

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071823\
 Data File : VY014688.D
 Acq On : 18 Jul 2023 09:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 19 03:58:47 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	252006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	426709	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	374816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	183118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	154081	53.655	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.300%			
35) Dibromofluoromethane	7.716	113	145091	53.414	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.820%			
50) Toluene-d8	10.179	98	522514	52.176	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.360%			
62) 4-Bromofluorobenzene	12.483	95	192101	50.027	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 100.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	87769	42.749	ug/l	96
3) Chloromethane	2.107	50	132783	57.534	ug/l	99
4) Vinyl Chloride	2.247	62	145925	56.575	ug/l	97
5) Bromomethane	2.643	94	104221	61.142	ug/l	100
6) Chloroethane	2.790	64	96320	59.783	ug/l	97
7) Trichlorofluoromethane	3.119	101	212767	49.115	ug/l	97
8) Diethyl Ether	3.527	74	83469	51.786	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.899	101	126964	47.817	ug/l	95
10) Methyl Iodide	4.088	142	146941	52.100	ug/l	97
11) Tert butyl alcohol	4.960	59	137392	229.380	ug/l #	86
12) 1,1-Dichloroethene	3.869	96	123493	49.763	ug/l	93
13) Acrolein	3.729	56	59761	199.104	ug/l	98
14) Allyl chloride	4.479	41	216064	49.036	ug/l	96
15) Acrylonitrile	5.161	53	245201	275.876	ug/l	99
16) Acetone	3.948	43	233229	256.293	ug/l	92
17) Carbon Disulfide	4.192	76	340053	47.862	ug/l	99
18) Methyl Acetate	4.472	43	194719	55.758	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	430835	53.445	ug/l	99
20) Methylene Chloride	4.710	84	151629	51.410	ug/l	91
21) trans-1,2-Dichloroethene	5.216	96	144432	51.285	ug/l	97
22) Diisopropyl ether	6.118	45	462220	51.597	ug/l	92
23) Vinyl Acetate	6.057	43	1395668	260.342	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	266315	51.956	ug/l	98
25) 2-Butanone	6.984	43	354863	266.547	ug/l	95
26) 2,2-Dichloropropane	6.978	77	254479	52.092	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	173720	52.994	ug/l	96
28) Bromochloromethane	7.332	49	115544	52.340	ug/l	94
29) Tetrahydrofuran	7.344	42	221761	270.514	ug/l	92
30) Chloroform	7.502	83	278533	52.695	ug/l	95
31) Cyclohexane	7.783	56	205474	43.103	ug/l	91
32) 1,1,1-Trichloroethane	7.704	97	246934	51.907	ug/l	99
36) 1,1-Dichloropropene	7.917	75	198617	48.894	ug/l	99
37) Ethyl Acetate	7.076	43	145932	52.178	ug/l #	95
38) Carbon Tetrachloride	7.899	117	214830	50.029	ug/l	98
39) Methylcyclohexane	9.185	83	234863	44.379	ug/l	93
40) Benzene	8.161	78	586267	50.746	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071823\
 Data File : VY014688.D
 Acq On : 18 Jul 2023 09:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 19 03:58:47 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

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	77791m	54.076	ug/l	
42) 1,2-Dichloroethane	8.234	62	188777	51.599	ug/l	95
43) Isopropyl Acetate	8.271	43	275316	51.677	ug/l	96
44) Trichloroethene	8.941	130	162677	50.326	ug/l	100
45) 1,2-Dichloropropane	9.215	63	150351	49.839	ug/l	98
46) Dibromomethane	9.307	93	95687	52.284	ug/l	96
47) Bromodichloromethane	9.496	83	222928	51.683	ug/l	99
48) Methyl methacrylate	9.295	41	122299	51.015	ug/l	92
49) 1,4-Dioxane	9.301	88	31202	1045.582	ug/l #	50
51) 4-Methyl-2-Pentanone	10.069	43	750241	268.206	ug/l	94
52) Toluene	10.246	92	374163	50.612	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	239234	50.705	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	261010	50.871	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	133912	52.529	ug/l	97
56) Ethyl methacrylate	10.508	69	202716	52.081	ug/l	90
57) 1,3-Dichloropropane	10.788	76	227672	51.779	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	461389	254.403	ug/l	94
59) 2-Hexanone	10.831	43	540280	264.855	ug/l	92
60) Dibromochloromethane	10.983	129	164429	52.607	ug/l	100
61) 1,2-Dibromoethane	11.087	107	132115	51.949	ug/l	100
64) Tetrachloroethene	10.721	164	149864	49.714	ug/l	97
65) Chlorobenzene	11.514	112	408322	51.122	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	159665	53.018	ug/l	99
67) Ethyl Benzene	11.593	91	735031	50.969	ug/l	98
68) m/p-Xylenes	11.703	106	558249	101.410	ug/l	97
69) o-Xylene	12.032	106	274069	51.115	ug/l	98
70) Styrene	12.044	104	466334	51.603	ug/l	98
71) Bromoform	12.209	173	110821	54.289	ug/l #	99
73) Isopropylbenzene	12.331	105	725029	50.566	ug/l	100
74) N-amyl acetate	12.142	43	241757	50.344	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	171869	52.563	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	130119m	56.262	ug/l	
77) Bromobenzene	12.611	156	169446	51.772	ug/l	95
78) n-propylbenzene	12.672	91	855833	49.534	ug/l	99
79) 2-Chlorotoluene	12.758	91	491394	49.378	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	600720	50.167	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	60817	50.915	ug/l	95
82) 4-Chlorotoluene	12.855	91	508853	49.648	ug/l	100
83) tert-Butylbenzene	13.075	119	529923	49.888	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	591222	50.310	ug/l	98
85) sec-Butylbenzene	13.251	105	778775	49.979	ug/l	99
86) p-Isopropyltoluene	13.373	119	646674	50.830	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	329936	51.796	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	326786	51.194	ug/l	99
89) n-Butylbenzene	13.696	91	598769	48.376	ug/l	96
90) Hexachloroethane	13.959	117	132900	50.858	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	301884	51.727	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	32648	52.211	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	189928	51.266	ug/l	99
94) Hexachlorobutadiene	15.111	225	99139	48.696	ug/l	98
95) Naphthalene	15.233	128	458159	53.082	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	169539	51.492	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071823\
Data File : VY014688.D
Acq On : 18 Jul 2023 09:09
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

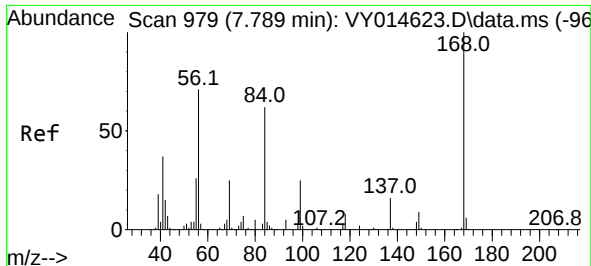
Manual Integrations
APPROVED

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

Quant Time: Jul 19 03:58:47 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

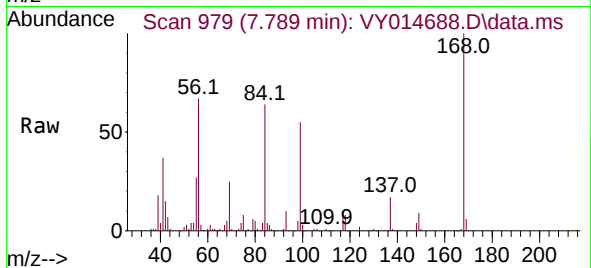
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

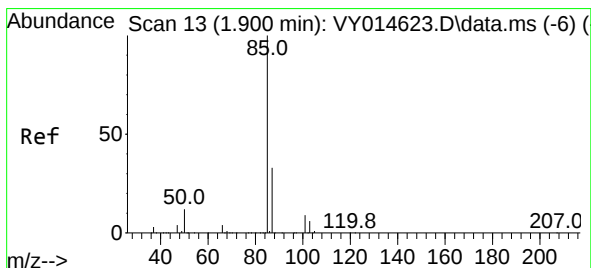
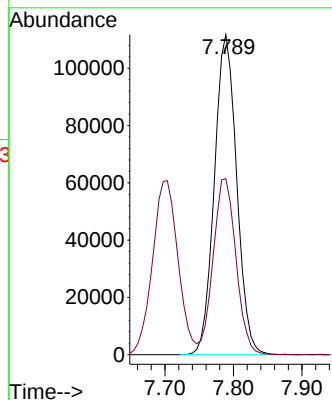
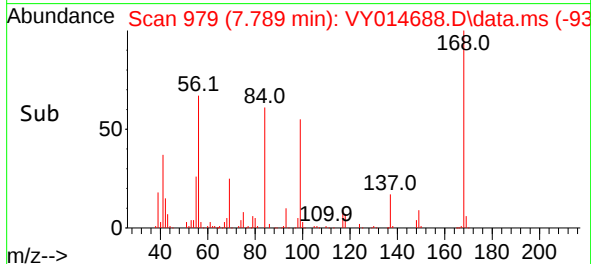
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



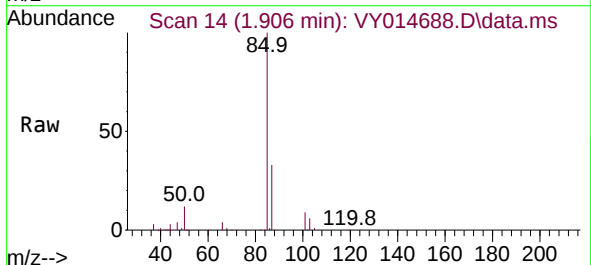
Tgt Ion:168 Resp: 252000
Ion Ratio Lower Upper
168 100
99 54.9 43.4 65.0

Manual Integrations
APPROVED

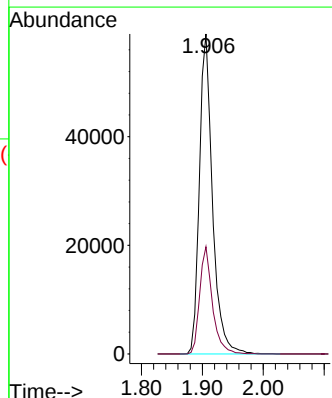
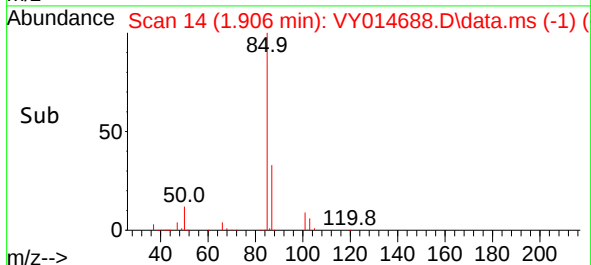
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#2
Dichlorodifluoromethane
Concen: 42.749 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09



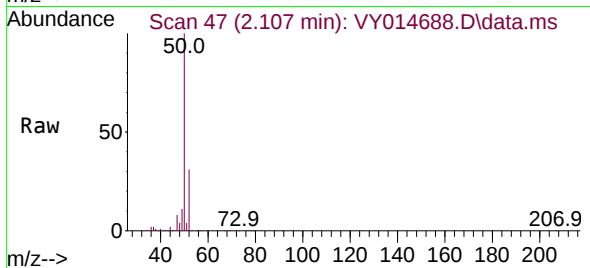
Tgt Ion: 85 Resp: 87769
Ion Ratio Lower Upper
85 100
87 33.5 15.6 46.8





#3
Chloromethane
Concen: 57.534 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

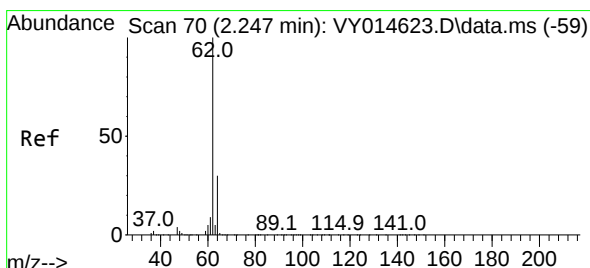
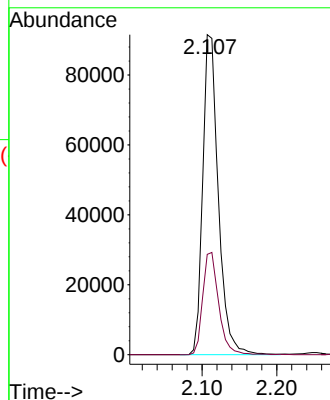
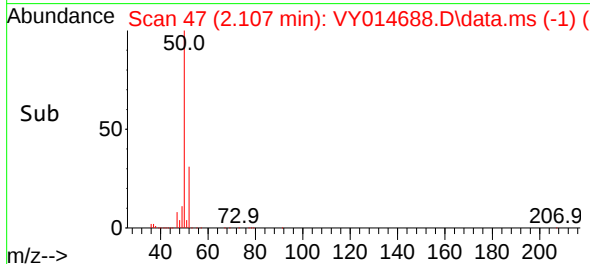
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



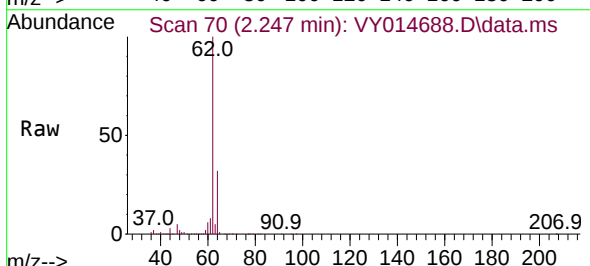
Tgt Ion: 50 Resp: 13278
Ion Ratio Lower Upper
50 100
52 31.4 25.4 38.2

Manual Integrations
APPROVED

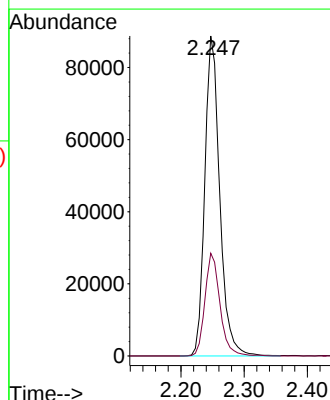
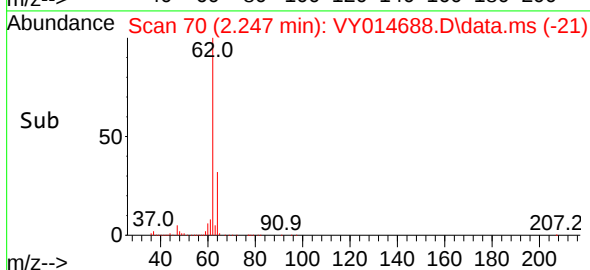
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

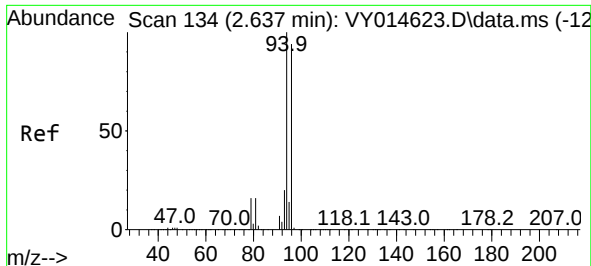


#4
Vinyl Chloride
Concen: 56.575 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09



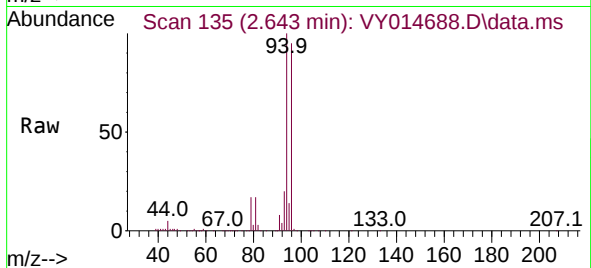
Tgt Ion: 62 Resp: 145925
Ion Ratio Lower Upper
62 100
64 32.1 24.3 36.5





#5
Bromomethane
Concen: 61.142 ug/l
RT: 2.643 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

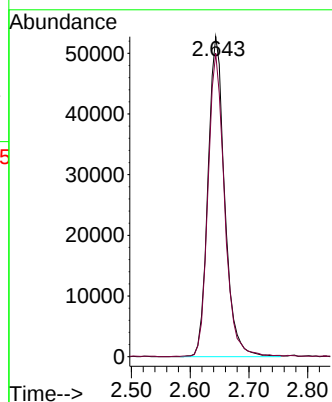
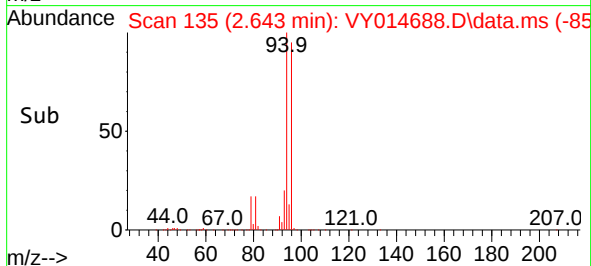
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



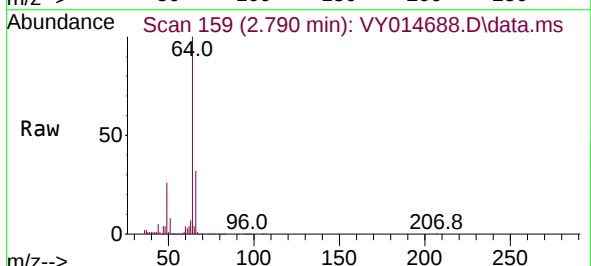
Tgt Ion: 94 Resp: 10422
Ion Ratio Lower Upper
94 100
96 94.7 75.8 113.6

Manual Integrations
APPROVED

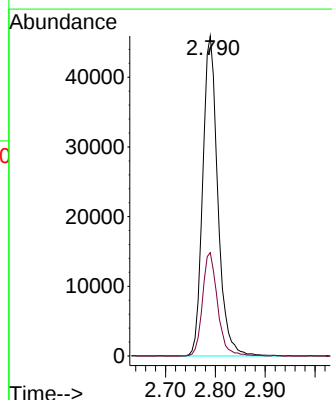
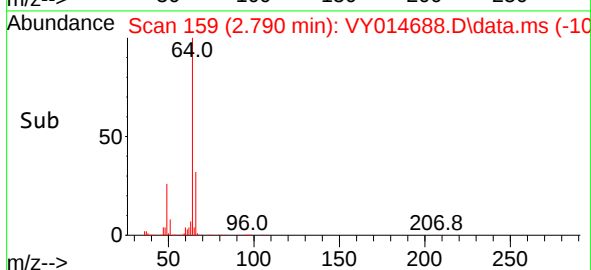
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#6
Chloroethane
Concen: 59.783 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09



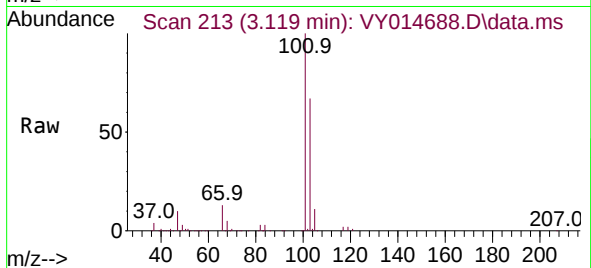
Tgt Ion: 64 Resp: 96320
Ion Ratio Lower Upper
64 100
66 32.3 24.4 36.6





#7
Trichlorofluoromethane
Concen: 49.115 ug/l
RT: 3.119 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

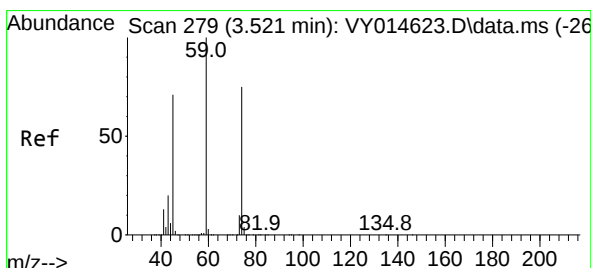
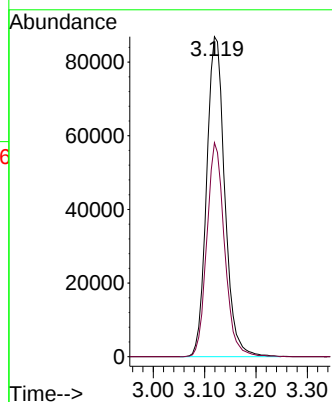
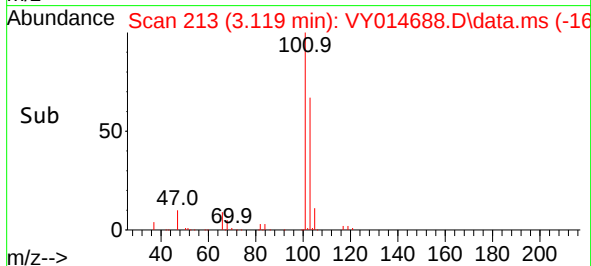
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 21276
Ion Ratio Lower Upper
101 100
103 66.8 51.4 77.0

