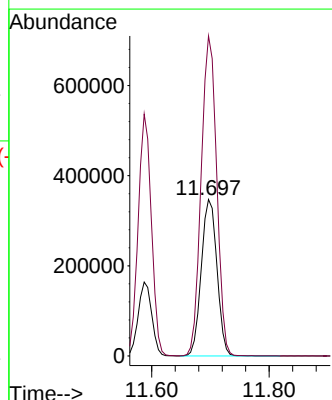
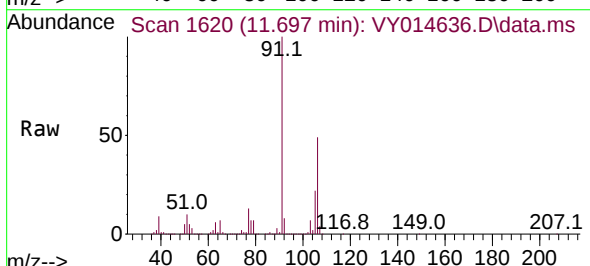
Acq: 13 Jul 2023 18:47

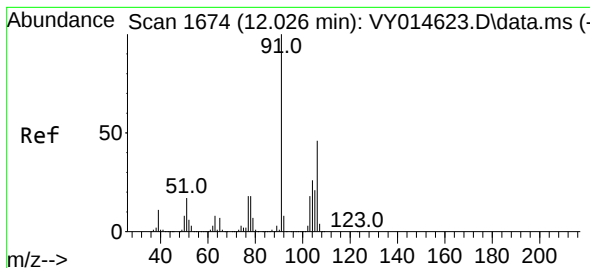
Tgt Ion:106 Resp: 643315

Ion Ratio Lower Upper

106 100

91 202.6 166.1 249.1





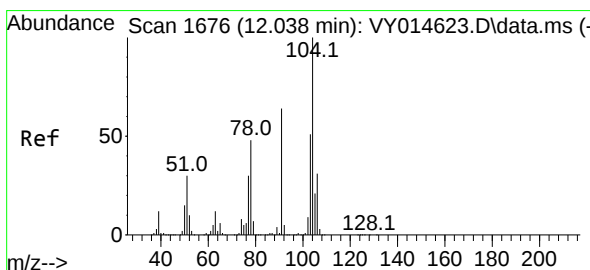
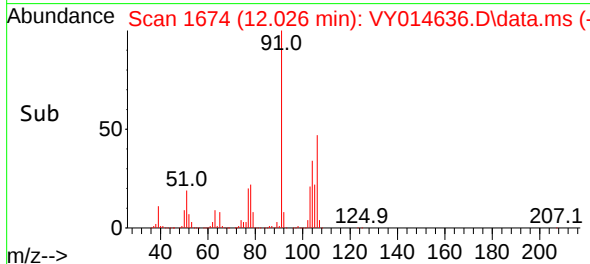
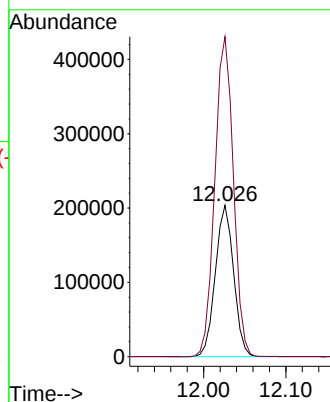
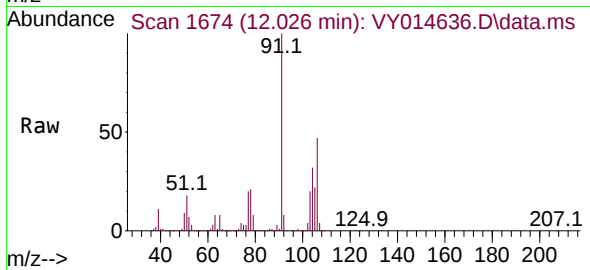
#69
o-Xylene
Concen: 49.205 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 31465
Ion Ratio Lower Upper
106 100
91 214.6 108.1 324.3

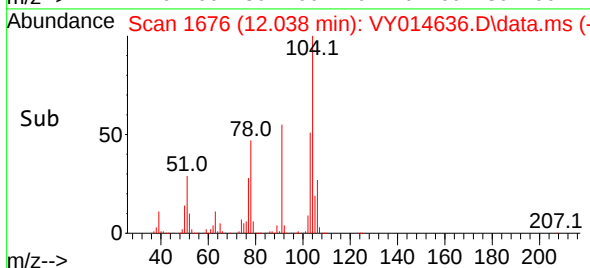
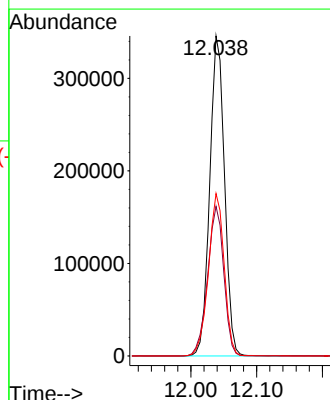
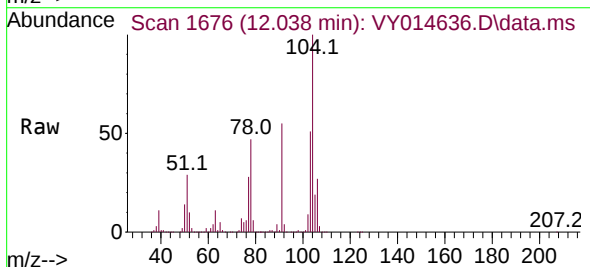
Manual Integrations
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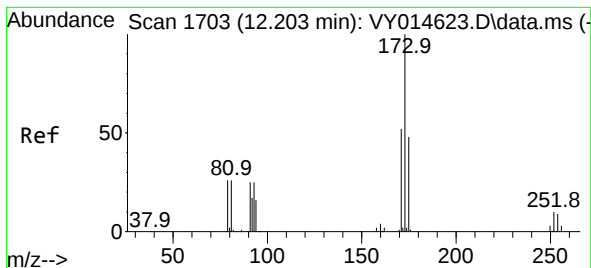
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#70
Styrene
Concen: 50.192 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47

Tgt Ion:104 Resp: 540969
Ion Ratio Lower Upper
104 100
78 51.1 41.5 62.3
103 54.0 44.6 67.0





#71

Bromoform

Concen: 54.213 ug/l

RT: 12.203 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VY014636.D

Acq: 13 Jul 2023 18:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 13198

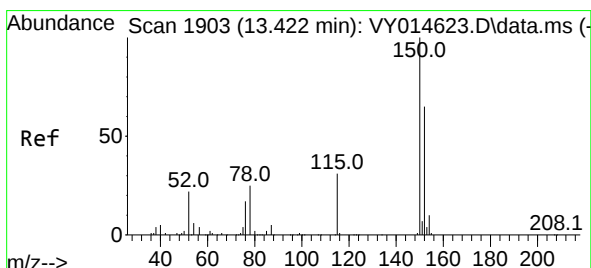
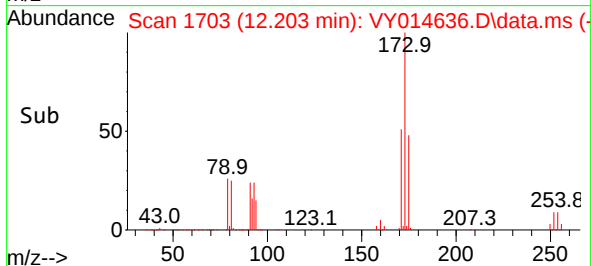
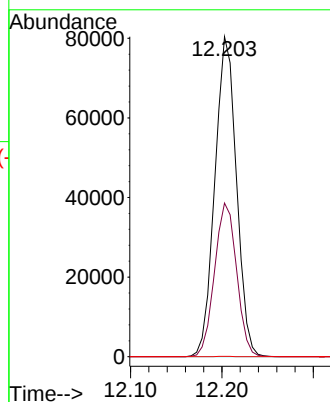
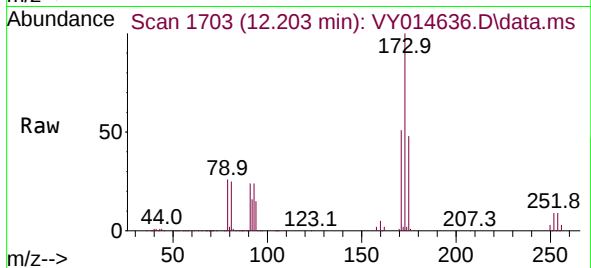
Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.6	73.8
254	0.1	0.2	0.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

