

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072423\
 Data File : VY014762.D
 Acq On : 24 Jul 2023 10:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/25/2023
 Supervised By : Mahesh Dadoda 07/25/2023

Quant Time: Jul 24 13:00:08 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	253560	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	417427	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	368479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	183898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	145966	50.517	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.040%			
35) Dibromofluoromethane	7.710	113	133832	50.365	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.740%			
50) Toluene-d8	10.179	98	476582	48.647	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.300%			
62) 4-Bromofluorobenzene	12.477	95	175770	46.792	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 93.580%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	81085	39.251	ug/l	99
3) Chloromethane	2.107	50	115328	49.664	ug/l	97
4) Vinyl Chloride	2.247	62	128886	49.663	ug/l	94
5) Bromomethane	2.644	94	78093	45.533	ug/l	99
6) Chloroethane	2.784	64	85083	52.485	ug/l	99
7) Trichlorofluoromethane	3.113	101	198654	45.576	ug/l	98
8) Diethyl Ether	3.528	74	76529	47.189	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.887	101	119161	44.603	ug/l	95
10) Methyl Iodide	4.082	142	141321	49.905	ug/l	96
11) Tert butyl alcohol	4.966	59	134789	222.886	ug/l #	83
12) 1,1-Dichloroethene	3.863	96	111465	44.641	ug/l	92
13) Acrolein	3.723	56	59497	197.010	ug/l	99
14) Allyl chloride	4.473	41	190325	42.930	ug/l	96
15) Acrylonitrile	5.155	53	237836	265.950	ug/l	99
16) Acetone	3.948	43	244015	266.503	ug/l	94
17) Carbon Disulfide	4.186	76	294178	41.152	ug/l	99
18) Methyl Acetate	4.473	43	191404	54.473	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	402880	49.671	ug/l	99
20) Methylene Chloride	4.710	84	147756	49.645	ug/l	91
21) trans-1,2-Dichloroethene	5.210	96	127093	44.852	ug/l	95
22) Diisopropyl ether	6.112	45	413858	45.915	ug/l	93
23) Vinyl Acetate	6.051	43	1309753	242.818	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	235437	45.650	ug/l	96
25) 2-Butanone	6.984	43	360745	269.304	ug/l	96
26) 2,2-Dichloropropane	6.978	77	215857	43.915	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	154743	46.916	ug/l	94
28) Bromochloromethane	7.326	49	104695	47.134	ug/l	93
29) Tetrahydrofuran	7.344	42	225076	272.875	ug/l	92
30) Chloroform	7.502	83	251181	47.229	ug/l	97
31) Cyclohexane	7.777	56	189105	39.426	ug/l	92
32) 1,1,1-Trichloroethane	7.691	97	220658	46.099	ug/l	99
36) 1,1-Dichloropropene	7.911	75	178519	44.924	ug/l	99
37) Ethyl Acetate	7.070	43	148158	54.152	ug/l #	95
38) Carbon Tetrachloride	7.893	117	195067	46.437	ug/l	98
39) Methylcyclohexane	9.179	83	217989	42.106	ug/l	95
40) Benzene	8.155	78	520708	46.073	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	70426	50.045	ug/l	97
42) 1,2-Dichloroethane	8.234	62	173730	48.542	ug/l	95
43) Isopropyl Acetate	8.271	43	268921	51.599	ug/l	97
44) Trichloroethene	8.935	130	146928	46.465	ug/l	96
45) 1,2-Dichloropropane	9.209	63	135427	45.890	ug/l	98
46) Dibromomethane	9.301	93	87406	48.822	ug/l	97
47) Bromodichloromethane	9.490	83	201744	47.811	ug/l	100
48) Methyl methacrylate	9.289	41	120614	51.431	ug/l	92
49) 1,4-Dioxane	9.307	88	31424	1076.436	ug/l #	51
51) 4-Methyl-2-Pentanone	10.069	43	761846	278.411	ug/l	94
52) Toluene	10.240	92	333743	46.148	ug/l	94
53) t-1,3-Dichloropropene	10.459	75	217720	47.171	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	232479	46.318	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	124192	49.799	ug/l	96
56) Ethyl methacrylate	10.508	69	191935	50.407	ug/l	91
57) 1,3-Dichloropropane	10.788	76	209443	48.692	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	460599	259.615	ug/l	93
59) 2-Hexanone	10.831	43	563362	282.311	ug/l	92
60) Dibromochloromethane	10.984	129	151159	49.437	ug/l	99
61) 1,2-Dibromoethane	11.087	107	123319	49.568	ug/l	99
64) Tetrachloroethene	10.715	164	140100	47.274	ug/l	98
65) Chlorobenzene	11.514	112	367224	46.767	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	144473	48.798	ug/l	98
67) Ethyl Benzene	11.587	91	649969	45.846	ug/l	100
68) m/p-Xylenes	11.697	106	497893	92.002	ug/l	97
69) o-Xylene	12.026	106	244296	46.346	ug/l	98
70) Styrene	12.038	104	417869	47.036	ug/l	97
71) Bromoform	12.203	173	105605	52.624	ug/l #	99
73) Isopropylbenzene	12.325	105	639874	44.438	ug/l	100
74) N-amyl acetate	12.142	43	237812	49.312	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	162704	49.549	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	120444m	51.858	ug/l	
77) Bromobenzene	12.605	156	153901	46.823	ug/l	95
78) n-propylbenzene	12.672	91	765720	44.130	ug/l	100
79) 2-Chlorotoluene	12.752	91	441025	44.129	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	536986	44.654	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	58062	48.402	ug/l	95
82) 4-Chlorotoluene	12.855	91	455952	44.298	ug/l	100
83) tert-Butylbenzene	13.075	119	477165	44.731	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	528410	44.774	ug/l	99
85) sec-Butylbenzene	13.251	105	696000	44.477	ug/l	99
86) p-Isopropyltoluene	13.367	119	577479	45.199	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	298219	46.618	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	298583	46.578	ug/l	99
89) n-Butylbenzene	13.696	91	544278	43.787	ug/l	96
90) Hexachloroethane	13.959	117	116292	44.314	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	273202	46.614	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	32731	52.122	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	175289	47.114	ug/l	98
94) Hexachlorobutadiene	15.111	225	91388	44.698	ug/l	97
95) Naphthalene	15.233	128	448945	51.794	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	159429	48.216	ug/l	99

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QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration

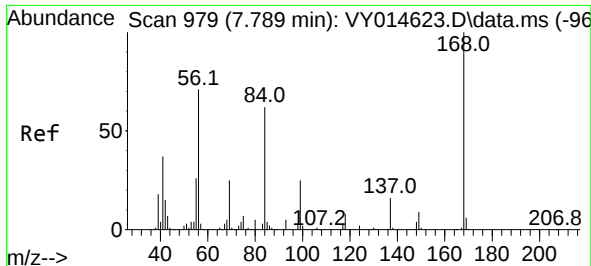
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

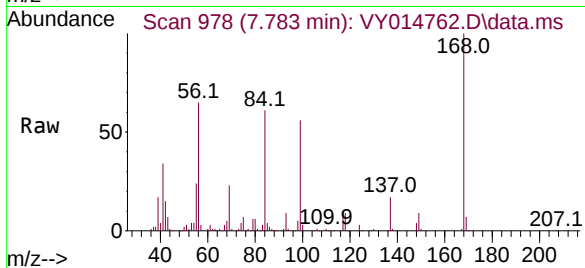
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014762.D
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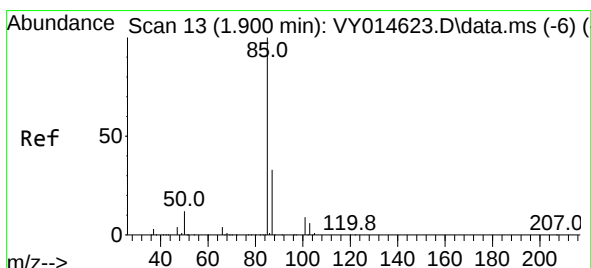
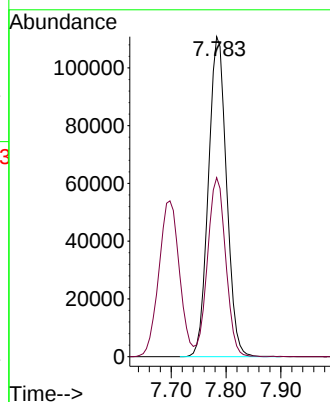
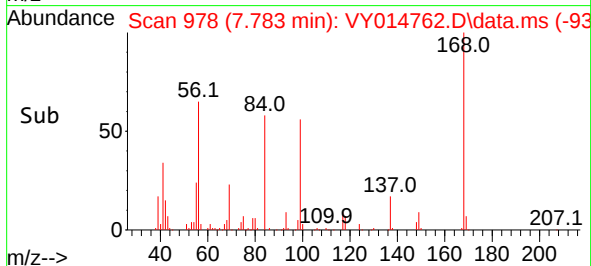
Instrument :
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Tgt Ion:168 Resp: 253560
Ion Ratio Lower Upper
168 100
99 55.8 43.4 65.0

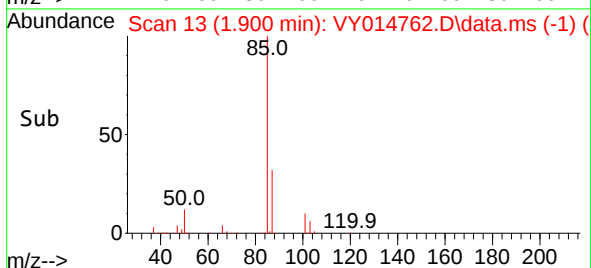
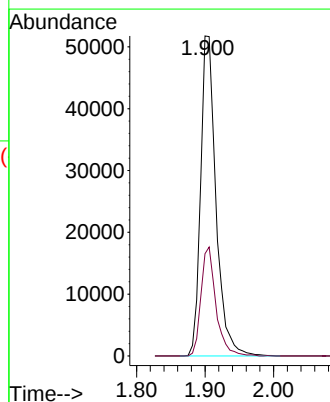
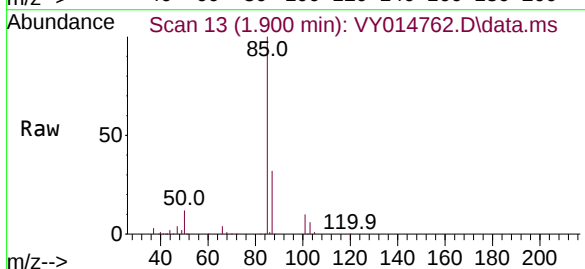
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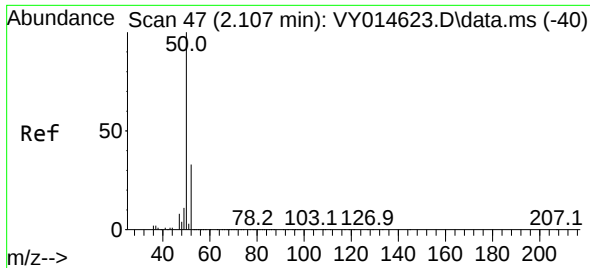
Reviewed By :John Carlone 07/25/2023
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#2
Dichlorodifluoromethane
Concen: 39.251 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39

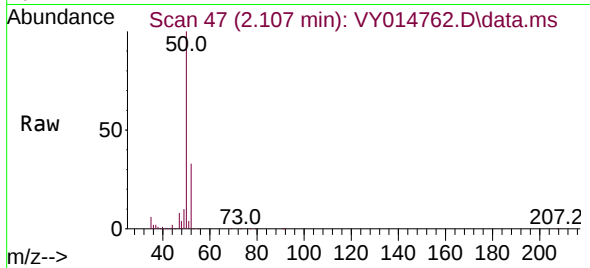
Tgt Ion: 85 Resp: 81085
Ion Ratio Lower Upper
85 100
87 31.9 15.6 46.8





#3
Chloromethane
Concen: 49.664 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39

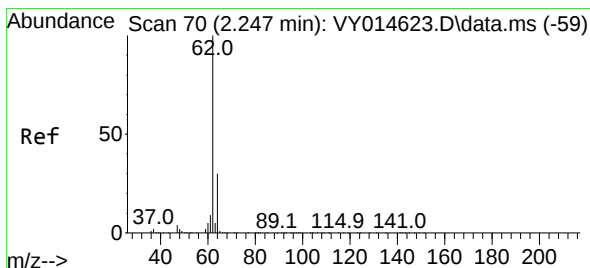
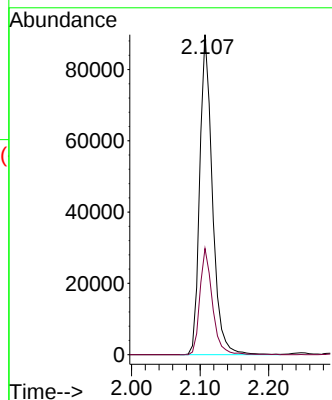
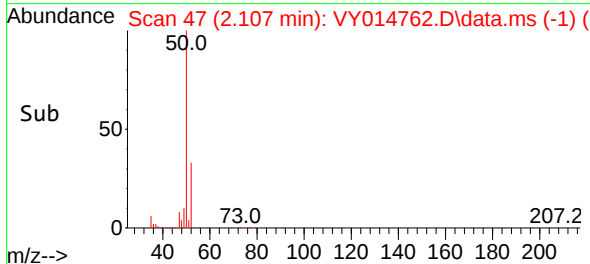
Instrument :
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ClientSampleId :
VSTDCCC050



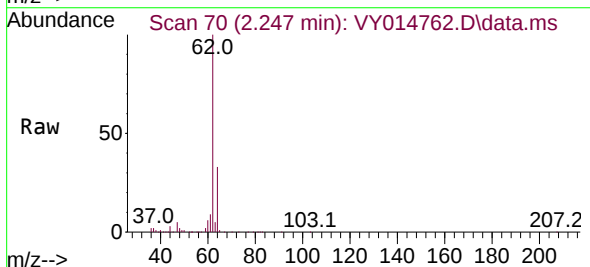
Tgt Ion: 50 Resp: 115328
Ion Ratio Lower Upper
50 100
52 33.2 25.4 38.2

Manual Integrations
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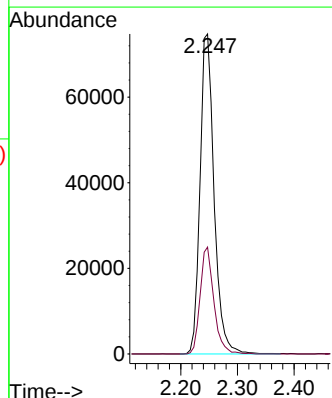
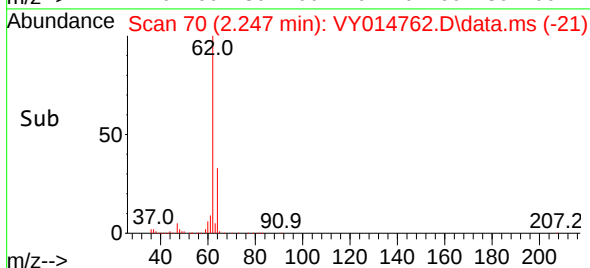
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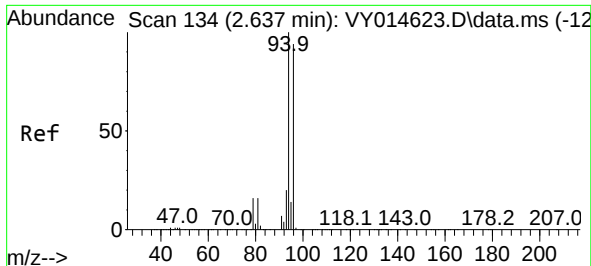


#4
Vinyl Chloride
Concen: 49.663 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39



Tgt Ion: 62 Resp: 128886
Ion Ratio Lower Upper
62 100
64 33.4 24.3 36.5





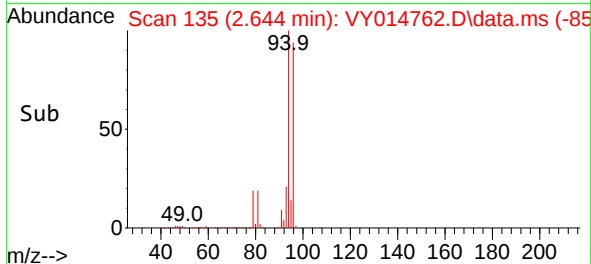
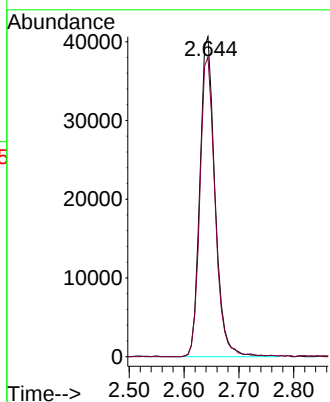
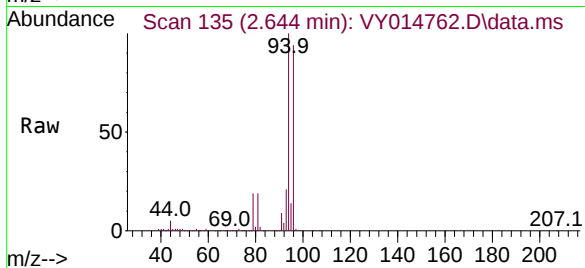
#5
Bromomethane
Concen: 45.533 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014762.D
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Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion: 94 Resp: 7809
Ion Ratio Lower Upper
94 100
96 93.7 75.8 113.6

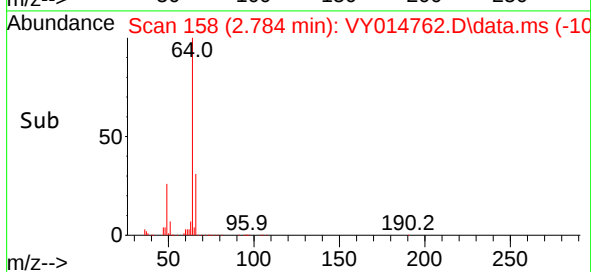
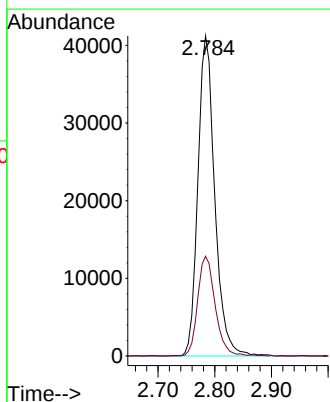
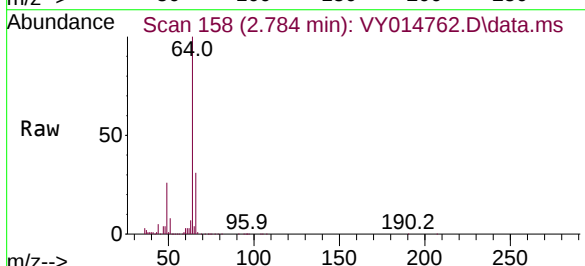
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#6
Chloroethane
Concen: 52.485 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39

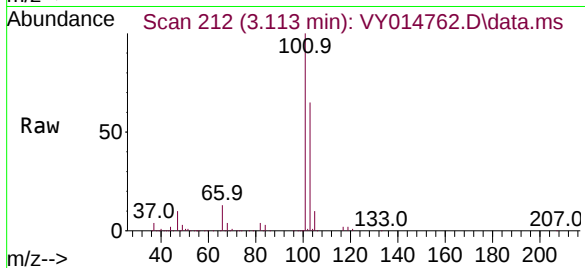
Tgt Ion: 64 Resp: 85083
Ion Ratio Lower Upper
64 100
66 31.2 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 45.576 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VY014762.D
 Acq: 24 Jul 2023 10:39

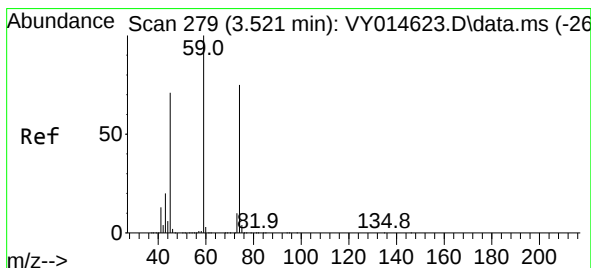
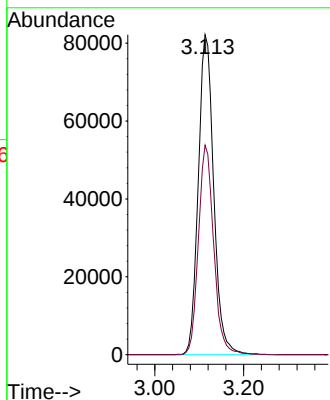
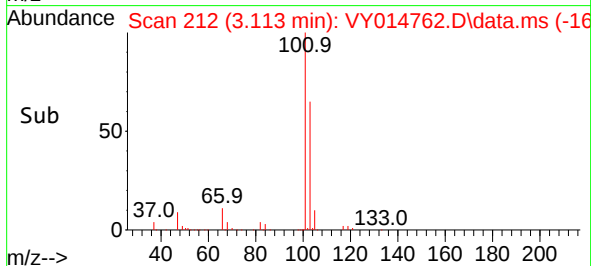
Instrument :
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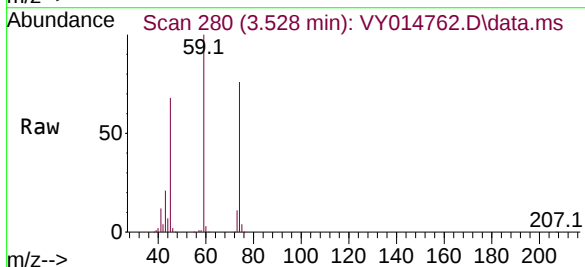
Tgt Ion:101 Resp: 198654
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.4 77.0

Manual Integrations
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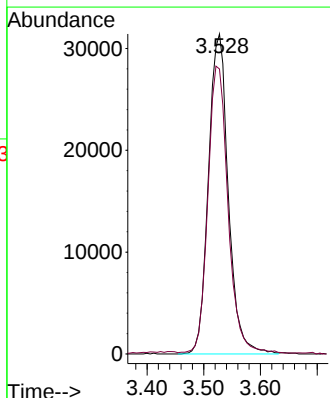
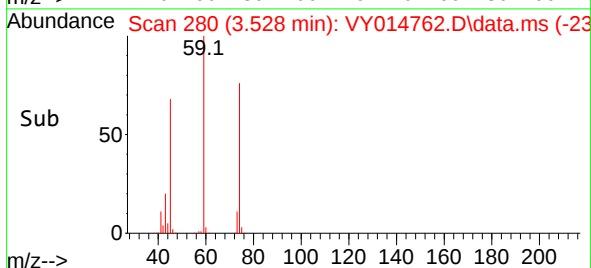
Reviewed By :John Carlone 07/25/2023
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#8
 Diethyl Ether
 Concen: 47.189 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.007 min
 Lab File: VY014762.D
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Tgt Ion: 74 Resp: 76529
 Ion Ratio Lower Upper
 74 100
 45 90.6 51.5 154.5





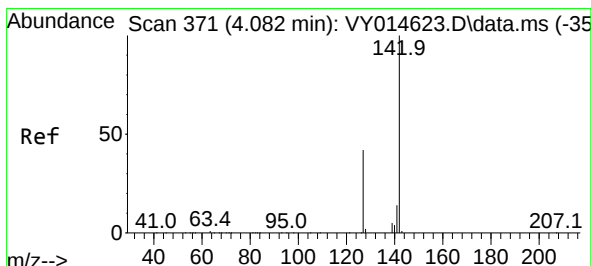
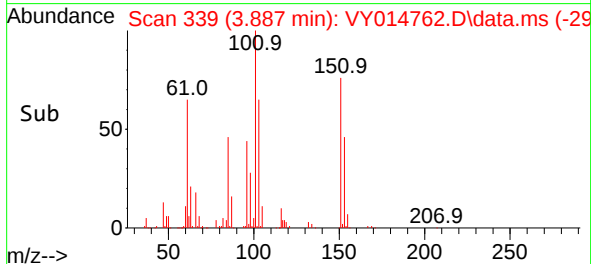
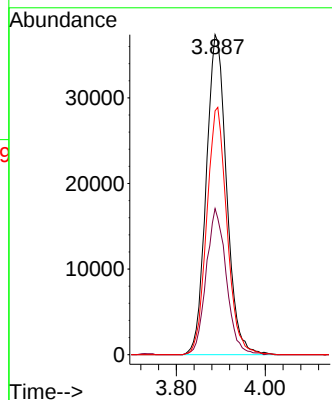
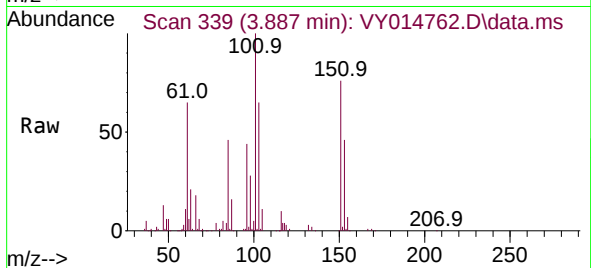
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.603 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39

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Tgt Ion:101 Resp: 11916
Ion Ratio Lower Upper
101 100
85 45.2 36.6 55.0
151 76.8 67.0 100.6

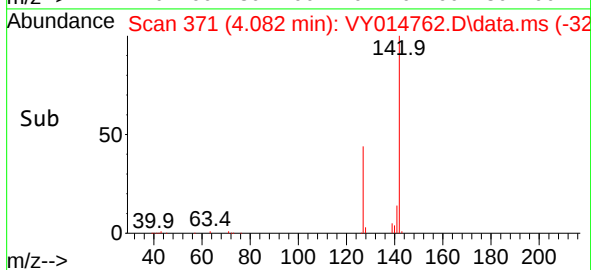
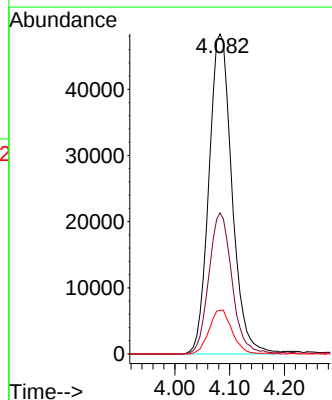
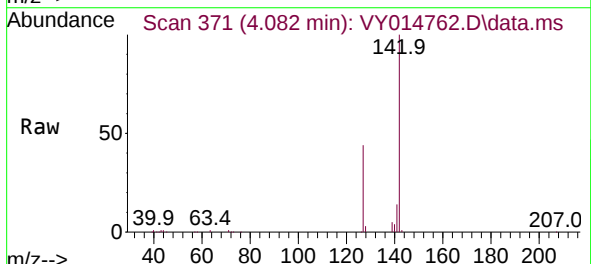
Manual Integrations
APPROVED

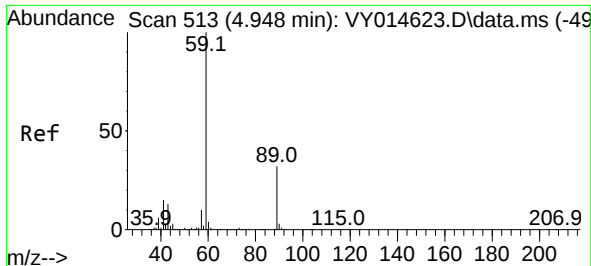
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#10
Methyl Iodide
Concen: 49.905 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39