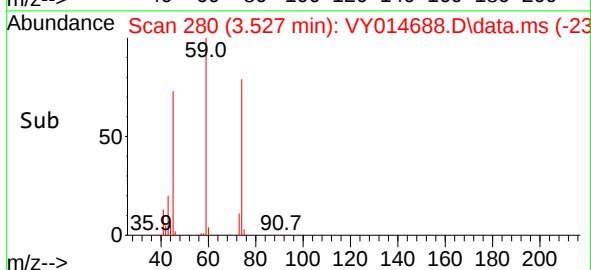
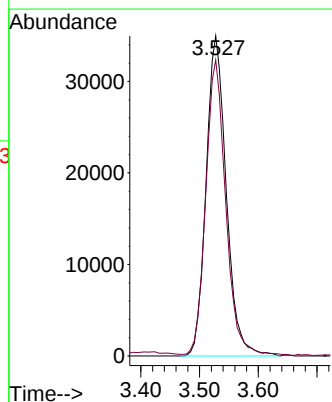
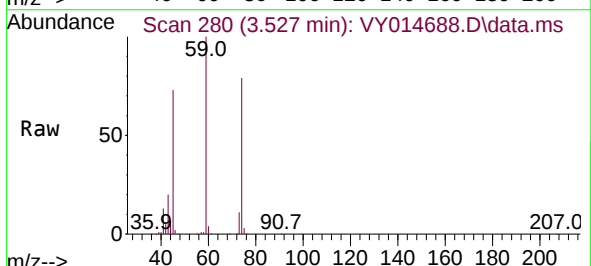
Manual Integrations
APPROVED

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



#8
Diethyl Ether
Concen: 51.786 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

Tgt Ion: 74 Resp: 83469
Ion Ratio Lower Upper
74 100
45 91.4 51.5 154.5





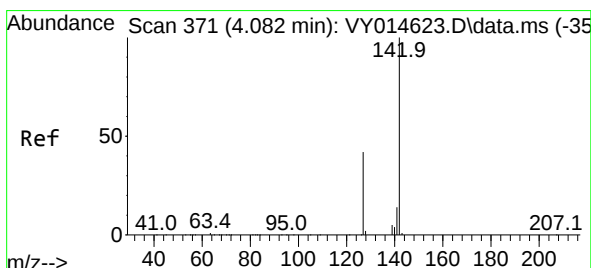
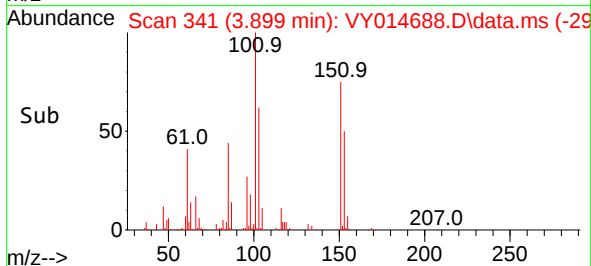
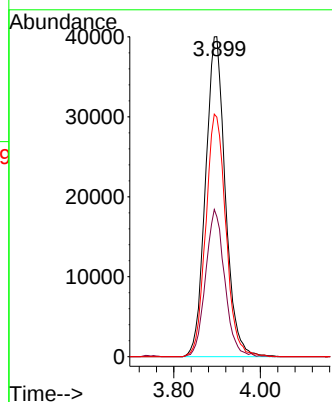
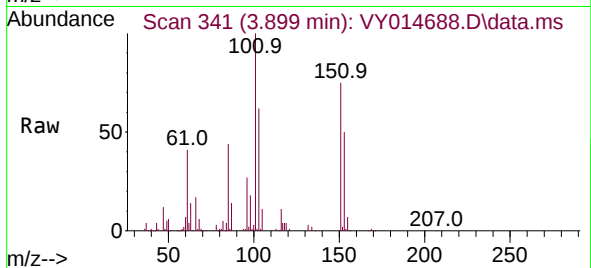
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.817 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 126964
Ion Ratio Lower Upper
101 100
85 44.6 36.6 55.0
151 77.0 67.0 100.6

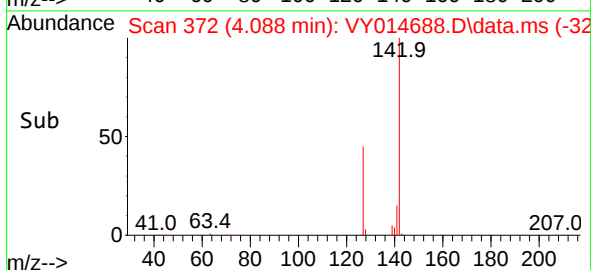
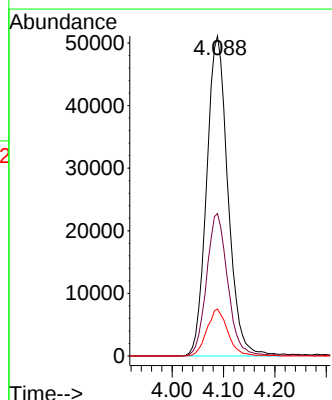
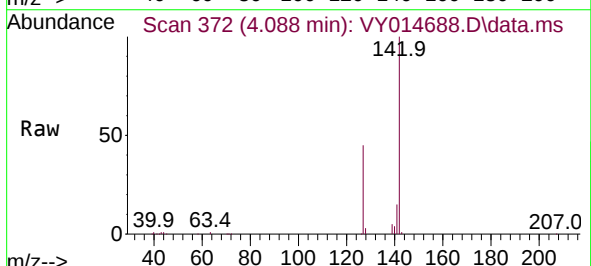
Manual Integrations
APPROVED

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



#10
Methyl Iodide
Concen: 52.100 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

Tgt Ion:142 Resp: 146941
Ion Ratio Lower Upper
142 100
127 44.4 37.6 56.4
141 14.4 11.8 17.8





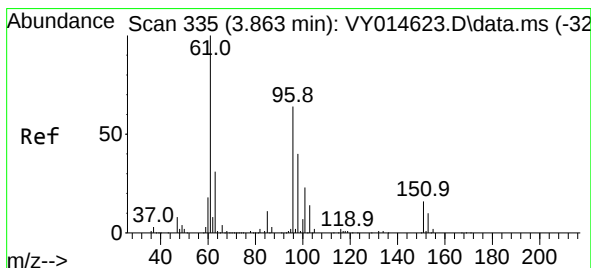
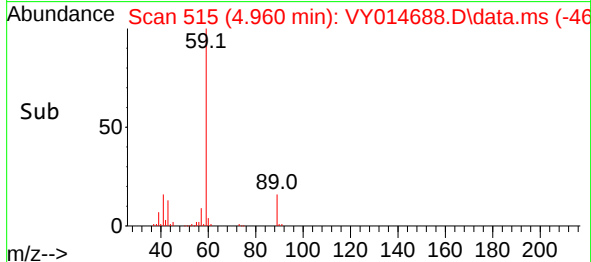
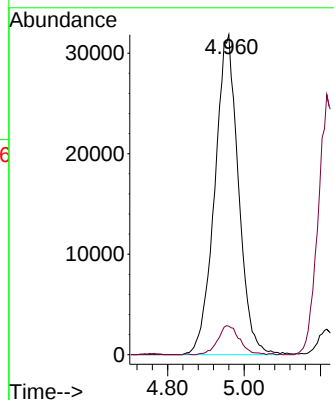
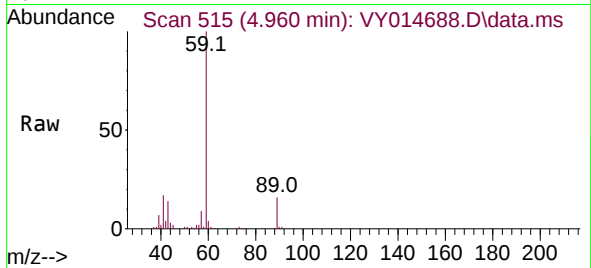
#11
Tert butyl alcohol
Concen: 229.380 ug/l
RT: 4.960 min Scan# 513
Delta R.T. 0.012 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 137392
Ion Ratio Lower Upper
59 100
57 8.3 3.0 4.4

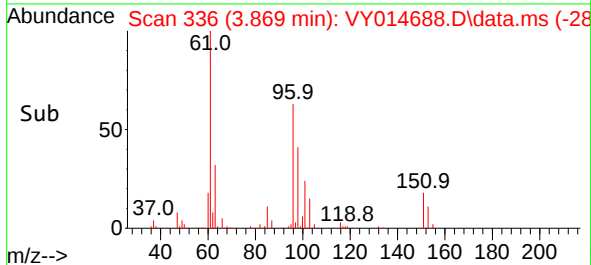
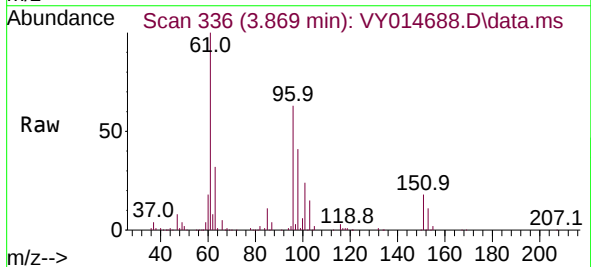
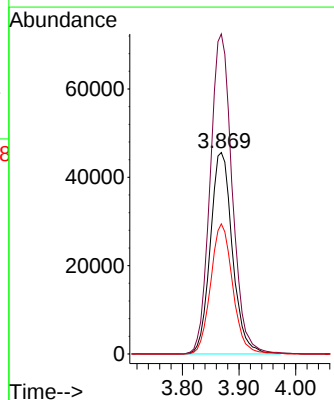
Manual Integrations
APPROVED

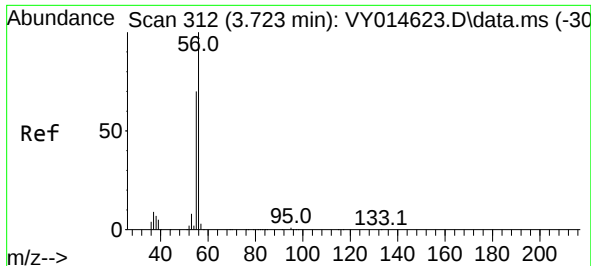
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#12
1,1-Dichloroethene
Concen: 49.763 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

Tgt Ion: 96 Resp: 123493
Ion Ratio Lower Upper
96 100
61 158.8 136.4 204.6
98 64.5 49.4 74.2





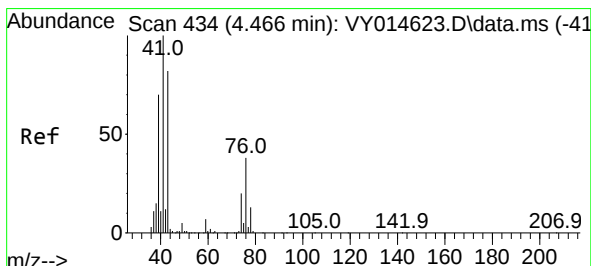
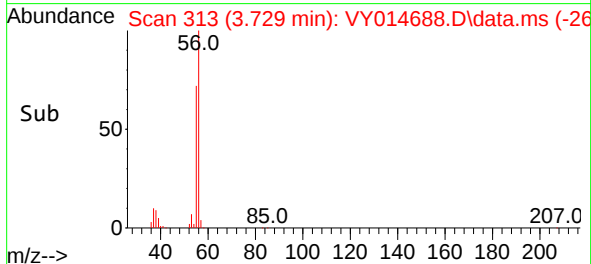
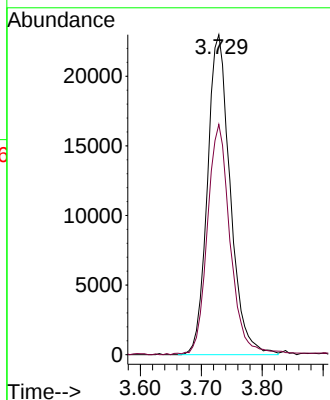
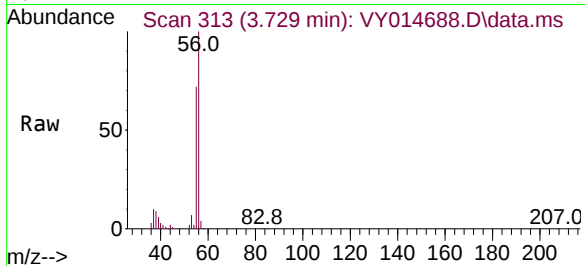
#13
Acrolein
Concen: 199.104 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 5976
Ion Ratio Lower Upper
56 100
55 72.7 57.0 85.4

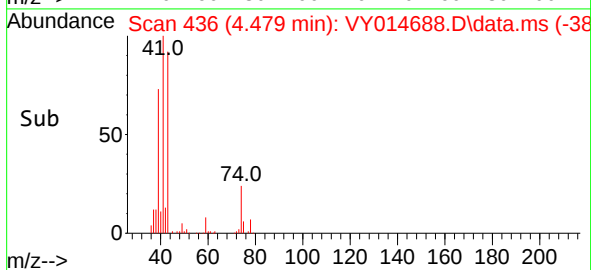
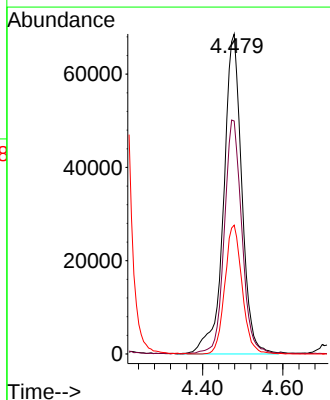
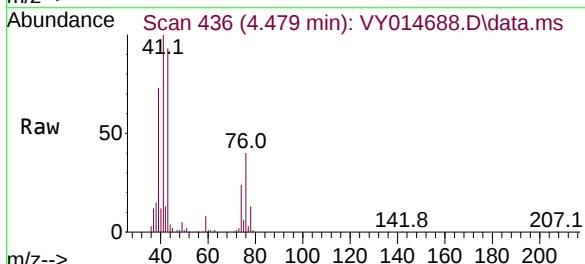
Manual Integrations
APPROVED

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



#14
Allyl chloride
Concen: 49.036 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.013 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

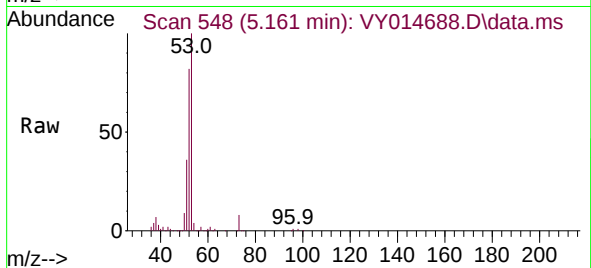
Tgt Ion: 41 Resp: 216064
Ion Ratio Lower Upper
41 100
39 70.6 58.0 87.0
76 38.1 27.4 41.2





#15
Acrylonitrile
Concen: 275.876 ug/l
RT: 5.161 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

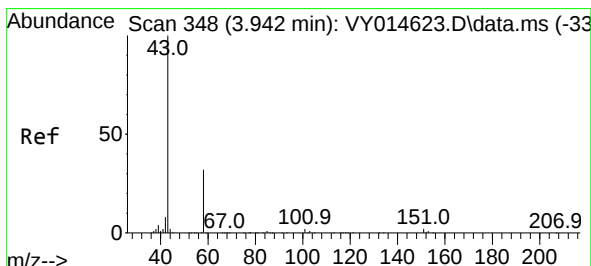
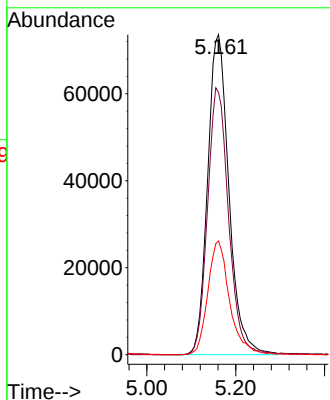
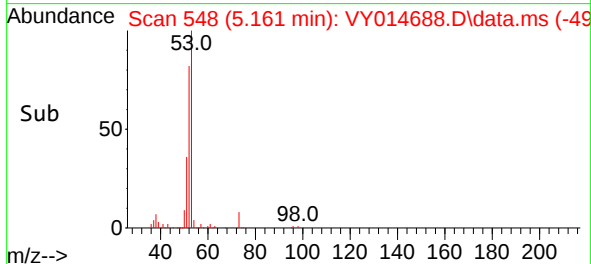
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



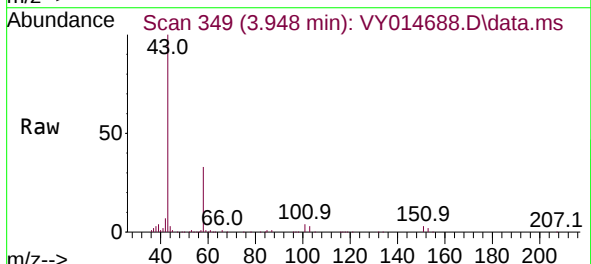
Tgt Ion: 53 Resp: 24520
Ion Ratio Lower Upper
53 100
52 82.5 66.9 100.3
51 36.4 29.8 44.6

Manual Integrations
APPROVED

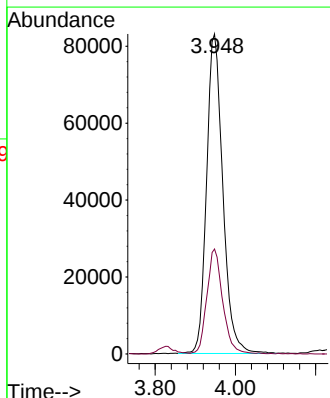
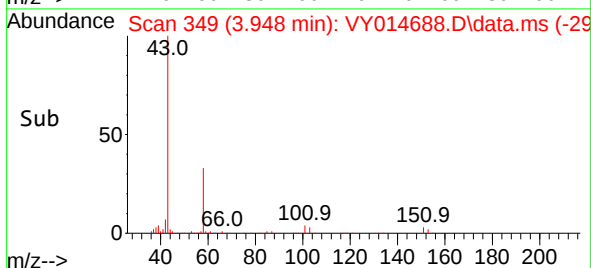
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#16
Acetone
Concen: 256.293 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09



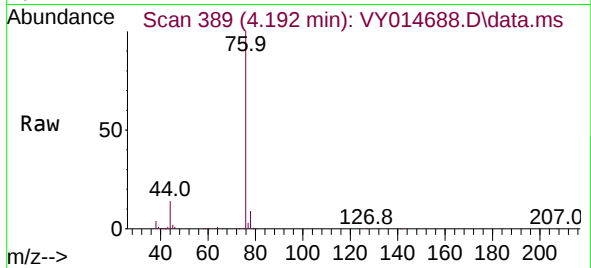
Tgt Ion: 43 Resp: 233229
Ion Ratio Lower Upper
43 100
58 32.7 22.7 34.1





#17
Carbon Disulfide
Concen: 47.862 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

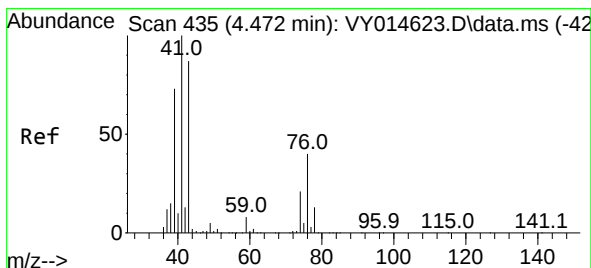
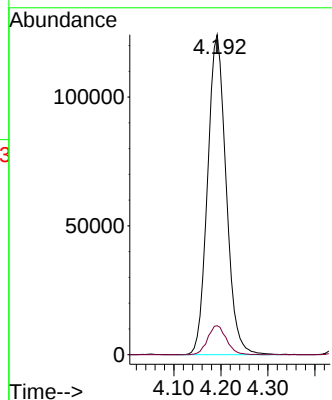
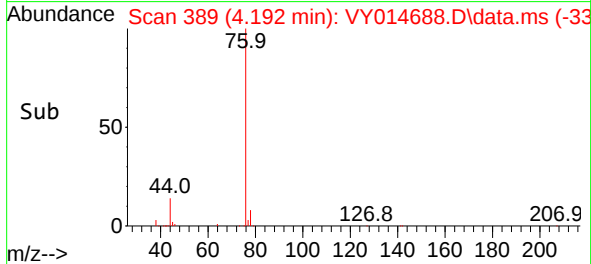
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 34005
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4

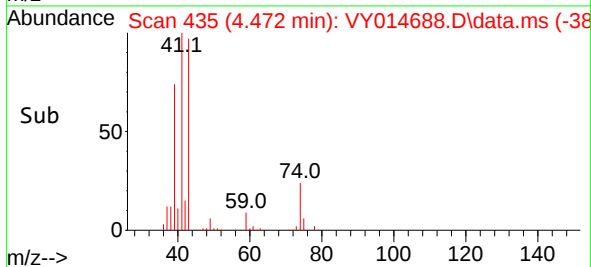
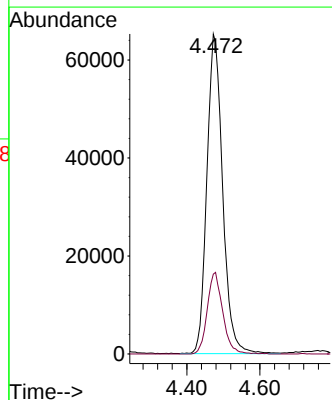
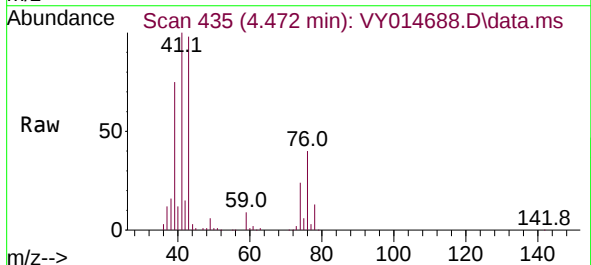
Manual Integrations
APPROVED