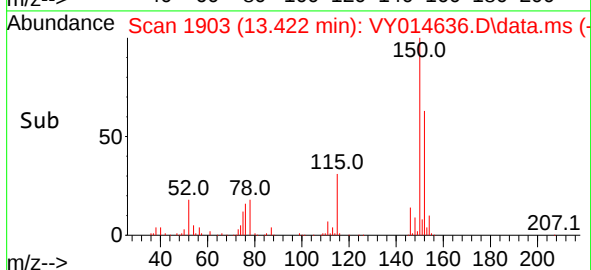
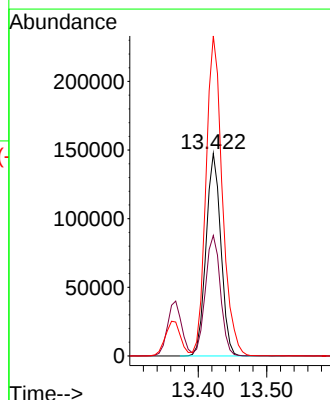
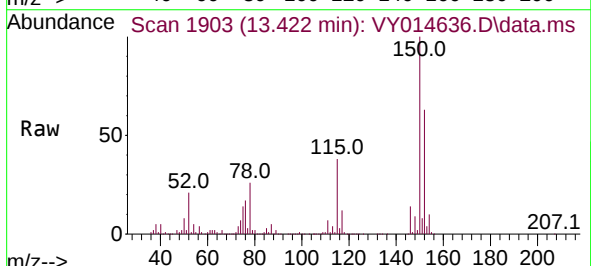
Delta R.T. 0.000 min

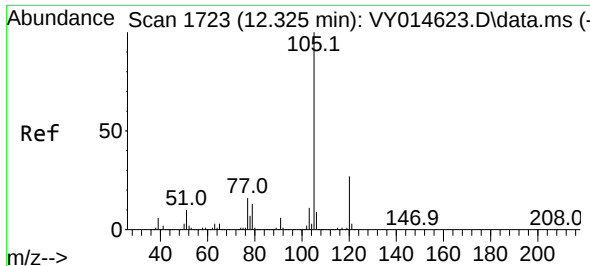
Lab File: VY014636.D

Acq: 13 Jul 2023 18:47

Tgt Ion:152 Resp: 222075

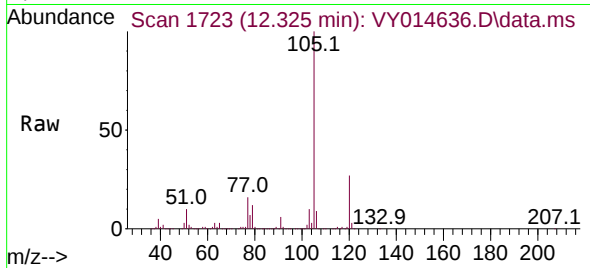
Ion	Ratio	Lower	Upper
152	100		
115	60.3	28.8	86.5
150	174.4	0.0	348.8





#73
Isopropylbenzene
Concen: 47.502 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47

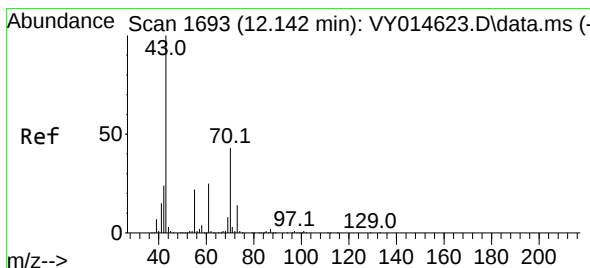
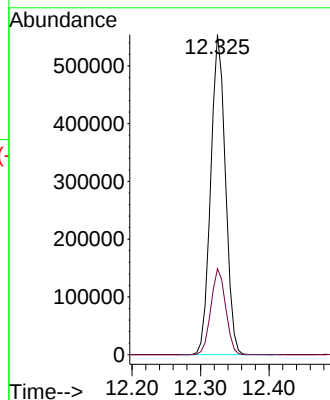
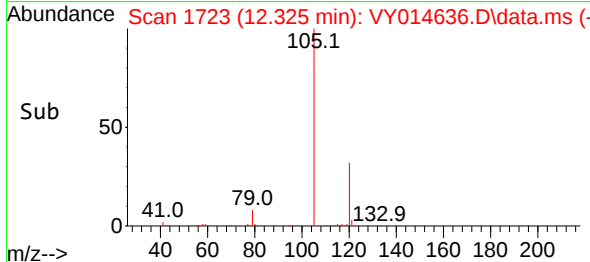
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



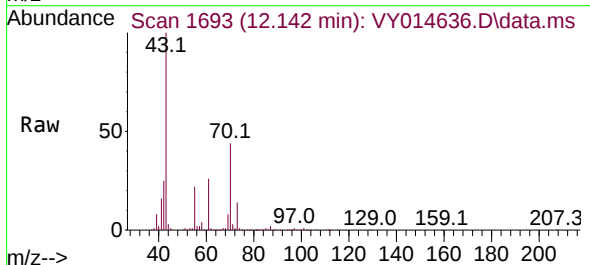
Tgt Ion:105 Resp: 825998
Ion Ratio Lower Upper
105 100
120 26.9 13.3 39.9

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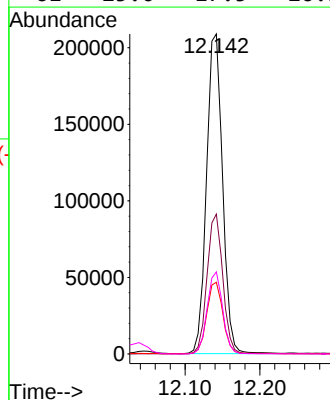
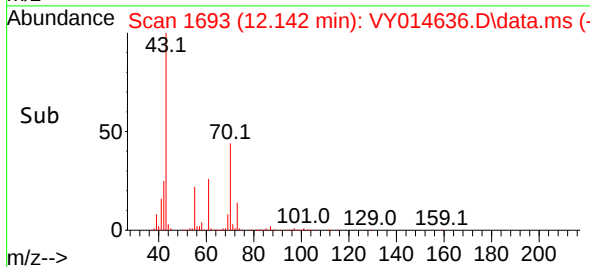
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

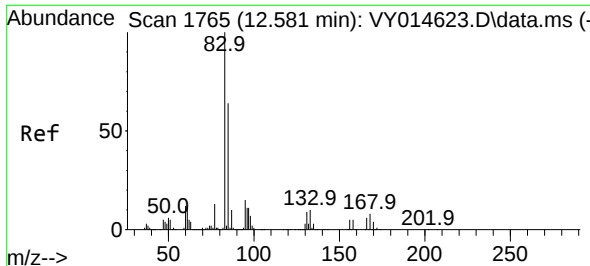


#74
N-ethyl acetate
Concen: 53.339 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47



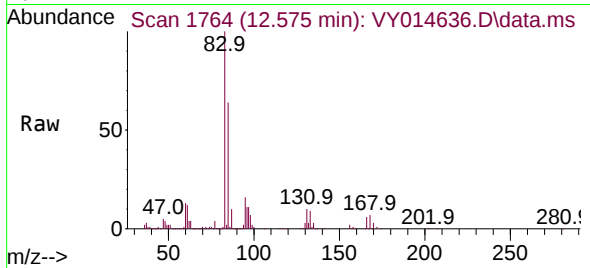
Tgt Ion: 43 Resp: 310634
Ion Ratio Lower Upper
43 100
70 43.1 29.7 44.5
55 22.5 18.3 27.5
61 25.0 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 52.811 ug/l
RT: 12.575 min Scan# 1764
Delta R.T. -0.006 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47