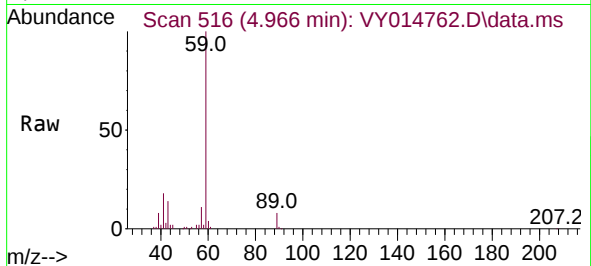
Tgt Ion:142 Resp: 141321
Ion Ratio Lower Upper
142 100
127 44.2 37.6 56.4
141 13.7 11.8 17.8





#11
Tert butyl alcohol
Concen: 222.886 ug/l
RT: 4.966 min Scan# 513
Delta R.T. 0.018 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39

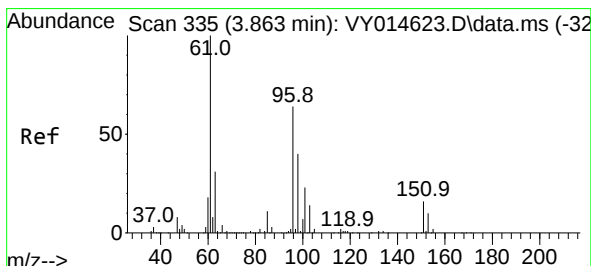
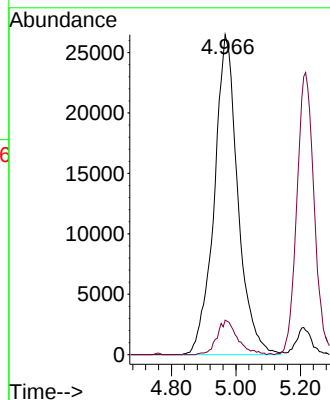
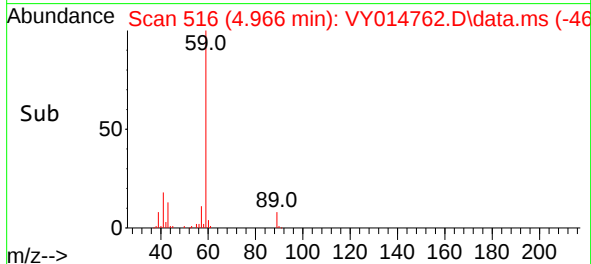
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



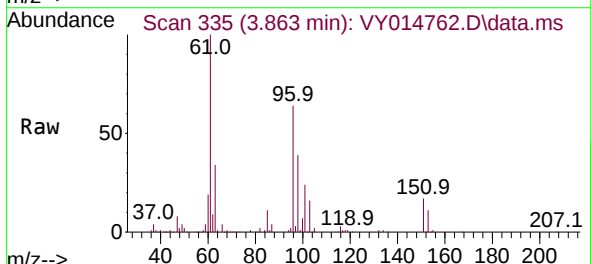
Tgt Ion: 59 Resp: 134789
Ion Ratio Lower Upper
59 100
57 9.4 3.0 4.4

Manual Integrations
APPROVED

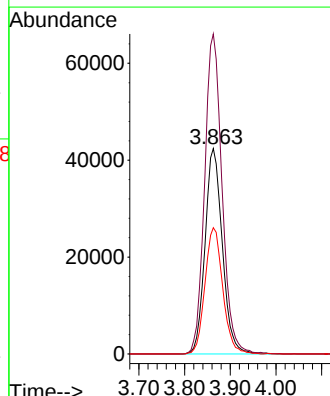
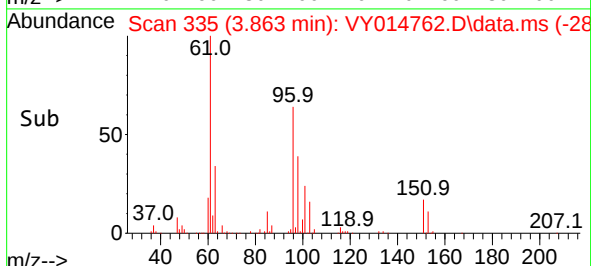
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

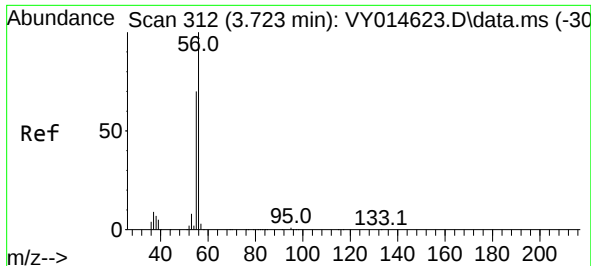


#12
1,1-Dichloroethene
Concen: 44.641 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39



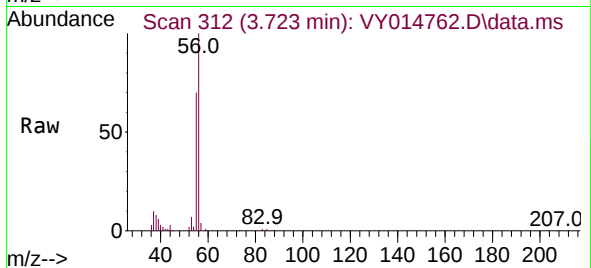
Tgt Ion: 96 Resp: 111465
Ion Ratio Lower Upper
96 100
61 155.8 136.4 204.6
98 61.5 49.4 74.2





#13
Acrolein
Concen: 197.010 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39

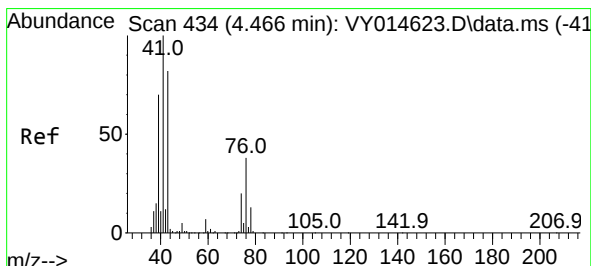
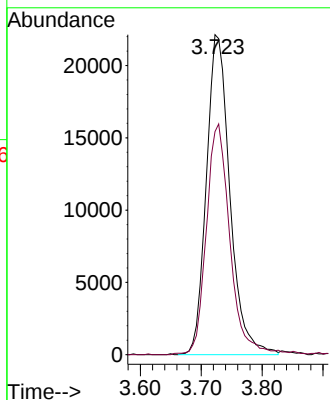
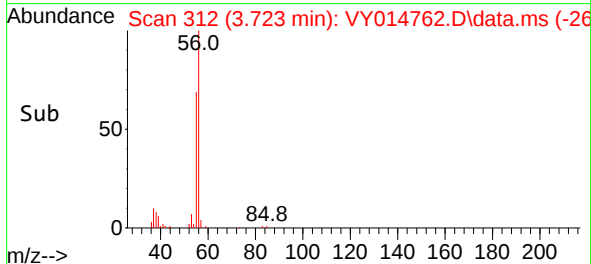
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



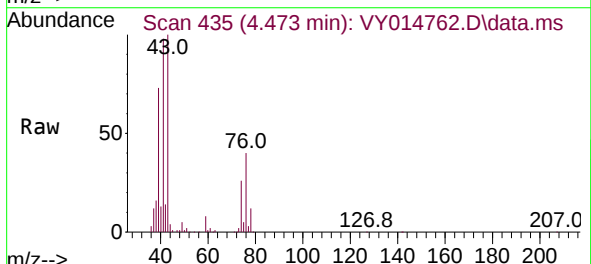
Tgt Ion: 56 Resp: 59497
Ion Ratio Lower Upper
56 100
55 72.2 57.0 85.4

Manual Integrations
APPROVED

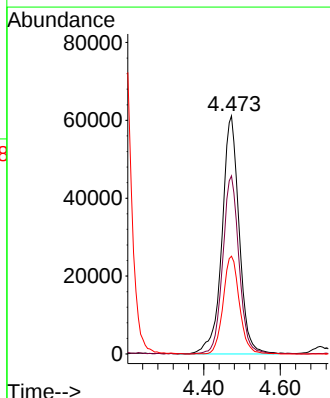
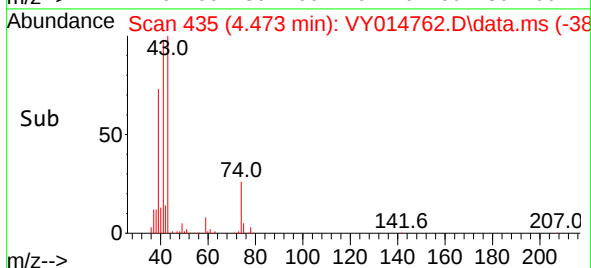
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

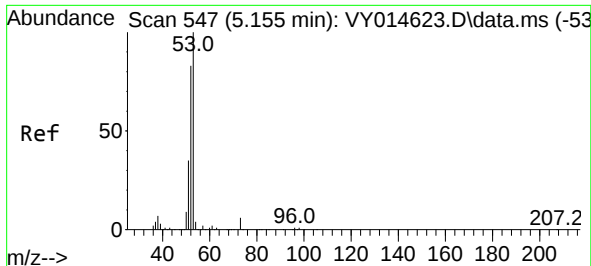


#14
Allyl chloride
Concen: 42.930 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39



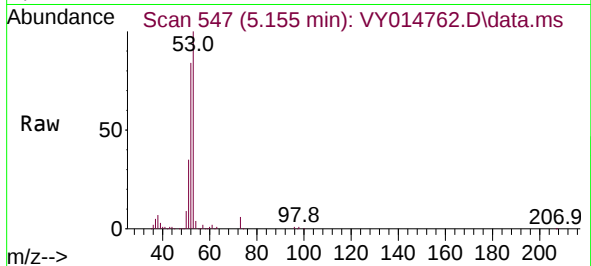
Tgt Ion: 41 Resp: 190325
Ion Ratio Lower Upper
41 100
39 71.3 58.0 87.0
76 38.9 27.4 41.2





#15
Acrylonitrile
Concen: 265.950 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39

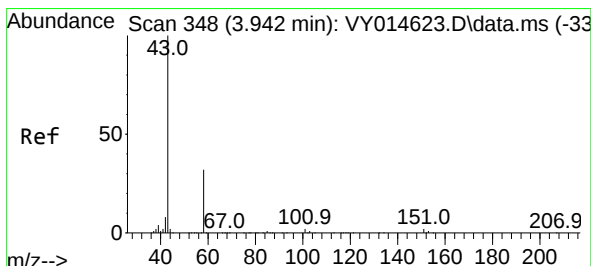
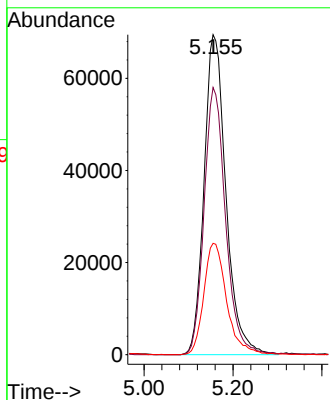
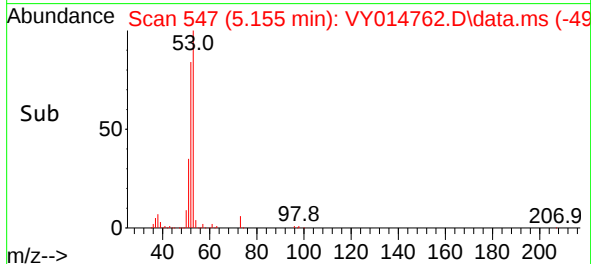
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



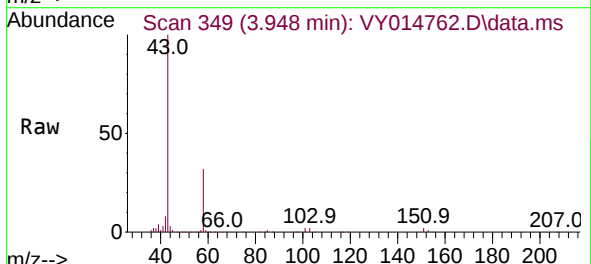
Tgt Ion: 53 Resp: 237836
Ion Ratio Lower Upper
53 100
52 82.2 66.9 100.3
51 36.5 29.8 44.6

Manual Integrations
APPROVED

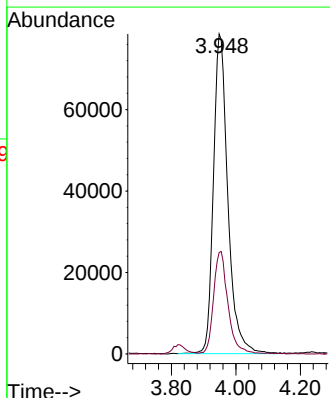
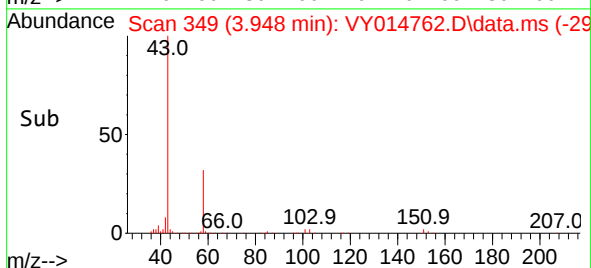
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#16
Acetone
Concen: 266.503 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39



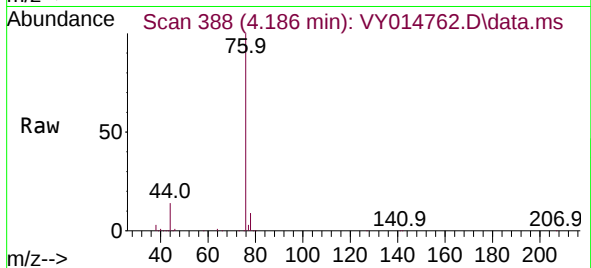
Tgt Ion: 43 Resp: 244015
Ion Ratio Lower Upper
43 100
58 31.6 22.7 34.1





#17
Carbon Disulfide
Concen: 41.152 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39

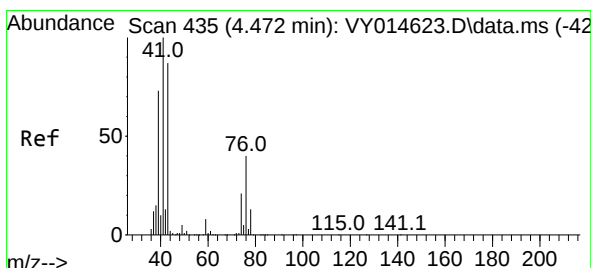
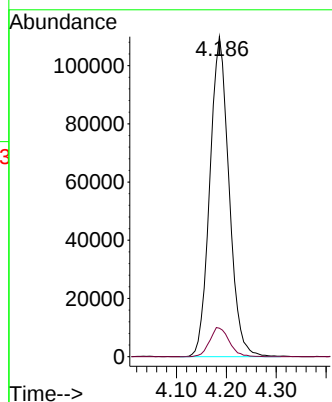
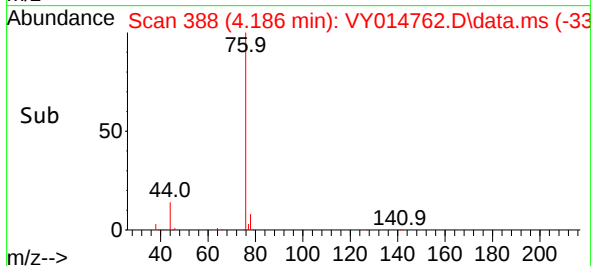
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



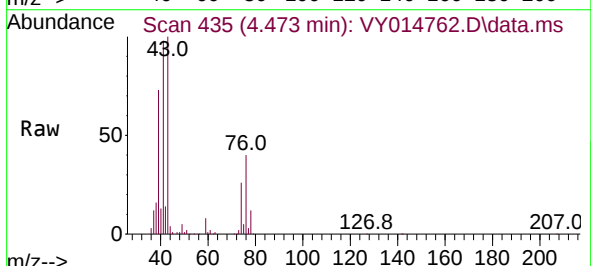
Tgt Ion: 76 Resp: 294178
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4

Manual Integrations
APPROVED

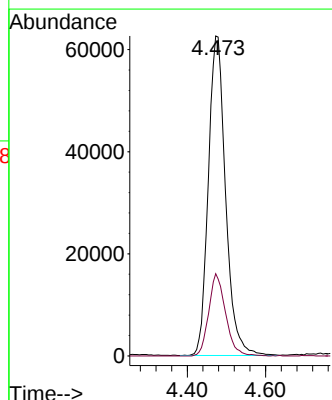
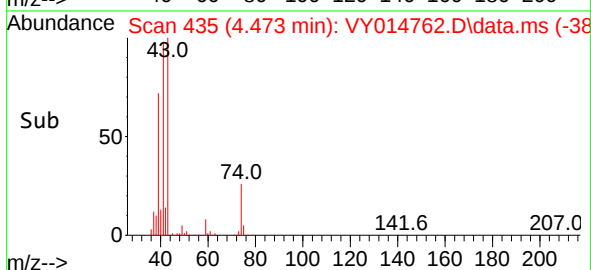
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

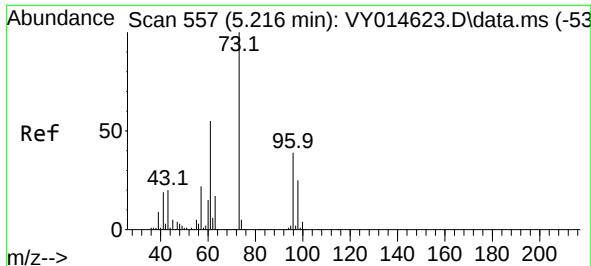


#18
Methyl Acetate
Concen: 54.473 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39



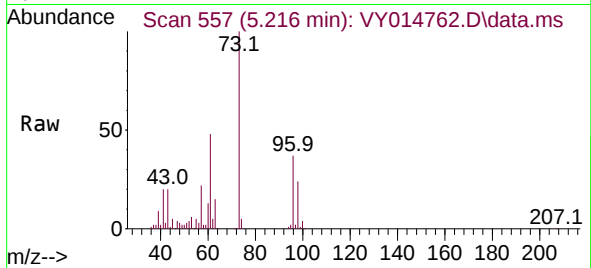
Tgt Ion: 43 Resp: 191404
Ion Ratio Lower Upper
43 100
74 25.1 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 49.671 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39

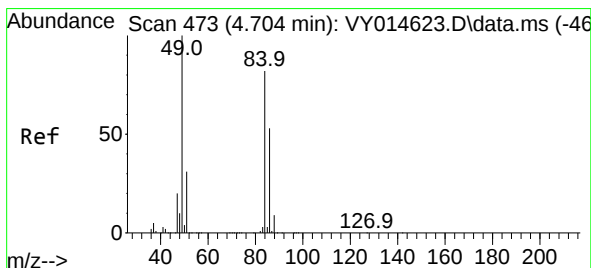
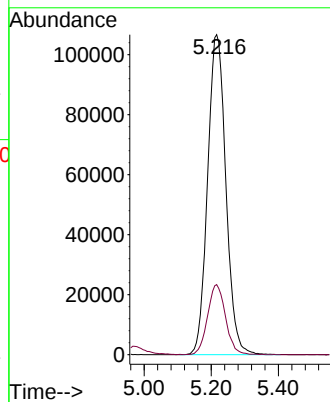
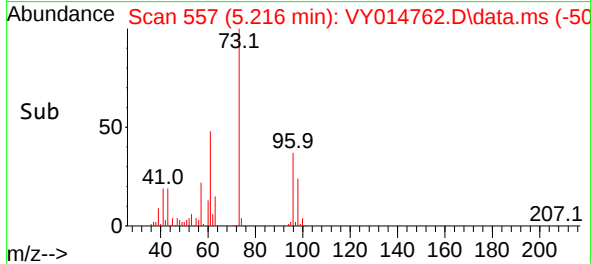
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



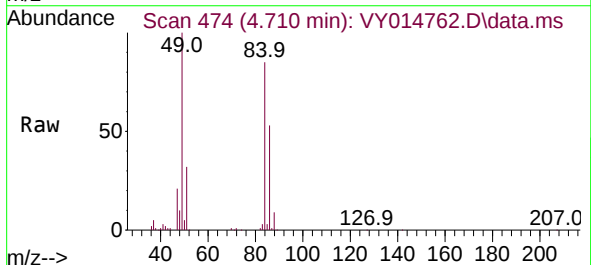
Tgt Ion: 73 Resp: 402880
Ion Ratio Lower Upper
73 100
57 21.9 17.3 25.9

Manual Integrations
APPROVED

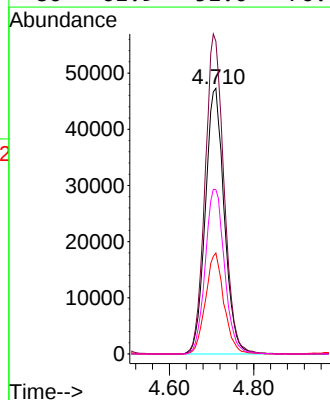
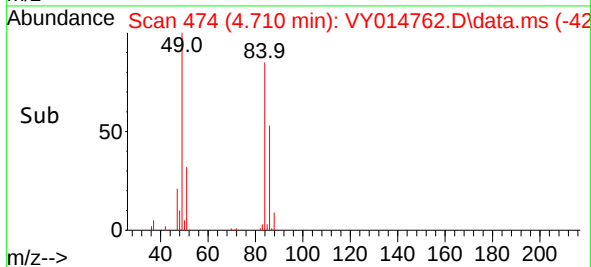
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

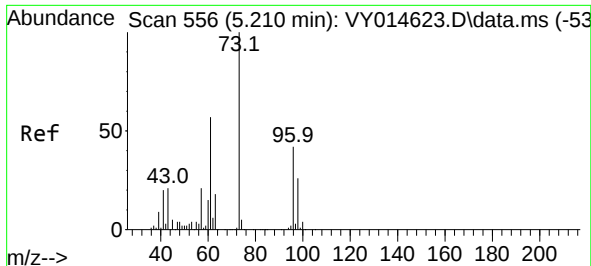


#20
Methylene Chloride
Concen: 49.645 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39



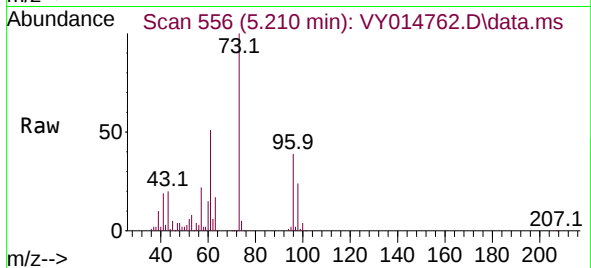
Tgt Ion: 84 Resp: 147756
Ion Ratio Lower Upper
84 100
49 117.7 106.9 160.3
51 38.0 33.2 49.8
86 61.9 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 44.852 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39

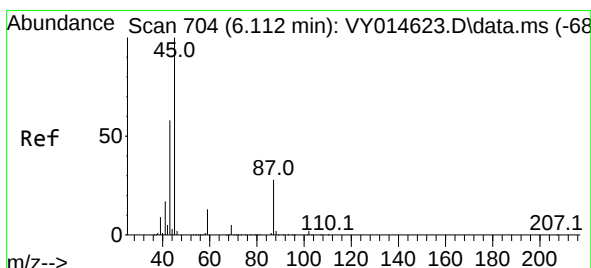
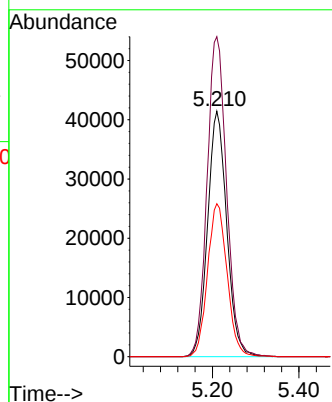
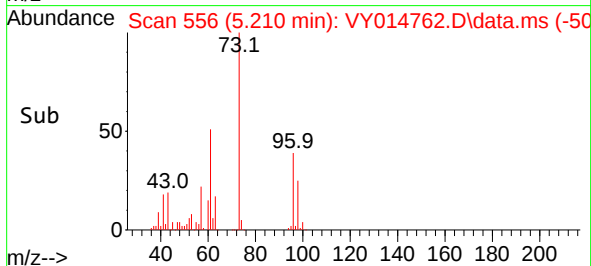
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



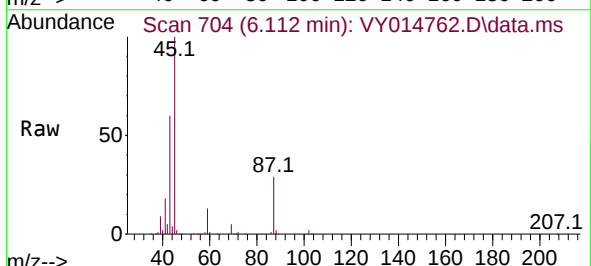
Tgt Ion: 96 Resp: 127093
Ion Ratio Lower Upper
96 100
61 130.3 110.2 165.4
98 62.3 51.8 77.6

Manual Integrations
APPROVED

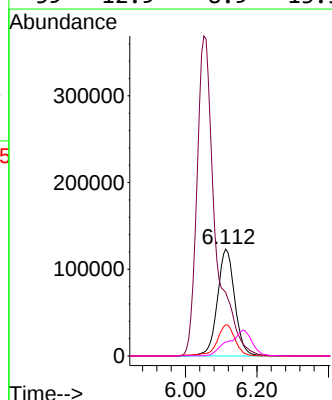
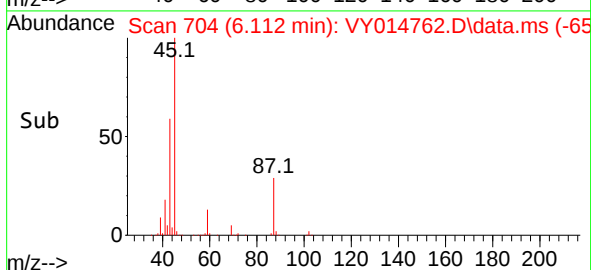
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

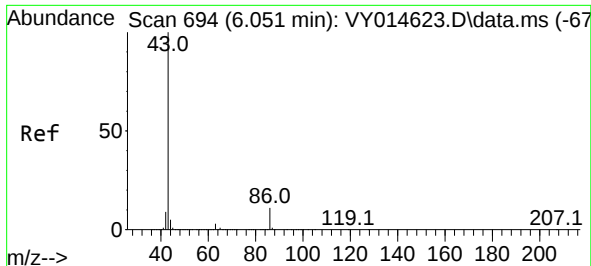


#22
Diisopropyl ether
Concen: 45.915 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39



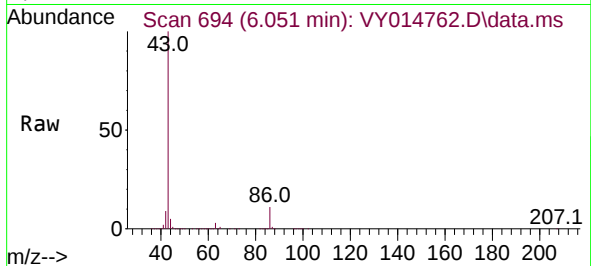
Tgt Ion: 45 Resp: 413858
Ion Ratio Lower Upper
45 100
43 59.3 52.2 78.4
87 29.1 21.0 31.6
59 12.9 8.9 13.3