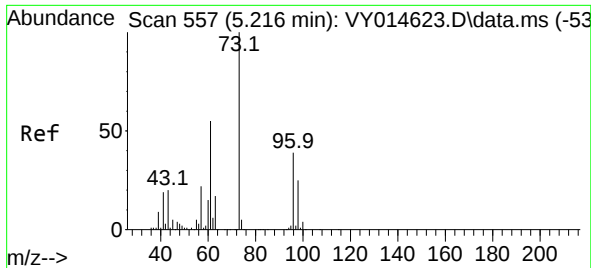
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#18
Methyl Acetate
Concen: 55.758 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

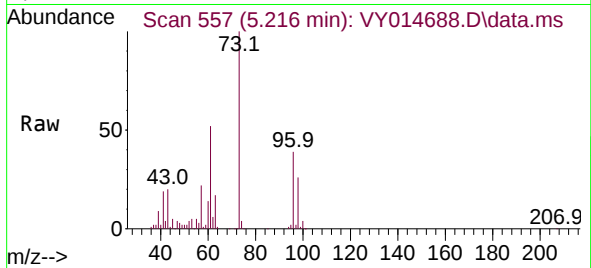
Tgt Ion: 43 Resp: 194719
Ion Ratio Lower Upper
43 100
74 25.0 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 53.445 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

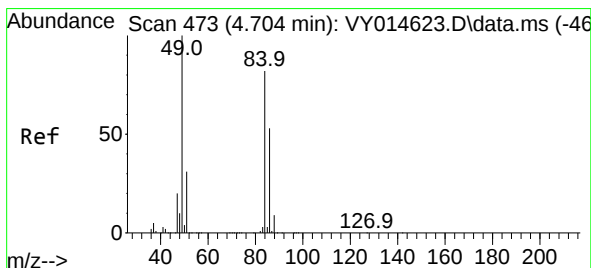
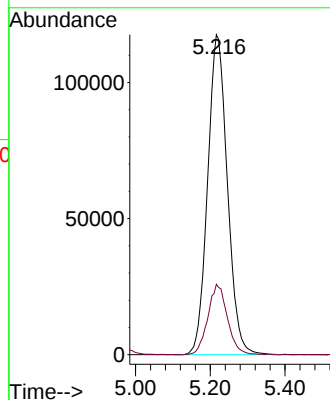
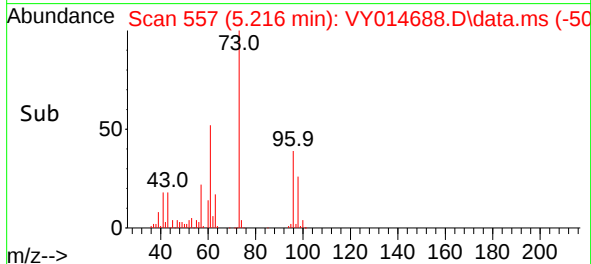
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 43083
Ion Ratio Lower Upper
73 100
57 22.0 17.3 25.9

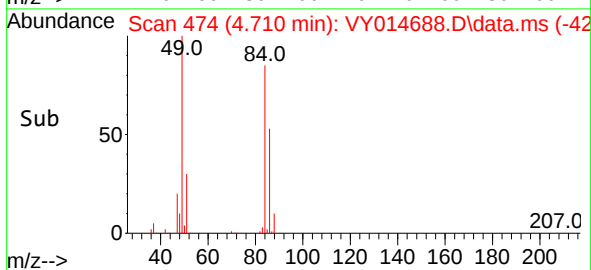
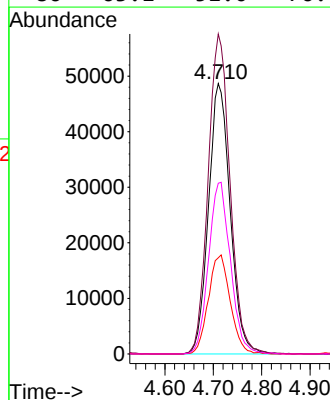
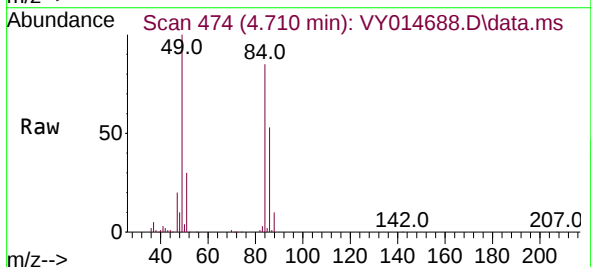
Manual Integrations
APPROVED

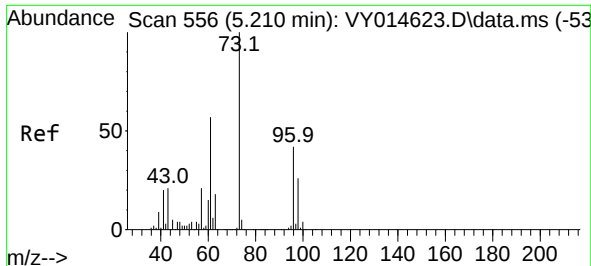
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#20
Methylene Chloride
Concen: 51.410 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

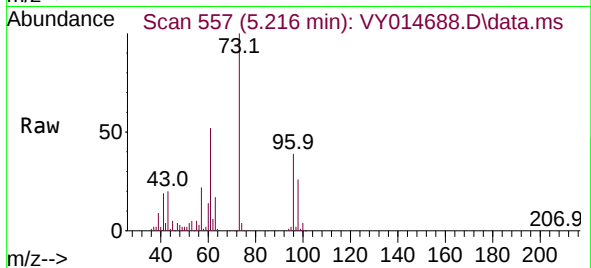
Tgt Ion: 84 Resp: 151629
Ion Ratio Lower Upper
84 100
49 118.3 106.9 160.3
51 35.5 33.2 49.8
86 63.1 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 51.285 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

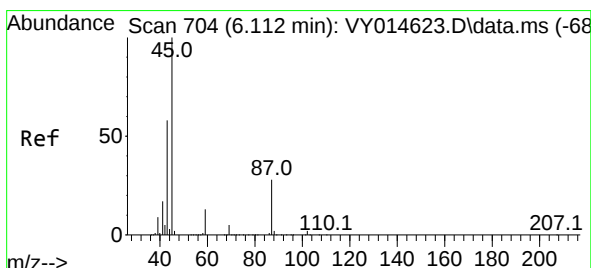
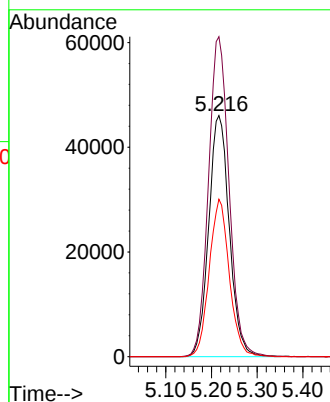
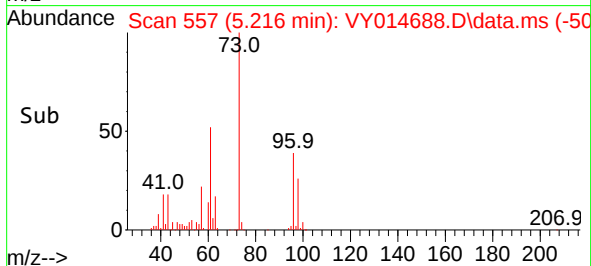
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



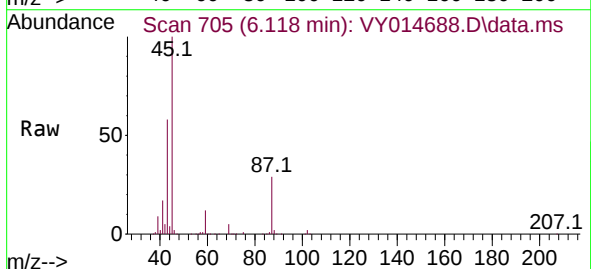
Tgt Ion: 96 Resp: 14443
Ion Ratio Lower Upper
96 100
61 132.7 110.2 165.4
98 65.3 51.8 77.6

Manual Integrations
APPROVED

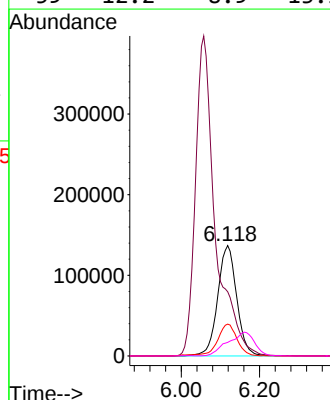
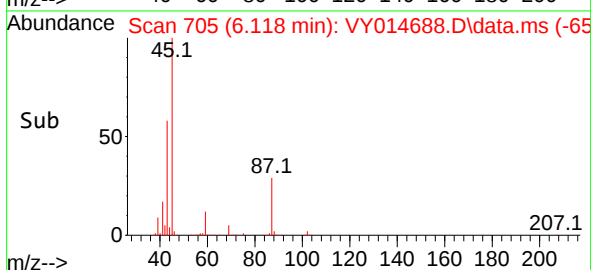
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

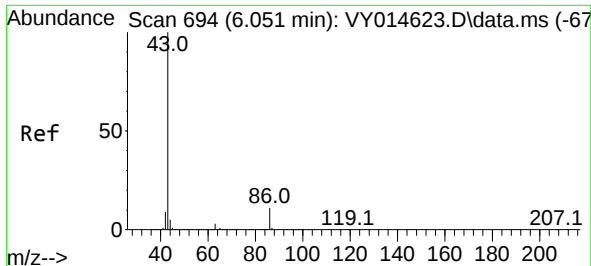


#22
Diisopropyl ether
Concen: 51.597 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09



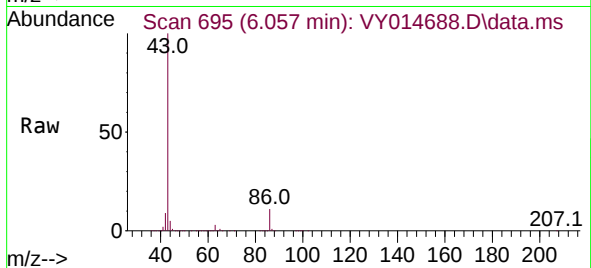
Tgt Ion: 45 Resp: 462220
Ion Ratio Lower Upper
45 100
43 57.6 52.2 78.4
87 28.9 21.0 31.6
59 12.2 8.9 13.3





#23
 Vinyl Acetate
 Concen: 260.342 ug/l
 RT: 6.057 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY014688.D
 Acq: 18 Jul 2023 09:09

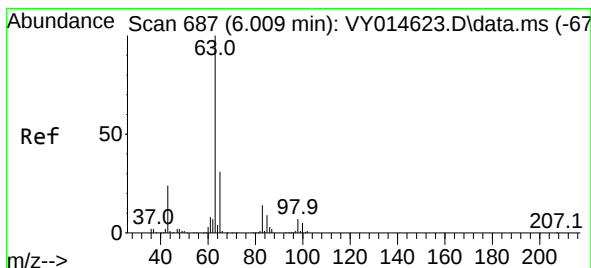
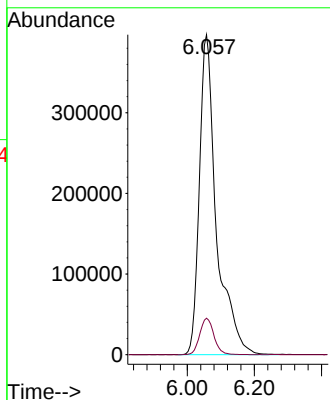
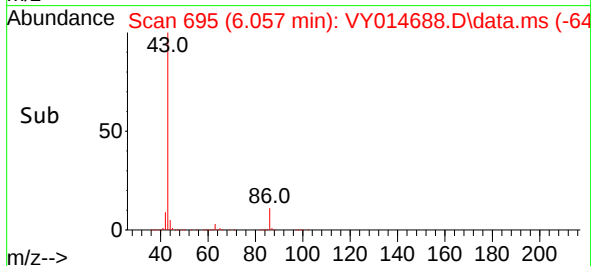
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



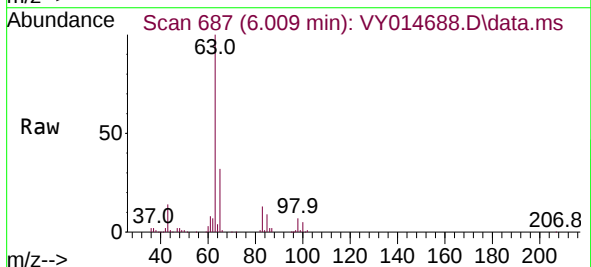
Tgt Ion: 43 Resp: 139566
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.5 11.3

Manual Integrations
 APPROVED

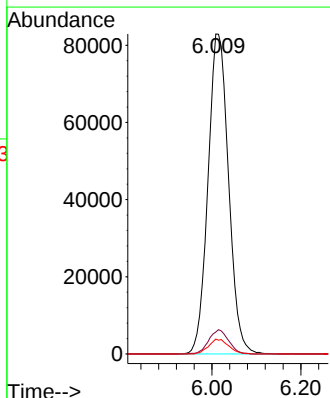
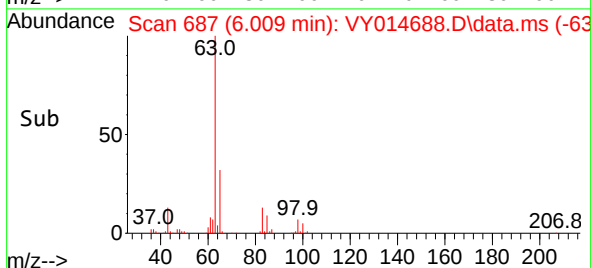
Reviewed By :John Carlone 07/19/2023
 Supervised By :Mahesh Dadoda 07/19/2023



#24
 1,1-Dichloroethane
 Concen: 51.956 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY014688.D
 Acq: 18 Jul 2023 09:09



Tgt Ion: 63 Resp: 266315
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.1 9.4
 100 4.7 1.8 5.5





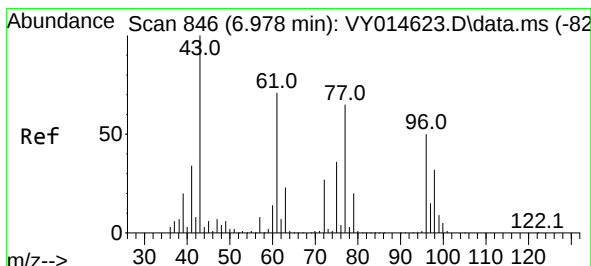
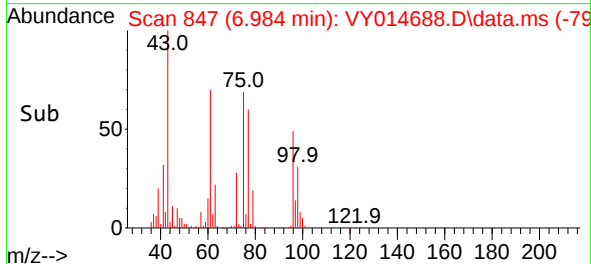
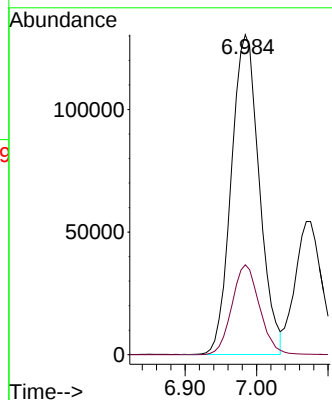
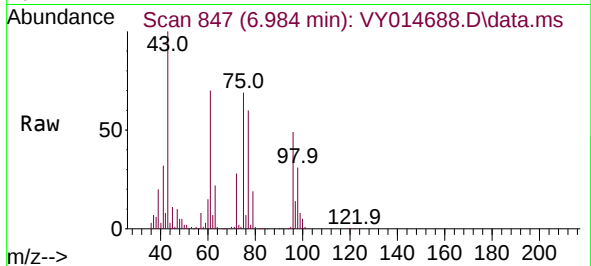
#25
2-Butanone
Concen: 266.547 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 35486
Ion Ratio Lower Upper
43 100
72 28.1 20.5 30.7

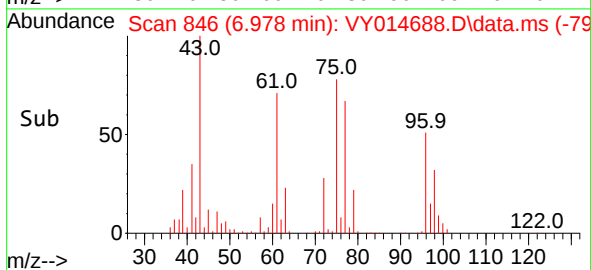
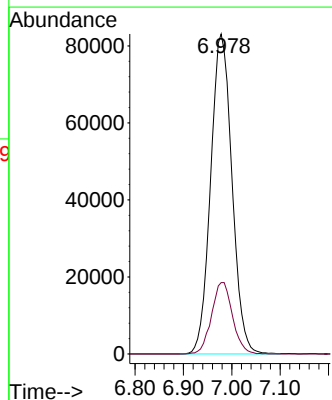
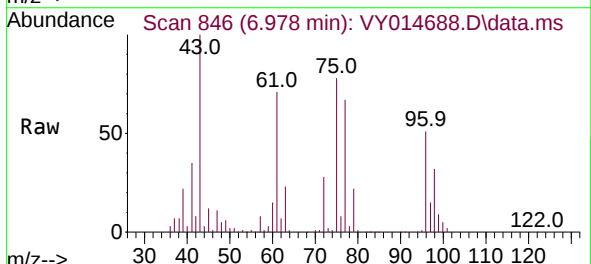
Manual Integrations
APPROVED

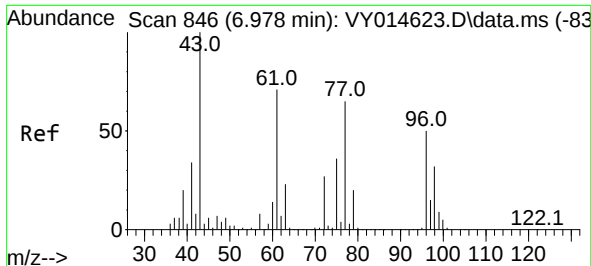
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#26
2,2-Dichloropropane
Concen: 52.092 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

Tgt Ion: 77 Resp: 254479
Ion Ratio Lower Upper
77 100
97 22.0 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 52.994 ug/l

RT: 6.984 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 173720

Ion Ratio Lower Upper

96 100

61 144.2 0.0 301.4

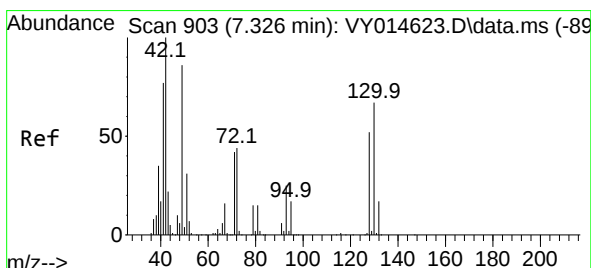
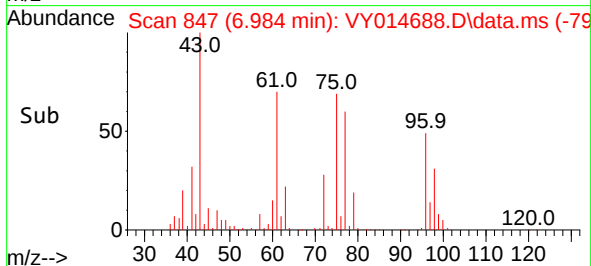
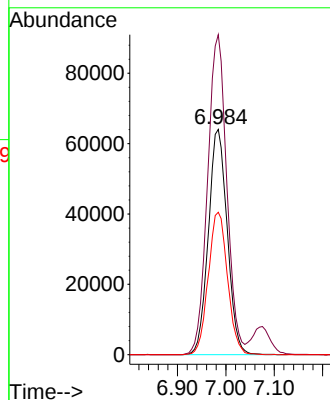
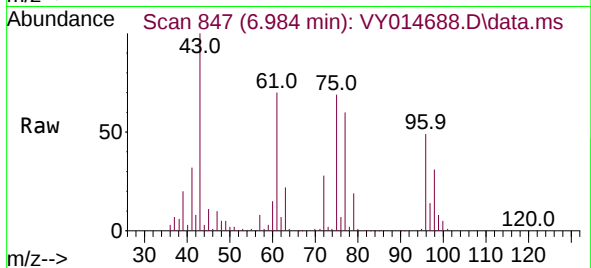
98 64.5 0.0 130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#28

Bromochloromethane

Concen: 52.340 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.006 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

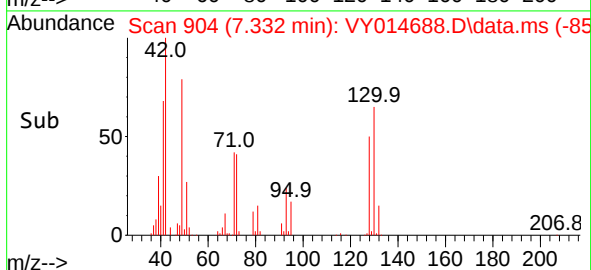
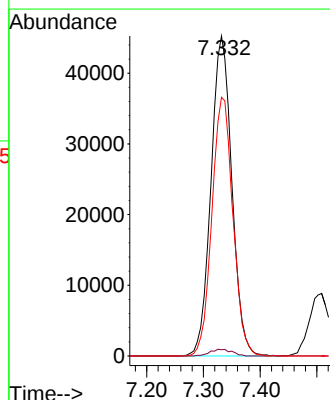
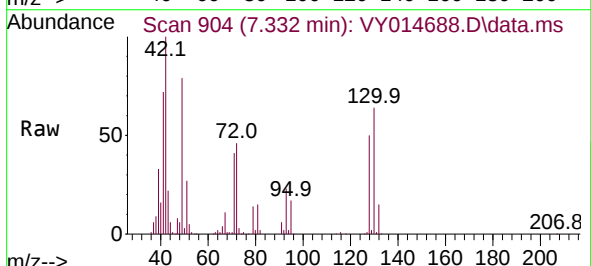
Tgt Ion: 49 Resp: 115544