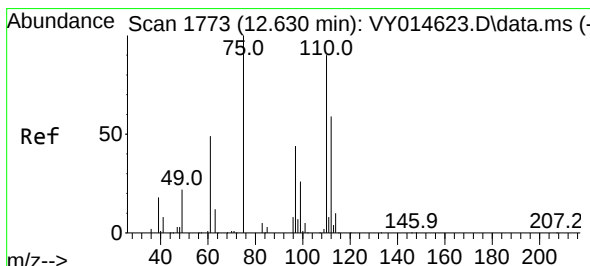
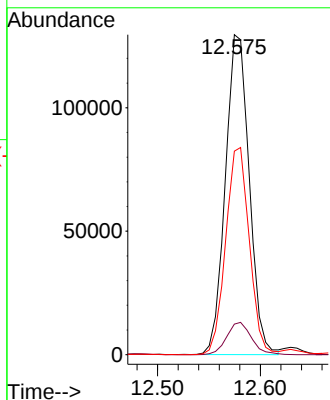
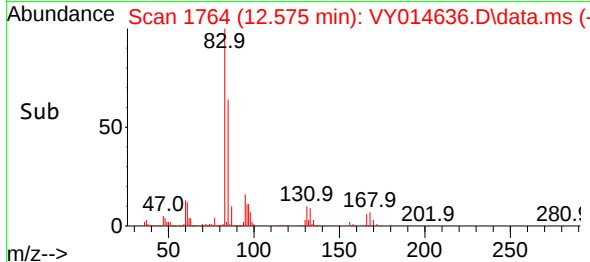
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 209414
Ion Ratio Lower Upper
83 100
131 10.5 5.4 16.2
85 64.2 31.8 95.4

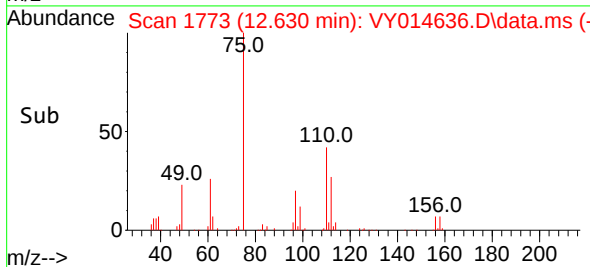
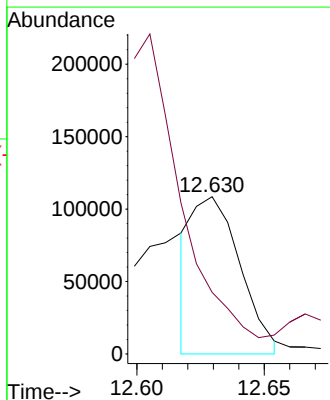
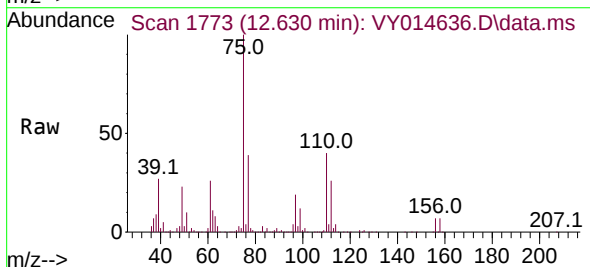
Manual Integrations
APPROVED

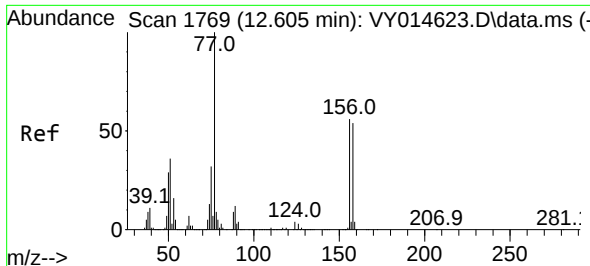
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#76
1,2,3-Trichloropropane
Concen: 50.778 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.001 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47

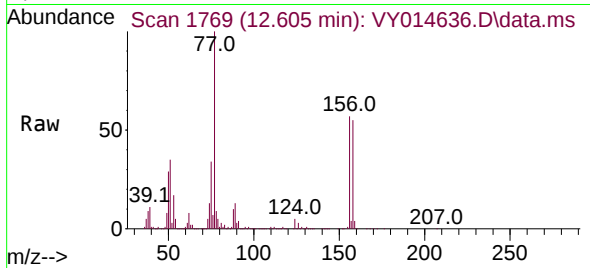
Tgt Ion: 75 Resp: 142420
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 49.767 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47

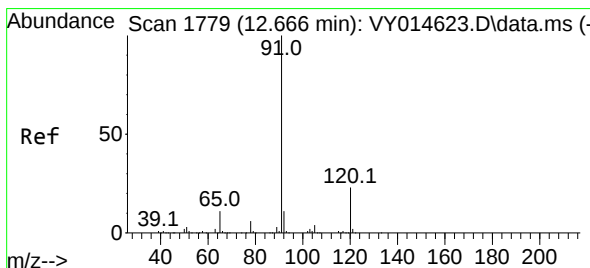
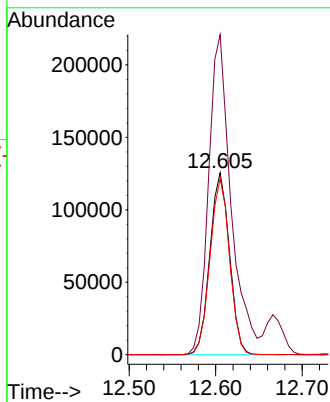
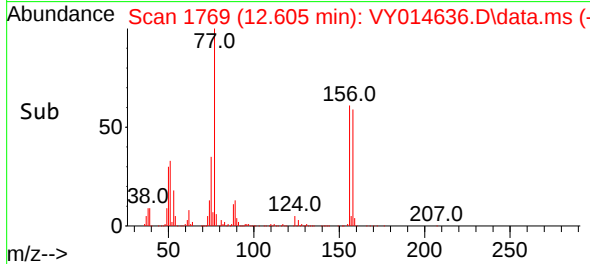
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



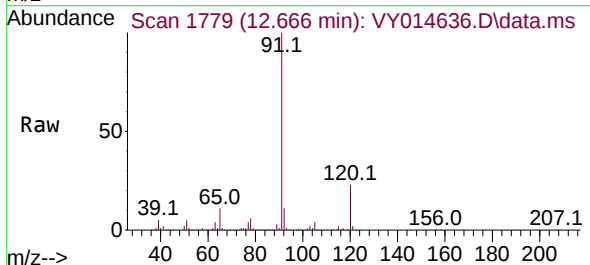
Tgt Ion:156 Resp: 197538
Ion Ratio Lower Upper
156 100
77 200.8 92.8 278.6
158 96.2 48.4 145.3

Manual Integrations
APPROVED

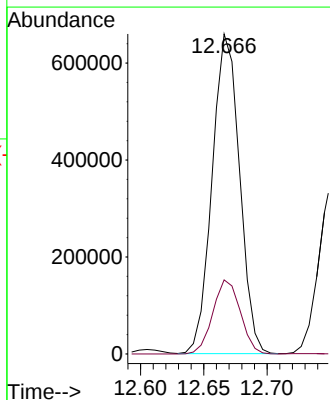
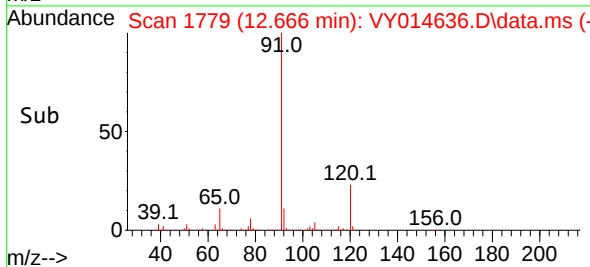
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