#23
 Vinyl Acetate
 Concen: 242.818 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY014762.D
 Acq: 24 Jul 2023 10:39

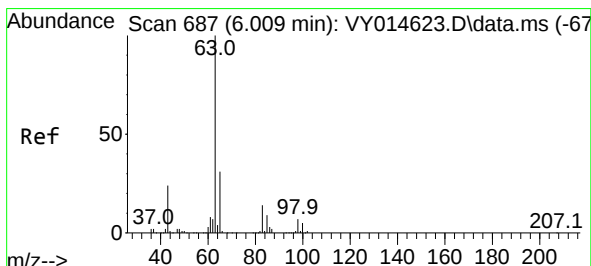
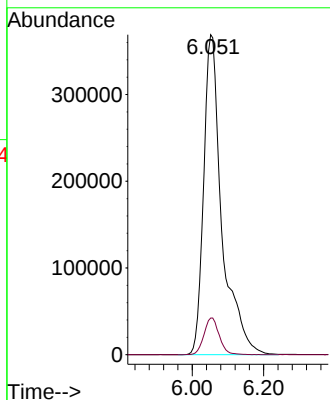
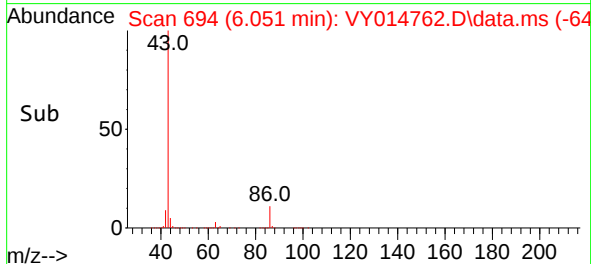
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



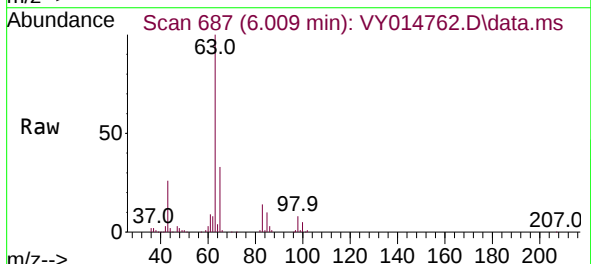
Tgt Ion: 43 Resp: 130975
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.5 11.3

Manual Integrations
 APPROVED

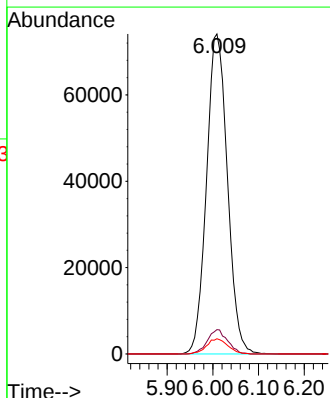
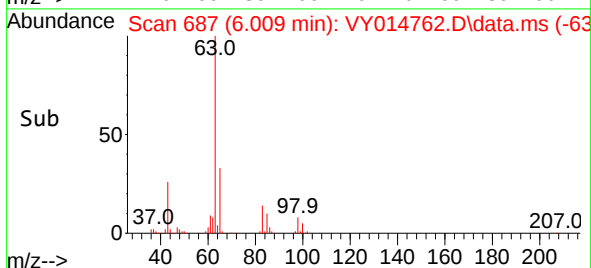
Reviewed By :John Carlone 07/25/2023
 Supervised By :Mahesh Dadoda 07/25/2023



#24
 1,1-Dichloroethane
 Concen: 45.650 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY014762.D
 Acq: 24 Jul 2023 10:39



Tgt Ion: 63 Resp: 235437
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.1 9.4
 100 4.7 1.8 5.5





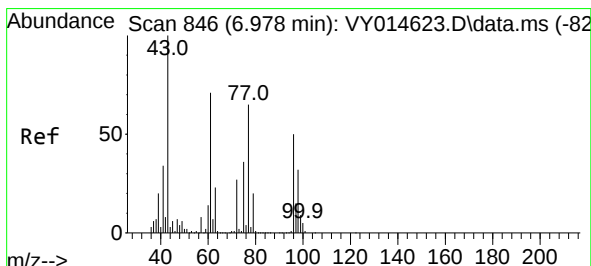
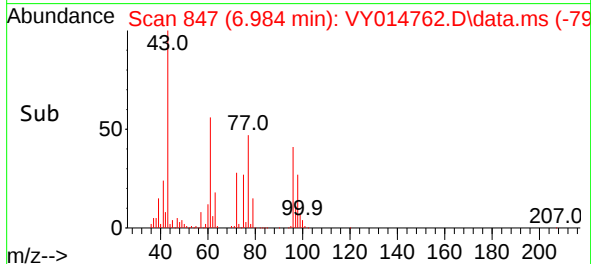
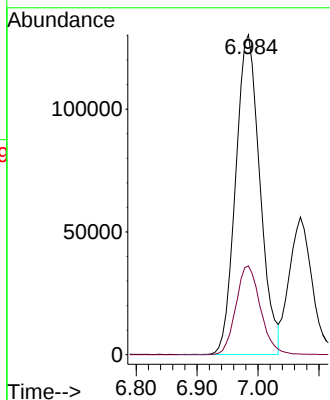
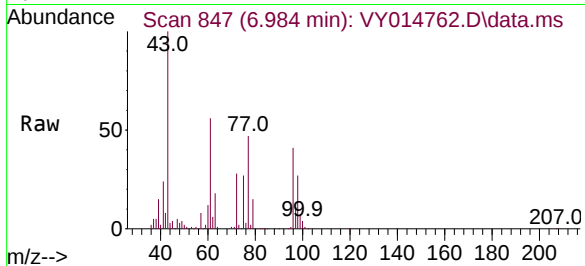
#25
2-Butanone
Concen: 269.304 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 360745
Ion Ratio Lower Upper
43 100
72 27.8 20.5 30.7

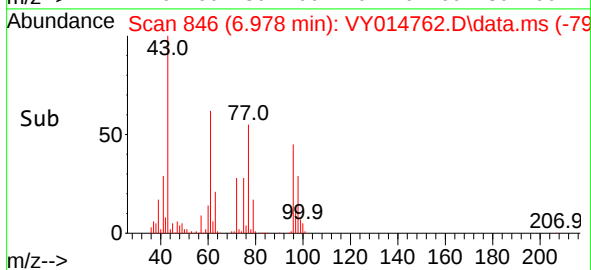
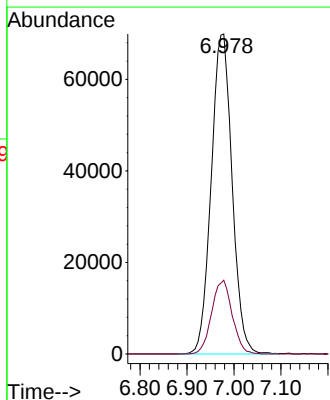
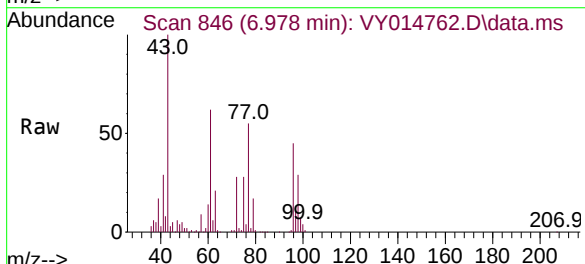
Manual Integrations
APPROVED

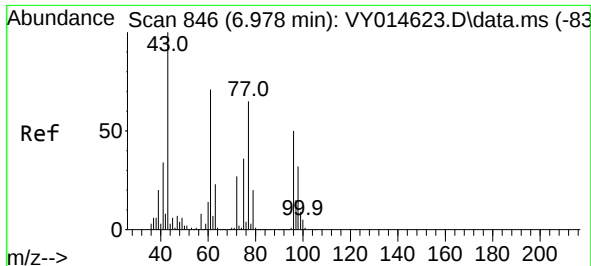
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#26
2,2-Dichloropropane
Concen: 43.915 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39

Tgt Ion: 77 Resp: 215857
Ion Ratio Lower Upper
77 100
97 22.7 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 46.916 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY014762.D

Acq: 24 Jul 2023 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

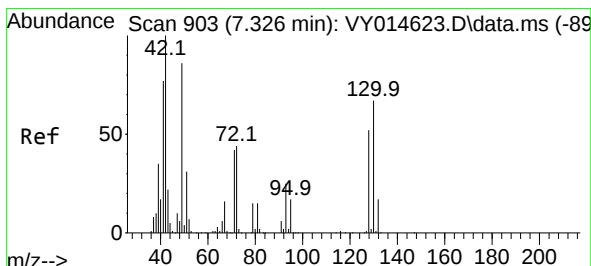
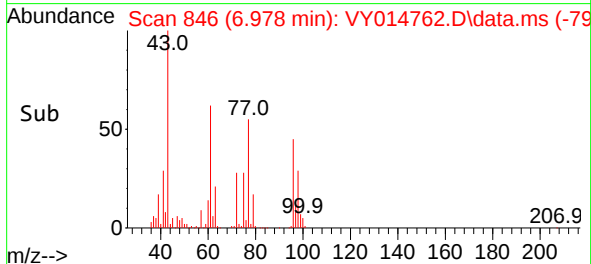
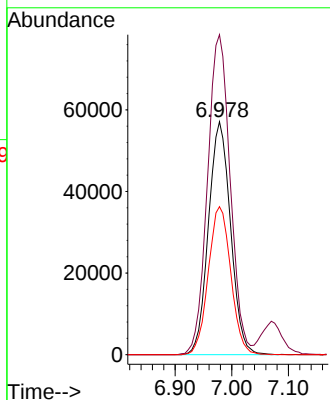
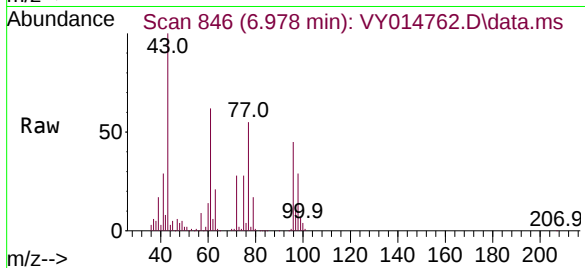
Tgt Ion:	96	Resp:	15474
Ion Ratio	Lower	Upper	
96	100		
61	140.9	0.0	301.4
98	64.7	0.0	130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#28

Bromochloromethane

Concen: 47.134 ug/l

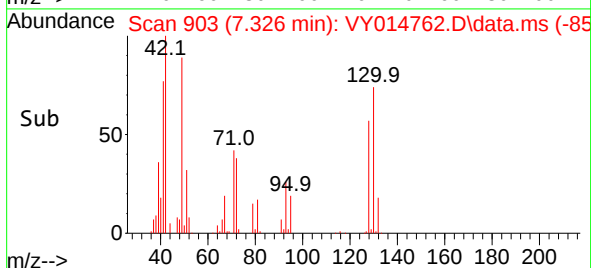
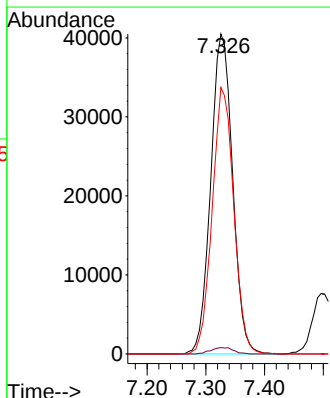
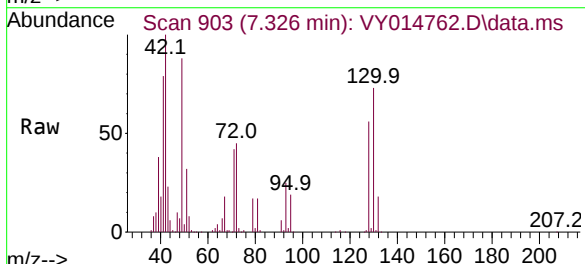
RT: 7.326 min Scan# 903

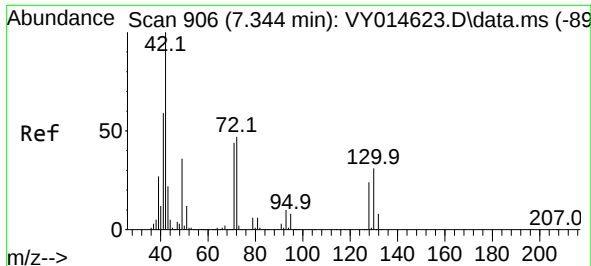
Delta R.T. -0.000 min

Lab File: VY014762.D

Acq: 24 Jul 2023 10:39

Tgt Ion:	49	Resp:	104695
Ion Ratio	Lower	Upper	
49	100		
129	2.1	0.0	4.6
130	82.1	60.7	91.1





#29

Tetrahydrofuran

Concen: 272.875 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY014762.D

Acq: 24 Jul 2023 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 225070

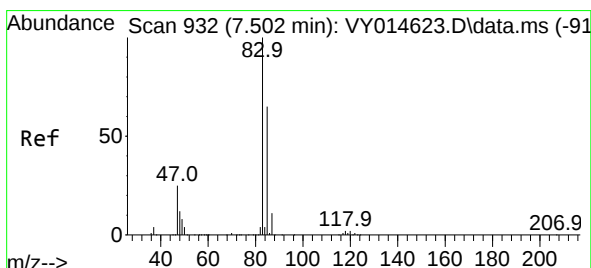
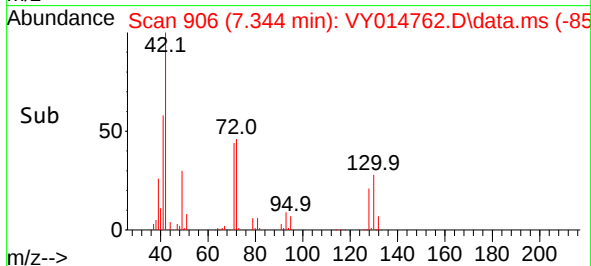
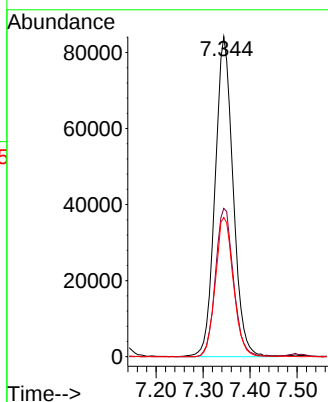
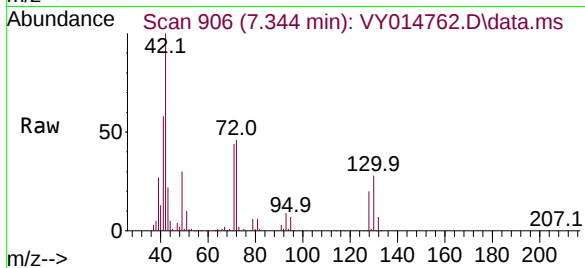
Ion	Ratio	Lower	Upper
42	100		
72	46.3	32.8	49.2
71	43.4	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#30

Chloroform

Concen: 47.229 ug/l

RT: 7.502 min Scan# 932

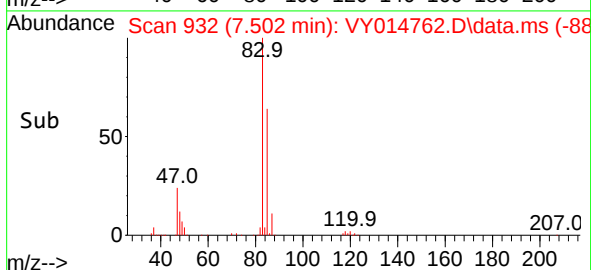
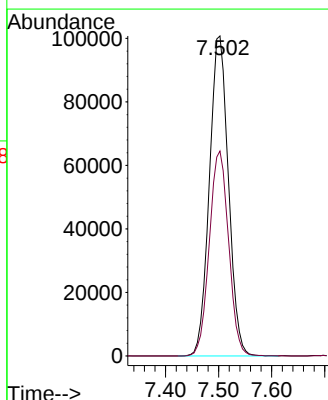
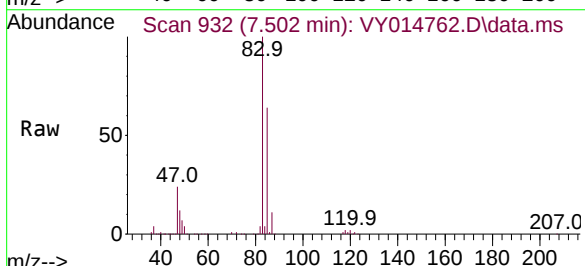
Delta R.T. 0.000 min

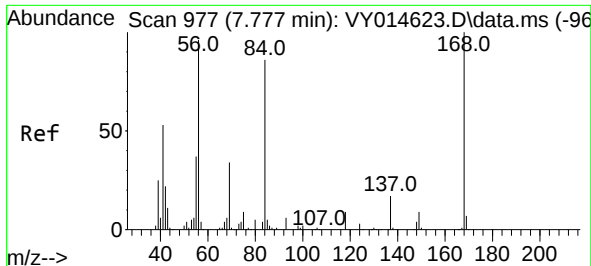
Lab File: VY014762.D

Acq: 24 Jul 2023 10:39

Tgt Ion: 83 Resp: 251181

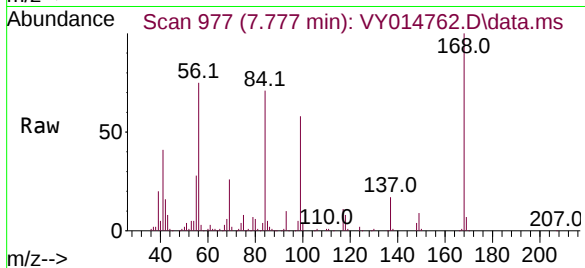
Ion	Ratio	Lower	Upper
83	100		
85	64.0	49.7	74.5





#31
Cyclohexane
Concen: 39.426 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39

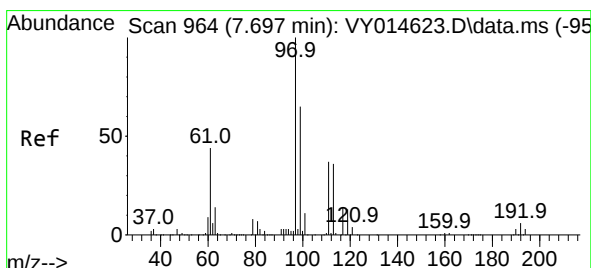
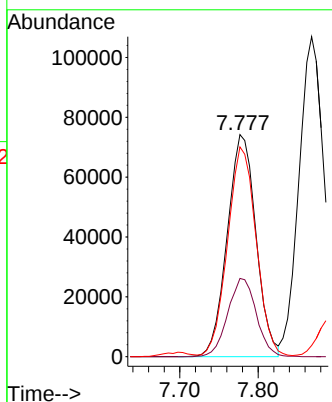
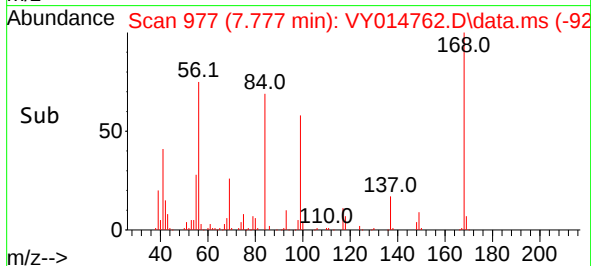
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



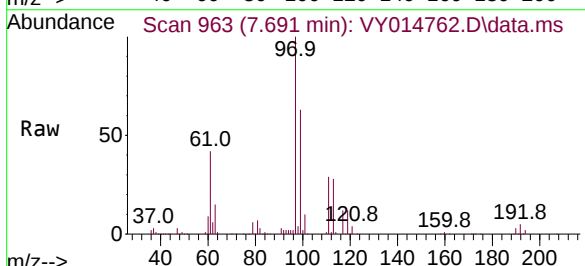
Tgt Ion: 56 Resp: 18910
Ion Ratio Lower Upper
56 100
69 35.2 27.8 41.6
84 92.4 66.4 99.6

Manual Integrations
APPROVED

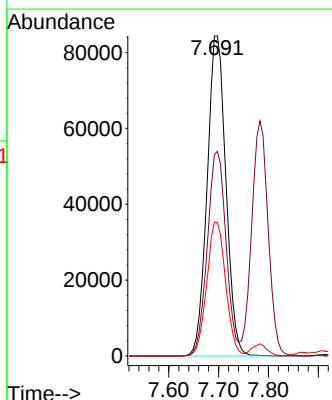
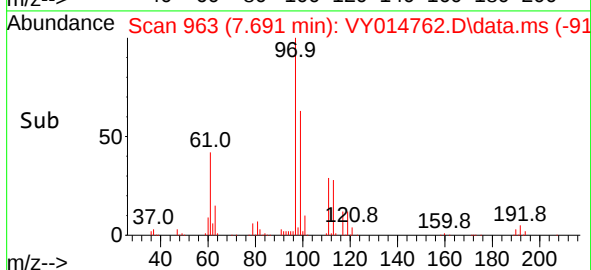
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#32
1,1,1-Trichloroethane
Concen: 46.099 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.006 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39



Tgt Ion: 97 Resp: 220658
Ion Ratio Lower Upper
97 100
99 63.9 50.8 76.2
61 42.2 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 50.517 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY014762.D

Acq: 24 Jul 2023 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 145960

Ion Ratio Lower Upper

65 100

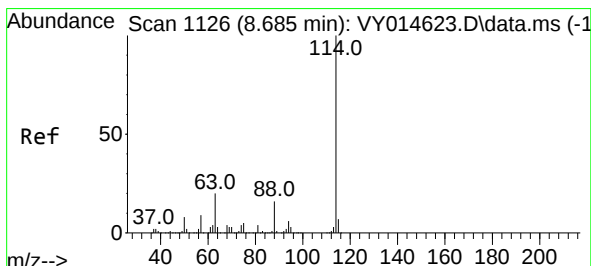
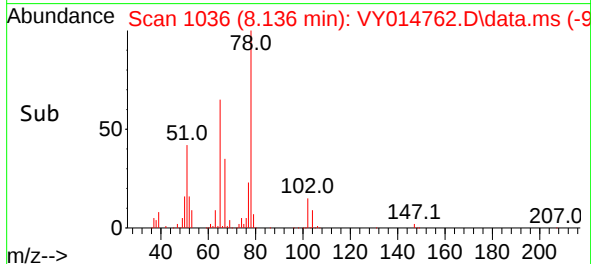
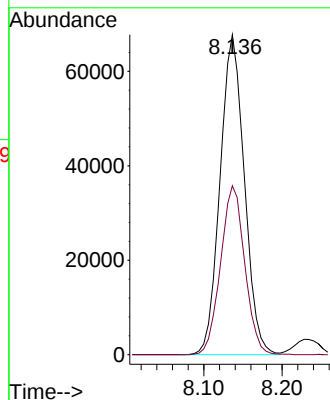
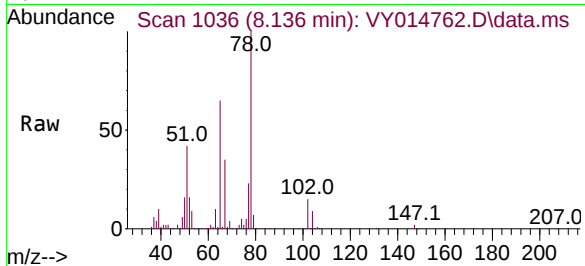
67 52.5 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014762.D

Acq: 24 Jul 2023 10:39

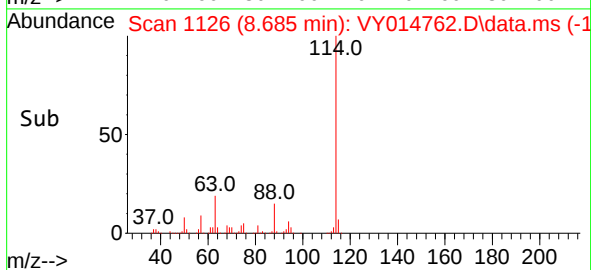
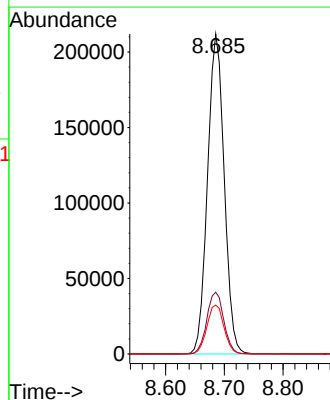
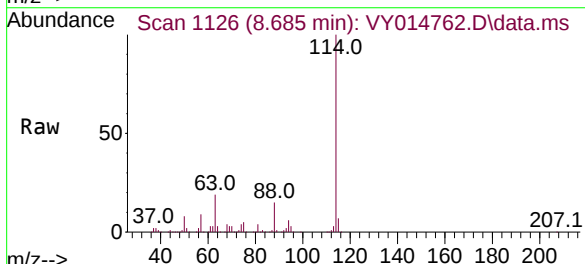
Tgt Ion:114 Resp: 417427

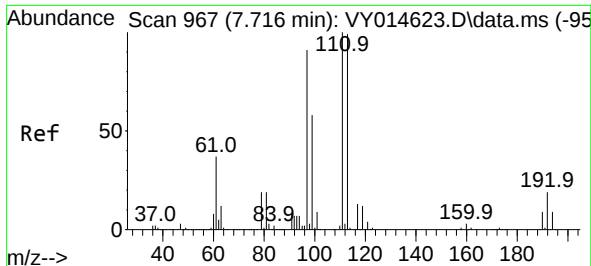
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

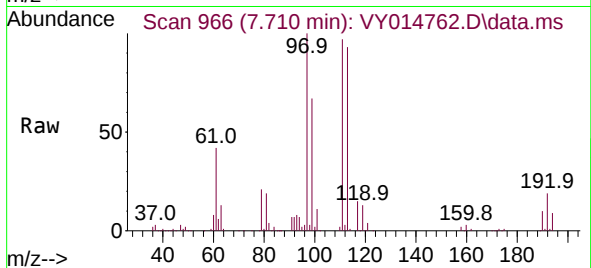
88 15.3 0.0 30.6





#35
Dibromofluoromethane
Concen: 50.365 ug/l
RT: 7.710 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39