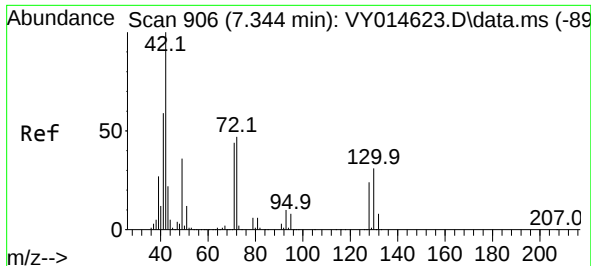
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

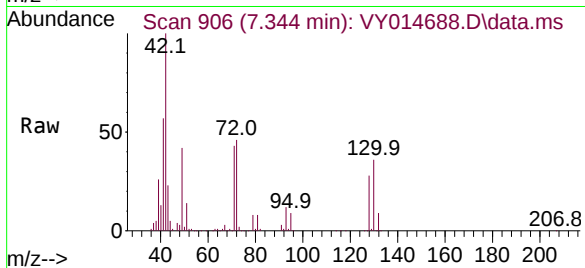
130 81.4 60.7 91.1





#29
Tetrahydrofuran
Concen: 270.514 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

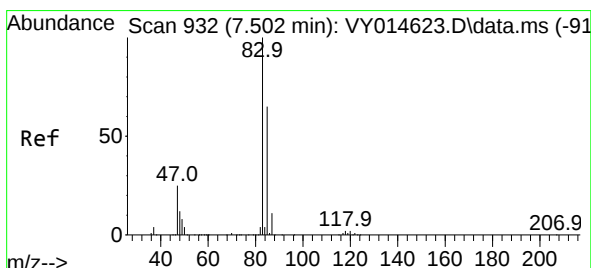
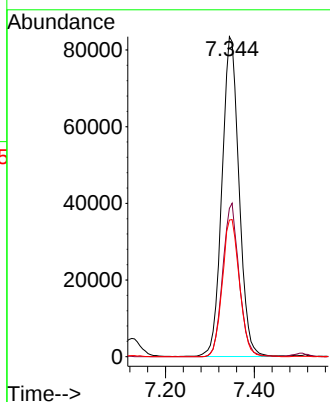
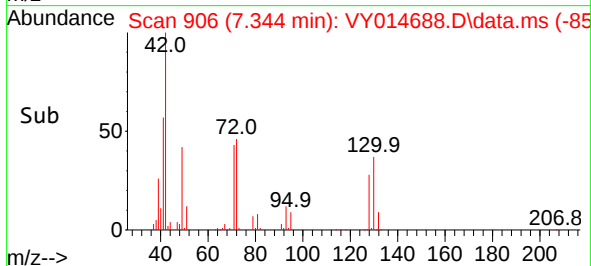
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



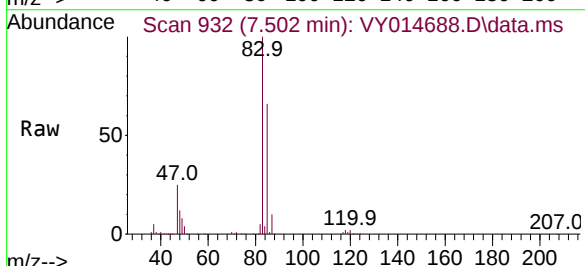
Tgt Ion: 42 Resp: 22176
Ion Ratio Lower Upper
42 100
72 46.0 32.8 49.2
71 43.2 31.0 46.4

Manual Integrations
APPROVED

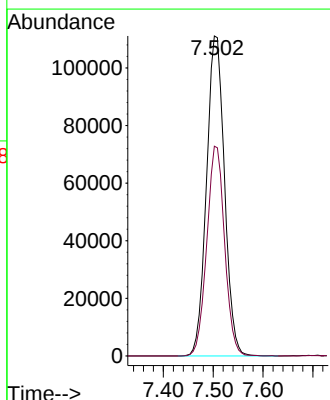
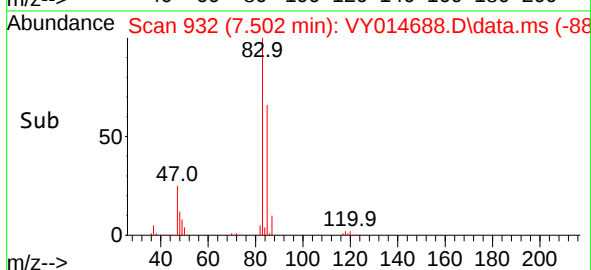
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

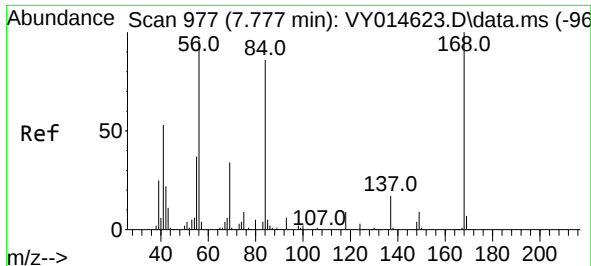


#30
Chloroform
Concen: 52.695 ug/l
RT: 7.502 min Scan# 932
Delta R.T. 0.000 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09



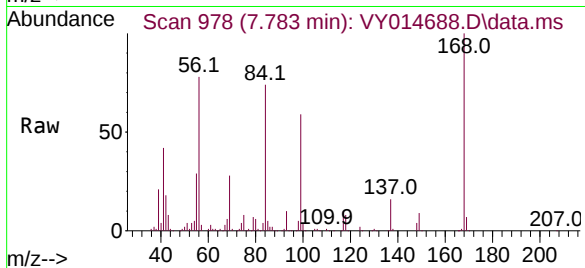
Tgt Ion: 83 Resp: 278533
Ion Ratio Lower Upper
83 100
85 65.6 49.7 74.5





#31
Cyclohexane
Concen: 43.103 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

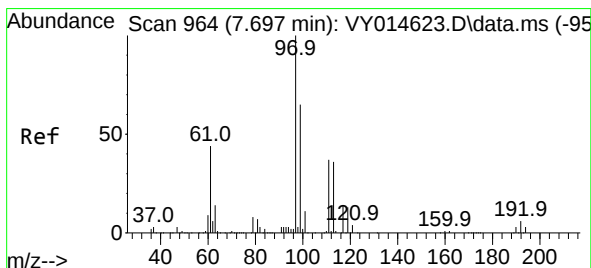
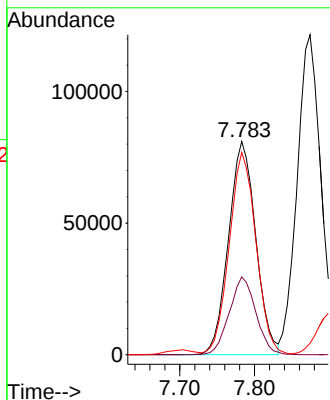
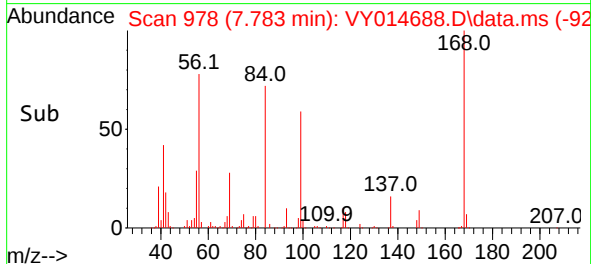
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 205474
Ion Ratio Lower Upper
56 100
69 36.4 27.8 41.6
84 92.8 66.4 99.6

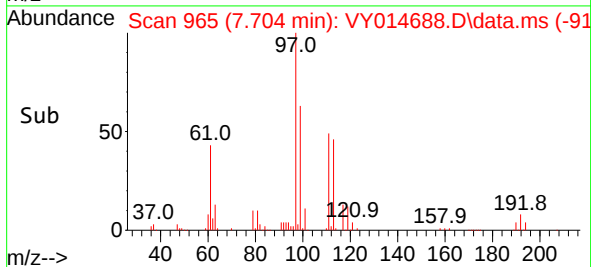
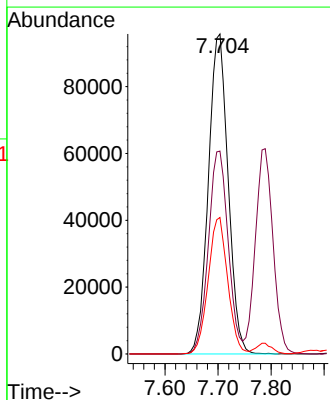
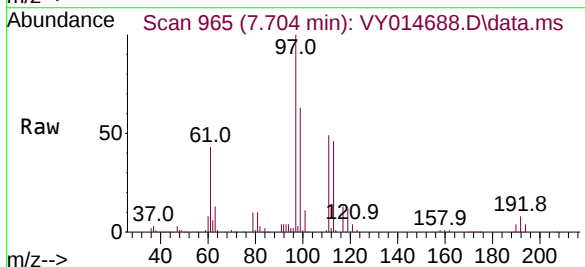
Manual Integrations
APPROVED

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



#32
1,1,1-Trichloroethane
Concen: 51.907 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.007 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

Tgt Ion: 97 Resp: 246934
Ion Ratio Lower Upper
97 100
99 63.9 50.8 76.2
61 42.3 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 53.655 ug/l

RT: 8.142 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 15408

Ion Ratio Lower Upper

65 100

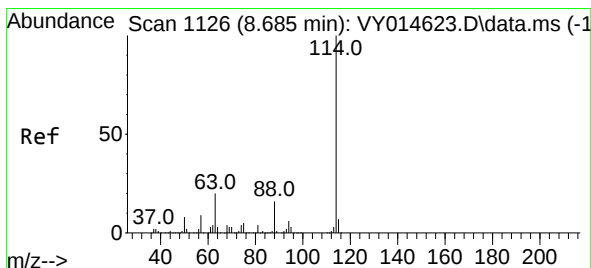
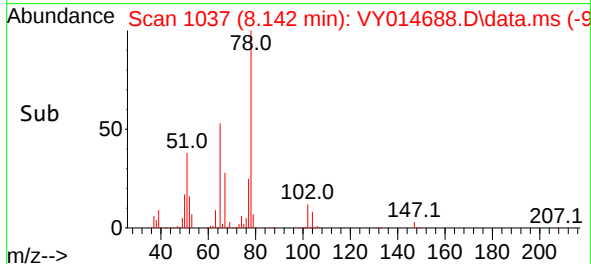
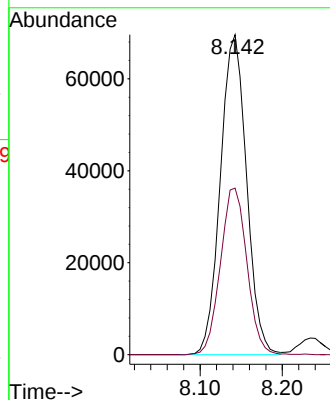
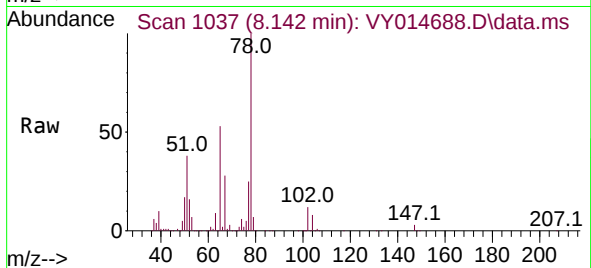
67 52.8 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

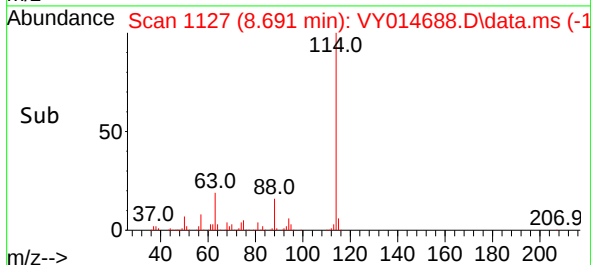
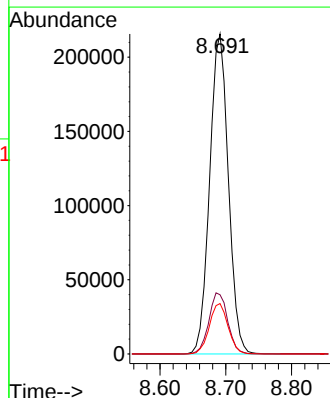
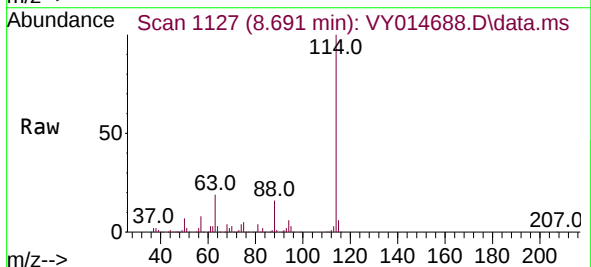
Tgt Ion:114 Resp: 426709

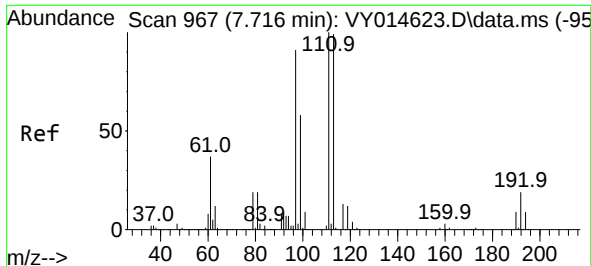
Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

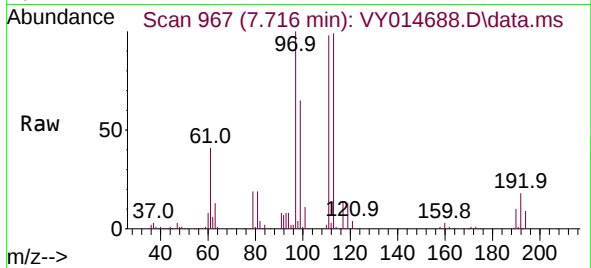
88 15.8 0.0 30.6





#35
Dibromofluoromethane
Concen: 53.414 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

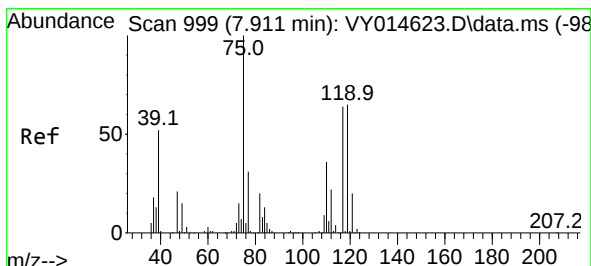
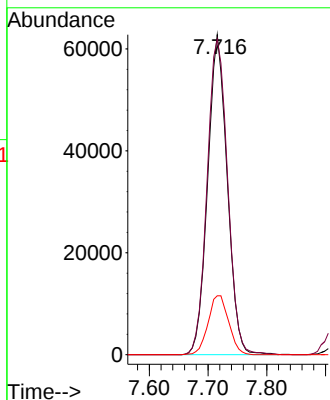
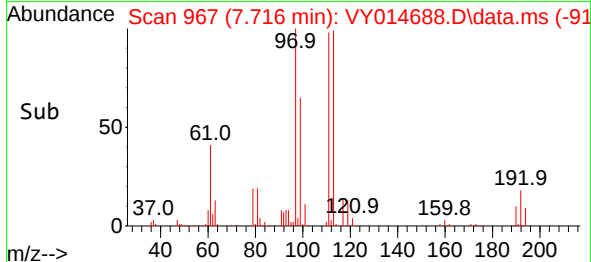
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 14509
Ion Ratio Lower Upper
113 100
111 103.6 81.3 121.9
192 19.4 16.9 25.3

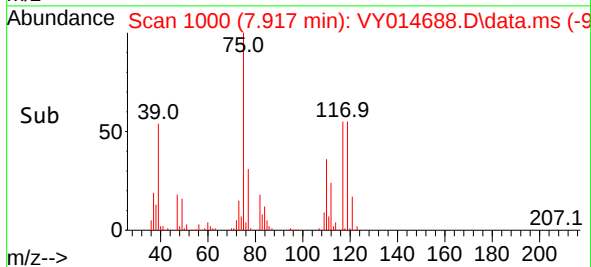
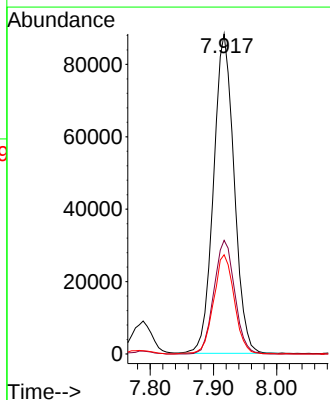
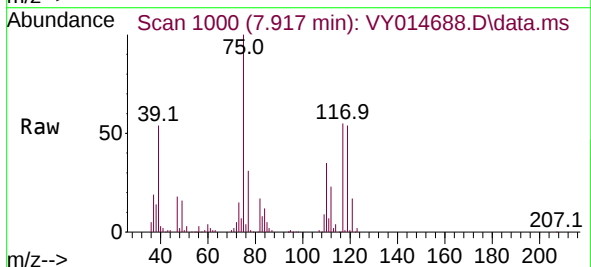
Manual Integrations
APPROVED

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



#36
1,1-Dichloropropene
Concen: 48.894 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

Tgt Ion: 75 Resp: 198617
Ion Ratio Lower Upper
75 100
110 36.0 17.8 53.5
77 31.3 24.4 36.6





#37

Ethyl Acetate

Concen: 52.178 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY014688.D

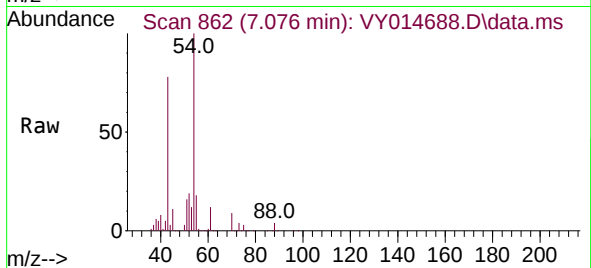
Acq: 18 Jul 2023 09:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion: 43 Resp: 145932

Ion Ratio Lower Upper

43 100

61 14.3 10.1 15.1

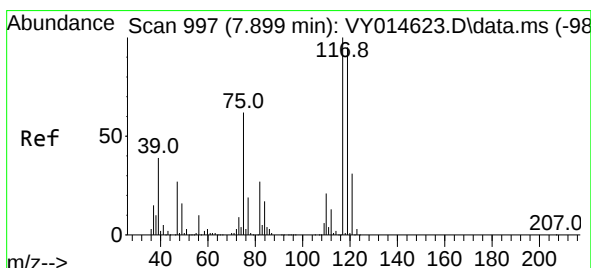
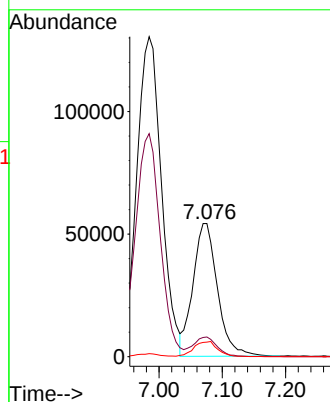
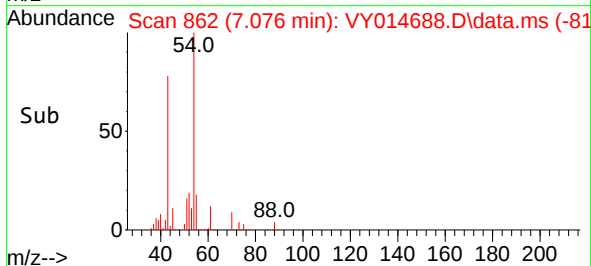
70 11.2 7.1 10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#38

Carbon Tetrachloride

Concen: 50.029 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

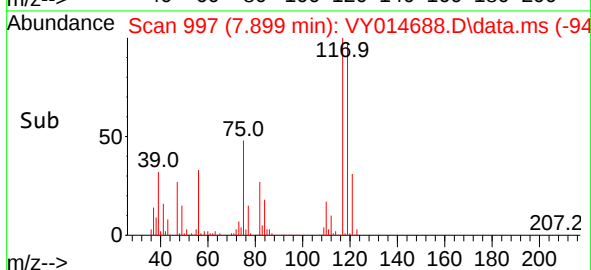
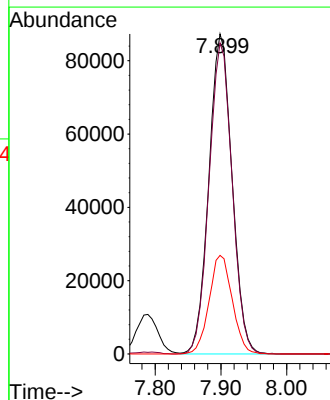
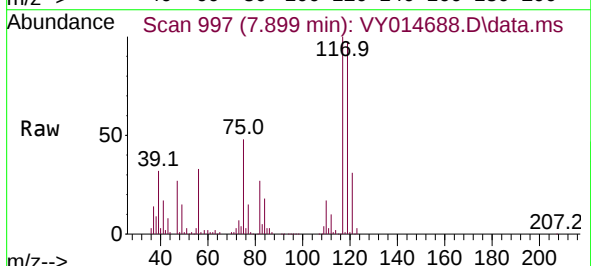
Tgt Ion:117 Resp: 214830