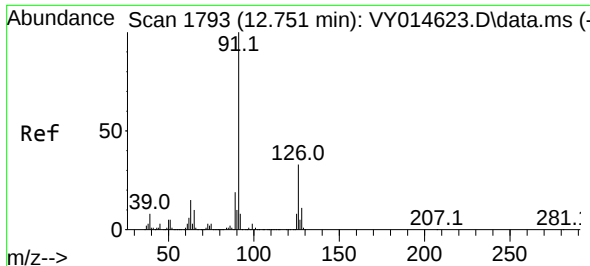


#78
n-propylbenzene
Concen: 47.412 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47



Tgt Ion: 91 Resp: 993437
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.4





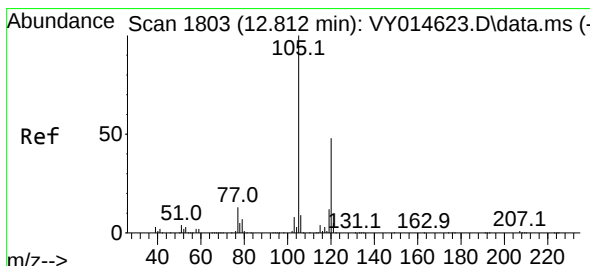
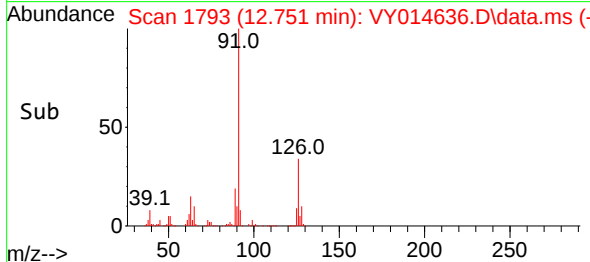
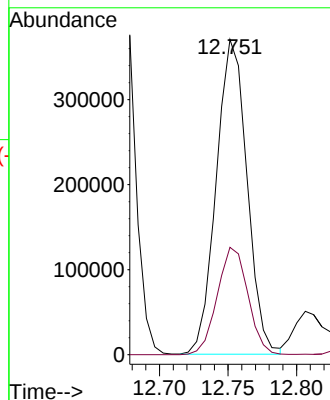
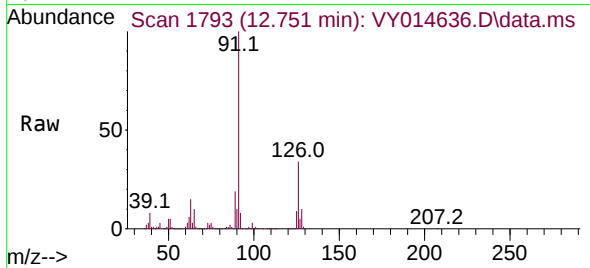
#79
2-Chlorotoluene
Concen: 47.938 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 578558
Ion Ratio Lower Upper
91 100
126 33.9 17.3 51.7

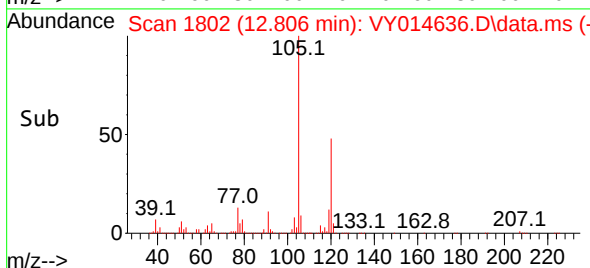
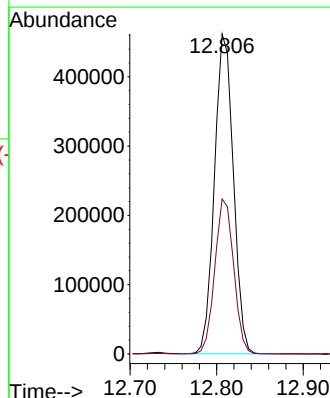
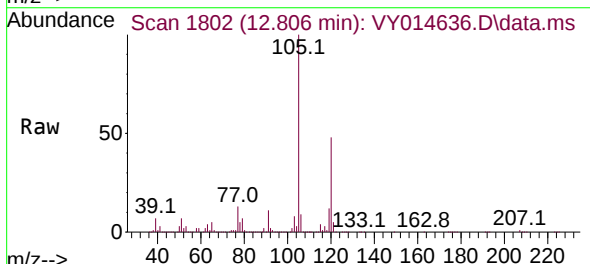
Manual Integrations
APPROVED

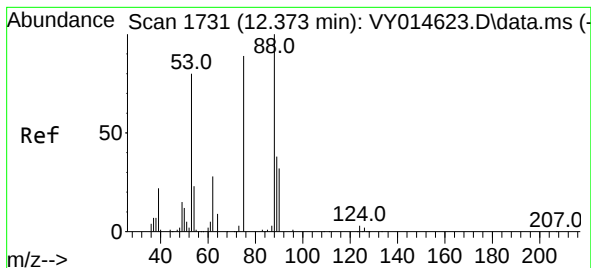
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#80
1,3,5-Trimethylbenzene
Concen: 48.236 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47

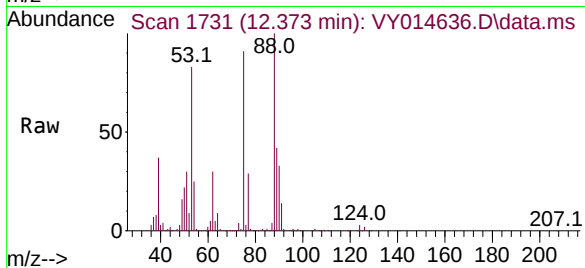
Tgt Ion:105 Resp: 700475
Ion Ratio Lower Upper
105 100
120 48.4 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 51.919 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47

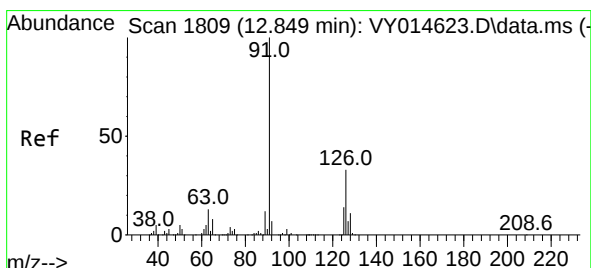
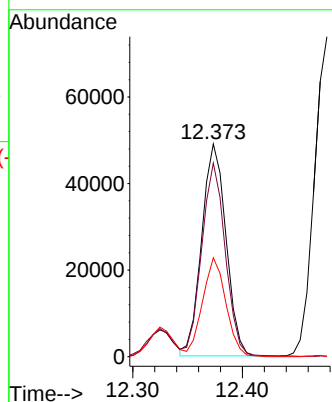
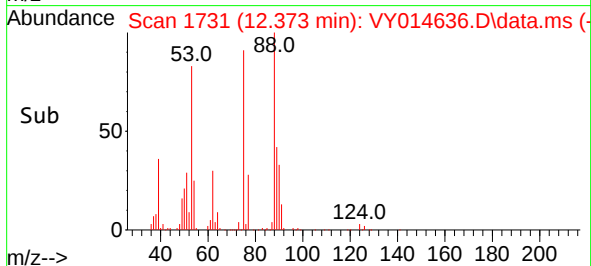
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 75210
Ion Ratio Lower Upper
75 100
53 89.3 77.8 116.8
89 44.8 37.4 56.0