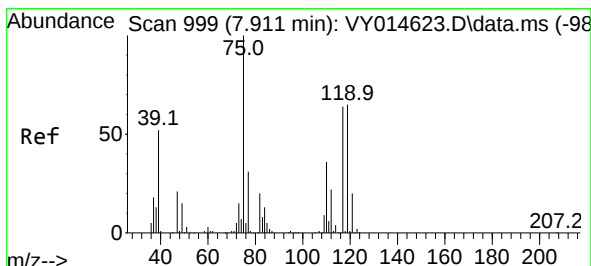
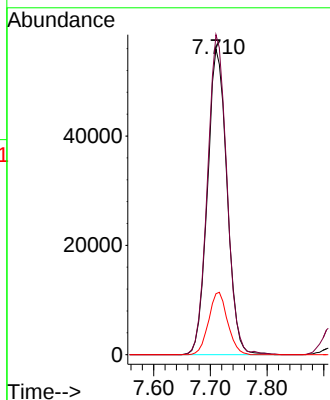
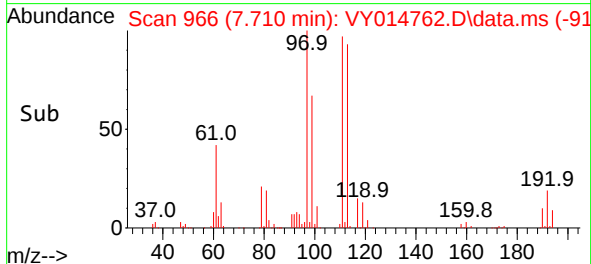
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 13383
Ion Ratio Lower Upper
113 100
111 104.0 81.3 121.9
192 19.8 16.9 25.3

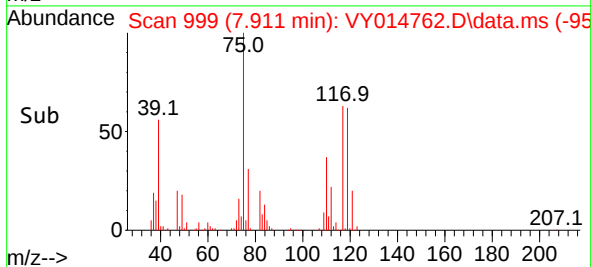
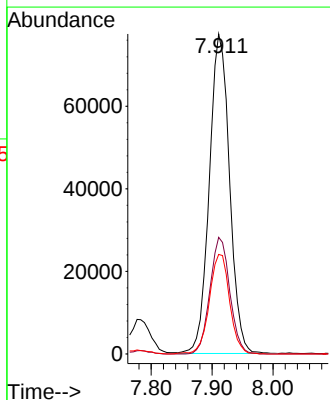
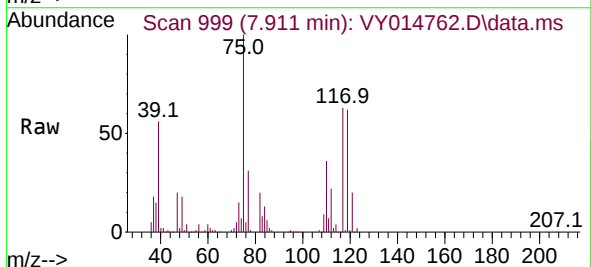
Manual Integrations
APPROVED

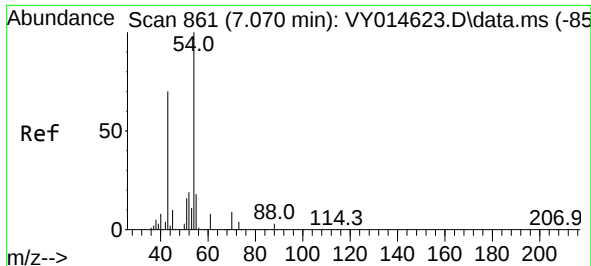
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#36
1,1-Dichloropropene
Concen: 44.924 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39

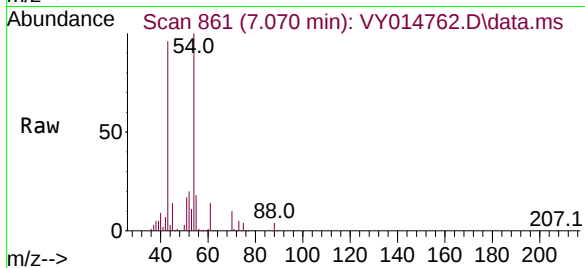
Tgt Ion: 75 Resp: 178519
Ion Ratio Lower Upper
75 100
110 35.8 17.8 53.5
77 31.3 24.4 36.6





#37
Ethyl Acetate
Concen: 54.152 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39

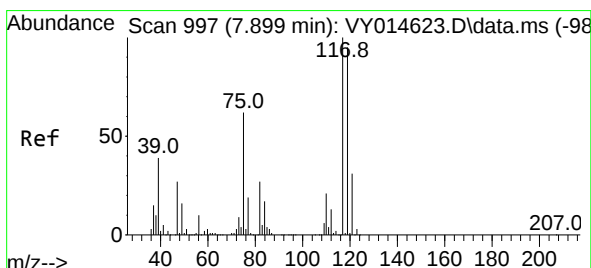
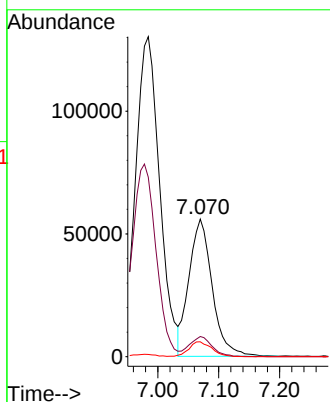
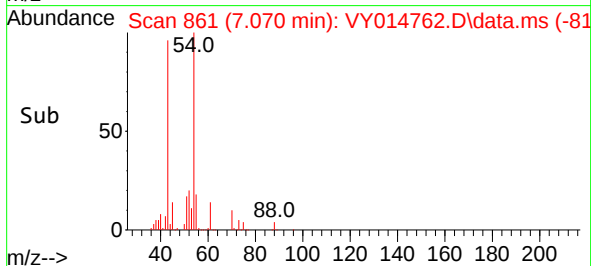
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 148158
Ion Ratio Lower Upper
43 100
61 14.6 10.1 15.1
70 10.7 7.1 10.7

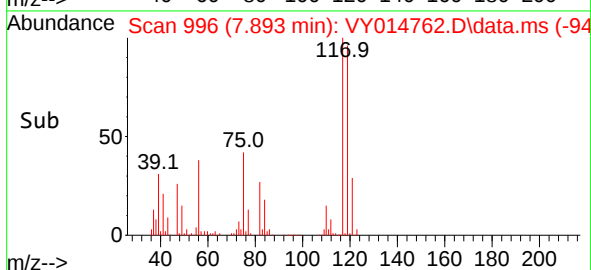
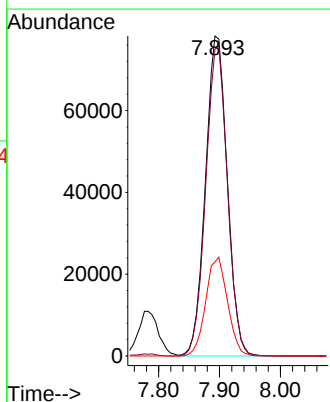
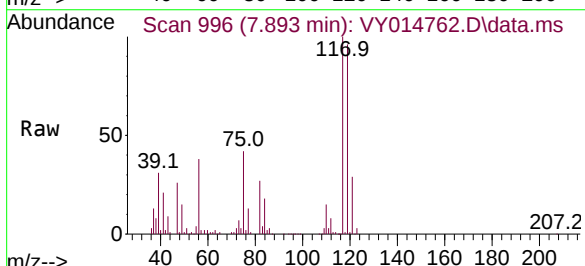
Manual Integrations
APPROVED

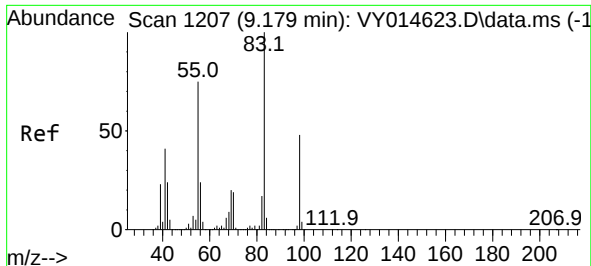
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#38
Carbon Tetrachloride
Concen: 46.437 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39

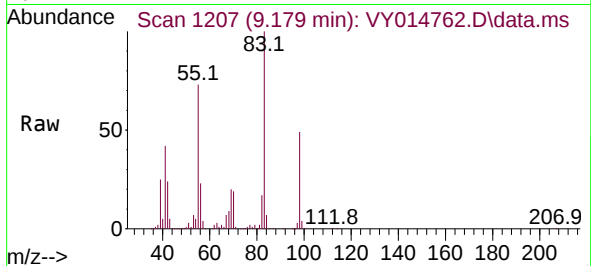
Tgt Ion:117 Resp: 195067
Ion Ratio Lower Upper
117 100
119 95.9 76.4 114.6
121 29.4 25.8 38.6





#39
Methylcyclohexane
Concen: 42.106 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.000 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39

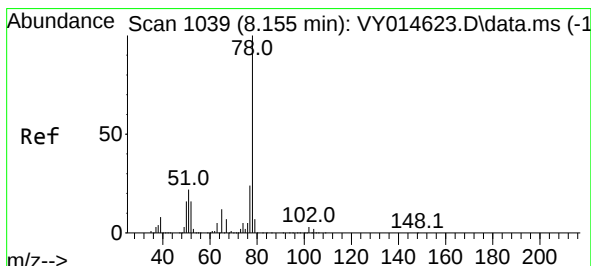
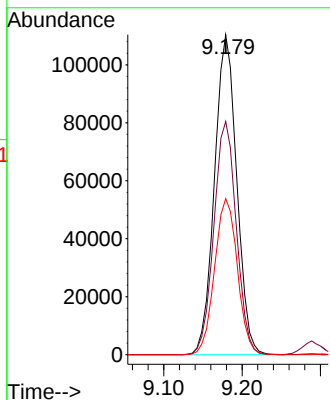
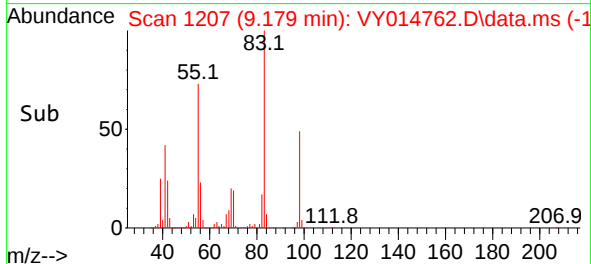
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 217989
Ion Ratio Lower Upper
83 100
55 72.9 63.0 94.4
98 48.8 37.4 56.2

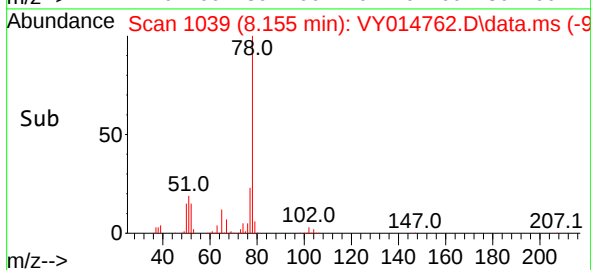
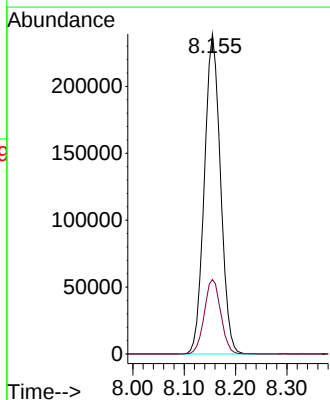
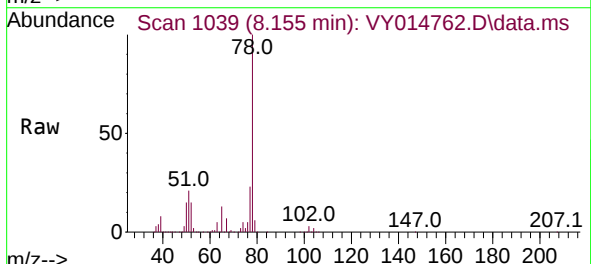
Manual Integrations
APPROVED

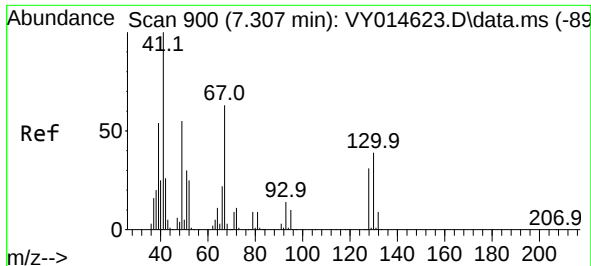
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#40
Benzene
Concen: 46.073 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39

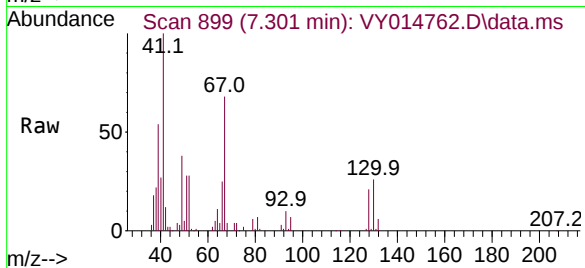
Tgt Ion: 78 Resp: 520708
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.6





#41
Methacrylonitrile
Concen: 50.045 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.006 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39

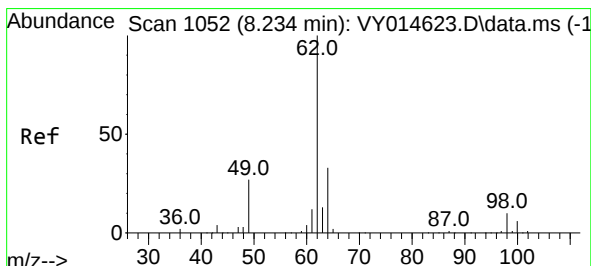
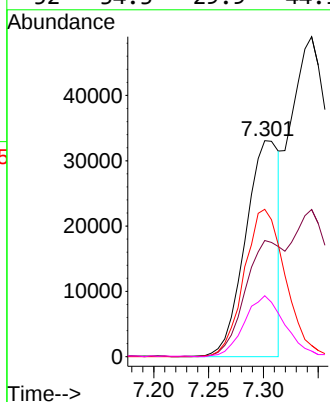
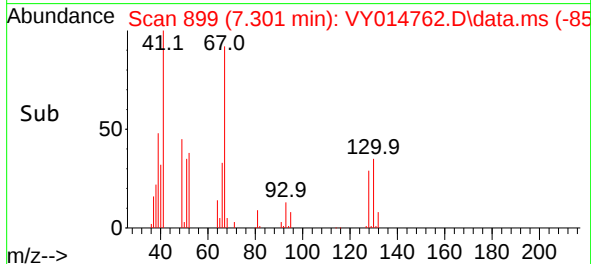
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 70420
Ion Ratio Lower Upper
41 100
39 62.4 52.1 78.1
67 84.1 66.2 99.2
52 34.3 29.9 44.9

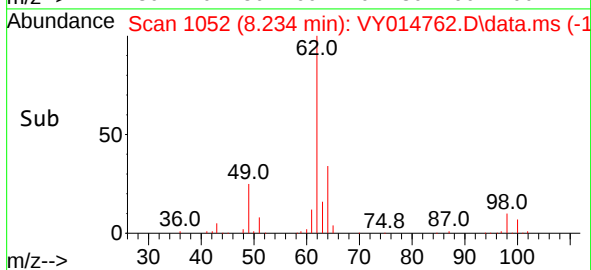
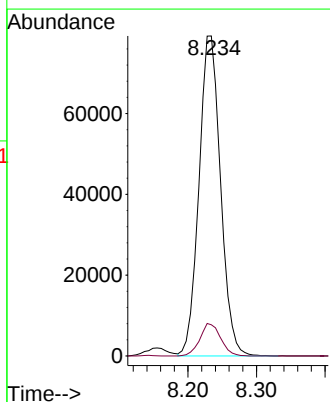
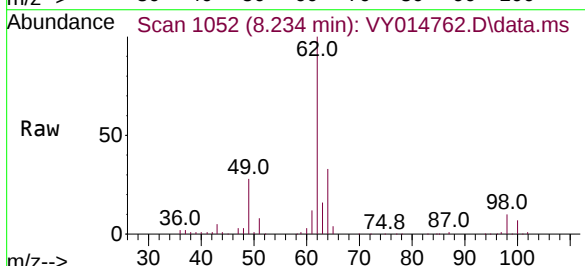
Manual Integrations
APPROVED

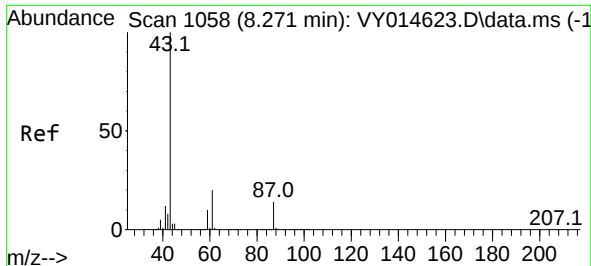
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#42
1,2-Dichloroethane
Concen: 48.542 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39

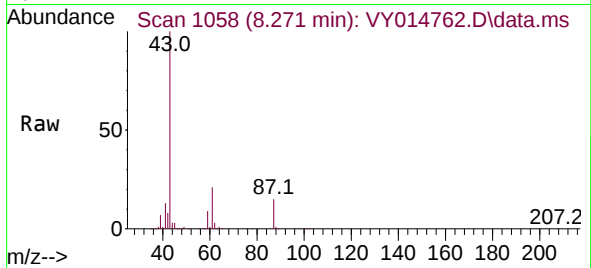
Tgt Ion: 62 Resp: 173730
Ion Ratio Lower Upper
62 100
98 9.8 0.0 15.8





#43
Isopropyl Acetate
Concen: 51.599 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39

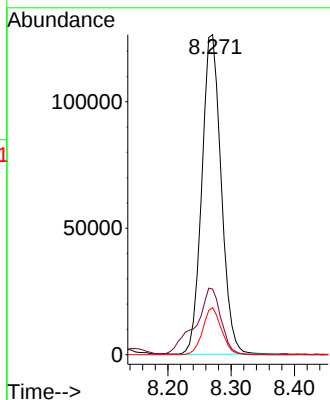
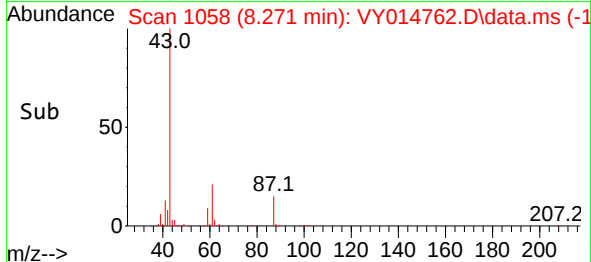
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 26892
Ion Ratio Lower Upper
43 100
61 27.5 21.1 31.7
87 14.2 9.8 14.8

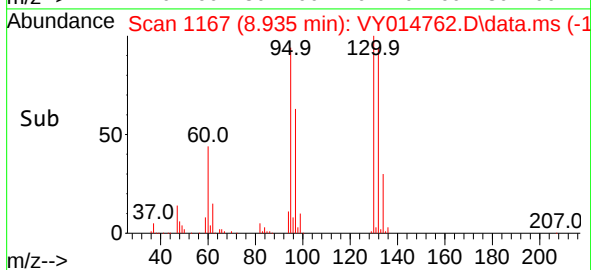
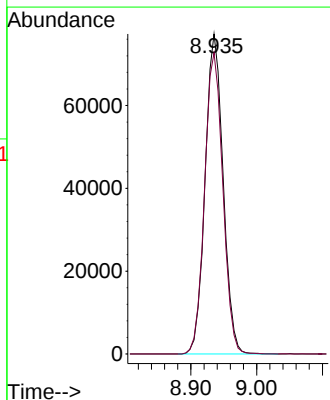
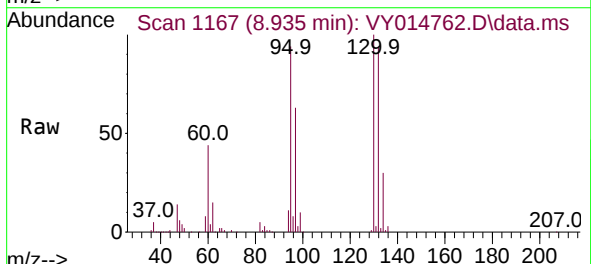
Manual Integrations
APPROVED

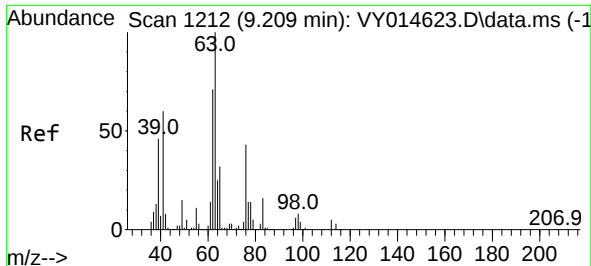
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#44
Trichloroethene
Concen: 46.465 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39

Tgt Ion:130 Resp: 146928
Ion Ratio Lower Upper
130 100
95 94.1 0.0 196.0





#45

1,2-Dichloropropane

Concen: 45.890 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY014762.D

Acq: 24 Jul 2023 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 13542

Ion Ratio Lower Upper

63 100

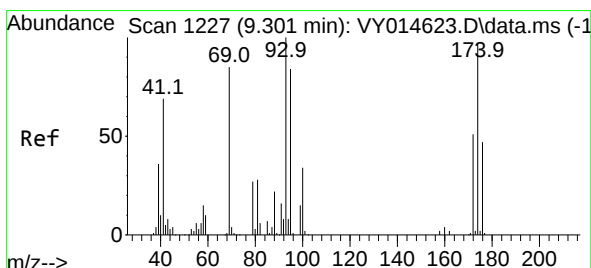
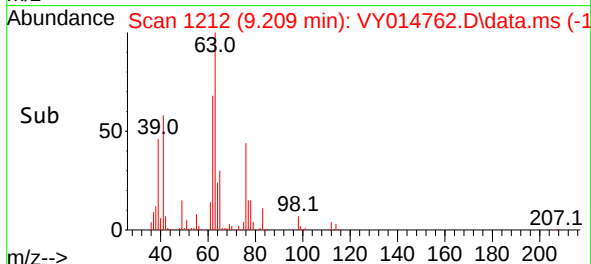
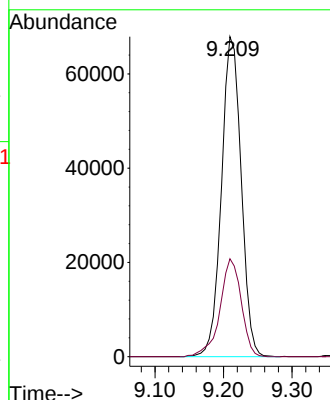
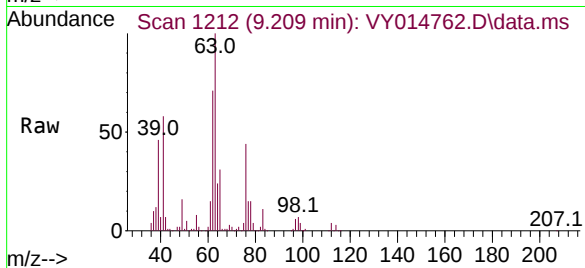
65 30.6 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#46

Dibromomethane

Concen: 48.822 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY014762.D

Acq: 24 Jul 2023 10:39

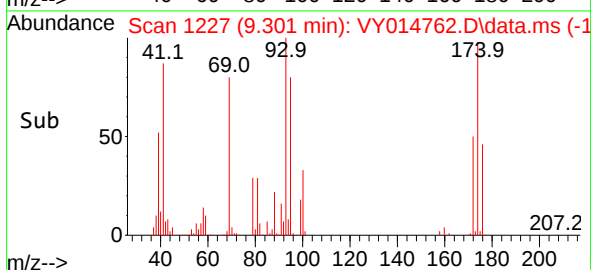
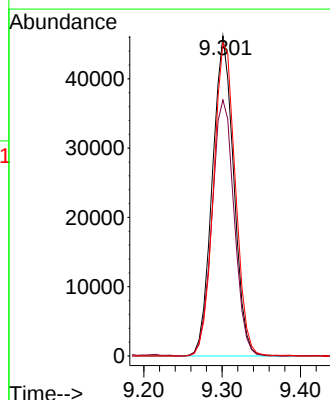
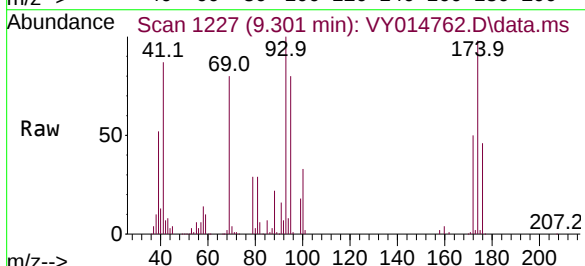
Tgt Ion: 93 Resp: 87406

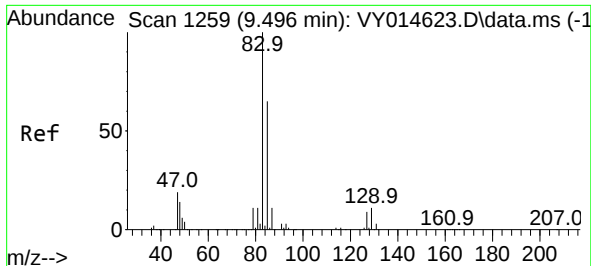
Ion Ratio Lower Upper

93 100

95 83.0 66.6 100.0

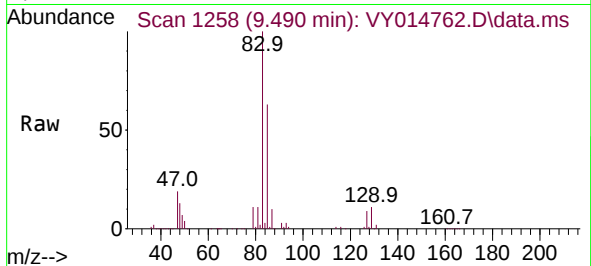
174 100.1 84.8 127.2





#47
Bromodichloromethane
Concen: 47.811 ug/l
RT: 9.490 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39

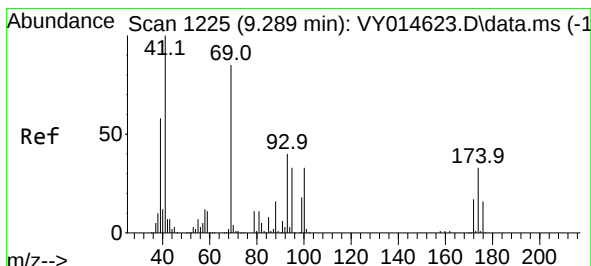
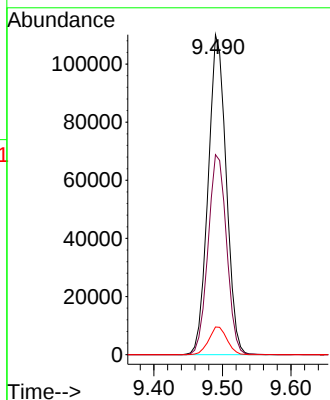
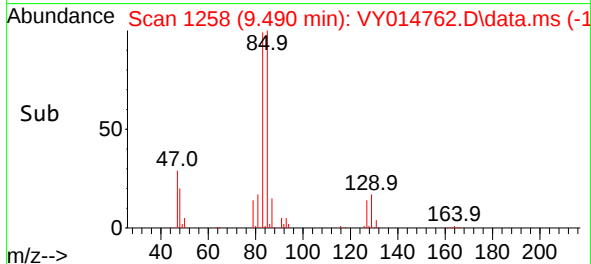
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 201744
Ion Ratio Lower Upper
83 100
85 62.5 50.1 75.1
127 8.6 7.1 10.7