Ion Ratio Lower Upper

117 100

119 97.2 76.4 114.6

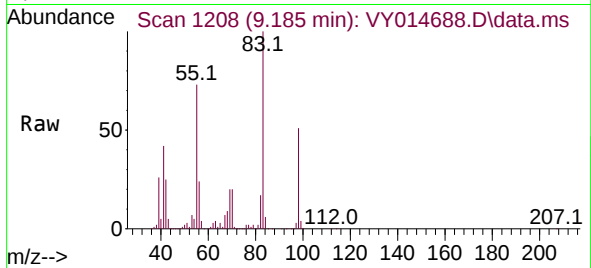
121 30.8 25.8 38.6





#39
Methylcyclohexane
Concen: 44.379 ug/l
RT: 9.185 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

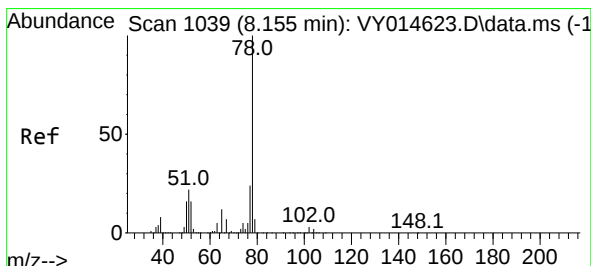
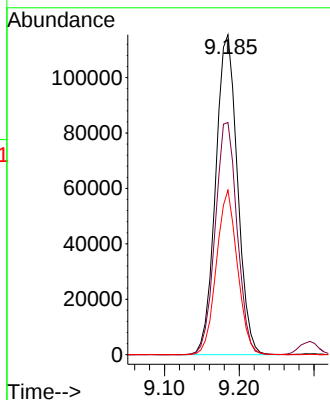
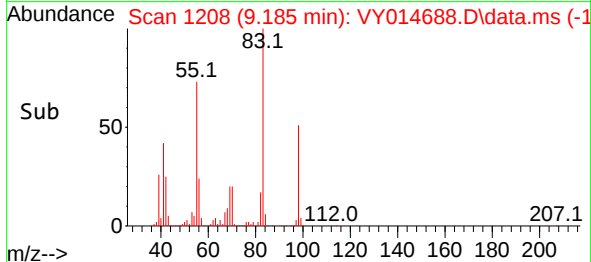
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 23486
Ion Ratio Lower Upper
83 100
55 72.6 63.0 94.4
98 51.4 37.4 56.2

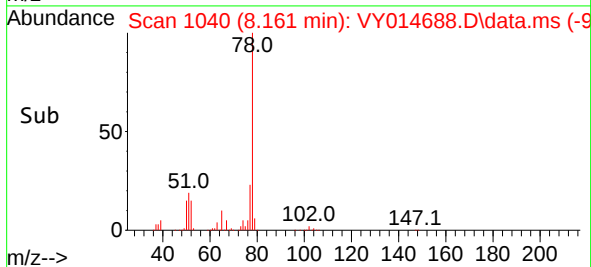
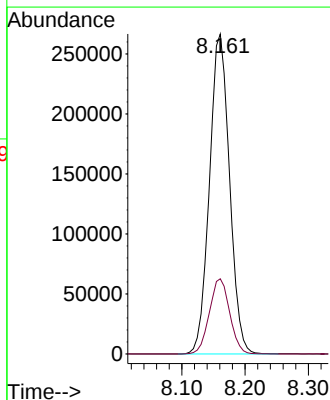
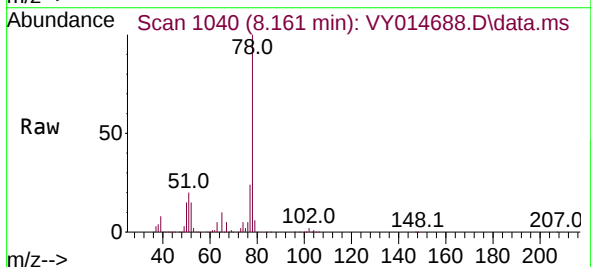
Manual Integrations
APPROVED

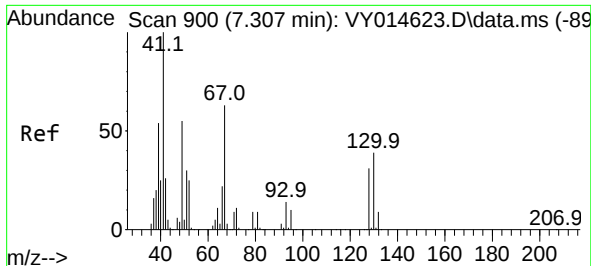
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#40
Benzene
Concen: 50.746 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

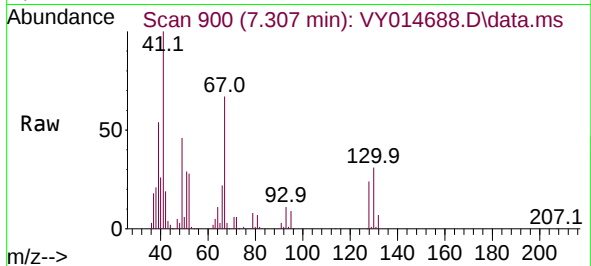
Tgt Ion: 78 Resp: 586267
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6





#41
Methacrylonitrile
Concen: 54.076 ug/l m
RT: 7.307 min Scan# 900
Delta R.T. 0.000 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

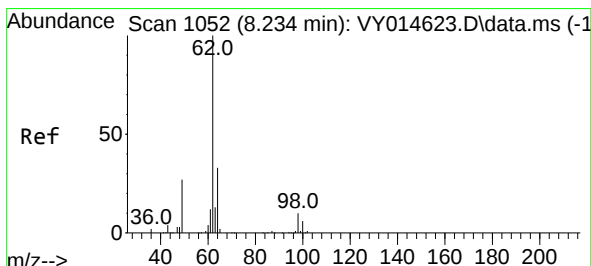
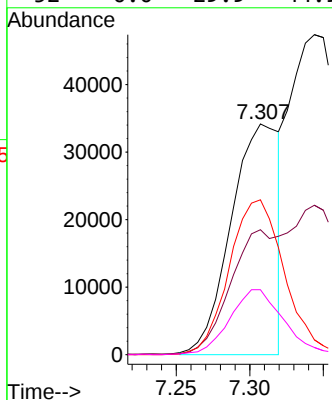
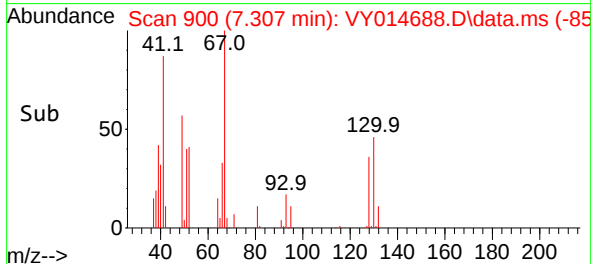
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 7779
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

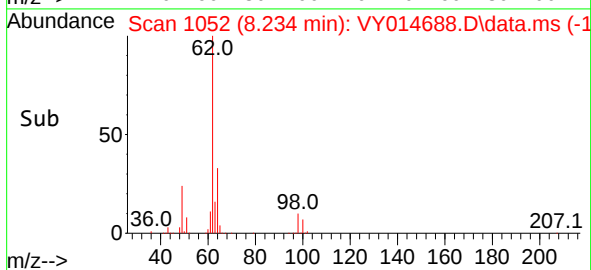
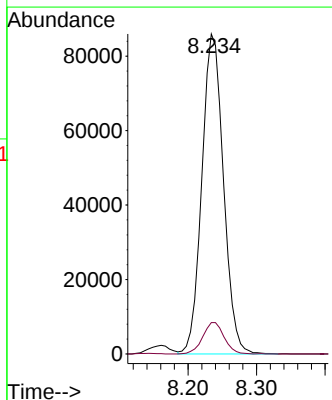
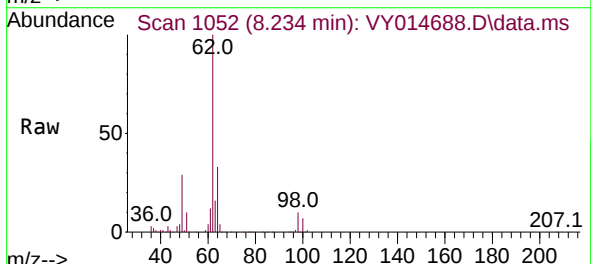
Manual Integrations
APPROVED

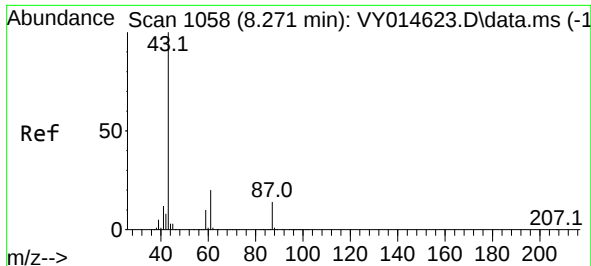
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#42
1,2-Dichloroethane
Concen: 51.599 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

Tgt Ion: 62 Resp: 188777
Ion Ratio Lower Upper
62 100
98 9.8 0.0 15.8





#43

Isopropyl Acetate

Concen: 51.677 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. -0.001 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 275310

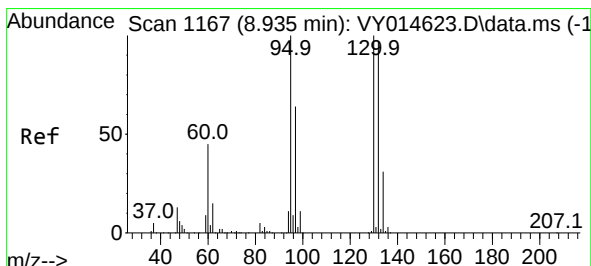
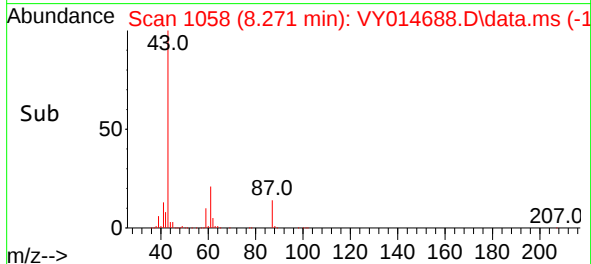
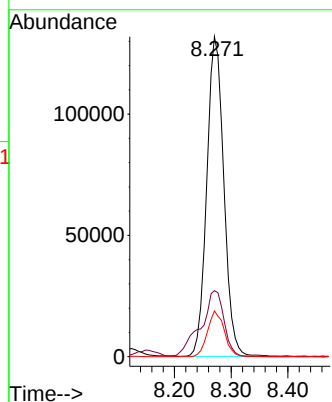
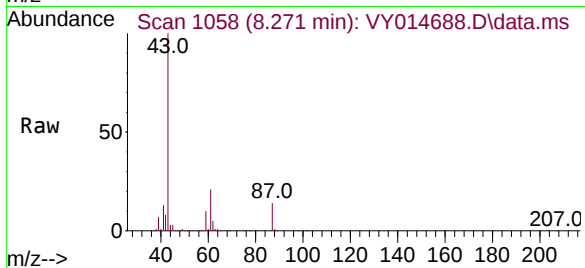
Ion	Ratio	Lower	Upper
43	100		
61	28.3	21.1	31.7
87	14.1	9.8	14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#44

Trichloroethene

Concen: 50.326 ug/l

RT: 8.941 min Scan# 1168

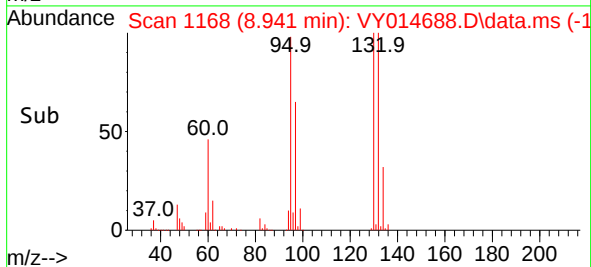
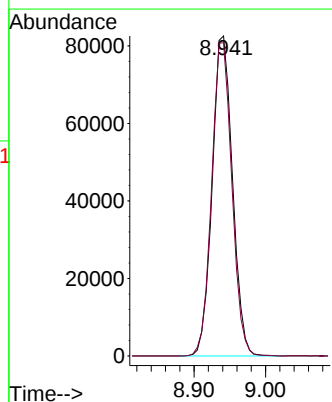
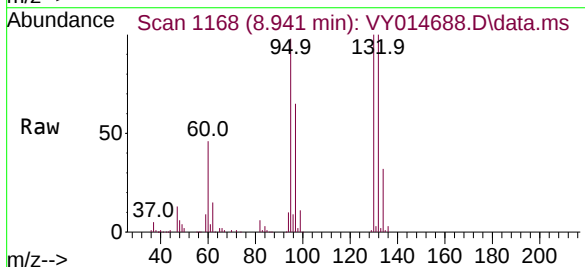
Delta R.T. 0.006 min

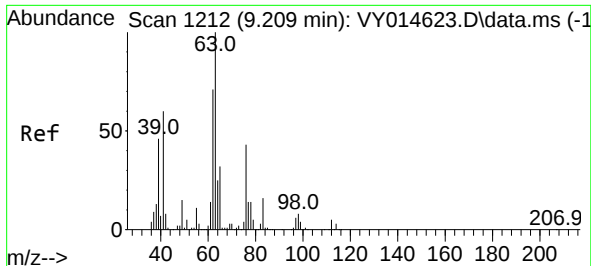
Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

Tgt Ion:130 Resp: 162677

Ion	Ratio	Lower	Upper
130	100		
95	97.9	0.0	196.0





#45

1,2-Dichloropropane

Concen: 49.839 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 15035

Ion Ratio Lower Upper

63 100

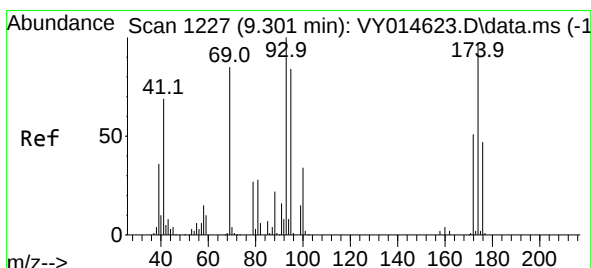
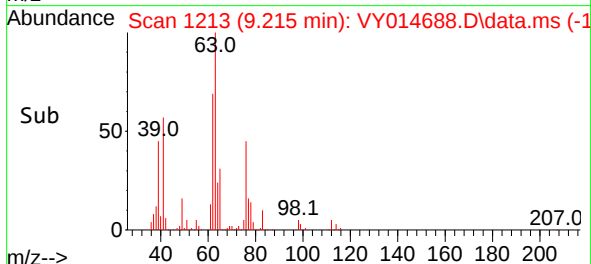
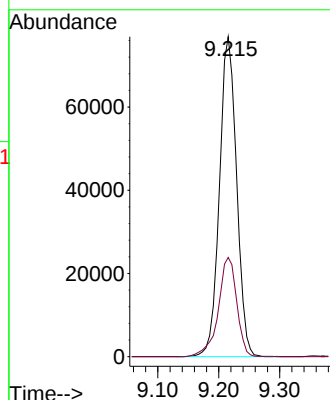
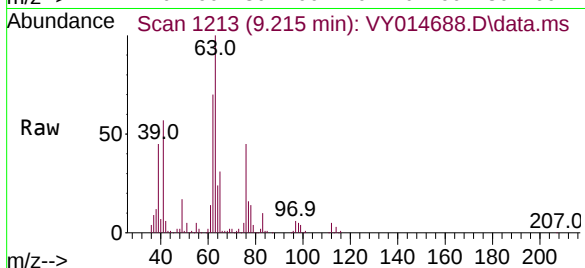
65 31.0 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#46

Dibromomethane

Concen: 52.284 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

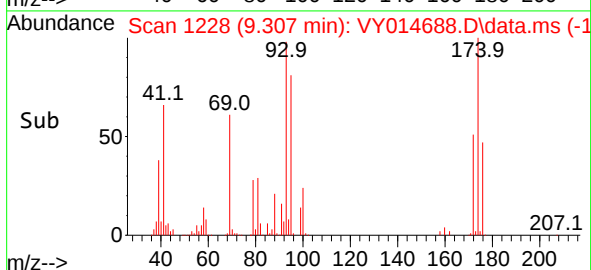
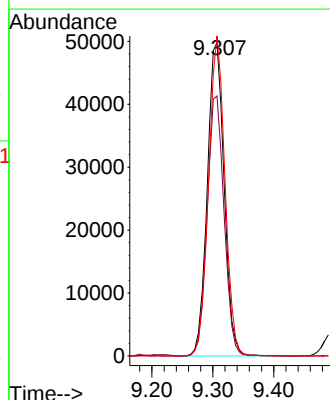
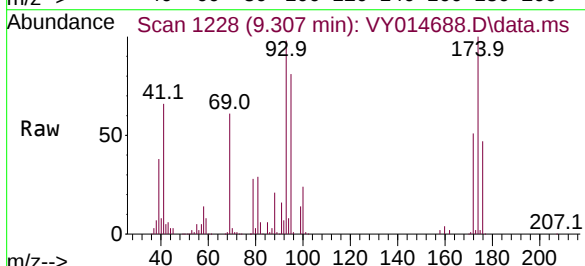
Tgt Ion: 93 Resp: 95687

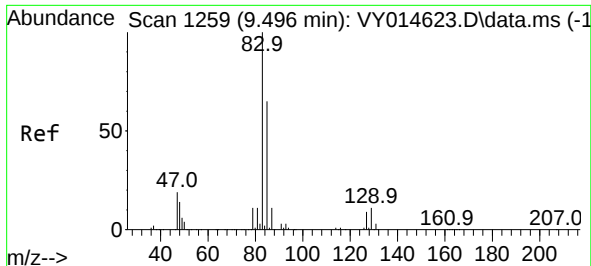
Ion Ratio Lower Upper

93 100

95 83.3 66.6 100.0

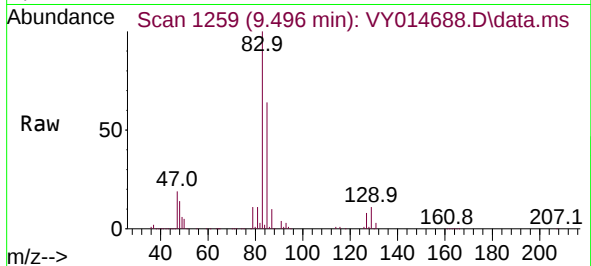
174 99.1 84.8 127.2





#47
Bromodichloromethane
Concen: 51.683 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

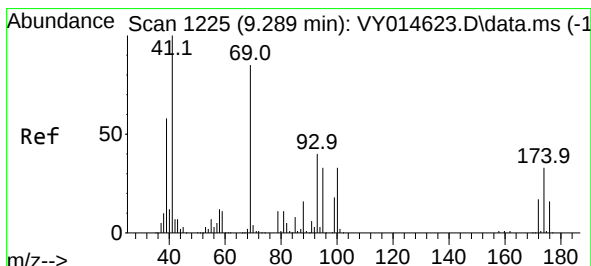
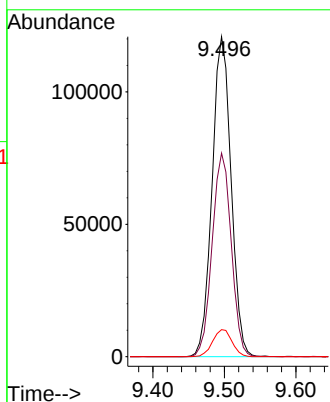
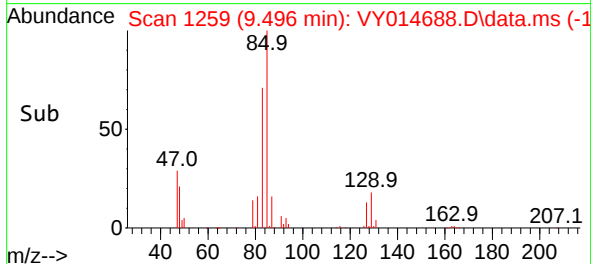
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



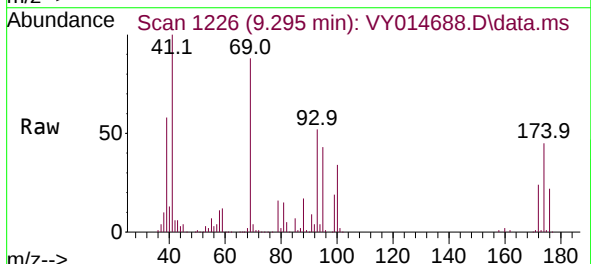
Tgt Ion: 83 Resp: 222928
Ion Ratio Lower Upper
83 100
85 63.6 50.1 75.1
127 8.5 7.1 10.7