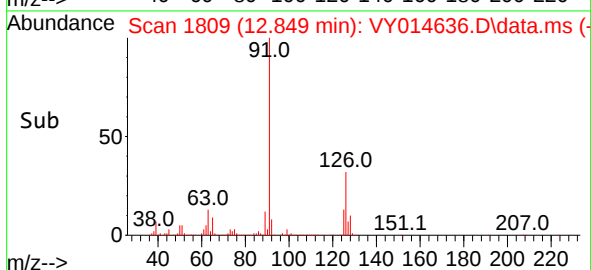
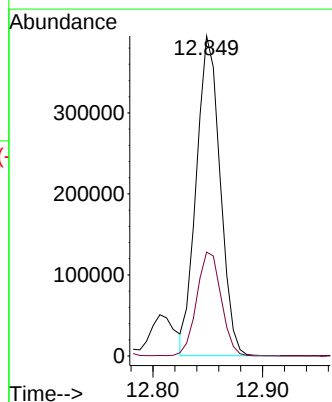
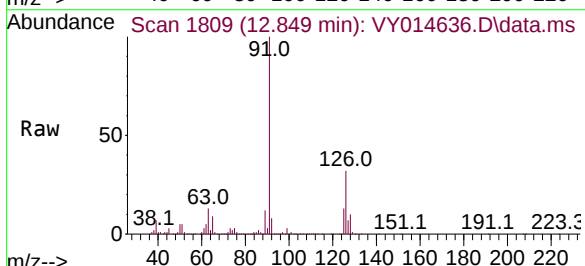
Manual Integrations
APPROVED

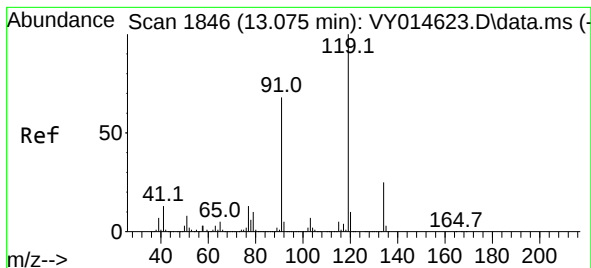
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#82
4-Chlorotoluene
Concen: 47.865 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47

Tgt Ion: 91 Resp: 594943
Ion Ratio Lower Upper
91 100
126 33.6 17.2 51.6





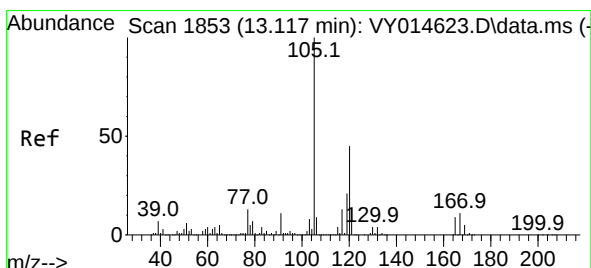
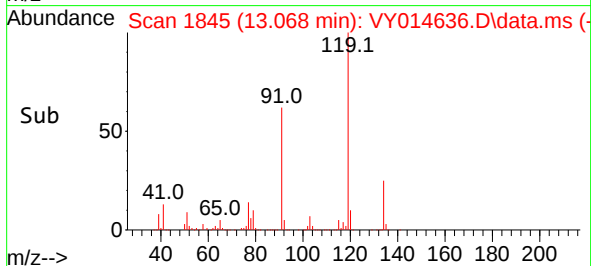
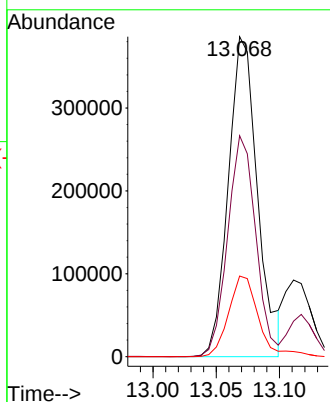
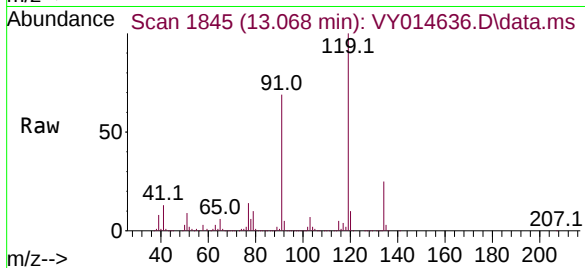
#83
tert-Butylbenzene
Concen: 48.041 ug/l
RT: 13.068 min Scan# 1845
Delta R.T. -0.007 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 618860
Ion Ratio Lower Upper
119 100
91 66.7 32.9 98.6
134 26.0 13.0 38.9

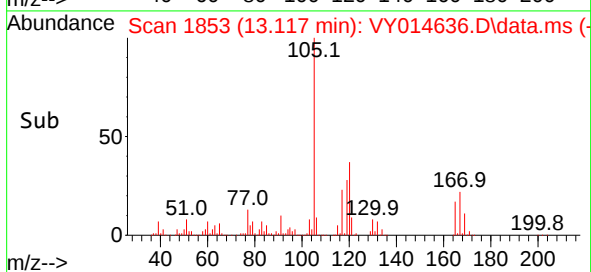
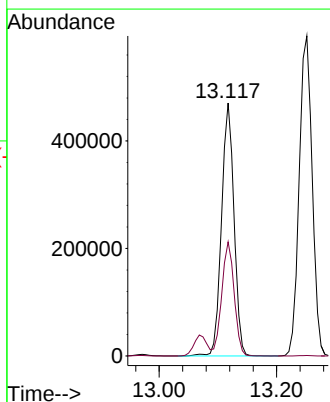
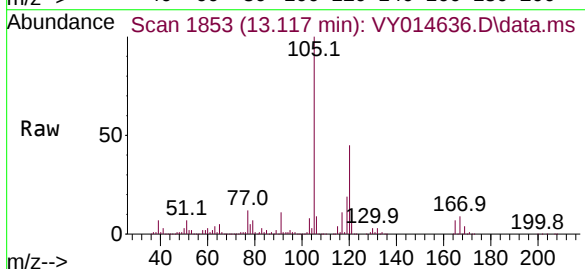
Manual Integrations
APPROVED

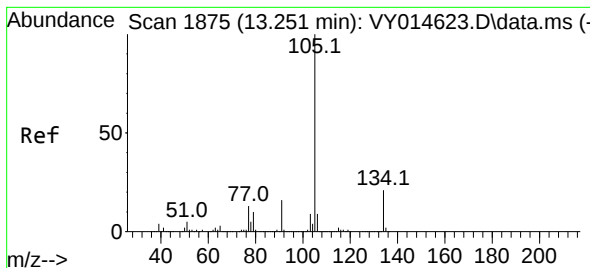
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#84
1,2,4-Trimethylbenzene
Concen: 48.666 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47

Tgt Ion:105 Resp: 693575
Ion Ratio Lower Upper
105 100
120 44.9 22.2 66.6





#85

sec-Butylbenzene

Concen: 48.229 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY014636.D

Acq: 13 Jul 2023 18:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 911374

Ion Ratio Lower Upper

105 100

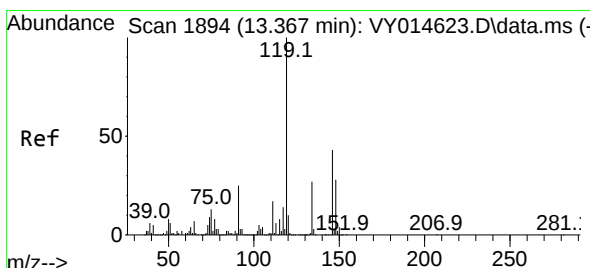
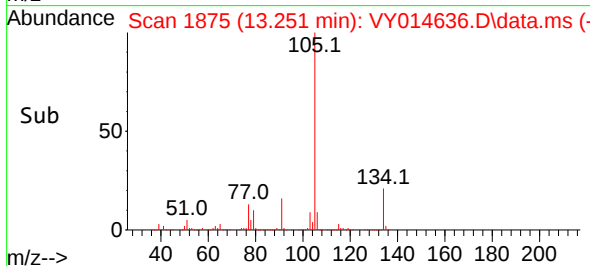
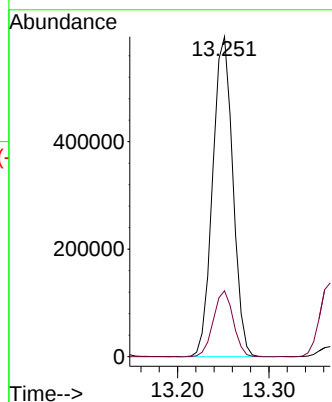
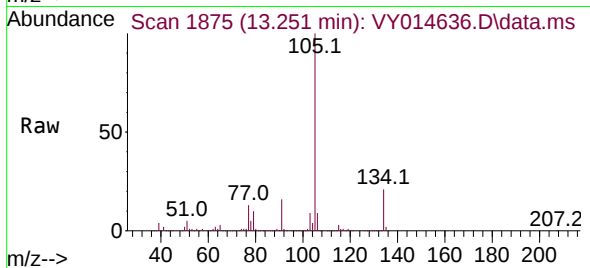
134 20.3 10.2 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#86