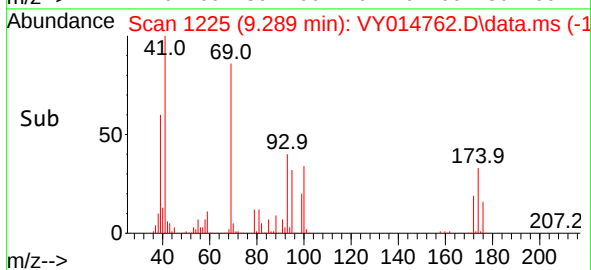
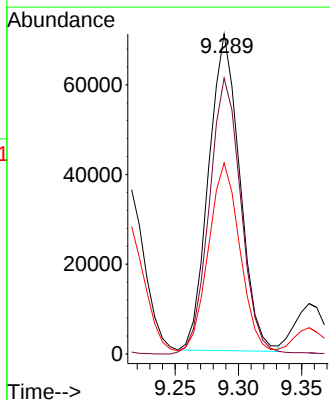
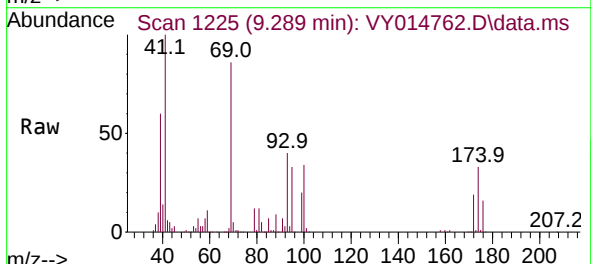
Manual Integrations
APPROVED

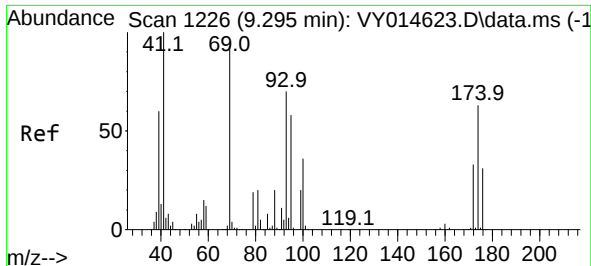
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#48
Methyl methacrylate
Concen: 51.431 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39

Tgt Ion: 41 Resp: 120614
Ion Ratio Lower Upper
41 100
69 89.0 64.5 96.7
39 59.5 50.8 76.2





#49

1,4-Dioxane

Concen: 1076.436 ug/l

RT: 9.307 min Scan# 1226

Delta R.T. 0.012 min

Lab File: VY014762.D

Acq: 24 Jul 2023 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

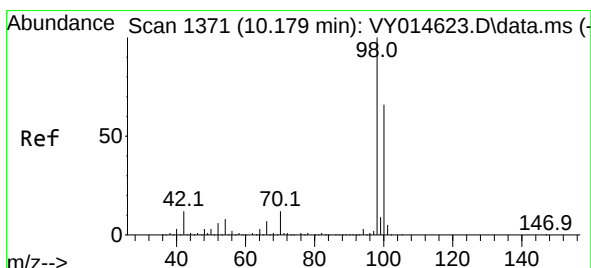
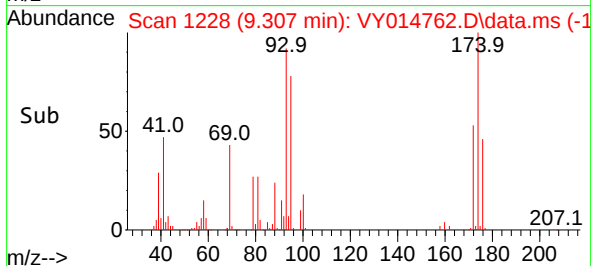
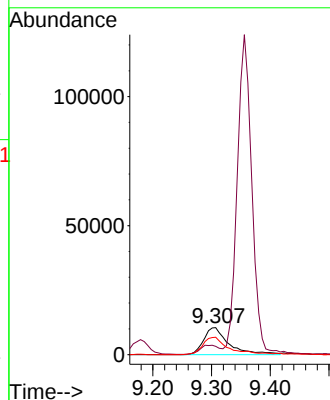
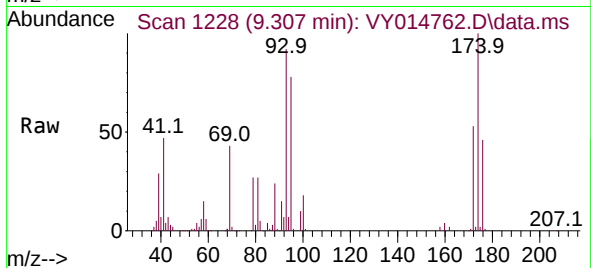
Tgt Ion: 88 Resp: 31424
 Ion Ratio Lower Upper
 88 100
 43 26.5 0.0 0.0
 58 68.2 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#50

Toluene-d8

Concen: 48.647 ug/l

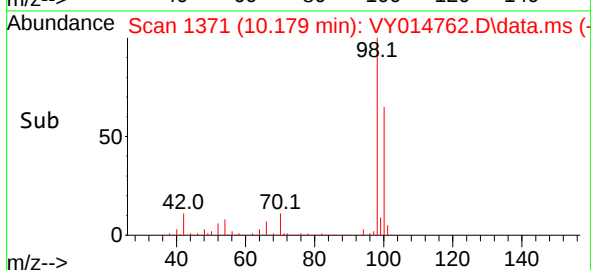
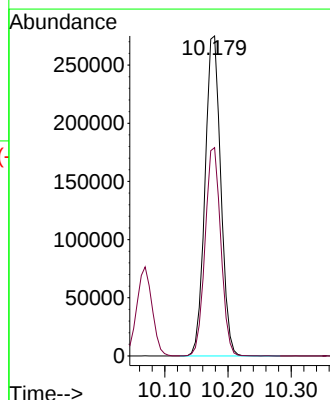
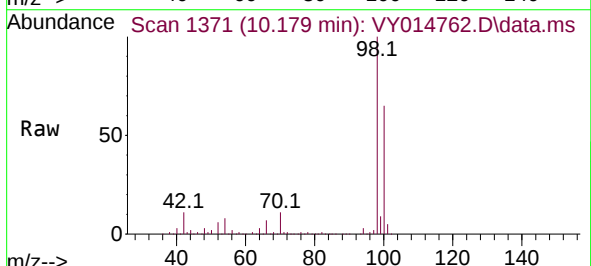
RT: 10.179 min Scan# 1371

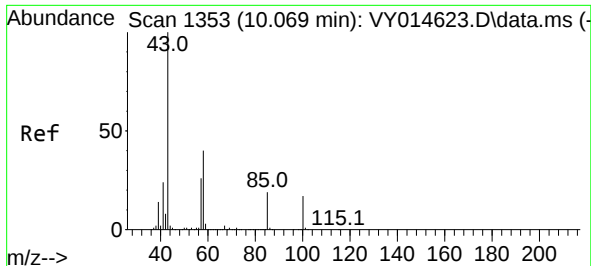
Delta R.T. -0.000 min

Lab File: VY014762.D

Acq: 24 Jul 2023 10:39

Tgt Ion: 98 Resp: 476582
 Ion Ratio Lower Upper
 98 100
 100 65.0 50.1 75.1





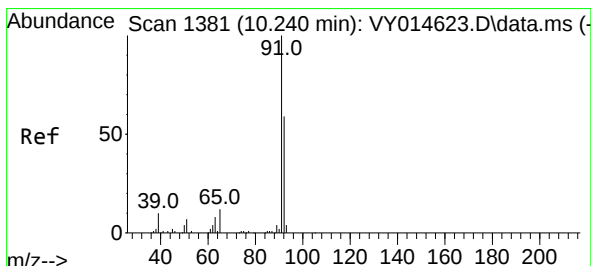
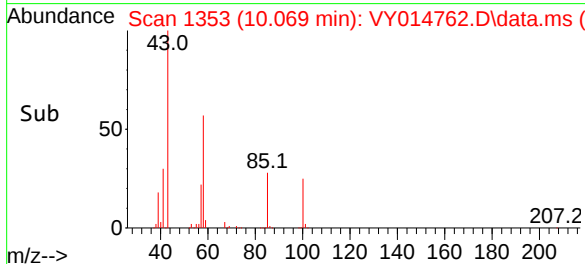
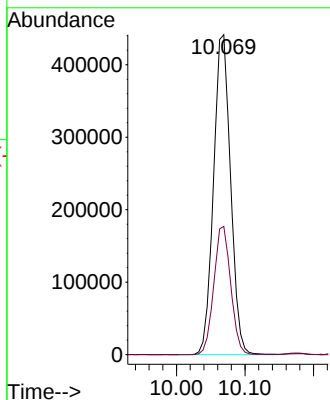
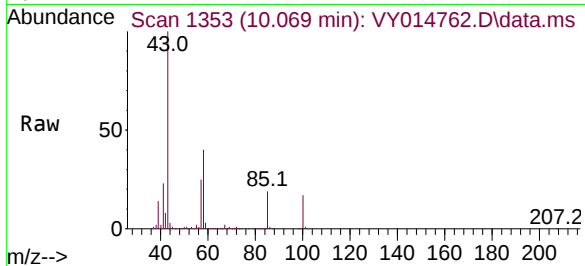
#51
4-Methyl-2-Pentanone
Concen: 278.411 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 761840
Ion Ratio Lower Upper
43 100
58 39.9 29.0 43.6

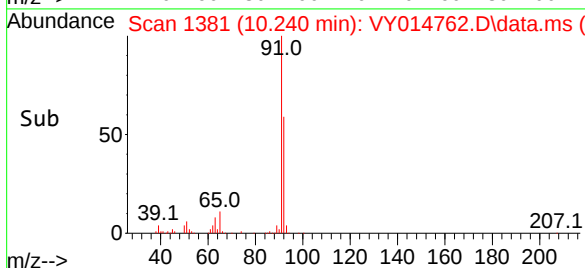
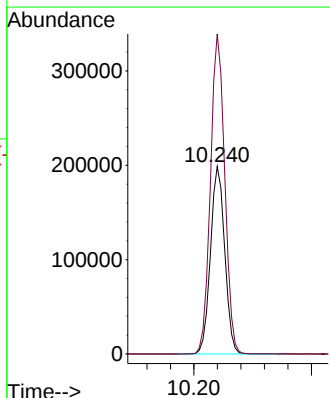
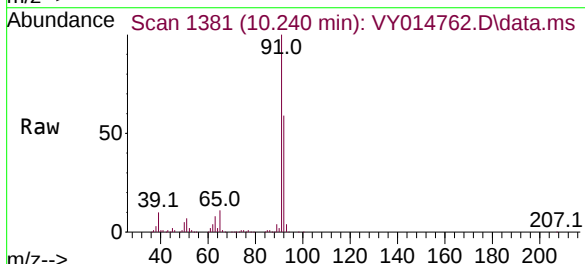
Manual Integrations
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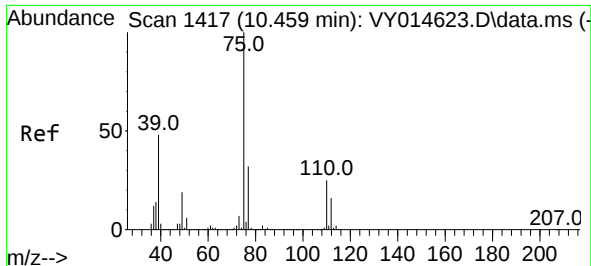
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#52
Toluene
Concen: 46.148 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39

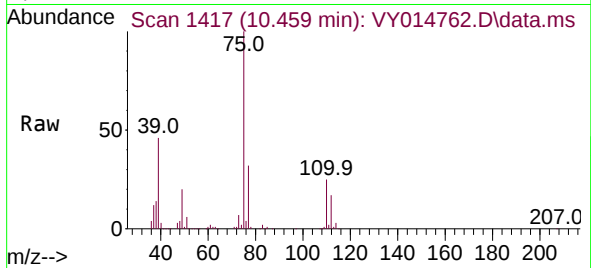
Tgt Ion: 92 Resp: 333743
Ion Ratio Lower Upper
92 100
91 171.4 143.8 215.6





#53
 t-1,3-Dichloropropene
 Concen: 47.171 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY014762.D
 Acq: 24 Jul 2023 10:39

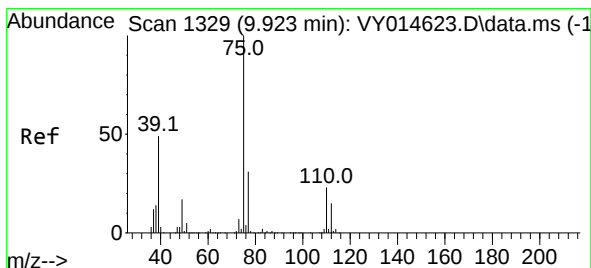
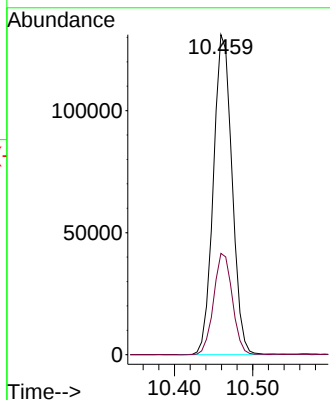
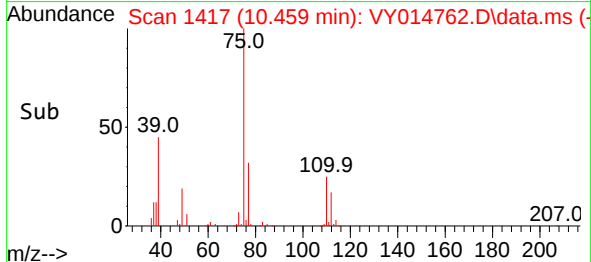
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 75 Resp: 217720
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.0 37.4

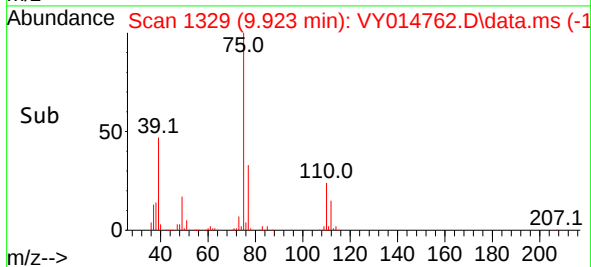
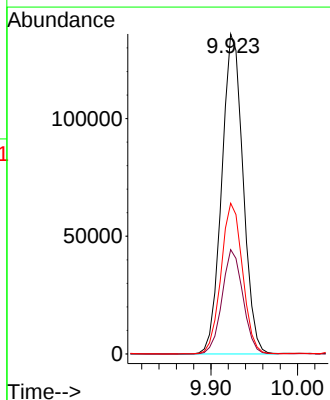
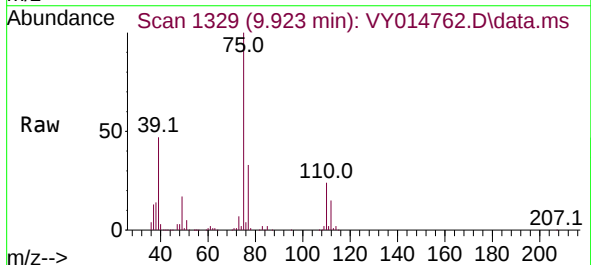
Manual Integrations
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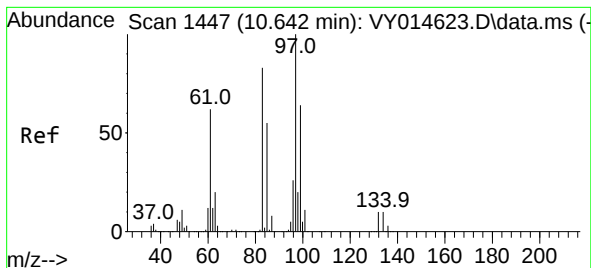
Reviewed By :John Carlone 07/25/2023
 Supervised By :Mahesh Dadoda 07/25/2023



#54
 cis-1,3-Dichloropropene
 Concen: 46.318 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.000 min
 Lab File: VY014762.D
 Acq: 24 Jul 2023 10:39

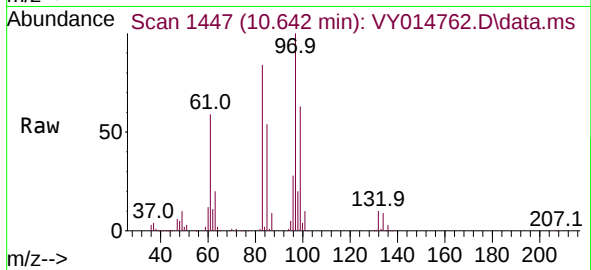
Tgt Ion: 75 Resp: 232479
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.2 36.4
 39 47.1 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 49.799 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39

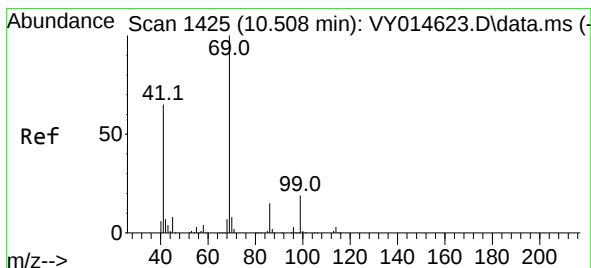
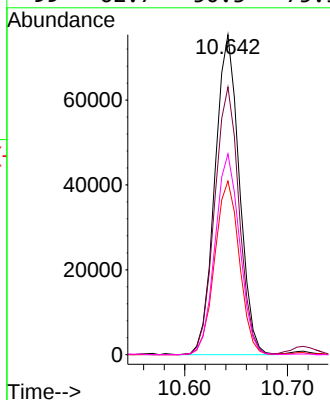
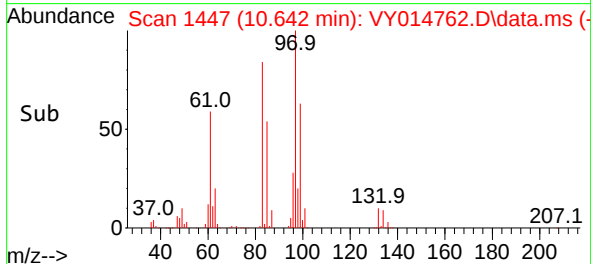
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 124192
Ion Ratio Lower Upper
97 100
83 83.7 72.0 108.0
85 54.3 45.4 68.0
99 62.7 50.3 75.5

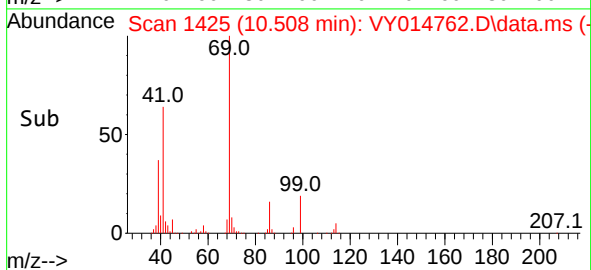
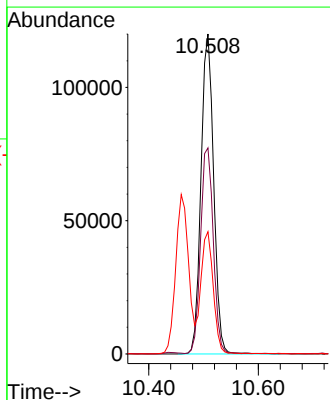
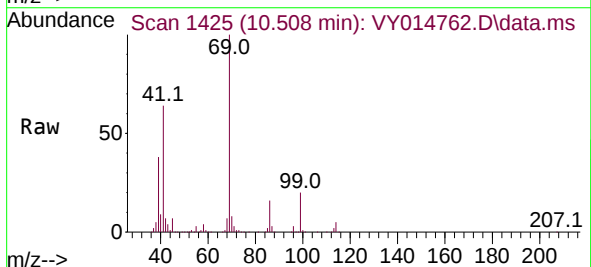
Manual Integrations
APPROVED

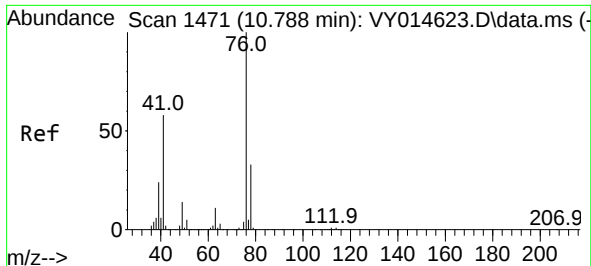
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#56
Ethyl methacrylate
Concen: 50.407 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39

Tgt Ion: 69 Resp: 191935
Ion Ratio Lower Upper
69 100
41 64.6 57.6 86.4
39 37.2 34.1 51.1





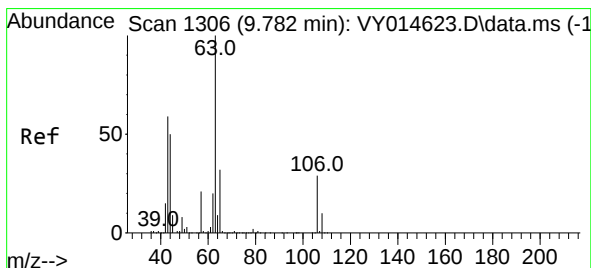
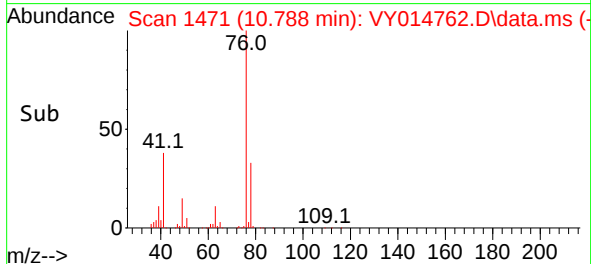
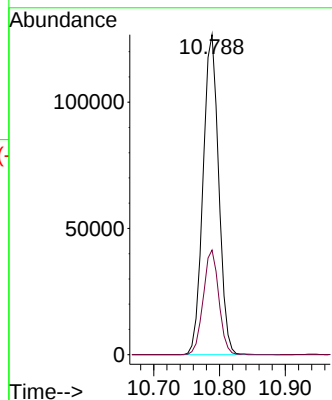
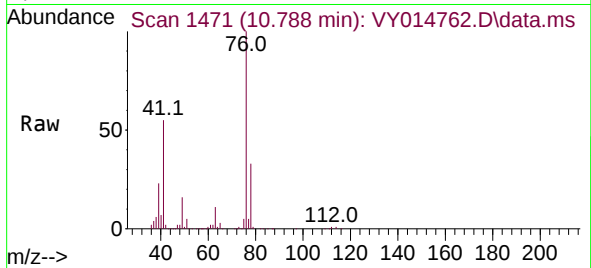
#57
1,3-Dichloropropane
Concen: 48.692 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 20944
Ion Ratio Lower Upper
76 100
78 32.5 25.3 37.9

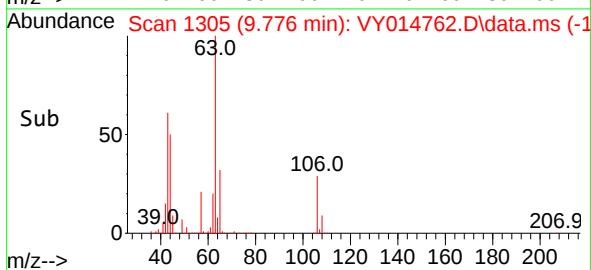
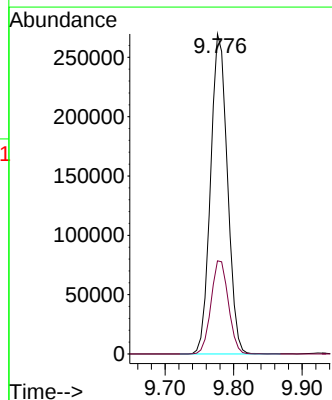
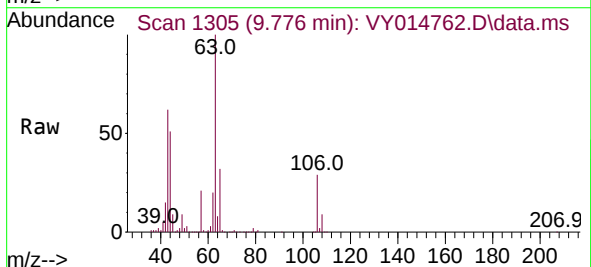
Manual Integrations
APPROVED

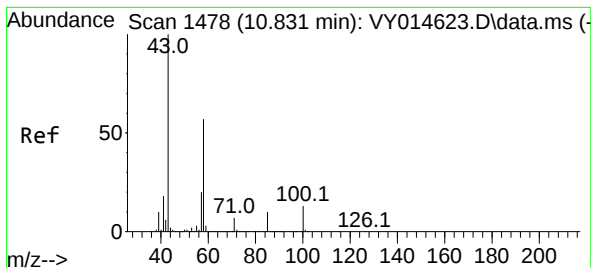
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#58
2-Chloroethyl Vinyl ether
Concen: 259.615 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. -0.006 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39

Tgt Ion: 63 Resp: 460599
Ion Ratio Lower Upper
63 100
106 29.9 21.2 31.8





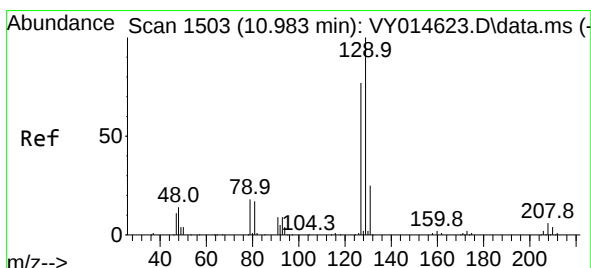
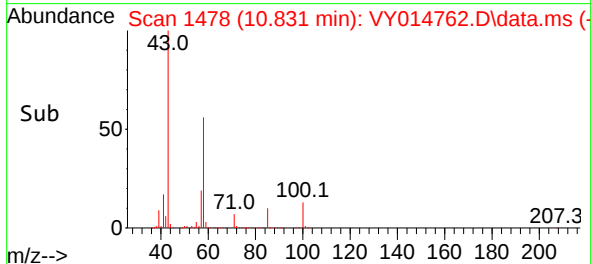
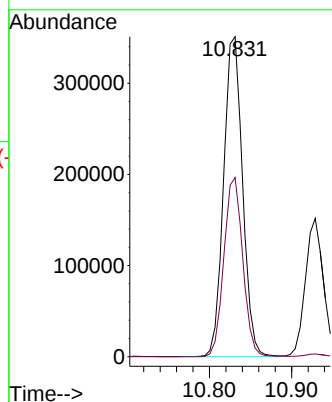
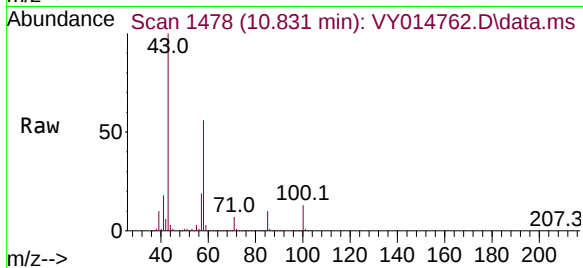
#59
2-Hexanone
Concen: 282.311 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 563362
Ion Ratio Lower Upper
43 100
58 55.8 25.1 75.3