Manual Integrations
APPROVED

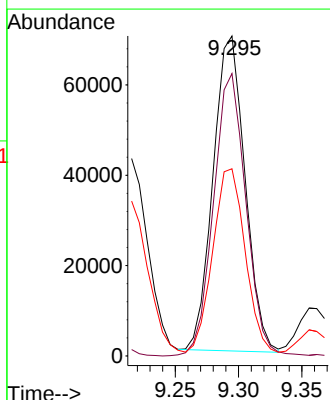
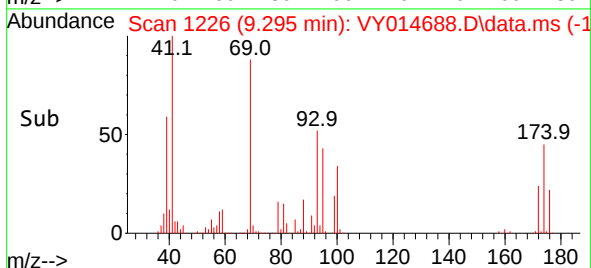
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

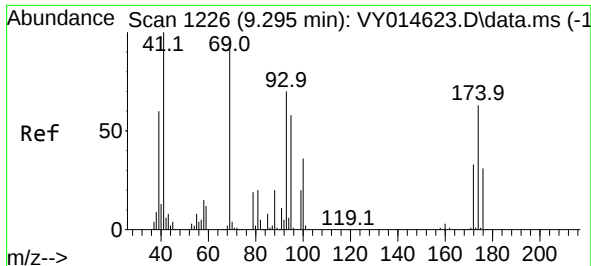


#48
Methyl methacrylate
Concen: 51.015 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09



Tgt Ion: 41 Resp: 122299
Ion Ratio Lower Upper
41 100
69 90.9 64.5 96.7
39 61.4 50.8 76.2





#49

1,4-Dioxane

Concen: 1045.582 ug/l

RT: 9.301 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

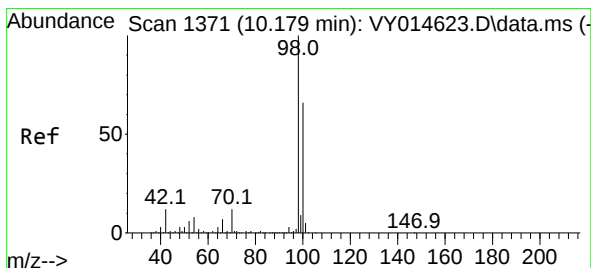
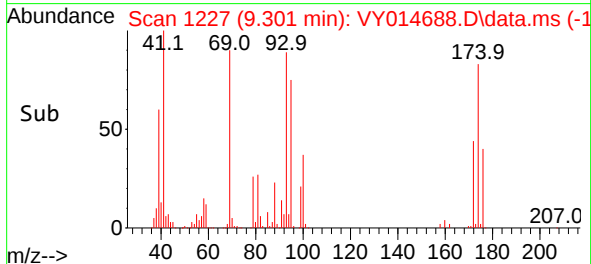
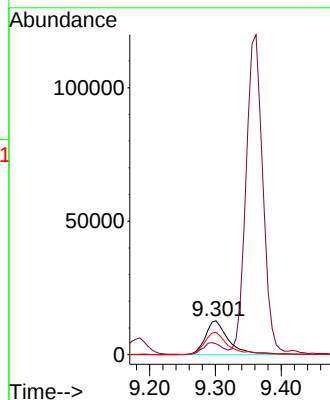
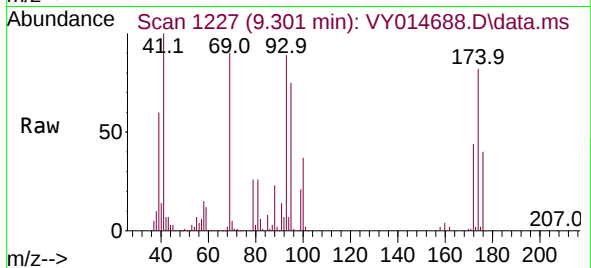
Tgt Ion: 88 Resp: 3120
 Ion Ratio Lower Upper
 88 100
 43 28.7 0.0 0.0
 58 69.0 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#50

Toluene-d8

Concen: 52.176 ug/l

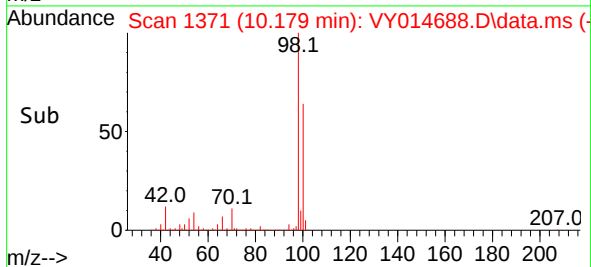
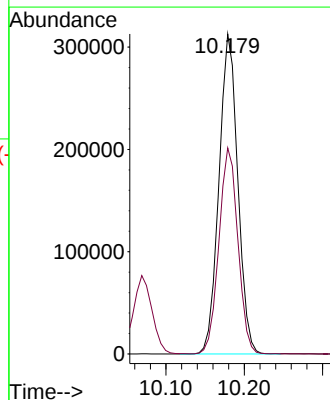
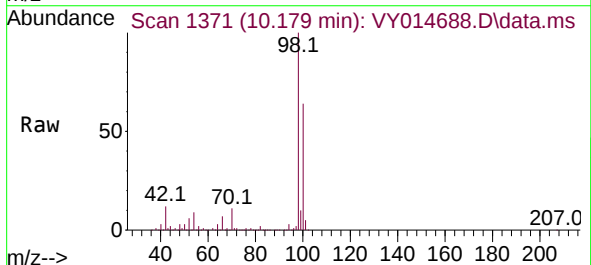
RT: 10.179 min Scan# 1371

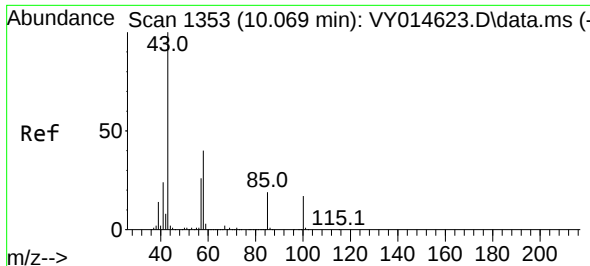
Delta R.T. -0.000 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

Tgt Ion: 98 Resp: 522514
 Ion Ratio Lower Upper
 98 100
 100 64.9 50.1 75.1





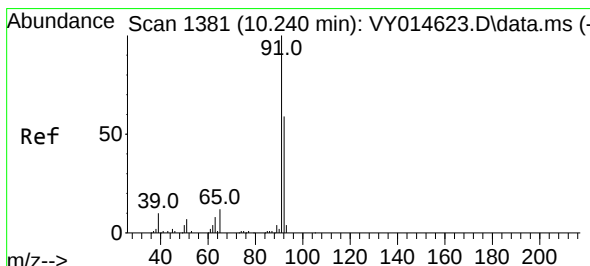
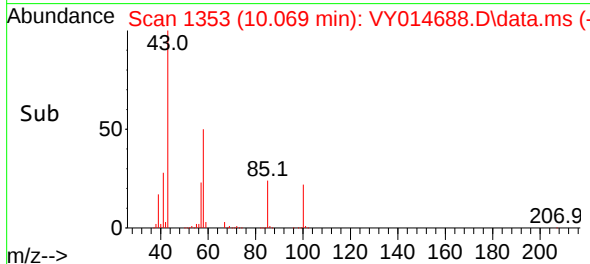
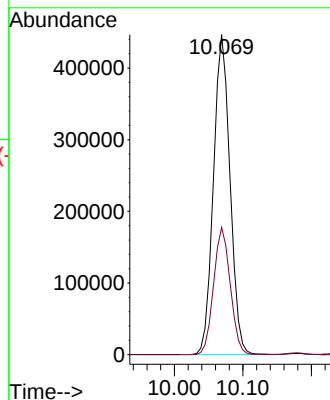
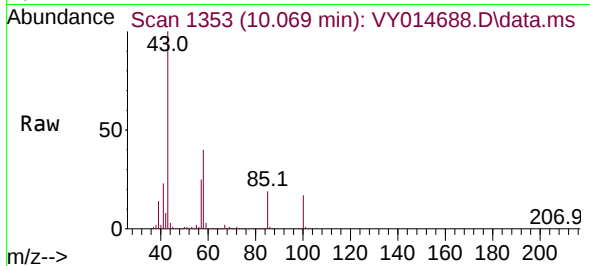
#51
4-Methyl-2-Pentanone
Concen: 268.206 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 75024
Ion Ratio Lower Upper
43 100
58 40.0 29.0 43.6

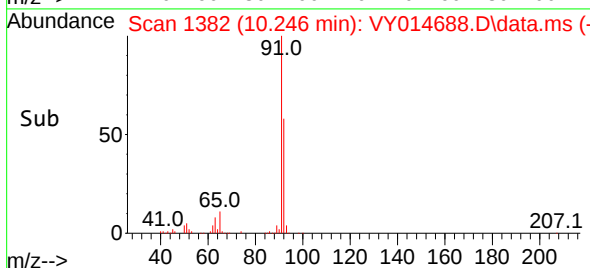
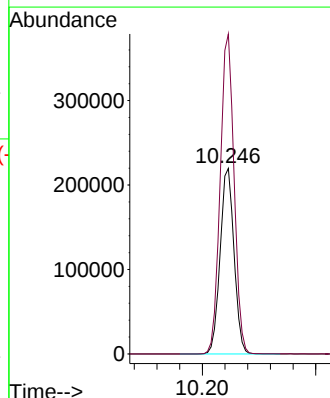
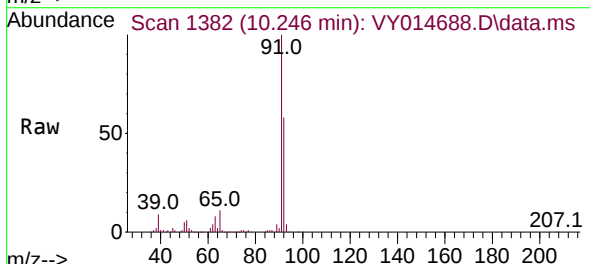
Manual Integrations
APPROVED

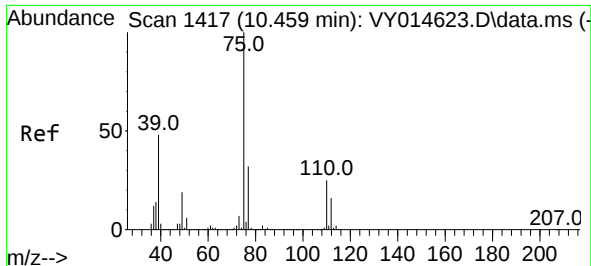
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#52
Toluene
Concen: 50.612 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

Tgt Ion: 92 Resp: 374163
Ion Ratio Lower Upper
92 100
91 171.7 143.8 215.6





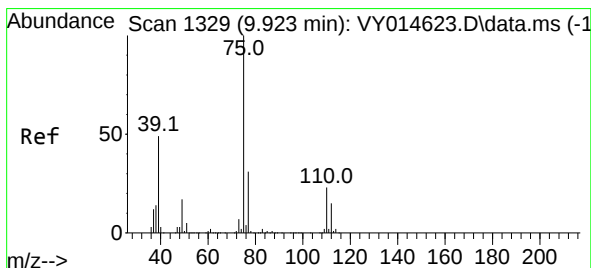
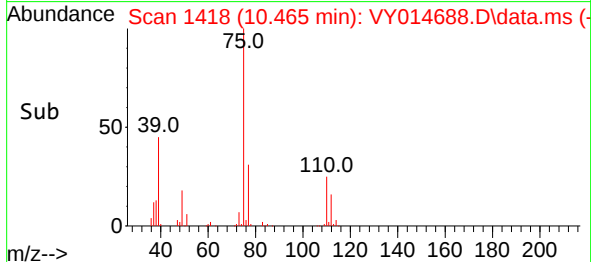
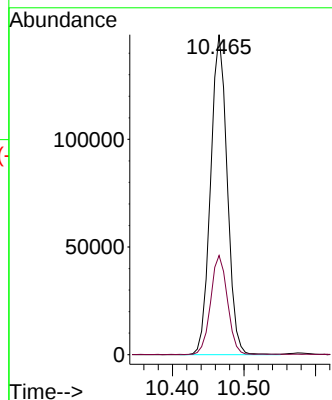
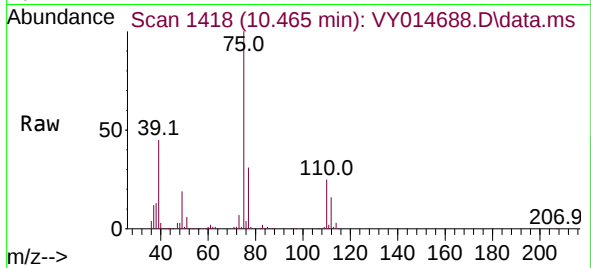
#53
 t-1,3-Dichloropropene
 Concen: 50.705 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY014688.D
 Acq: 18 Jul 2023 09:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 239234
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.0 37.4

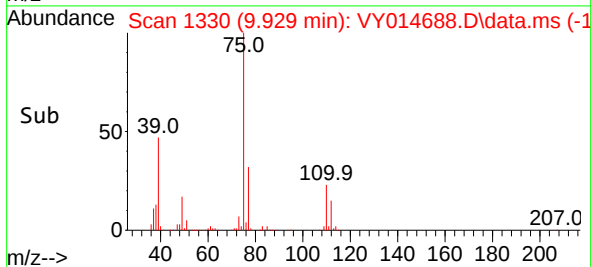
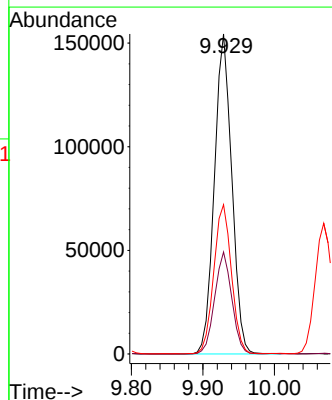
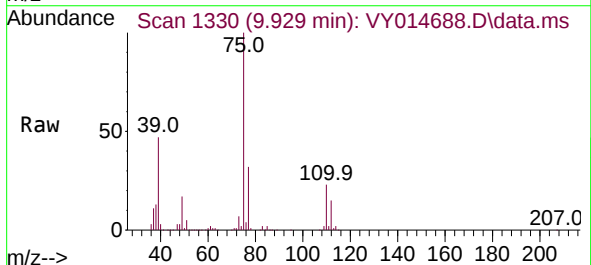
Manual Integrations
 APPROVED

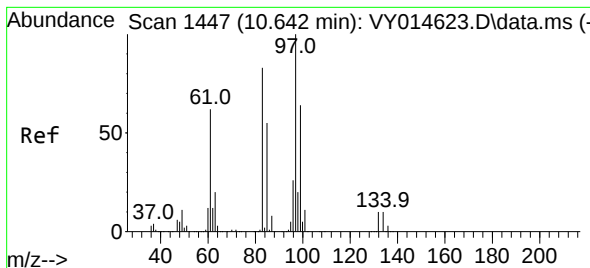
Reviewed By :John Carlone 07/19/2023
 Supervised By :Mahesh Dadoda 07/19/2023



#54
 cis-1,3-Dichloropropene
 Concen: 50.871 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY014688.D
 Acq: 18 Jul 2023 09:09

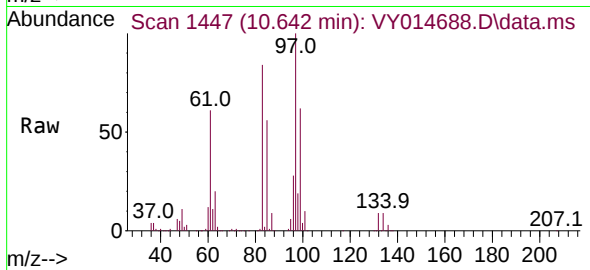
Tgt Ion: 75 Resp: 261010
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.2 36.4
 39 46.6 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 52.529 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

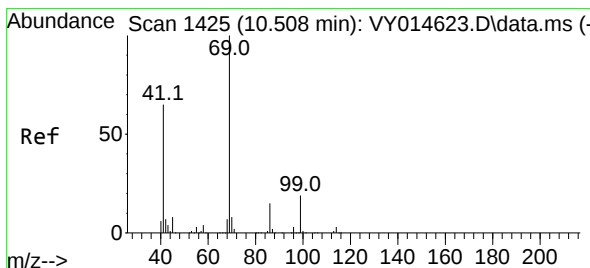
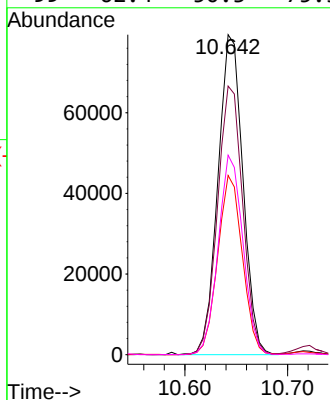
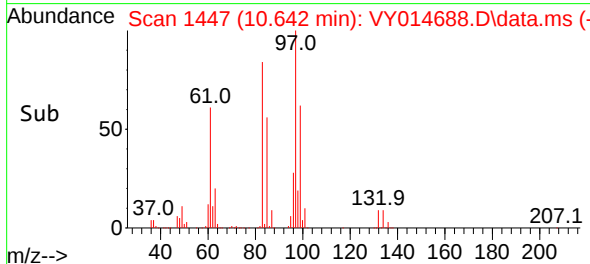
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



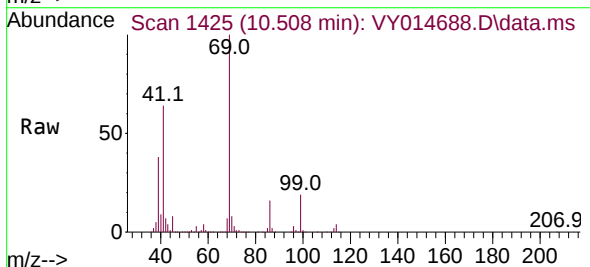
Tgt Ion:	97	Resp:	13391
Ion Ratio	100	Lower	Upper
83	83.9	72.0	108.0
85	55.9	45.4	68.0
99	62.4	50.3	75.5

Manual Integrations
APPROVED

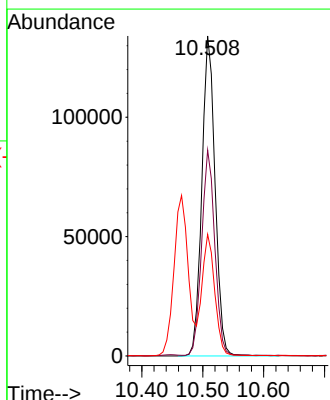
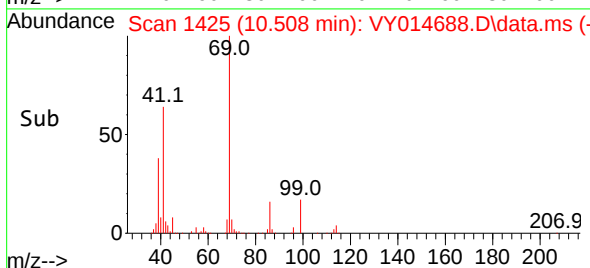
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

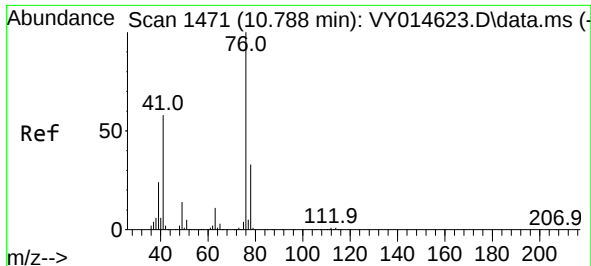


#56
Ethyl methacrylate
Concen: 52.081 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09



Tgt Ion:	69	Resp:	202716
Ion Ratio	100	Lower	Upper
41	63.8	57.6	86.4
39	36.0	34.1	51.1





#57

1,3-Dichloropropane

Concen: 51.779 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 227672

Ion Ratio Lower Upper

76 100

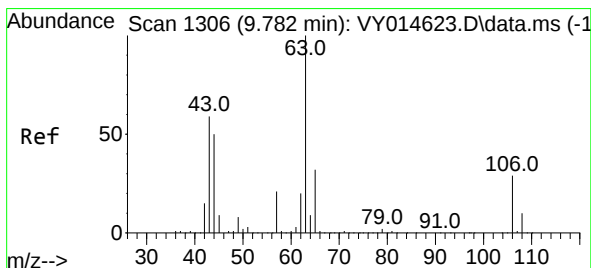
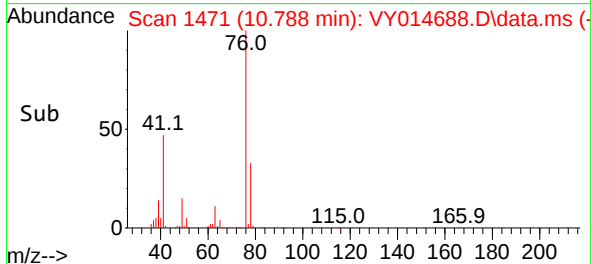
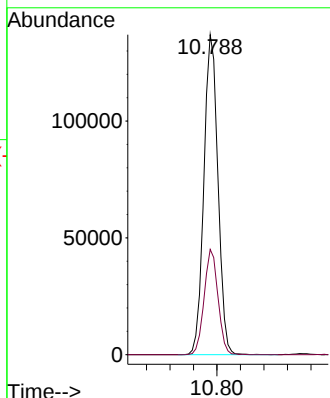
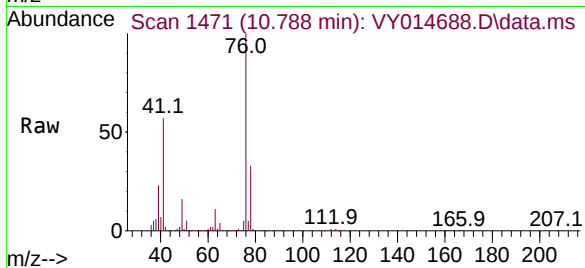
78 32.4 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#58