p-Isopropyltoluene

Concen: 48.503 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY014636.D

Acq: 13 Jul 2023 18:47

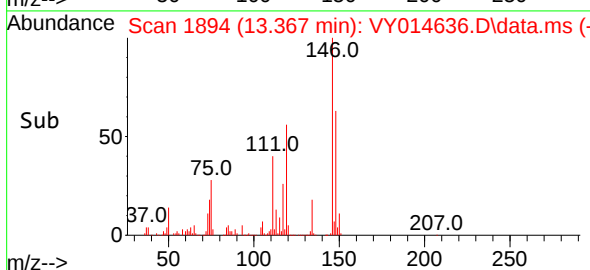
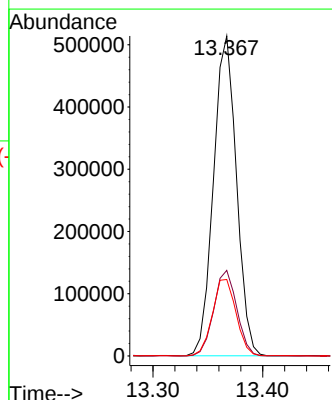
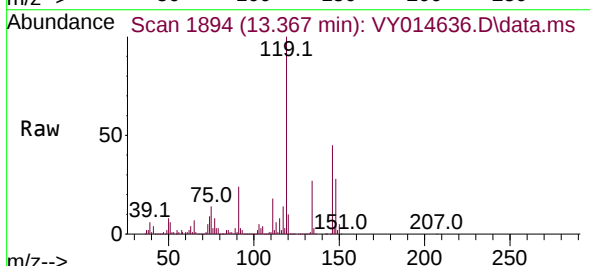
Tgt Ion:119 Resp: 748338

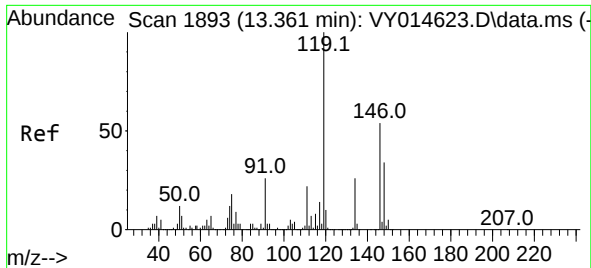
Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.8

91 24.6 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 49.560 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VY014636.D

Acq: 13 Jul 2023 18:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 38285

Ion Ratio Lower Upper

146 100

111 40.9 19.4 58.2

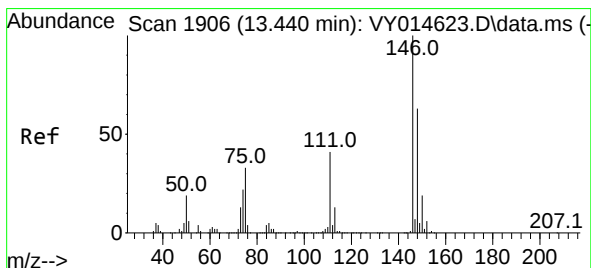
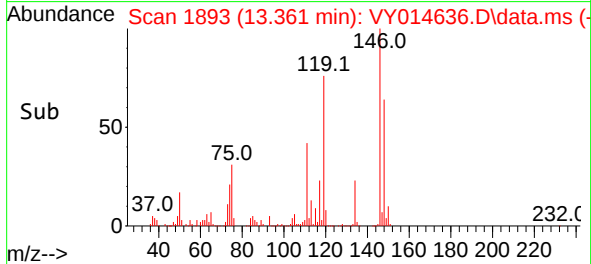
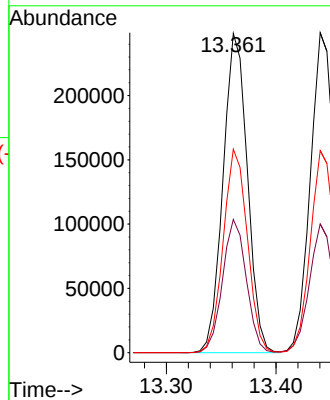
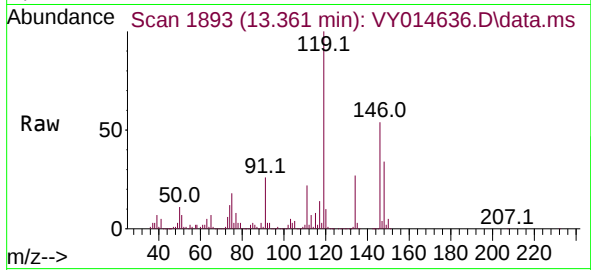
148 63.3 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#88

1,4-Dichlorobenzene

Concen: 49.785 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY014636.D

Acq: 13 Jul 2023 18:47

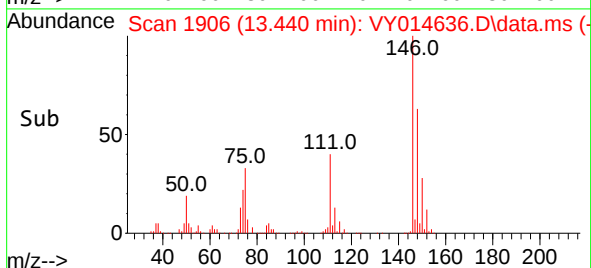
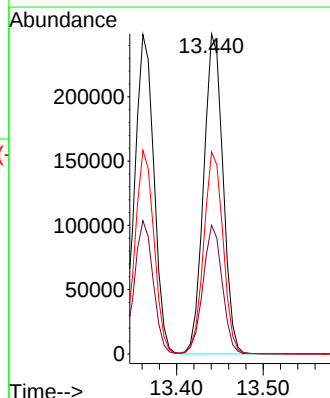
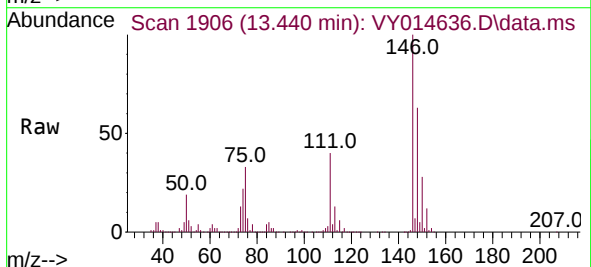
Tgt Ion:146 Resp: 385397