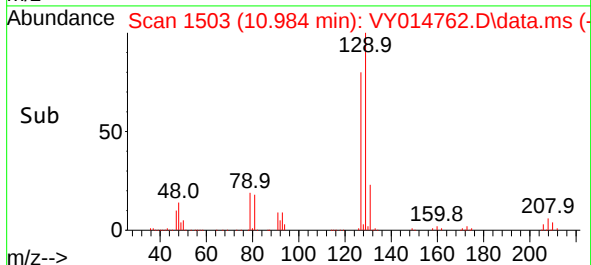
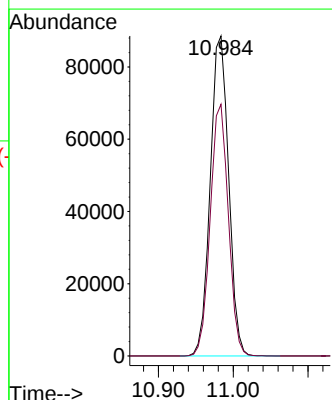
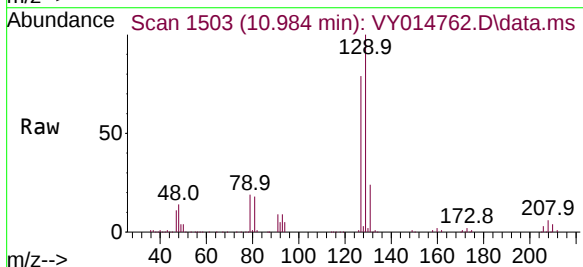
Manual Integrations
APPROVED

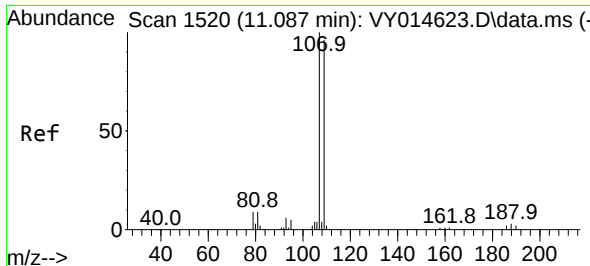
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#60
Dibromochloromethane
Concen: 49.437 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39

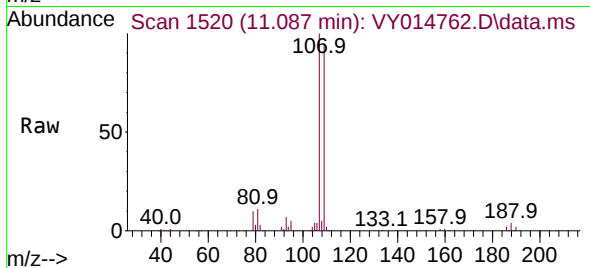
Tgt Ion:129 Resp: 151159
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5





#61
1,2-Dibromoethane
Concen: 49.568 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39

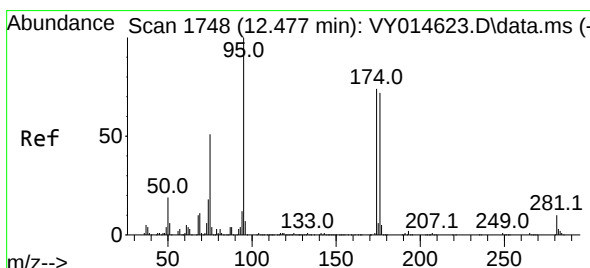
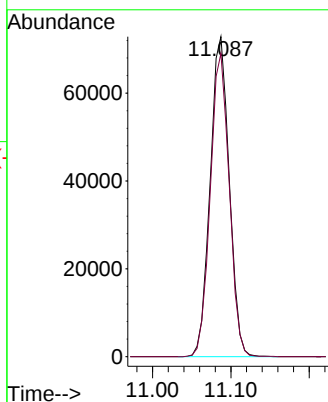
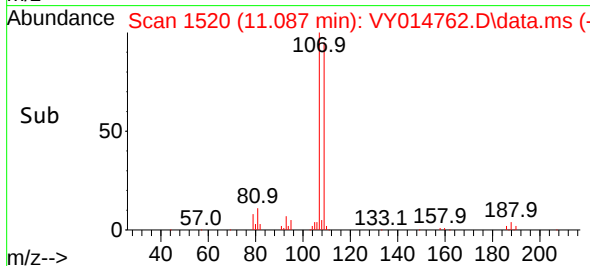
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



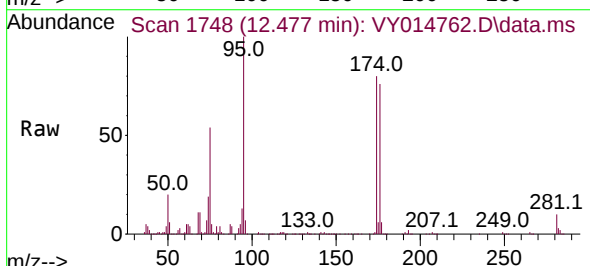
Tgt Ion:107 Resp: 123319
Ion Ratio Lower Upper
107 100
109 94.0 75.6 113.4

Manual Integrations
APPROVED

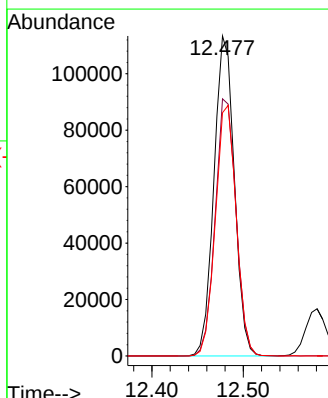
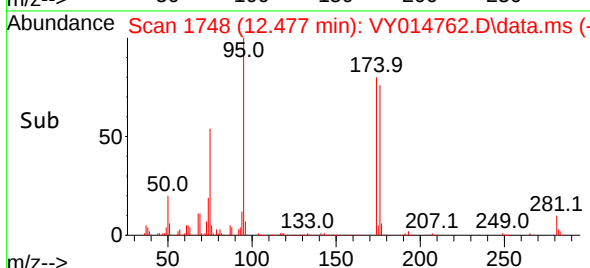
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

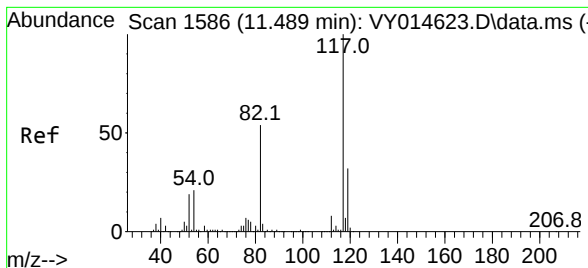


#62
4-Bromofluorobenzene
Concen: 46.792 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39



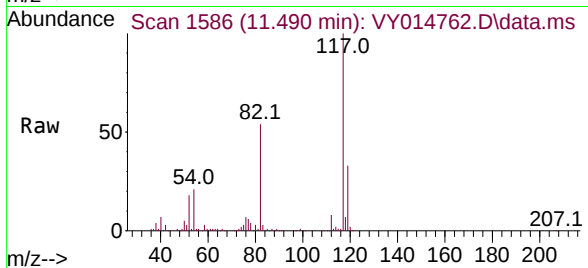
Tgt Ion: 95 Resp: 175770
Ion Ratio Lower Upper
95 100
174 82.2 0.0 178.2
176 80.0 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39

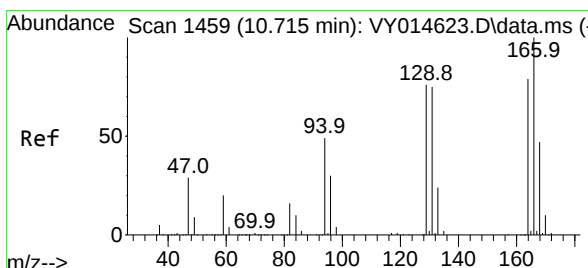
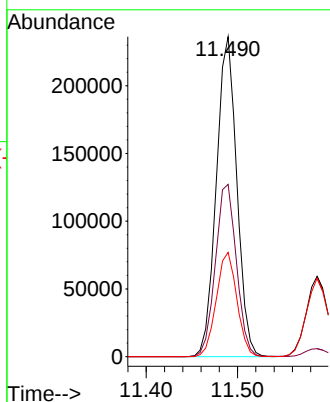
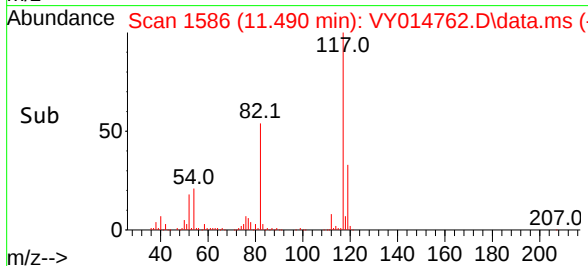
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



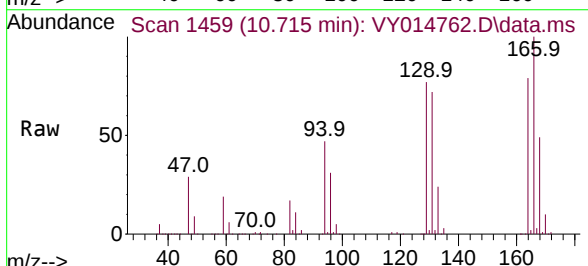
Tgt Ion:117 Resp: 368479
Ion Ratio Lower Upper
117 100
82 53.8 43.4 65.0
119 32.6 26.3 39.5

Manual Integrations
APPROVED

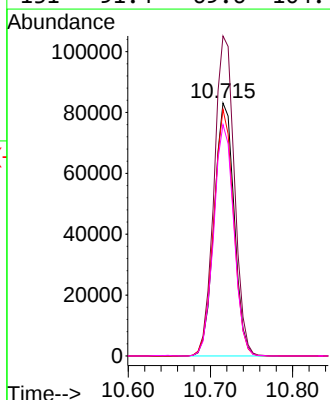
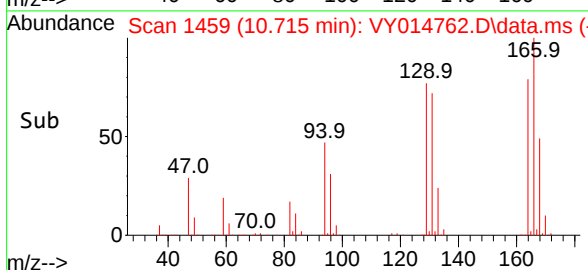
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

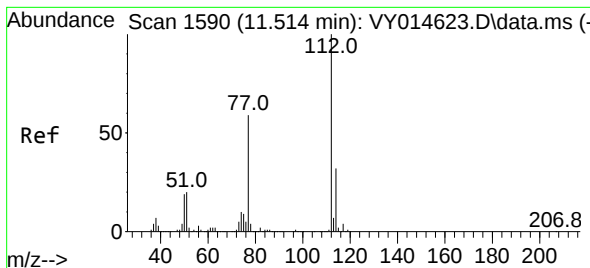


#64
Tetrachloroethene
Concen: 47.274 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39



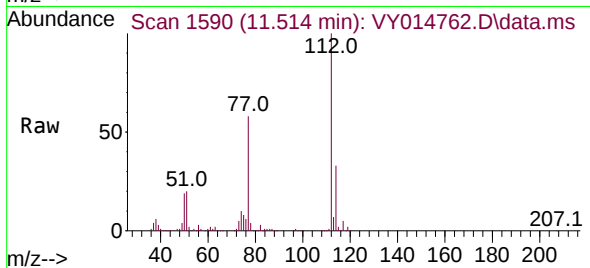
Tgt Ion:164 Resp: 140100
Ion Ratio Lower Upper
164 100
166 126.5 103.0 154.6
129 97.4 77.2 115.8
131 91.4 69.6 104.4





#65
Chlorobenzene
Concen: 46.767 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39

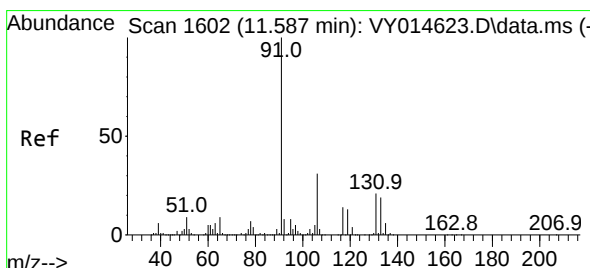
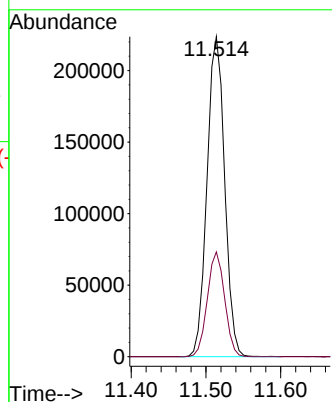
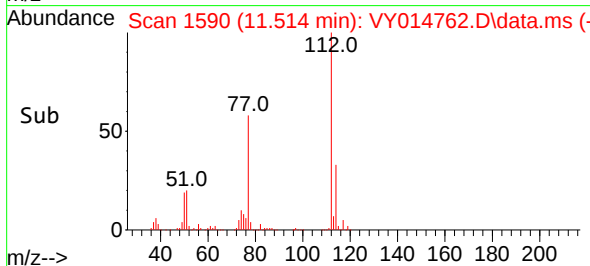
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



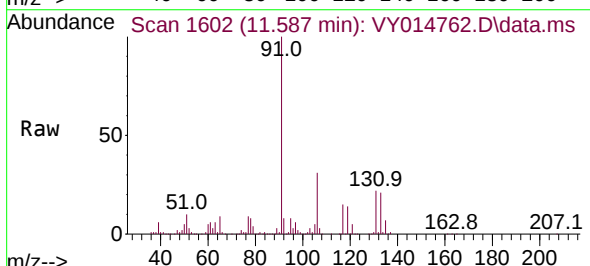
Tgt Ion:112 Resp: 367224
Ion Ratio Lower Upper
112 100
114 32.8 25.5 38.3

Manual Integrations
APPROVED

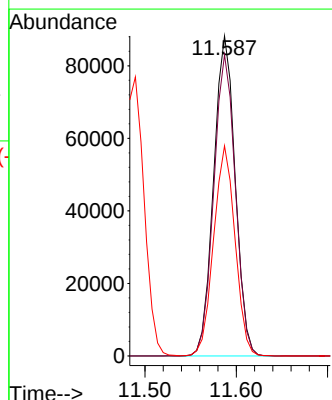
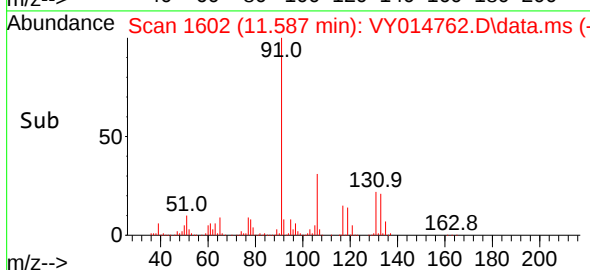
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

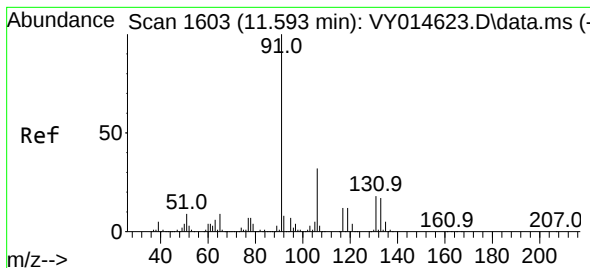


#66
1,1,1,2-Tetrachloroethane
Concen: 48.798 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39



Tgt Ion:131 Resp: 144473
Ion Ratio Lower Upper
131 100
133 94.5 47.5 142.6
119 65.3 31.6 94.7





#67

Ethyl Benzene

Concen: 45.846 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY014762.D

Acq: 24 Jul 2023 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 649969

Ion Ratio Lower Upper

91 100

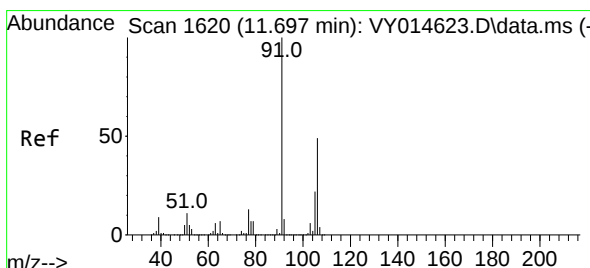
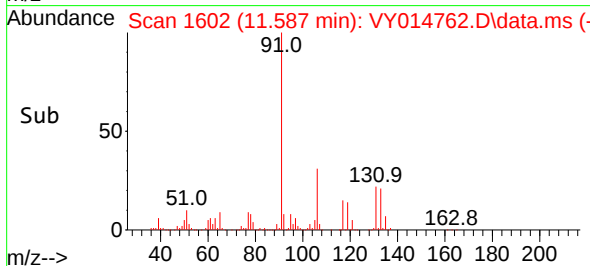
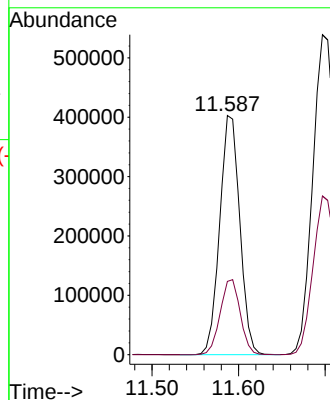
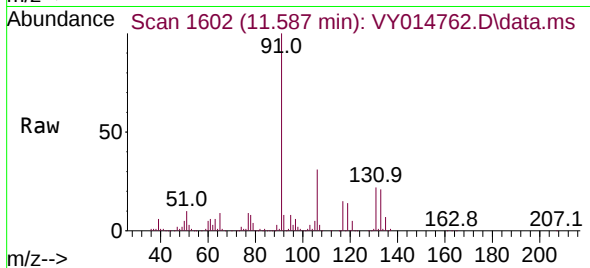
106 30.7 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#68

m/p-Xylenes

Concen: 92.002 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY014762.D

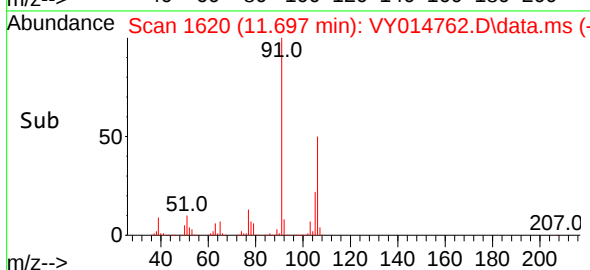
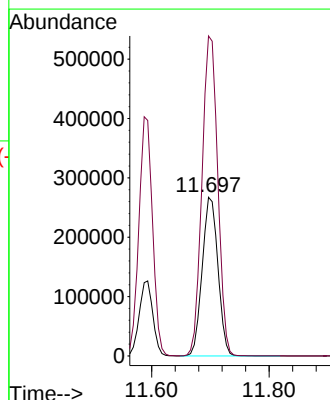
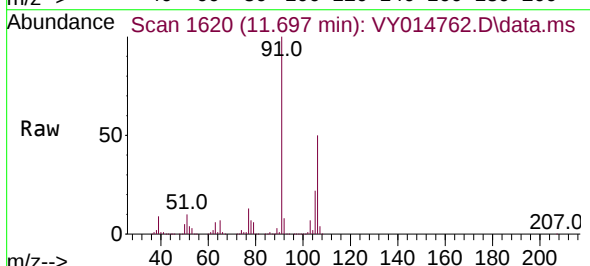
Acq: 24 Jul 2023 10:39

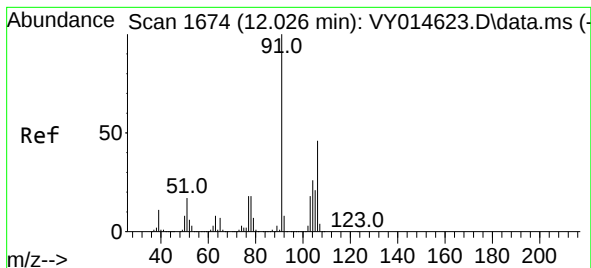
Tgt Ion:106 Resp: 497893

Ion Ratio Lower Upper

106 100

91 202.3 166.1 249.1





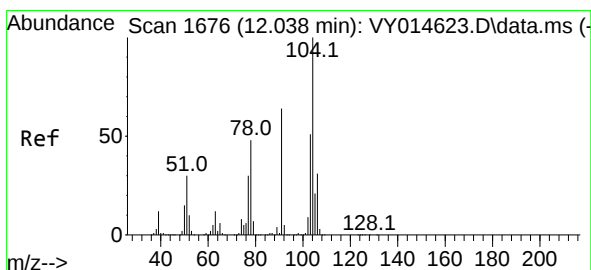
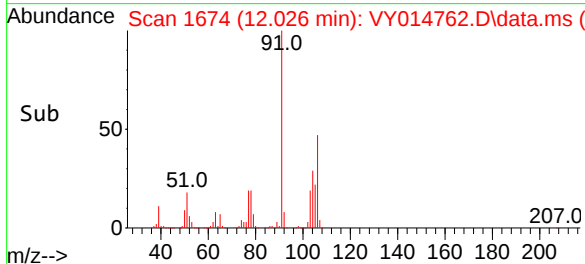
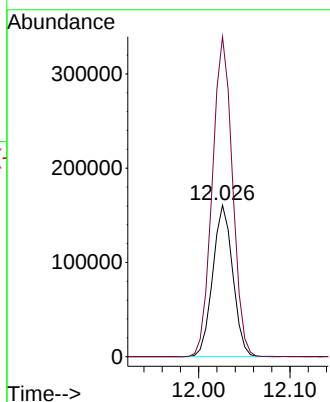
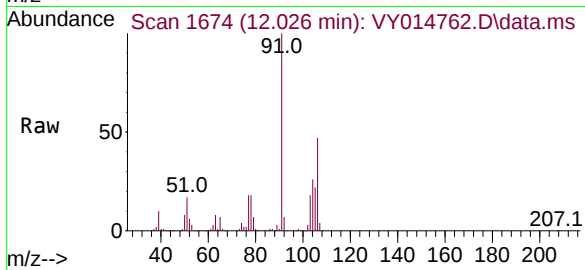
#69
o-Xylene
Concen: 46.346 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 244290
Ion Ratio Lower Upper
106 100
91 213.1 108.1 324.3

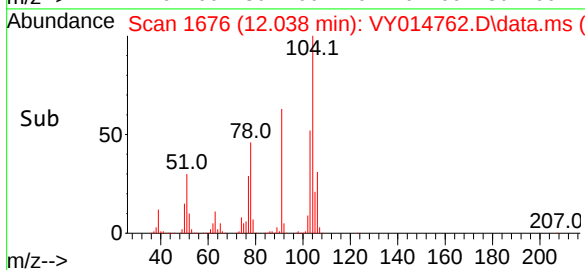
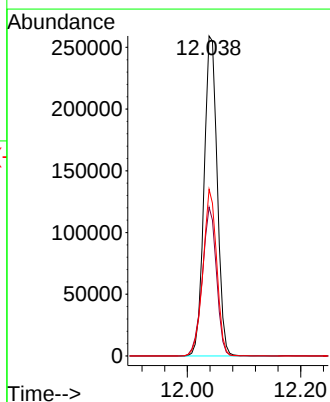
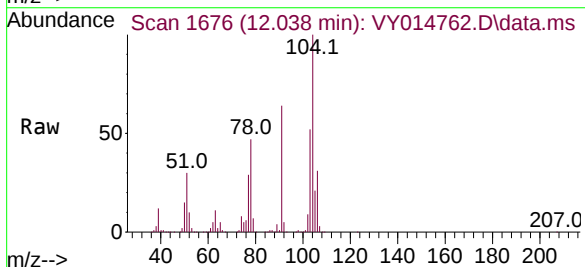
Manual Integrations
APPROVED

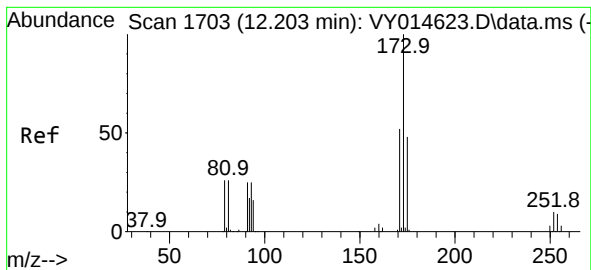
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#70
Styrene
Concen: 47.036 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39

Tgt Ion:104 Resp: 417869
Ion Ratio Lower Upper
104 100
78 49.8 41.5 62.3
103 54.3 44.6 67.0





#71

Bromoform

Concen: 52.624 ug/l

RT: 12.203 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VY014762.D

Acq: 24 Jul 2023 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 105609

Ion Ratio Lower Upper

173 100

175 48.2 24.6 73.8

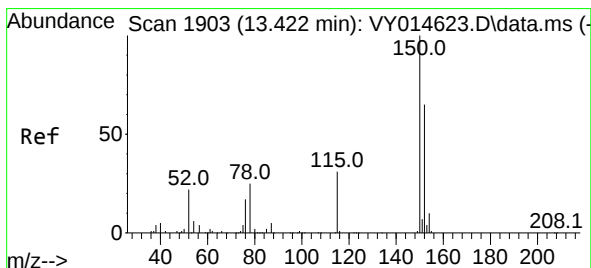
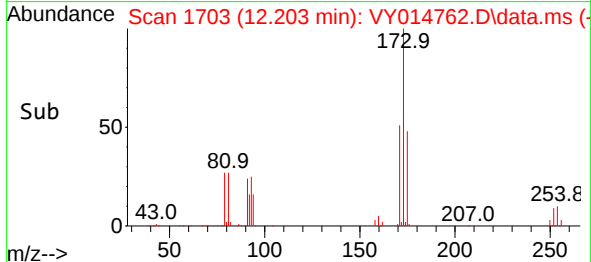
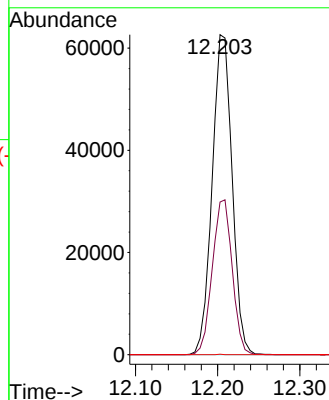
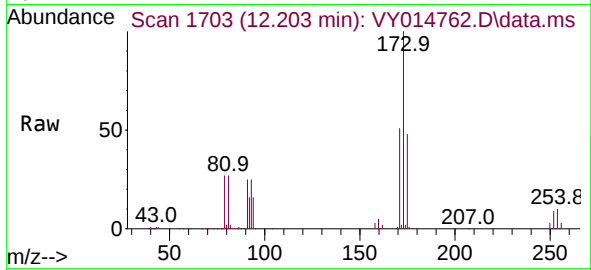
254 0.0 0.2 0.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014762.D