2-Chloroethyl Vinyl ether

Concen: 254.403 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY014688.D

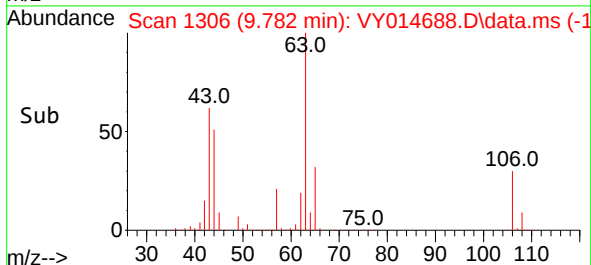
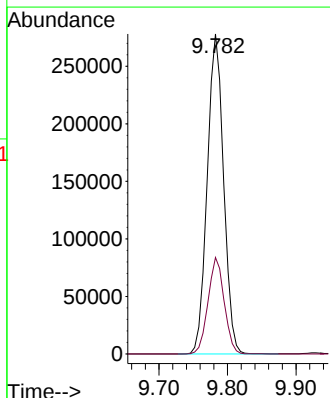
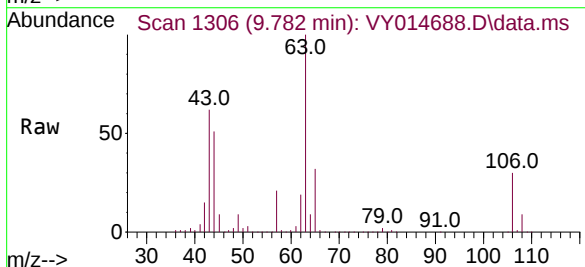
Acq: 18 Jul 2023 09:09

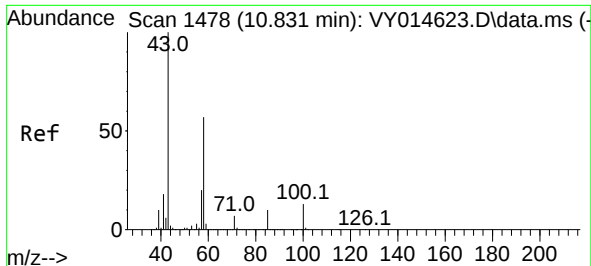
Tgt Ion: 63 Resp: 461389

Ion Ratio Lower Upper

63 100

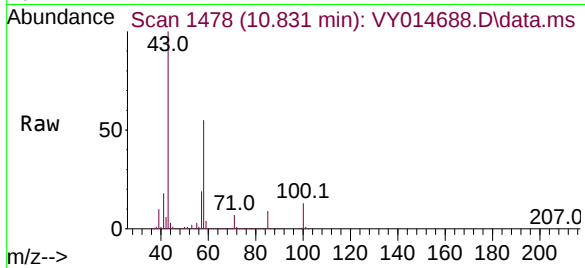
106 29.8 21.2 31.8





#59
2-Hexanone
Concen: 264.855 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

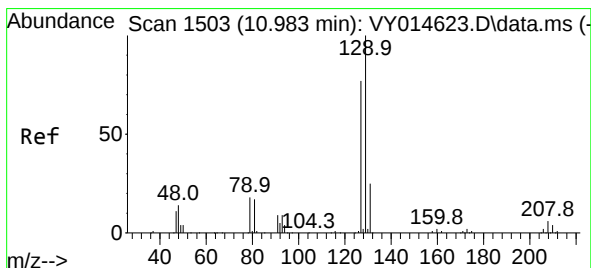
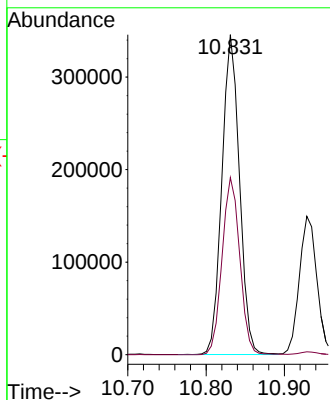
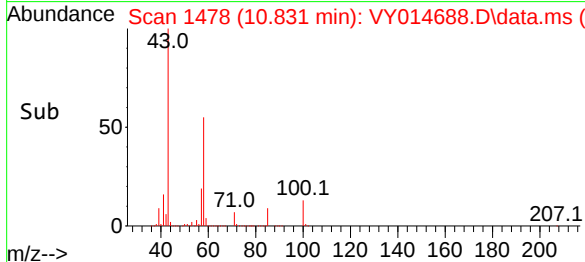
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



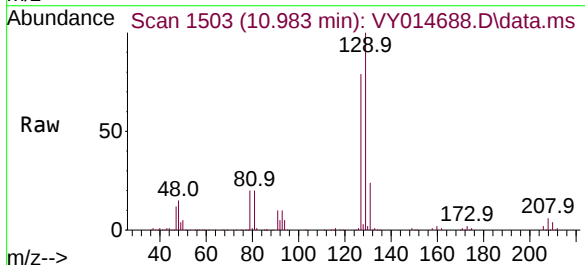
Tgt Ion: 43 Resp: 540280
Ion Ratio Lower Upper
43 100
58 55.8 25.1 75.3

Manual Integrations
APPROVED

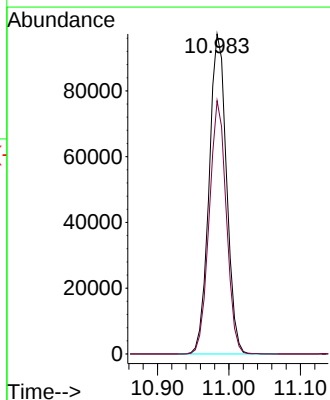
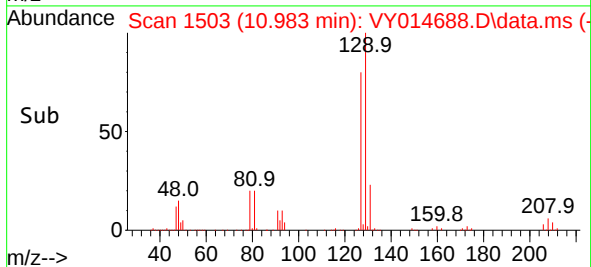
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

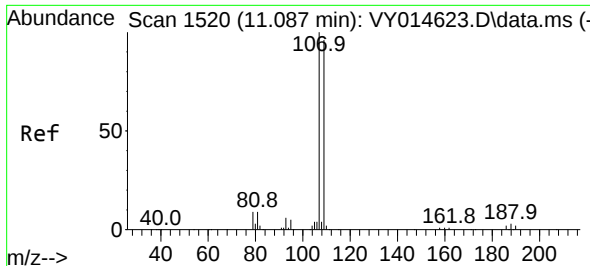


#60
Dibromochloromethane
Concen: 52.607 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09



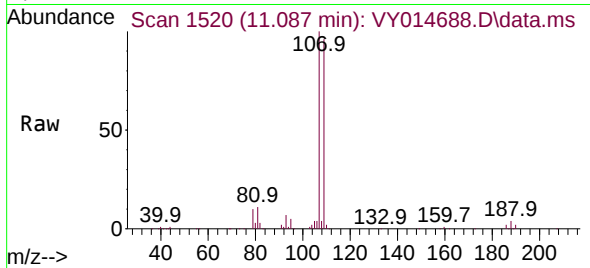
Tgt Ion:129 Resp: 164429
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5





#61
1,2-Dibromoethane
Concen: 51.949 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

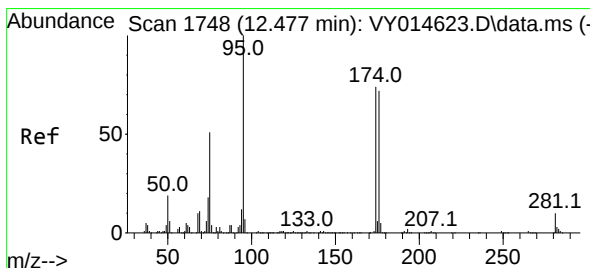
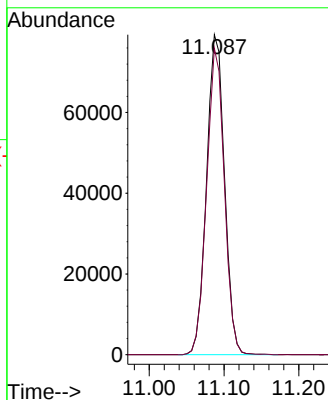
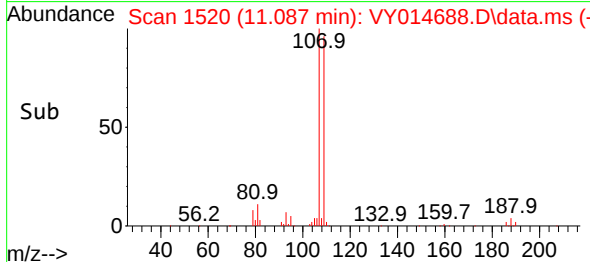
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



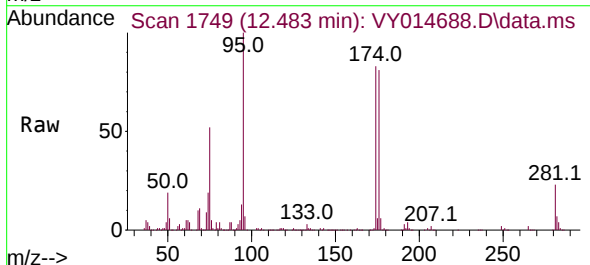
Tgt Ion:107 Resp: 132115
Ion Ratio Lower Upper
107 100
109 94.7 75.6 113.4

Manual Integrations
APPROVED

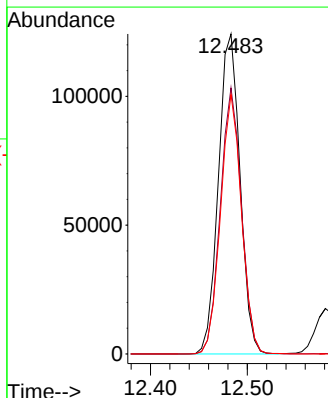
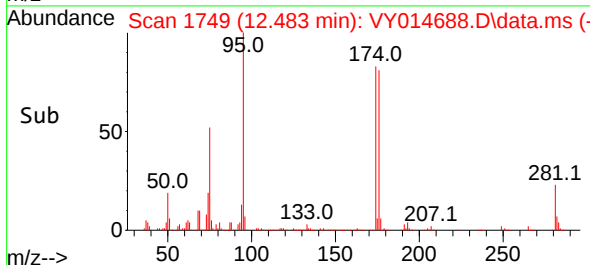
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

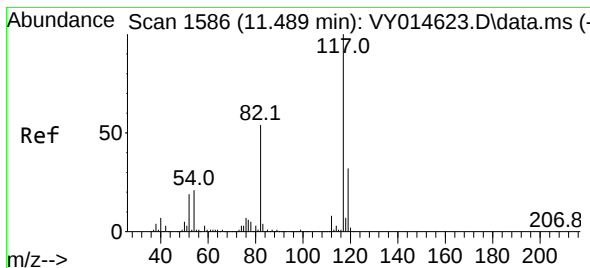


#62
4-Bromofluorobenzene
Concen: 50.027 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09



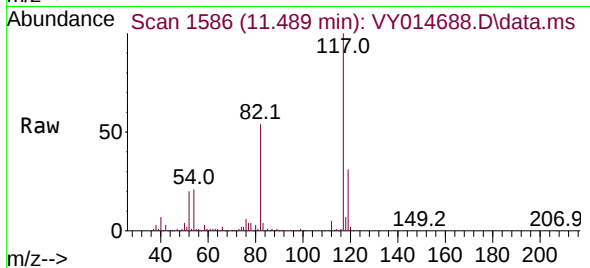
Tgt Ion: 95 Resp: 192101
Ion Ratio Lower Upper
95 100
174 81.4 0.0 178.2
176 78.7 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

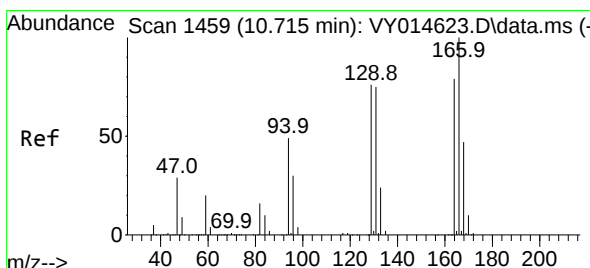
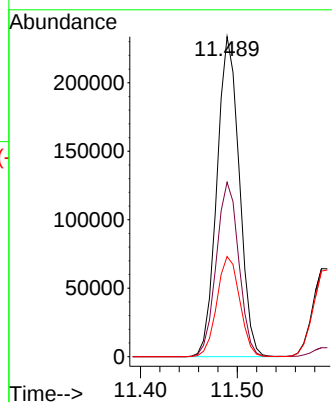
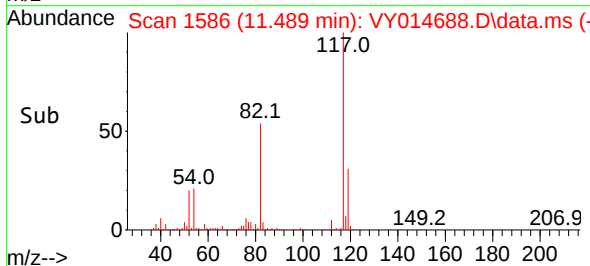
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 374810
Ion Ratio Lower Upper
117 100
82 54.5 43.4 65.0
119 31.3 26.3 39.5

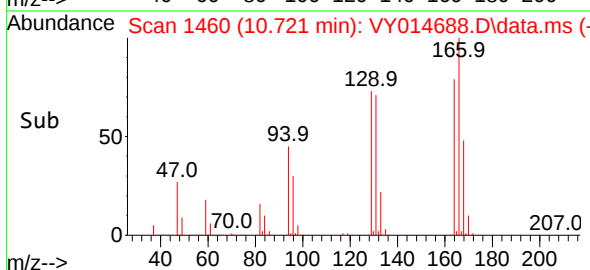
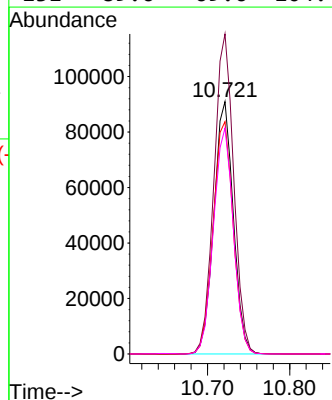
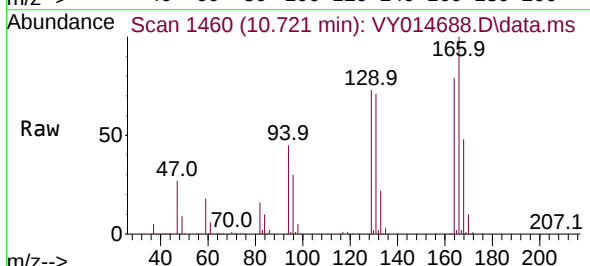
Manual Integrations
APPROVED

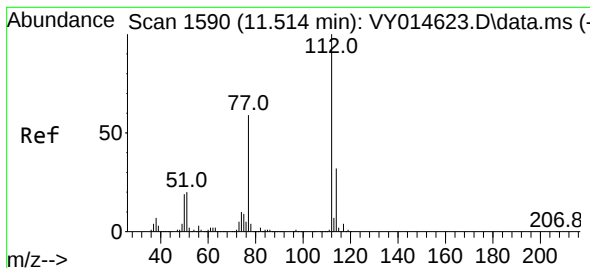
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#64
Tetrachloroethene
Concen: 49.714 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

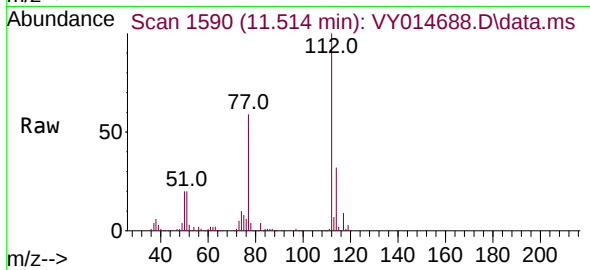
Tgt Ion:164 Resp: 149864
Ion Ratio Lower Upper
164 100
166 126.8 103.0 154.6
129 92.1 77.2 115.8
131 89.6 69.6 104.4





#65
Chlorobenzene
Concen: 51.122 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

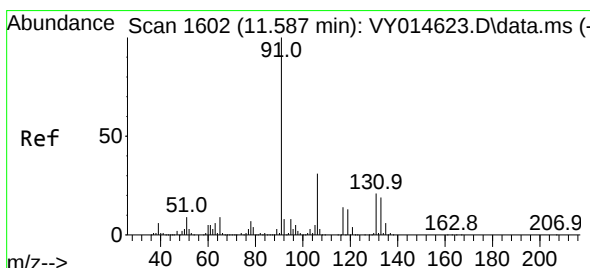
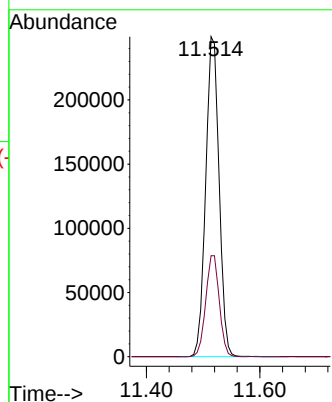
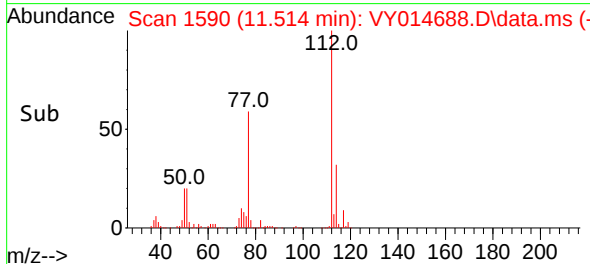
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



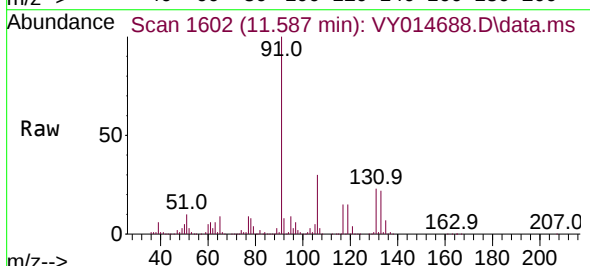
Tgt Ion:112 Resp: 40832
Ion Ratio Lower Upper
112 100
114 31.6 25.5 38.3

Manual Integrations
APPROVED

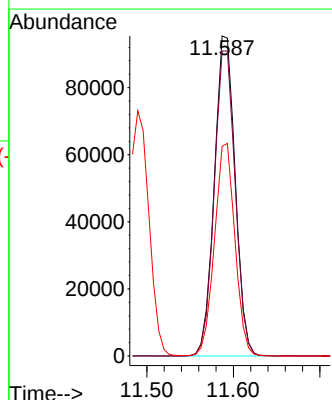
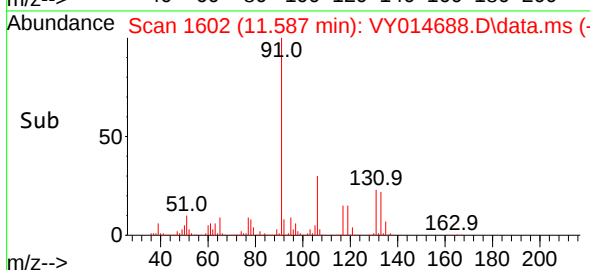
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

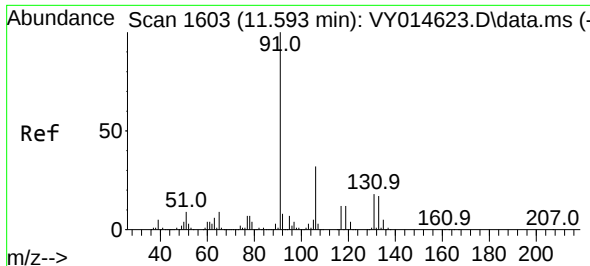


#66
1,1,1,2-Tetrachloroethane
Concen: 53.018 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09



Tgt Ion:131 Resp: 159665
Ion Ratio Lower Upper
131 100
133 95.6 47.5 142.6
119 65.2 31.6 94.7