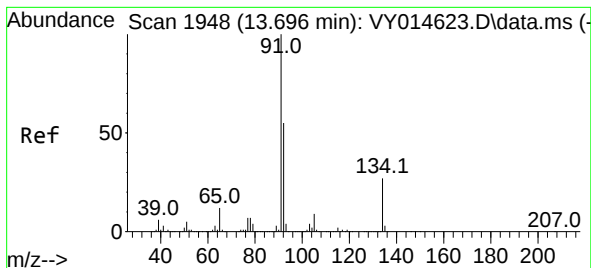
Ion Ratio Lower Upper

146 100

111 40.1 18.9 56.7

148 63.1 32.1 96.5





#89

n-Butylbenzene

Concen: 47.776 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY014636.D

Acq: 13 Jul 2023 18:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

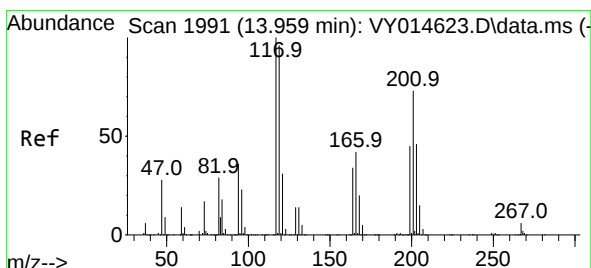
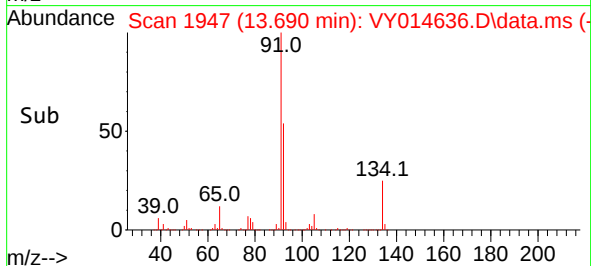
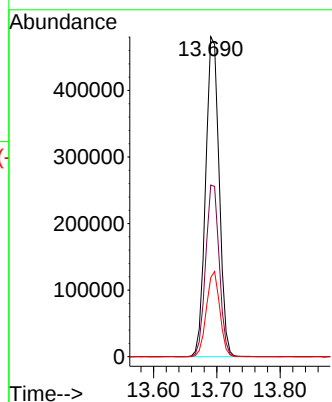
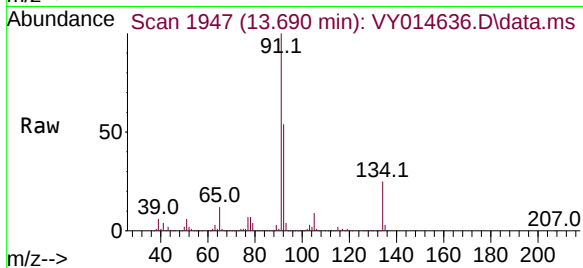
Tgt Ion: 91 Resp: 717140
 Ion Ratio Lower Upper
 91 100
 92 54.0 25.4 76.0
 134 26.3 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#90

Hexachloroethane

Concen: 48.394 ug/l

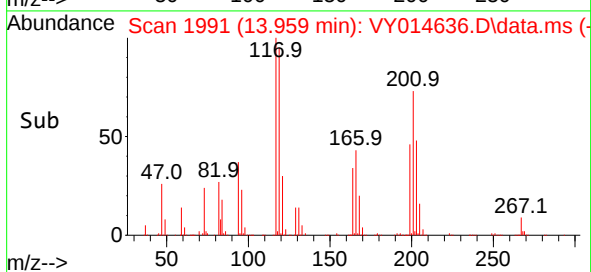
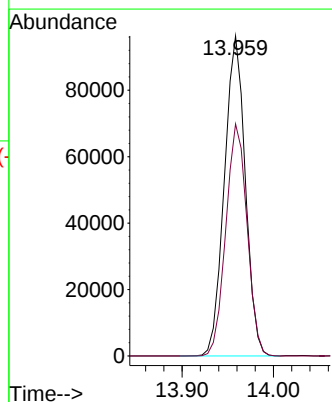
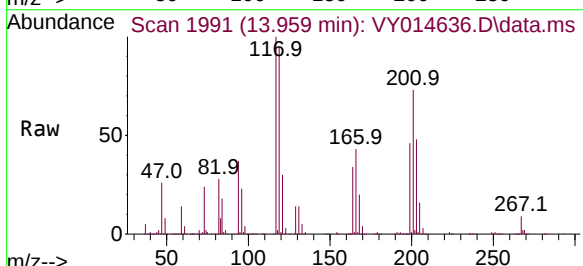
RT: 13.959 min Scan# 1991

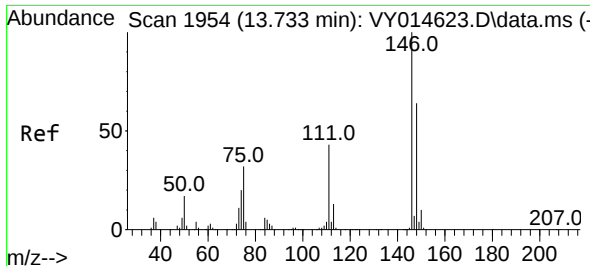
Delta R.T. -0.000 min

Lab File: VY014636.D

Acq: 13 Jul 2023 18:47

Tgt Ion:117 Resp: 153365
 Ion Ratio Lower Upper
 117 100
 201 73.4 41.6 124.8





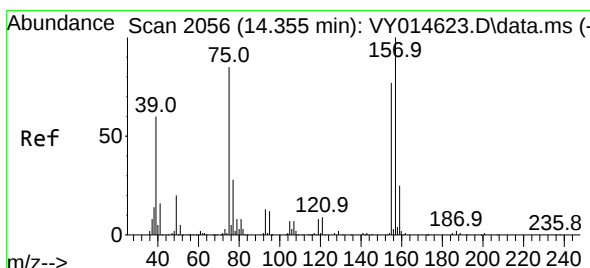
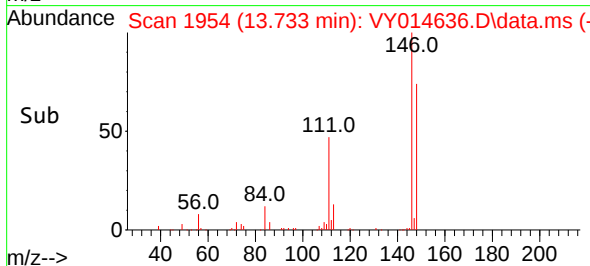
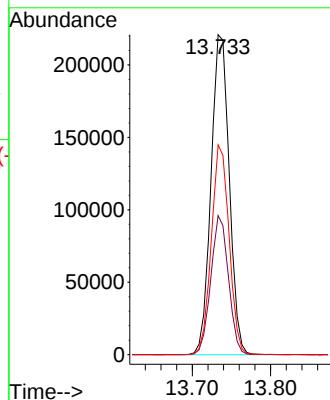
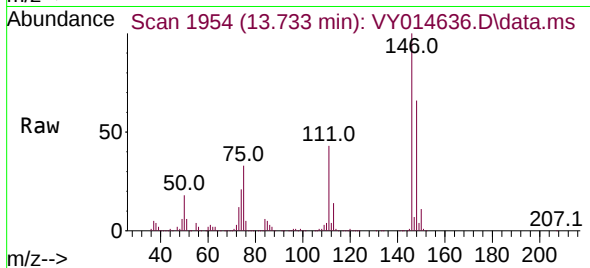
#91
1,2-Dichlorobenzene
Concen: 50.429 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 356919
Ion Ratio Lower Upper
146 100
111 42.1 19.7 59.0
148 63.9 32.0 96.2

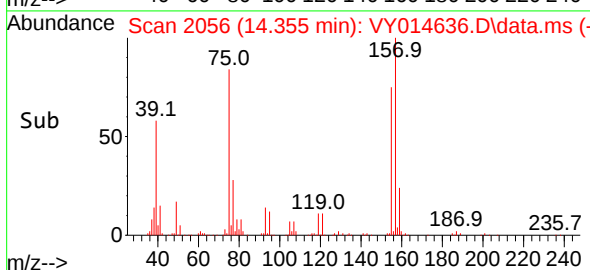
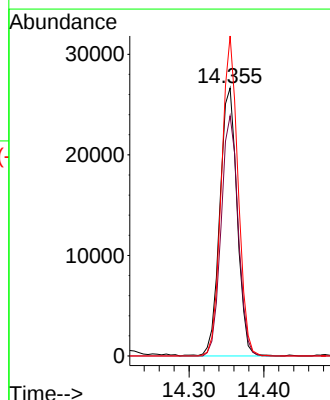
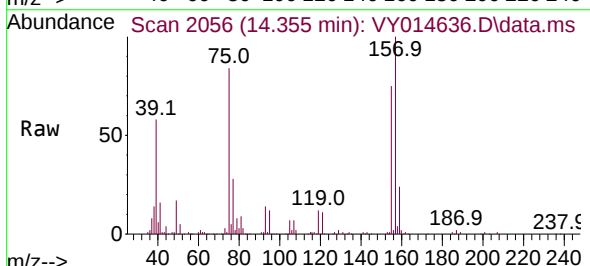
Manual Integrations
APPROVED