Acq: 24 Jul 2023 10:39

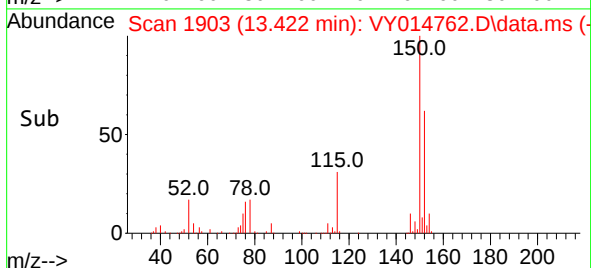
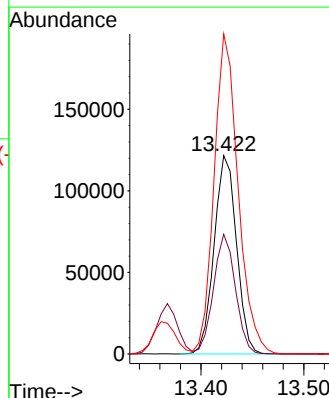
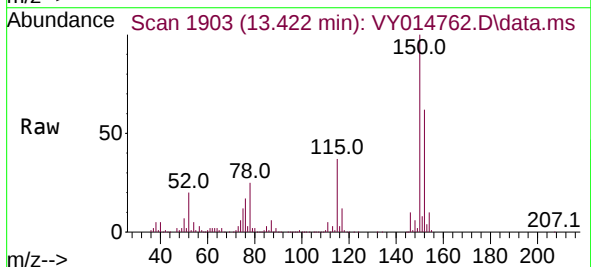
Tgt Ion:152 Resp: 183898

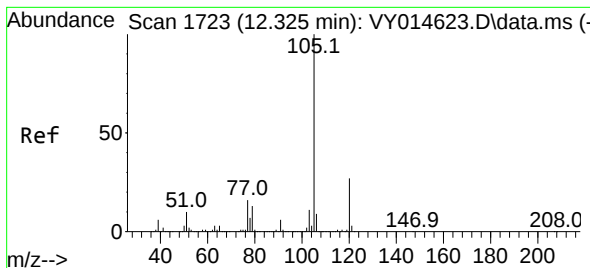
Ion Ratio Lower Upper

152 100

115 59.1 28.8 86.5

150 172.9 0.0 348.8





#73

Isopropylbenzene

Concen: 44.438 ug/l

RT: 12.325 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014762.D

Acq: 24 Jul 2023 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 639874

Ion Ratio Lower Upper

105 100

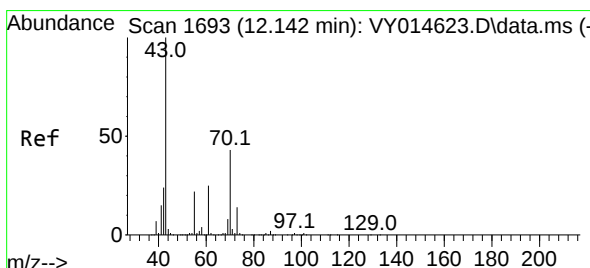
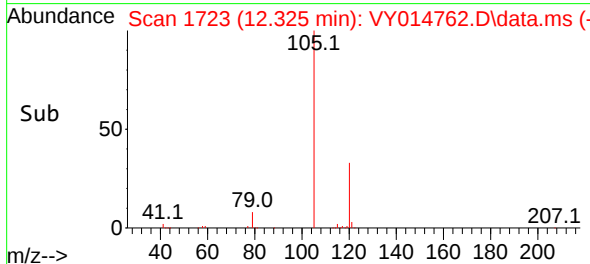
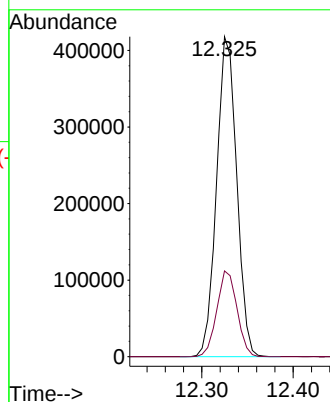
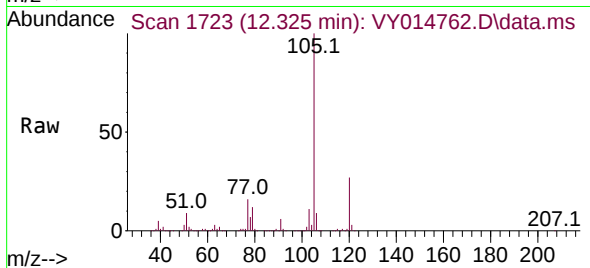
120 26.8 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#74

N-ethyl acetate

Concen: 49.312 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014762.D

Acq: 24 Jul 2023 10:39

Tgt Ion: 43 Resp: 237812

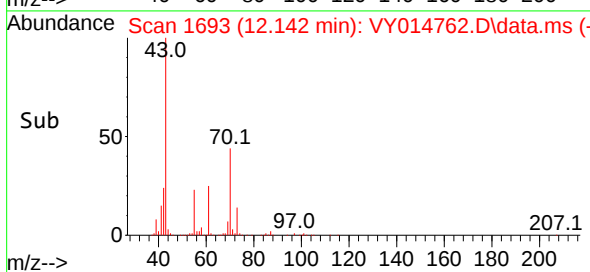
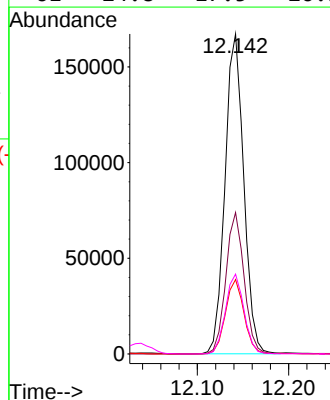
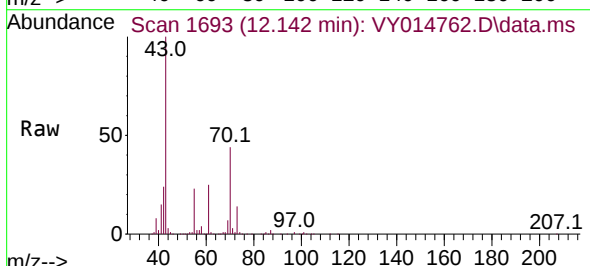
Ion Ratio Lower Upper

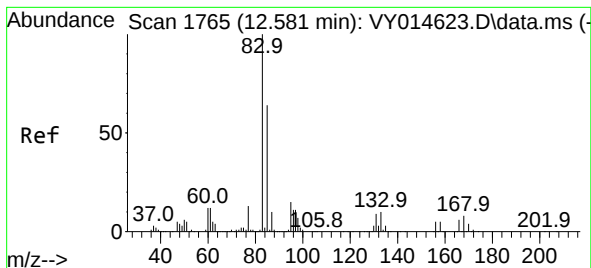
43 100

70 43.3 29.7 44.5

55 23.1 18.3 27.5

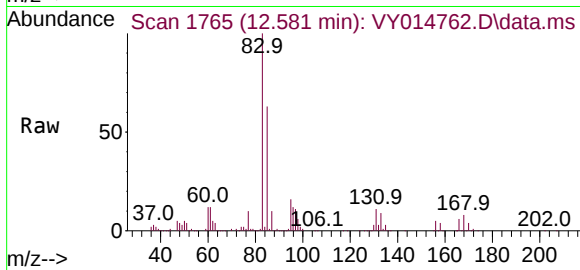
61 24.8 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 49.549 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39

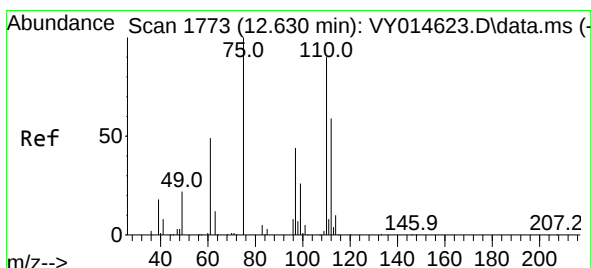
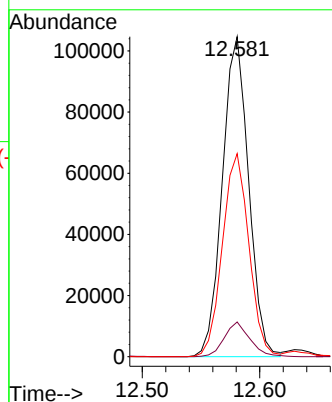
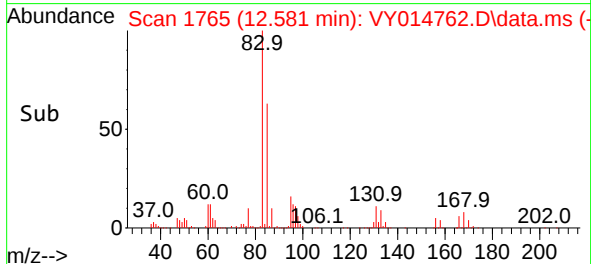
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



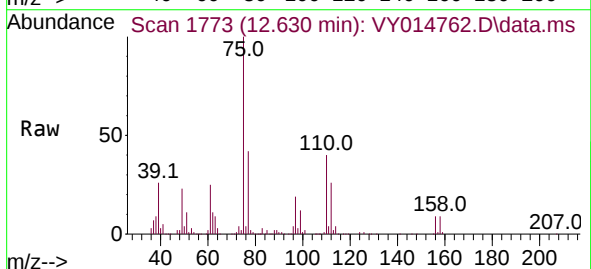
Tgt Ion: 83 Resp: 162704
Ion Ratio Lower Upper
83 100
131 10.5 5.4 16.2
85 64.0 31.8 95.4

Manual Integrations
APPROVED

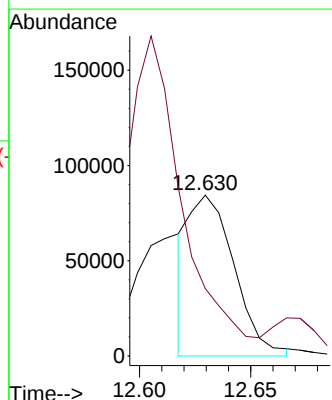
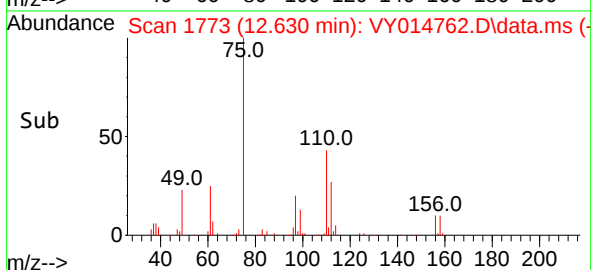
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

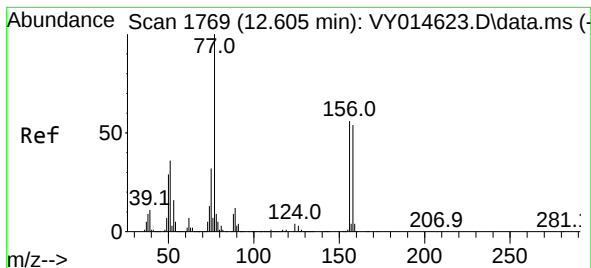


#76
1,2,3-Trichloropropane
Concen: 51.858 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39



Tgt Ion: 75 Resp: 120444
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.823 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY014762.D

Acq: 24 Jul 2023 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

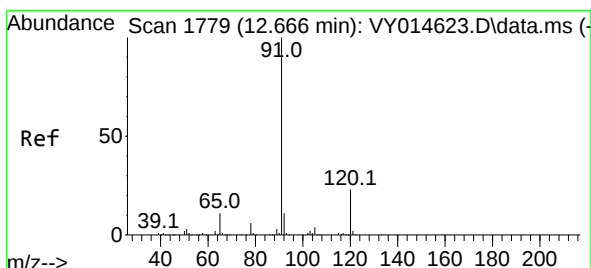
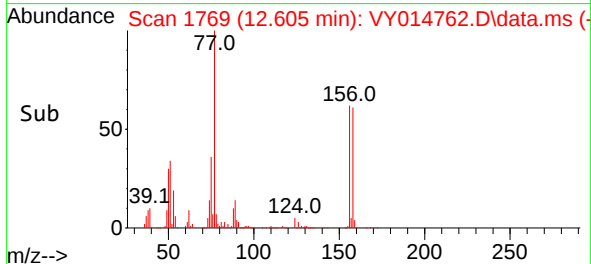
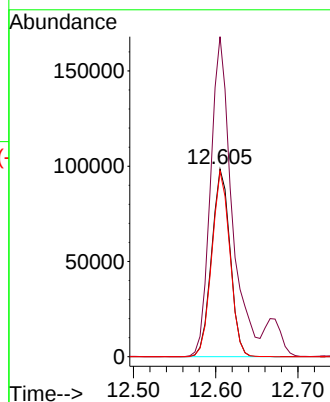
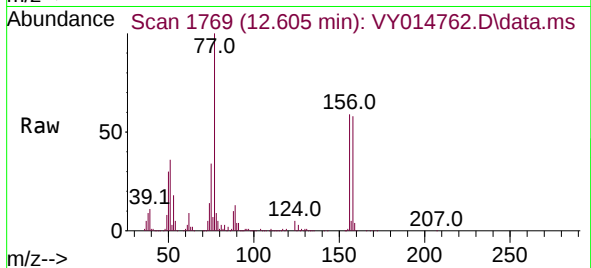
Tgt Ion:	156	Resp:	15390
Ion Ratio	Lower	Upper	
156	100		
77	196.8	92.8	278.6
158	96.9	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#78

n-propylbenzene

Concen: 44.130 ug/l

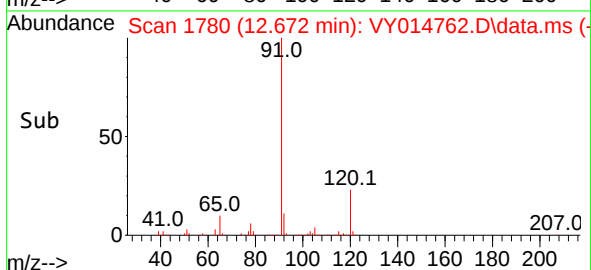
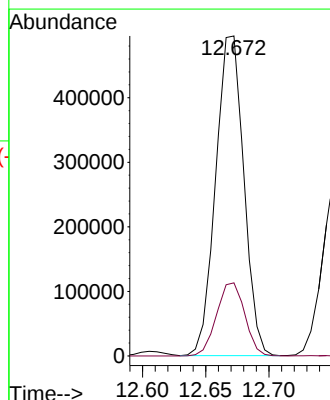
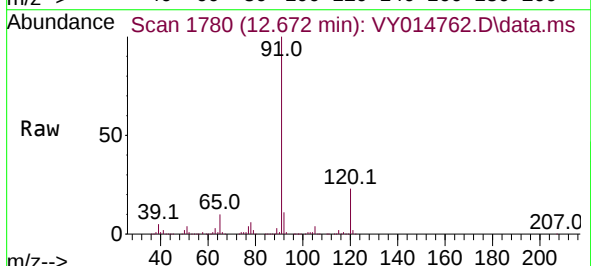
RT: 12.672 min Scan# 1780

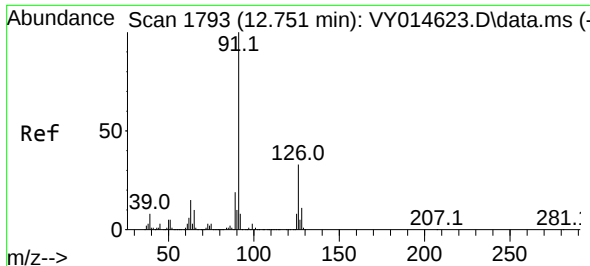
Delta R.T. 0.006 min

Lab File: VY014762.D

Acq: 24 Jul 2023 10:39

Tgt Ion:	91	Resp:	765720
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.5	34.4





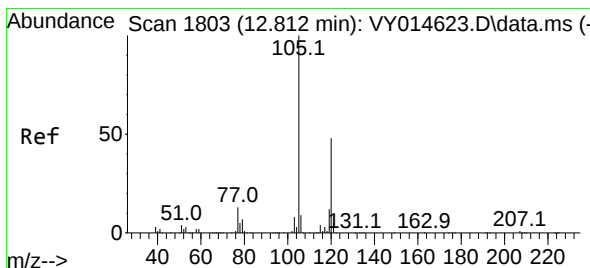
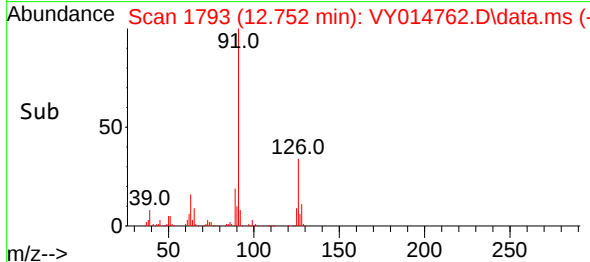
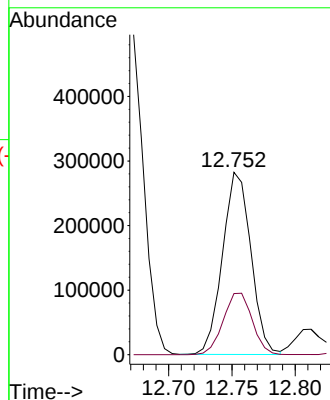
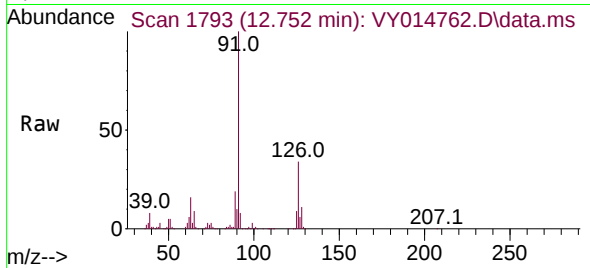
#79
2-Chlorotoluene
Concen: 44.129 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. 0.001 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 441025
Ion Ratio Lower Upper
91 100
126 34.5 17.3 51.7

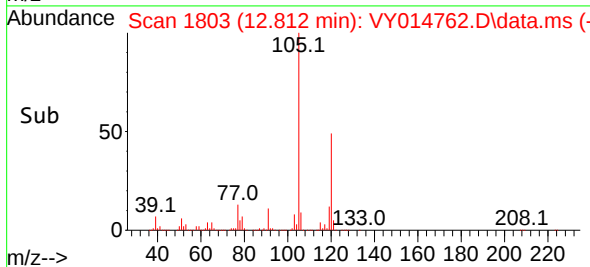
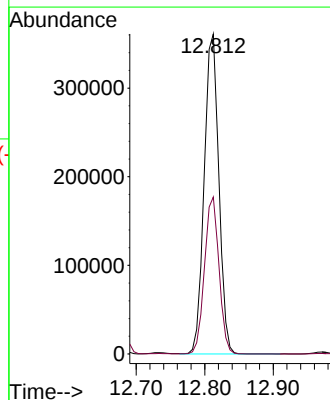
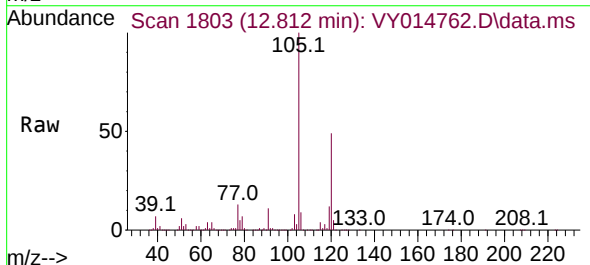
Manual Integrations
APPROVED

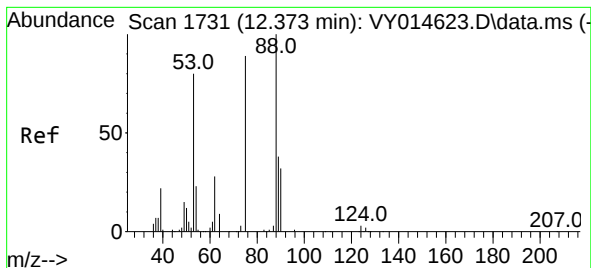
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#80
1,3,5-Trimethylbenzene
Concen: 44.654 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39

Tgt Ion:105 Resp: 536986
Ion Ratio Lower Upper
105 100
120 48.6 23.9 71.7





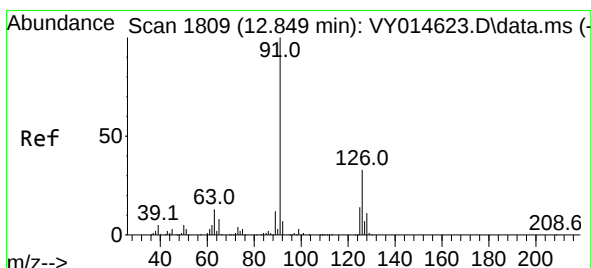
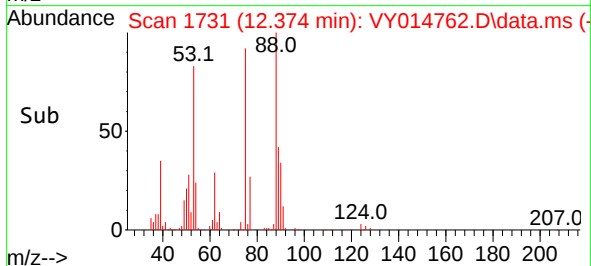
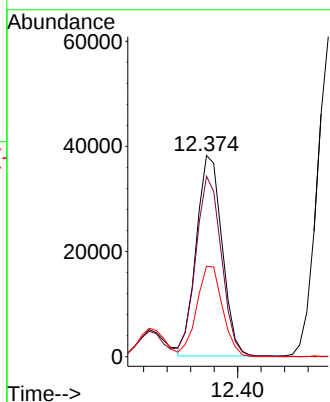
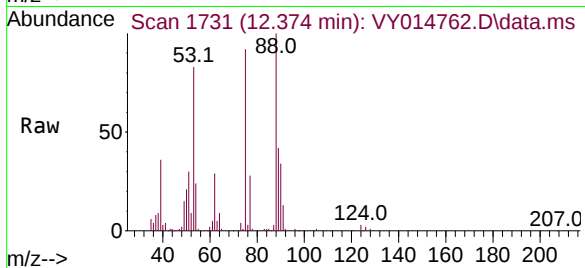
#81
trans-1,4-Dichloro-2-butene
Concen: 48.402 ug/l
RT: 12.374 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 58062
Ion Ratio Lower Upper
75 100
53 91.0 77.8 116.8
89 45.3 37.4 56.0

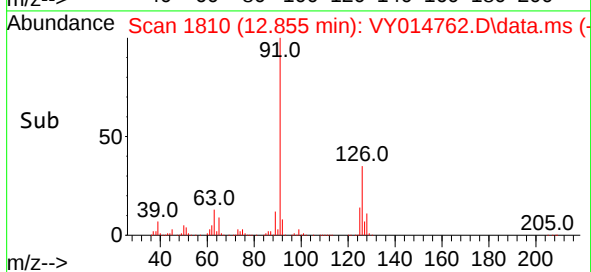
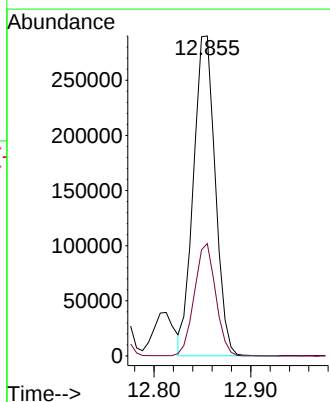
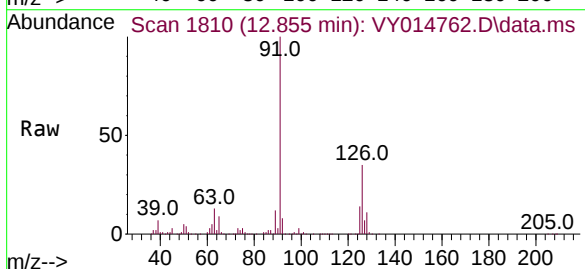
Manual Integrations
APPROVED

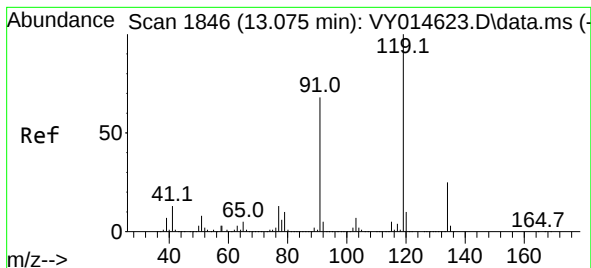
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#82
4-Chlorotoluene
Concen: 44.298 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39

Tgt Ion: 91 Resp: 455952
Ion Ratio Lower Upper
91 100
126 34.5 17.2 51.6





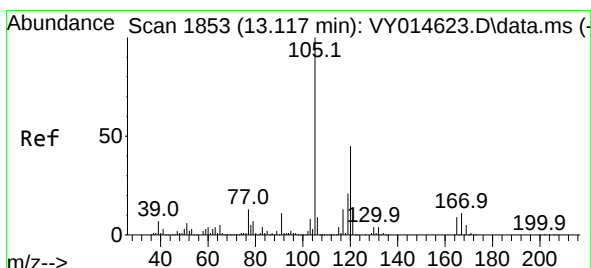
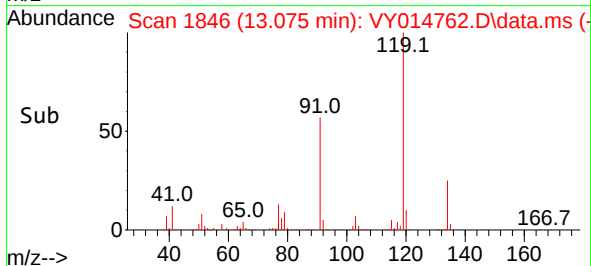
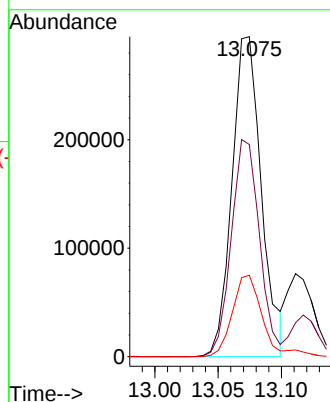
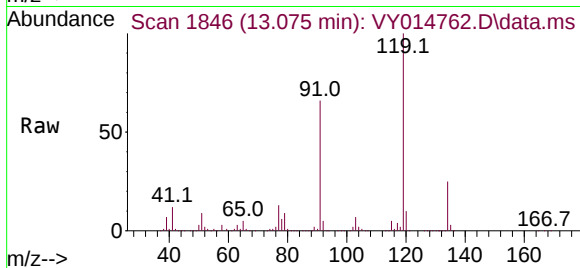
#83
tert-Butylbenzene
Concen: 44.731 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 47716
Ion Ratio Lower Upper
119 100
91 65.3 32.9 98.6
134 26.2 13.0 38.9