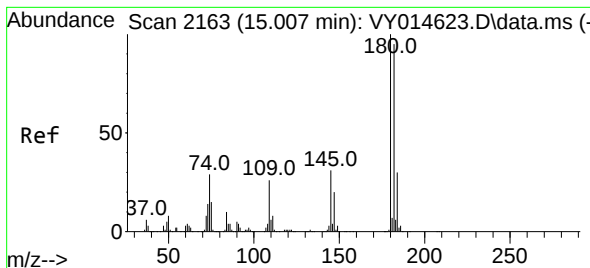
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 56.575 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47

Tgt Ion: 75 Resp: 42903
Ion Ratio Lower Upper
75 100
155 88.3 41.5 124.6
157 114.0 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 50.660 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY014636.D

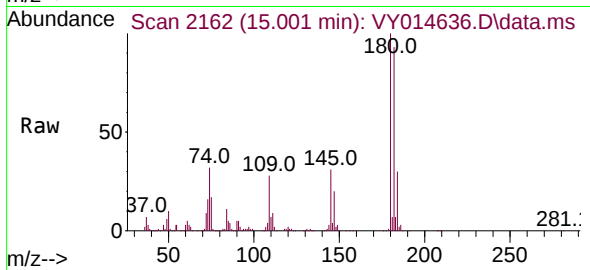
Acq: 13 Jul 2023 18:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion:180 Resp: 22761

Ion Ratio Lower Upper

180 100

182 94.6 47.0 141.2

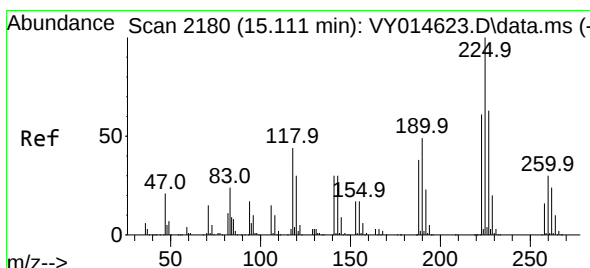
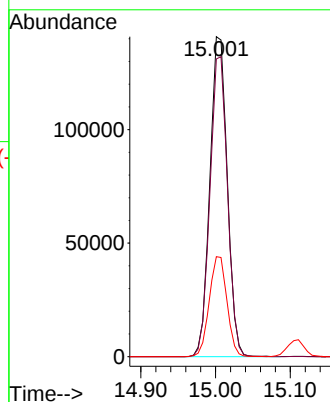
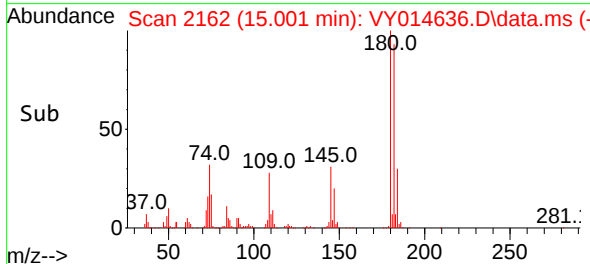
145 31.8 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#94

Hexachlorobutadiene

Concen: 48.811 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014636.D

Acq: 13 Jul 2023 18:47

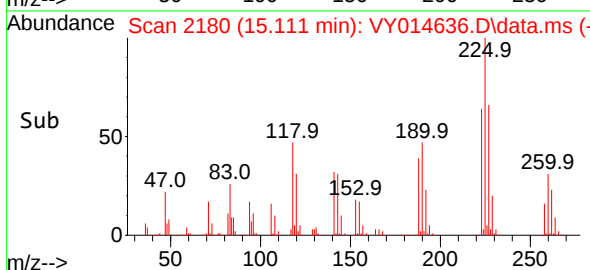
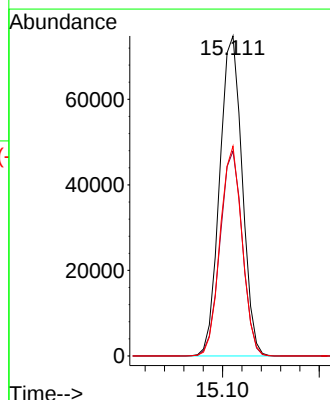
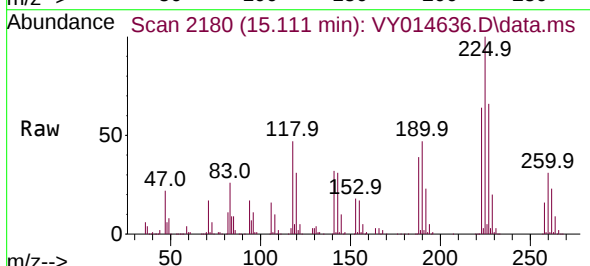
Tgt Ion:225 Resp: 120515

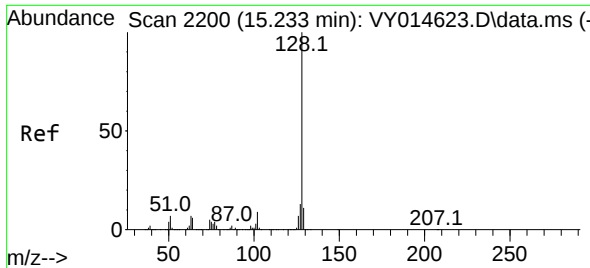
Ion Ratio Lower Upper

225 100

223 63.5 31.9 95.9

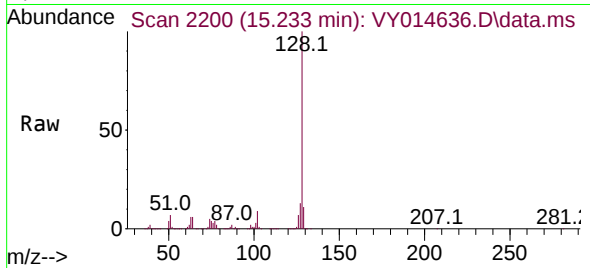
227 64.0 33.0 98.9





#95
Naphthalene
Concen: 55.450 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47

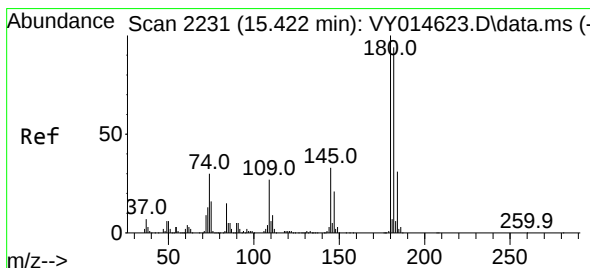
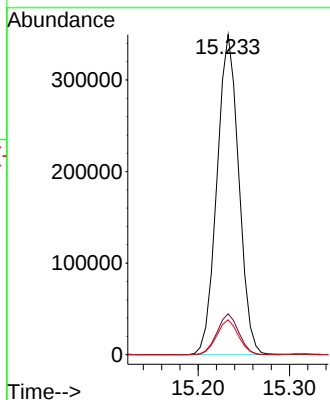
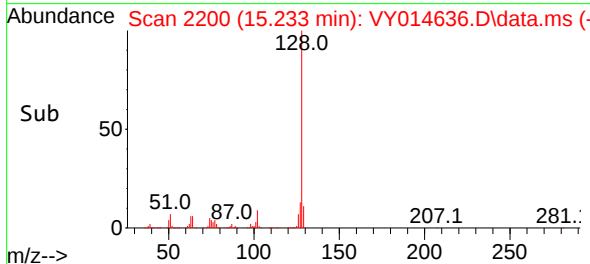
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 580414
Ion Ratio Lower Upper
128 100
127 12.7 10.8 16.2
129 10.8 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 52.129 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY014636.D
Acq: 13 Jul 2023 18:47

Tgt Ion:180 Resp: 208152
Ion Ratio Lower Upper
180 100
182 93.8 47.3 141.8
145 33.6 15.4 46.2