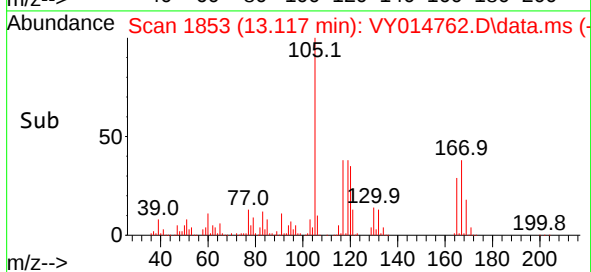
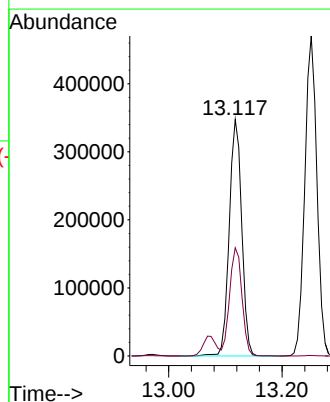
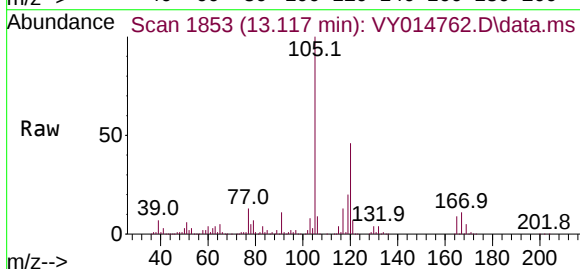
Manual Integrations
APPROVED

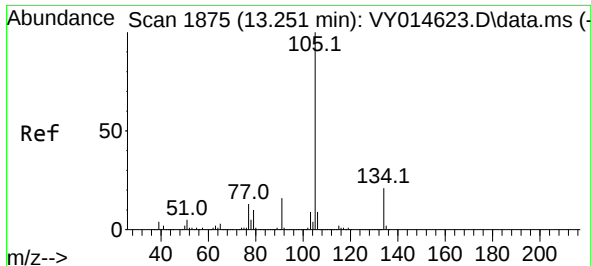
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#84
1,2,4-Trimethylbenzene
Concen: 44.774 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39

Tgt Ion:105 Resp: 528410
Ion Ratio Lower Upper
105 100
120 45.3 22.2 66.6





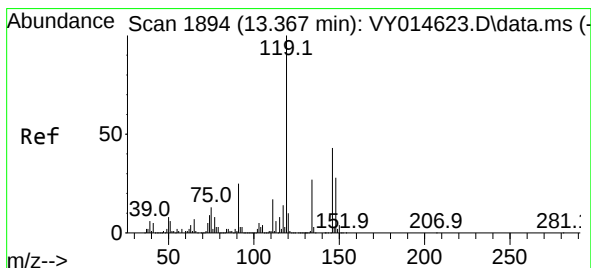
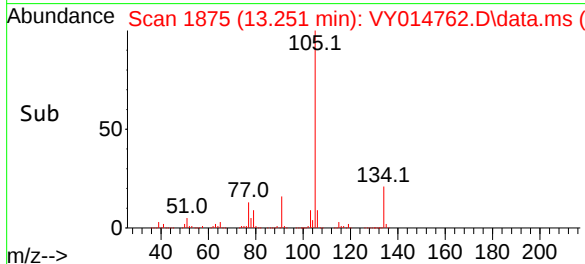
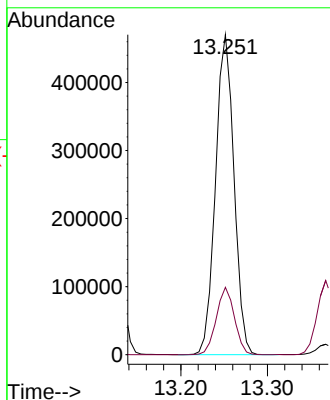
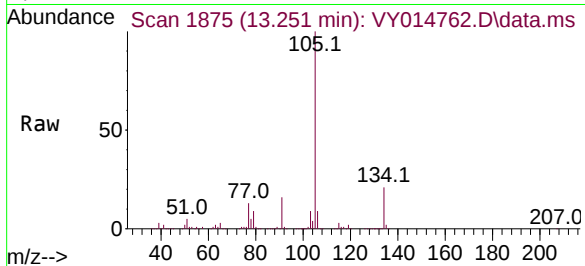
#85
 sec-Butylbenzene
 Concen: 44.477 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY014762.D
 Acq: 24 Jul 2023 10:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 696000
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.6

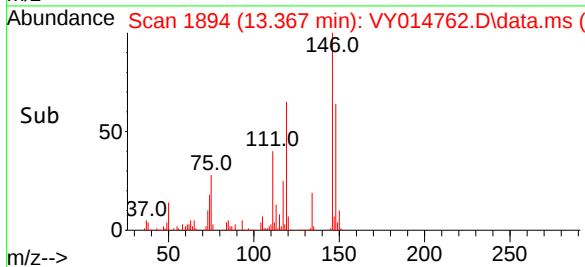
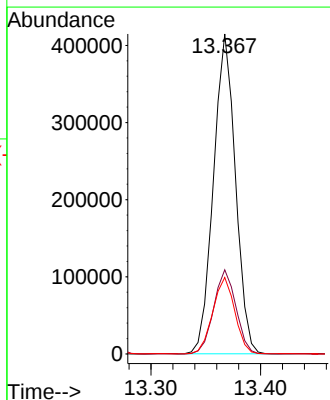
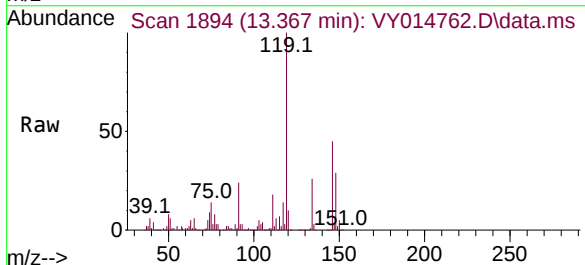
Manual Integrations
 APPROVED

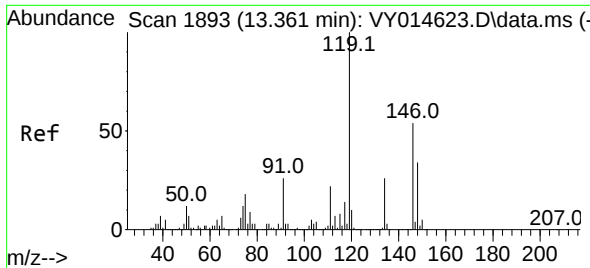
Reviewed By :John Carlone 07/25/2023
 Supervised By :Mahesh Dadoda 07/25/2023



#86
 p-Isopropyltoluene
 Concen: 45.199 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY014762.D
 Acq: 24 Jul 2023 10:39

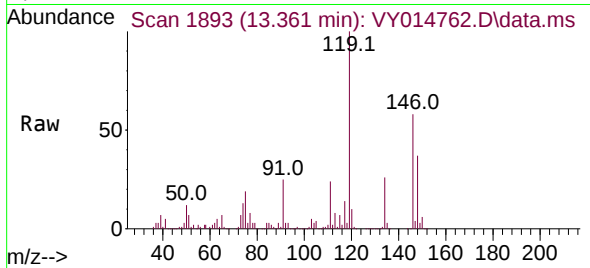
Tgt Ion:119 Resp: 577479
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 23.9 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 46.618 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39

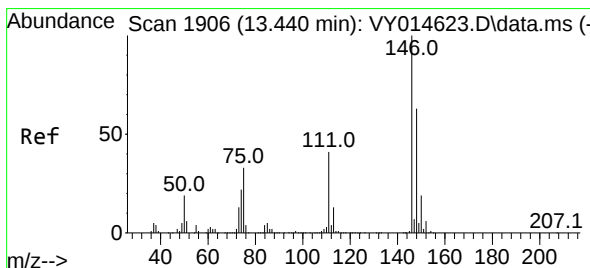
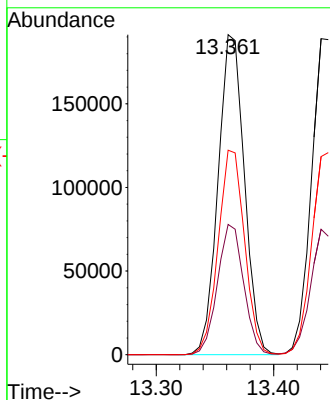
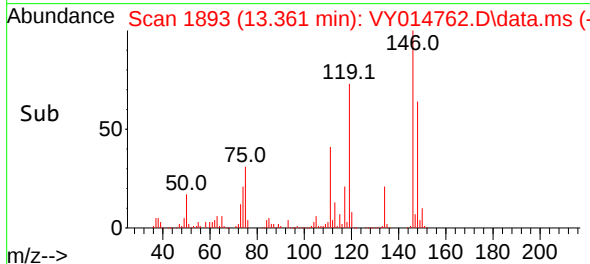
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



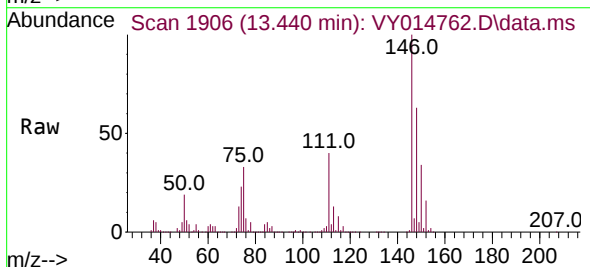
Tgt Ion:146 Resp: 298219
Ion Ratio Lower Upper
146 100
111 40.5 19.4 58.2
148 64.1 31.9 95.5

Manual Integrations
APPROVED

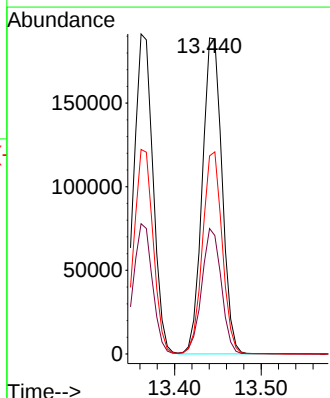
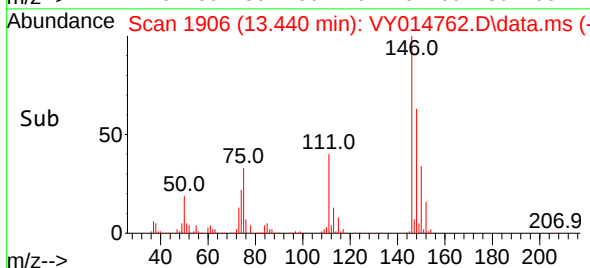
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

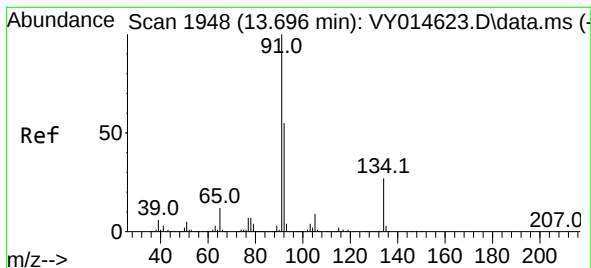


#88
1,4-Dichlorobenzene
Concen: 46.578 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39



Tgt Ion:146 Resp: 298583
Ion Ratio Lower Upper
146 100
111 39.2 18.9 56.7
148 63.7 32.1 96.5





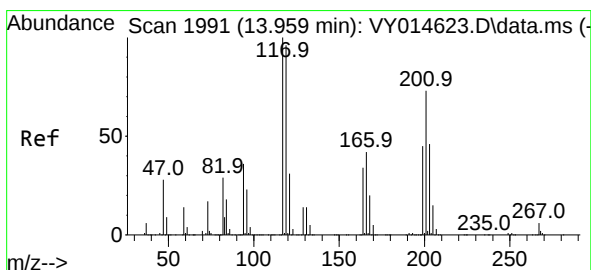
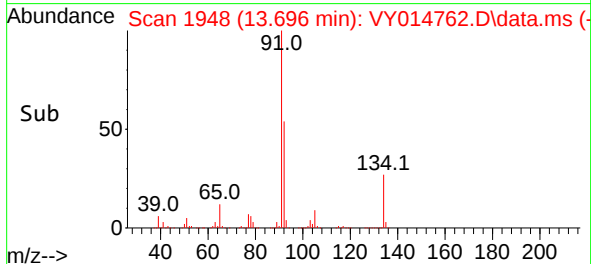
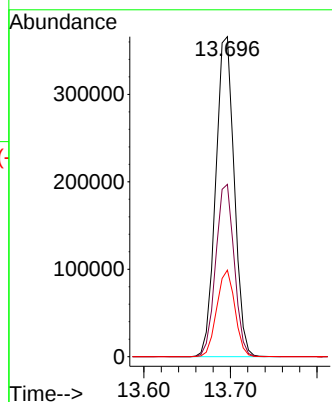
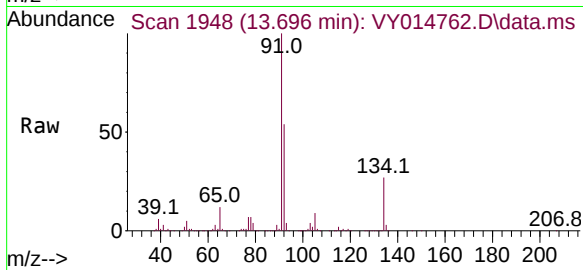
#89
n-Butylbenzene
Concen: 43.787 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 544278
Ion Ratio Lower Upper
91 100
92 53.7 25.4 76.0
134 26.5 12.6 37.6

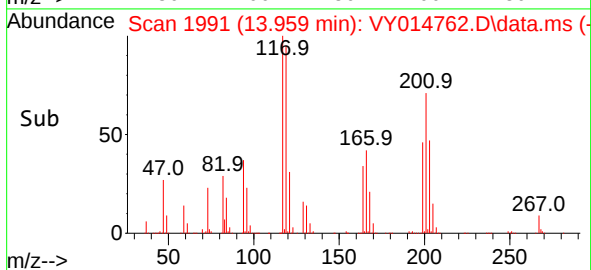
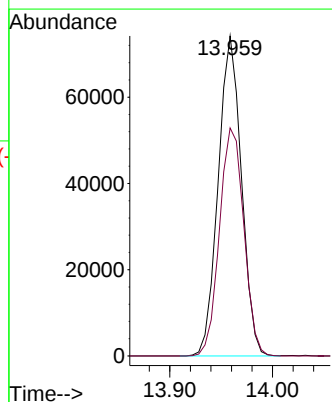
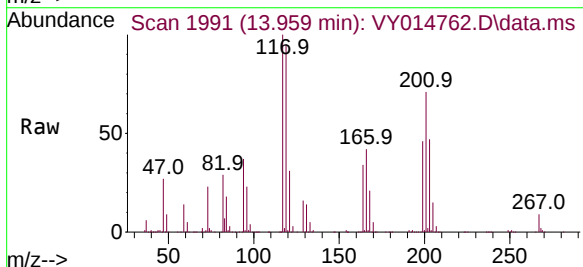
Manual Integrations
APPROVED

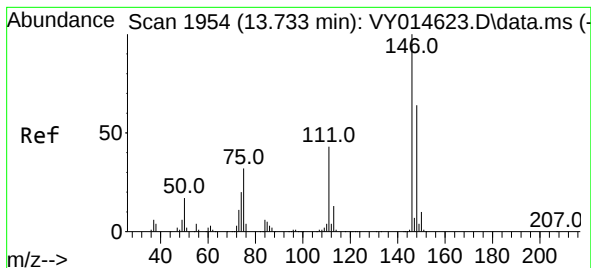
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#90
Hexachloroethane
Concen: 44.314 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39

Tgt Ion:117 Resp: 116292
Ion Ratio Lower Upper
117 100
201 74.7 41.6 124.8





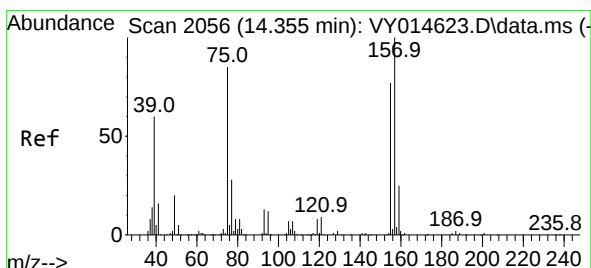
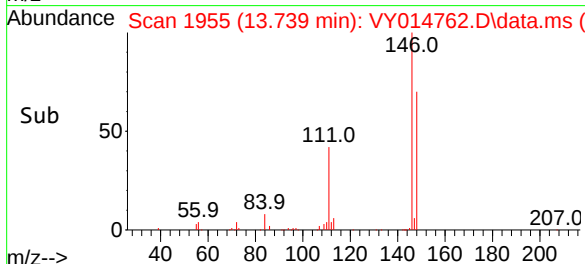
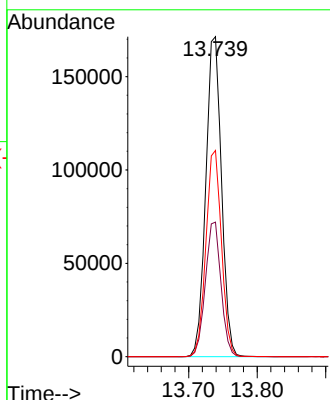
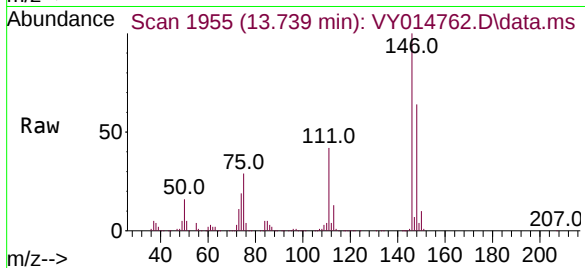
#91
1,2-Dichlorobenzene
Concen: 46.614 ug/l
RT: 13.739 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 27320
Ion Ratio Lower Upper
146 100
111 42.0 19.7 59.0
148 64.0 32.0 96.2

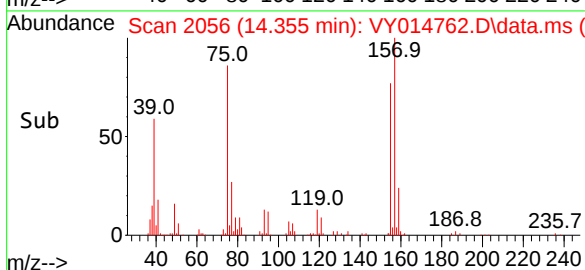
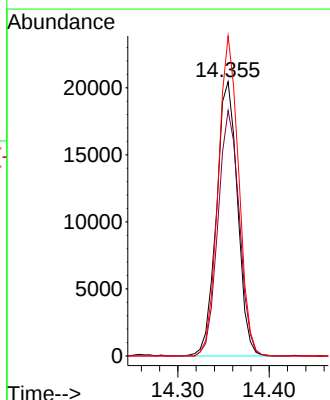
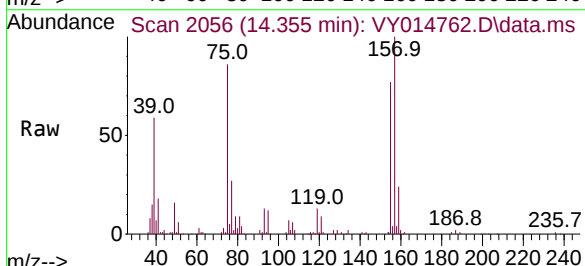
Manual Integrations
APPROVED

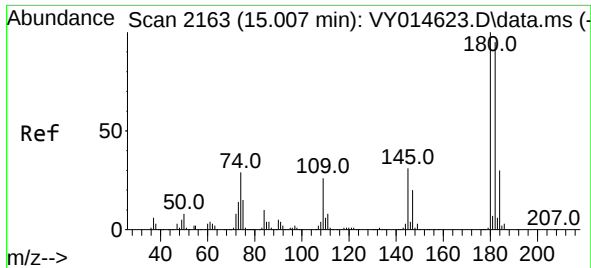
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.122 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39

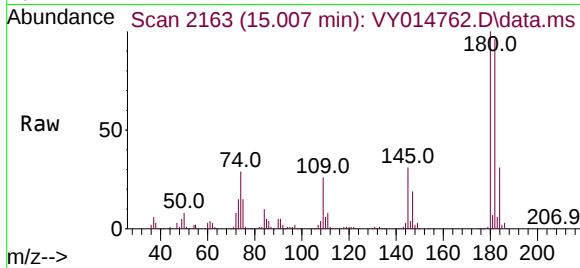
Tgt Ion: 75 Resp: 32731
Ion Ratio Lower Upper
75 100
155 90.2 41.5 124.6
157 113.3 51.8 155.5





#93
1,2,4-Trichlorobenzene
Concen: 47.114 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39

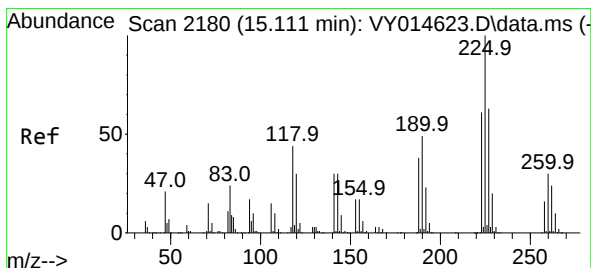
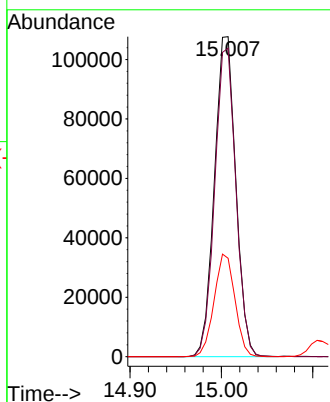
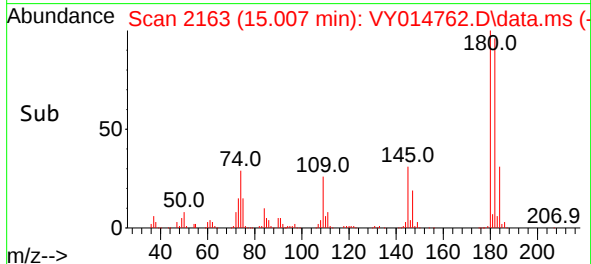
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



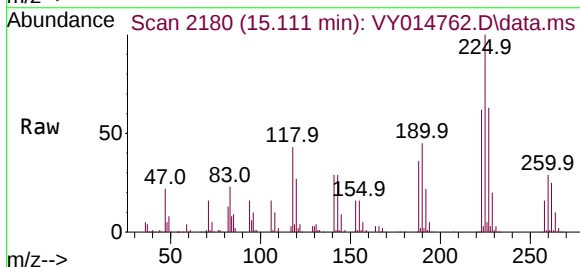
Tgt Ion:180 Resp: 175289
Ion Ratio Lower Upper
180 100
182 95.3 47.0 141.2
145 31.3 14.5 43.5

Manual Integrations
APPROVED

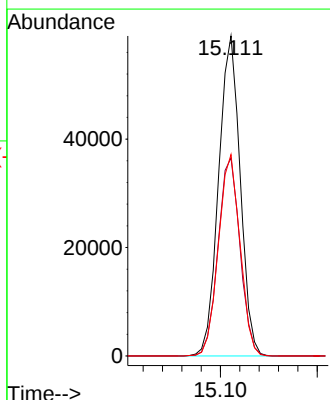
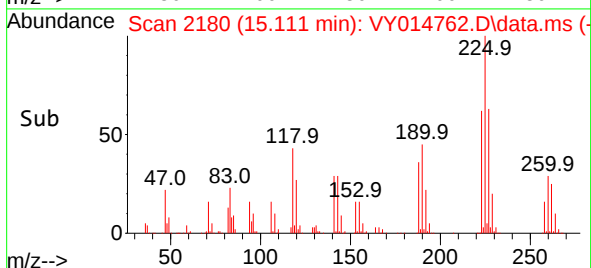
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

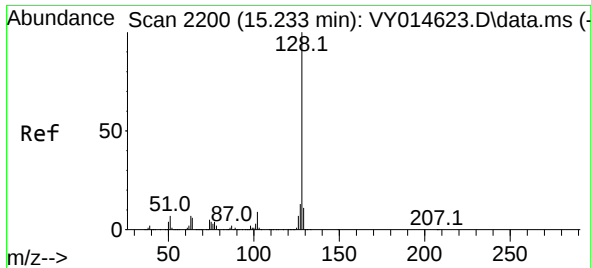


#94
Hexachlorobutadiene
Concen: 44.698 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39



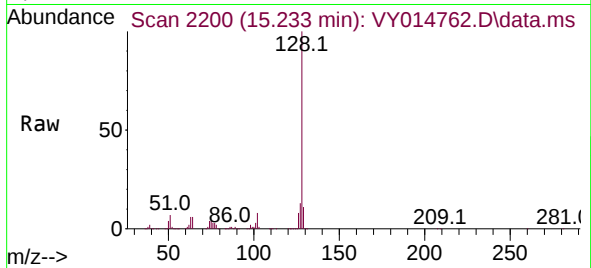
Tgt Ion:225 Resp: 91388
Ion Ratio Lower Upper
225 100
223 62.9 31.9 95.9
227 62.9 33.0 98.9





#95
Naphthalene
Concen: 51.794 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39

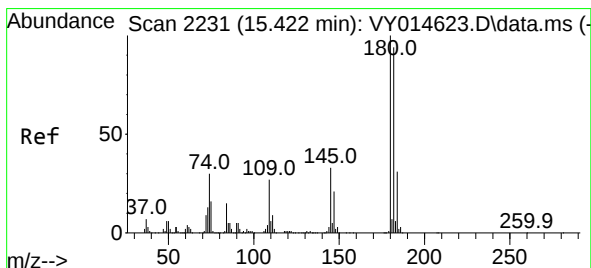
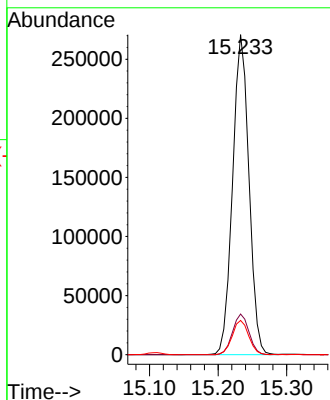
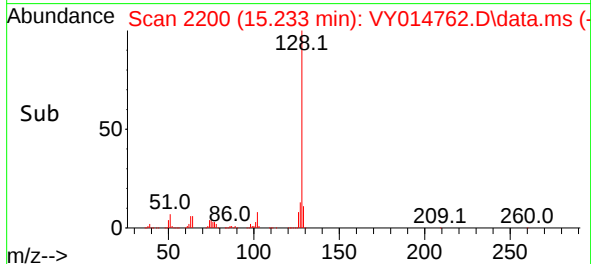
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



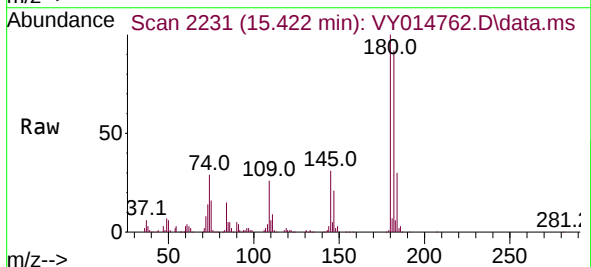
Tgt Ion:128 Resp: 448945
Ion Ratio Lower Upper
128 100
127 12.8 10.8 16.2
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#96
1,2,3-Trichlorobenzene
Concen: 48.216 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY014762.D
Acq: 24 Jul 2023 10:39



Tgt Ion:180 Resp: 159429
Ion Ratio Lower Upper
180 100
182 93.9 47.3 141.8
145 32.7 15.4 46.2