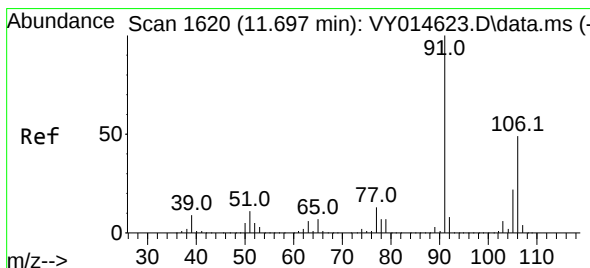
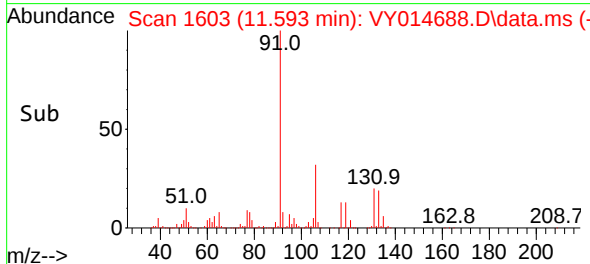
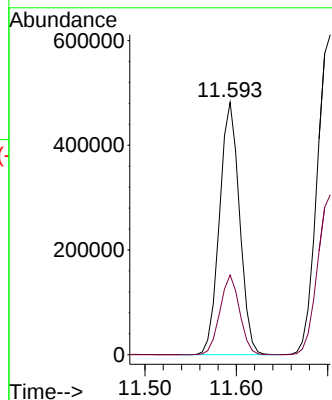
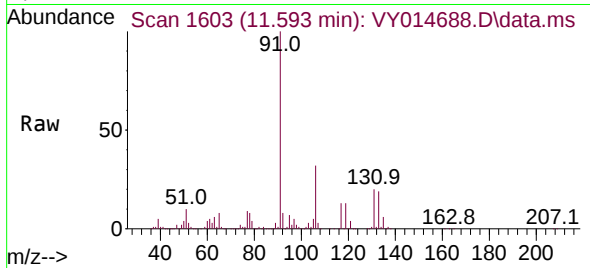
#67
Ethyl Benzene
Concen: 50.969 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 73503
Ion Ratio Lower Upper
91 100
106 31.6 24.6 36.8

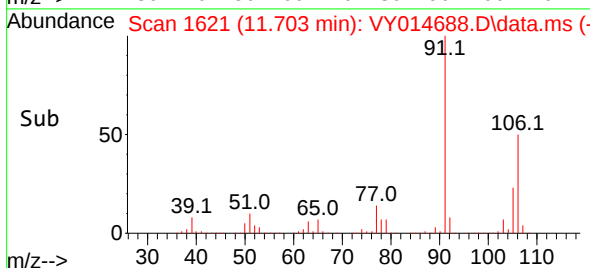
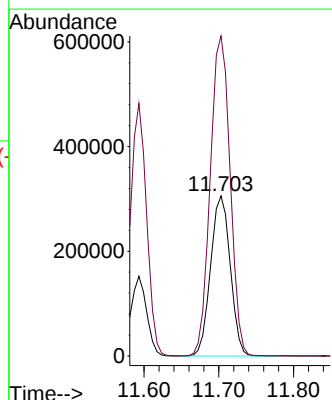
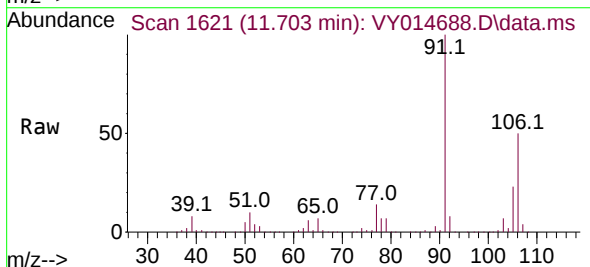
Manual Integrations
APPROVED

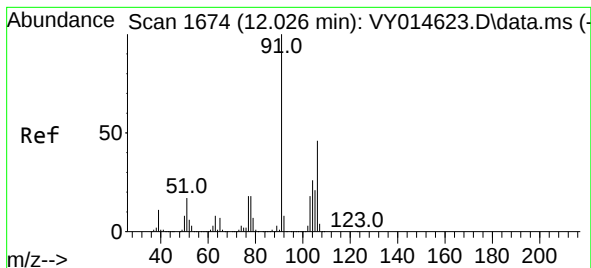
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#68
m/p-Xylenes
Concen: 101.410 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

Tgt Ion:106 Resp: 558249
Ion Ratio Lower Upper
106 100
91 202.6 166.1 249.1





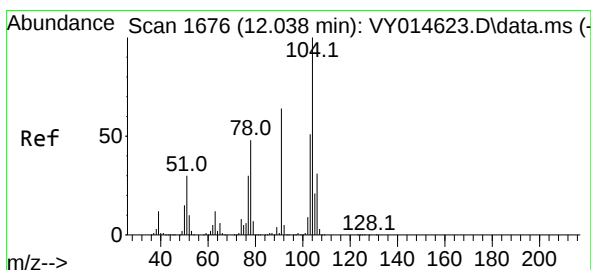
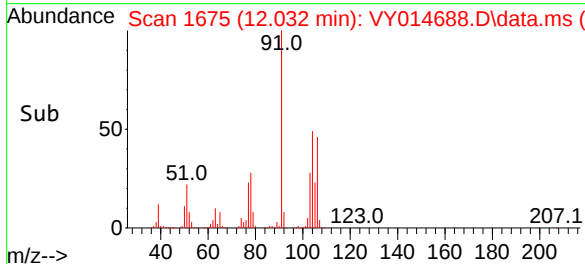
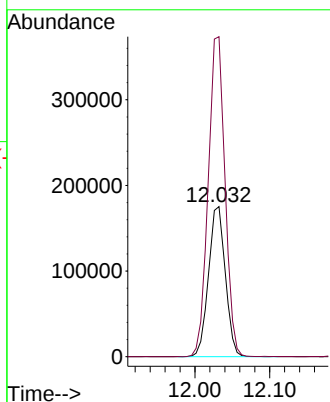
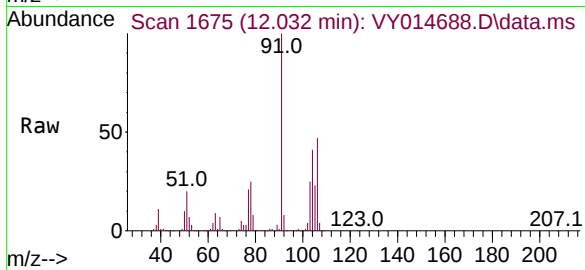
#69
o-Xylene
Concen: 51.115 ug/l
RT: 12.032 min Scan# 1674
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 274069
Ion Ratio Lower Upper
106 100
91 213.2 108.1 324.3

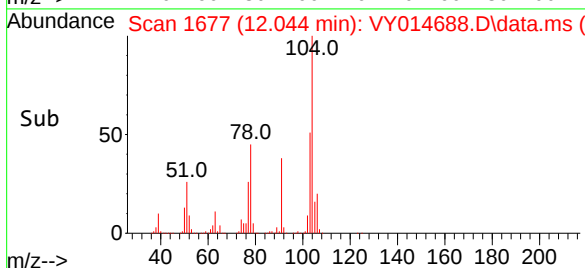
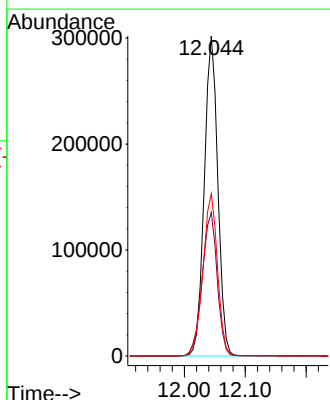
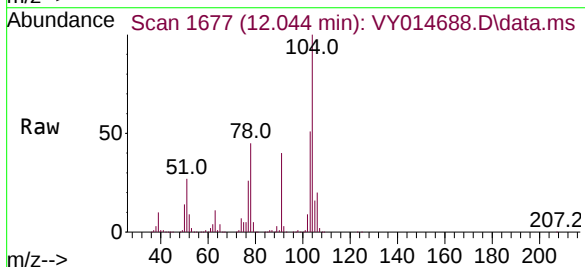
Manual Integrations
APPROVED

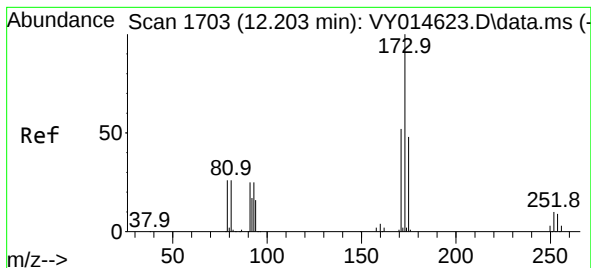
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#70
Styrene
Concen: 51.603 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

Tgt Ion:104 Resp: 466334
Ion Ratio Lower Upper
104 100
78 49.7 41.5 62.3
103 54.5 44.6 67.0





#71

Bromoform

Concen: 54.289 ug/l

RT: 12.209 min Scan# 1703

Delta R.T. 0.006 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

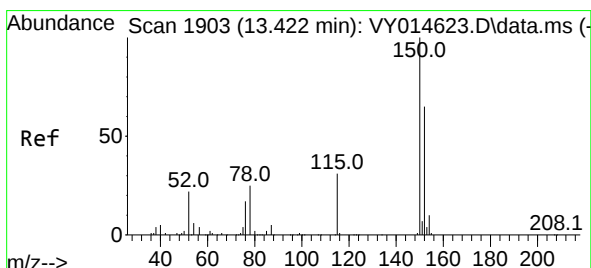
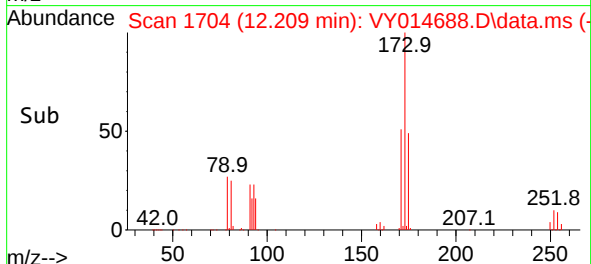
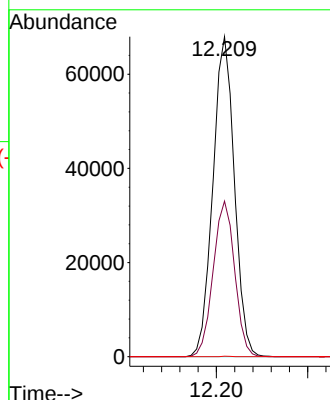
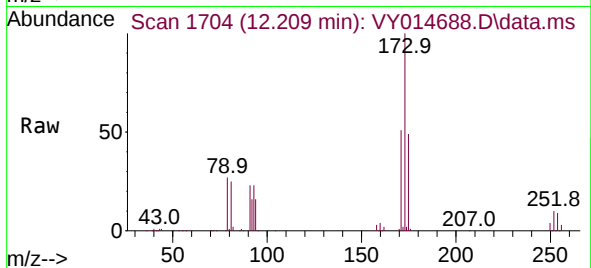
Tgt Ion:173 Resp: 11082
 Ion Ratio Lower Upper
 173 100
 175 48.6 24.6 73.8
 254 0.1 0.2 0.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

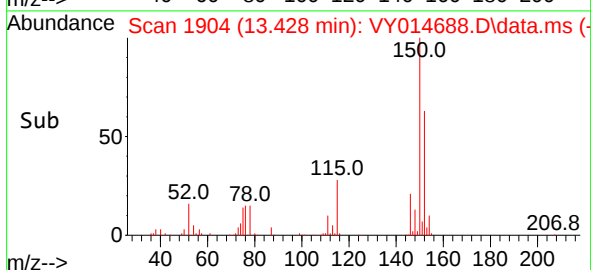
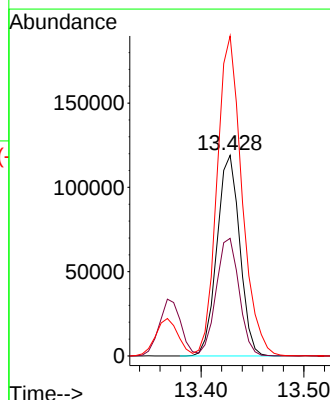
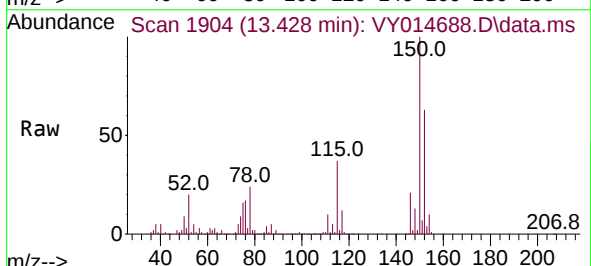
RT: 13.428 min Scan# 1904

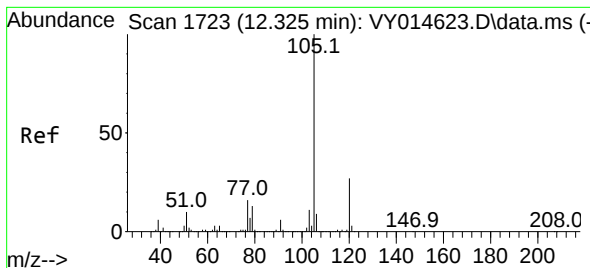
Delta R.T. 0.006 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

Tgt Ion:152 Resp: 183118
 Ion Ratio Lower Upper
 152 100
 115 59.1 28.8 86.5
 150 174.3 0.0 348.8





#73

Isopropylbenzene

Concen: 50.566 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.006 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 725029

Ion Ratio Lower Upper

105 100

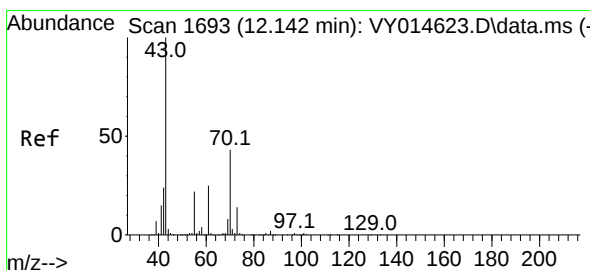
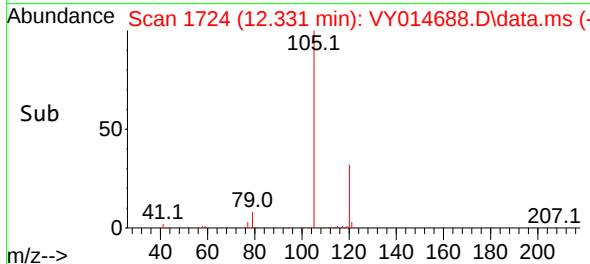
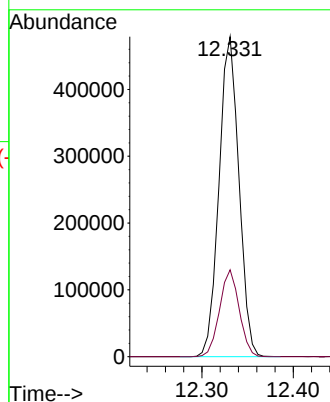
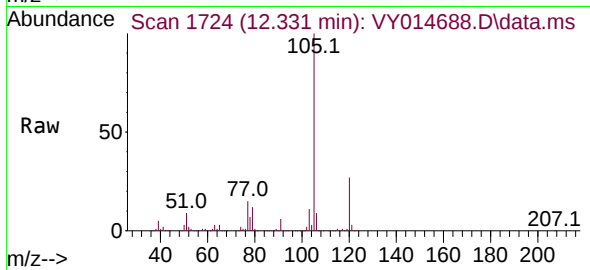
120 26.7 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#74

N-aryl acetate

Concen: 50.344 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

Tgt Ion: 43 Resp: 241757

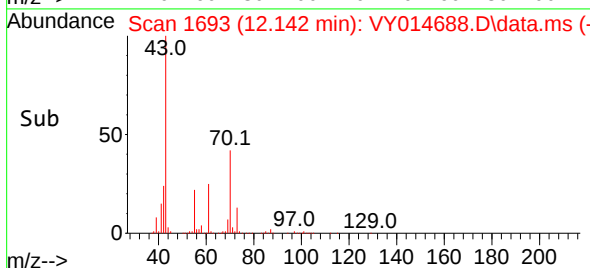
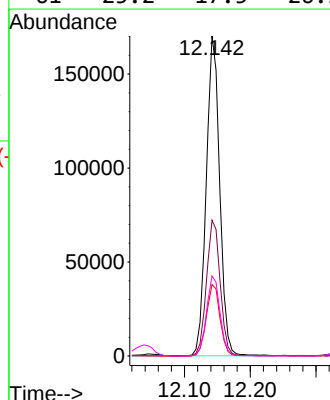
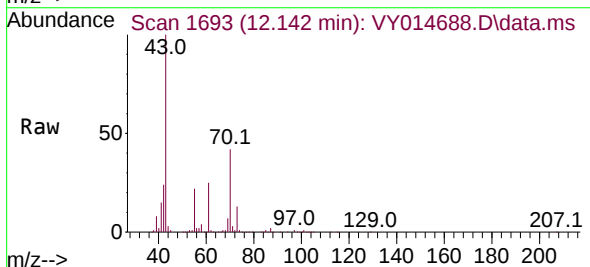
Ion Ratio Lower Upper

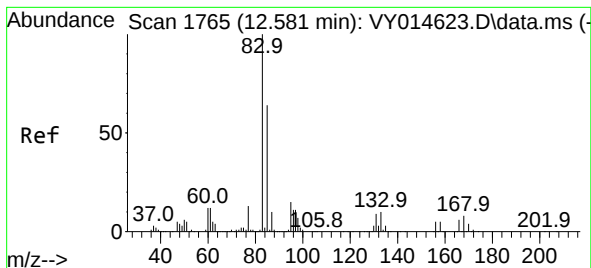
43 100

70 43.5 29.7 44.5

55 22.9 18.3 27.5

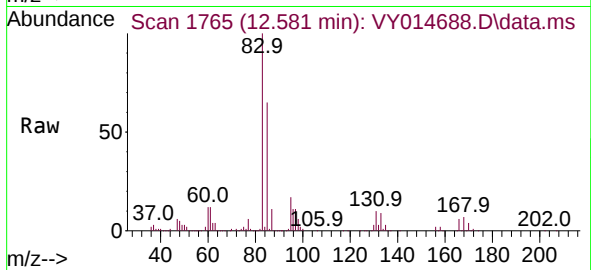
61 25.2 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 52.563 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

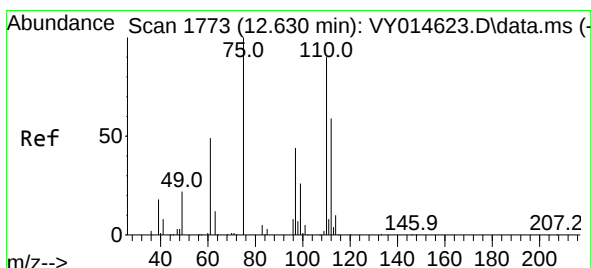
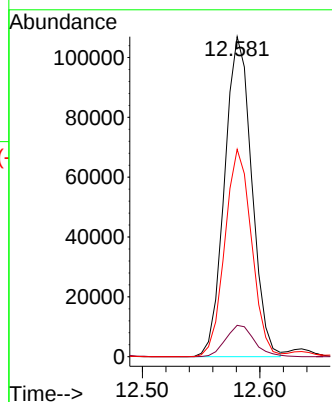
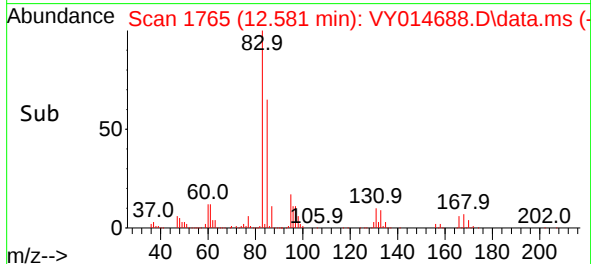
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



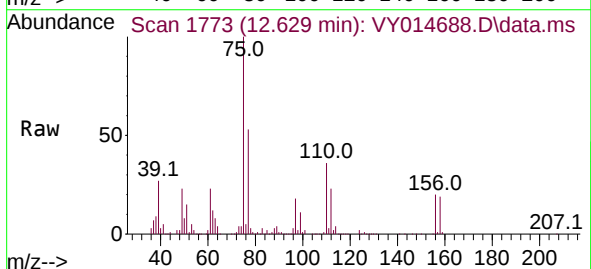
Tgt Ion: 83 Resp: 171869
Ion Ratio Lower Upper
83 100
131 10.3 5.4 16.2
85 63.8 31.8 95.4

Manual Integrations
APPROVED

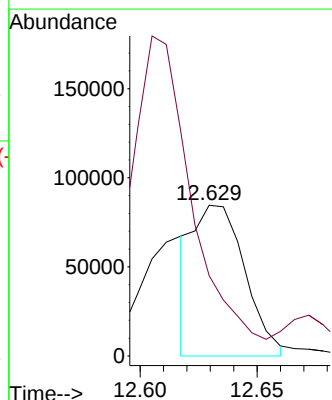
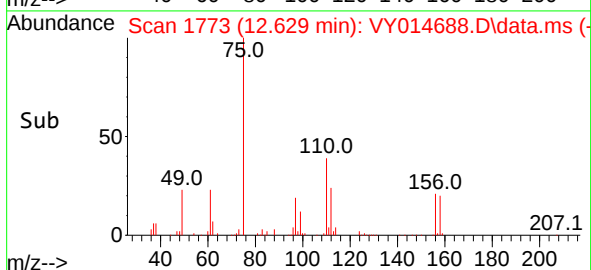
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

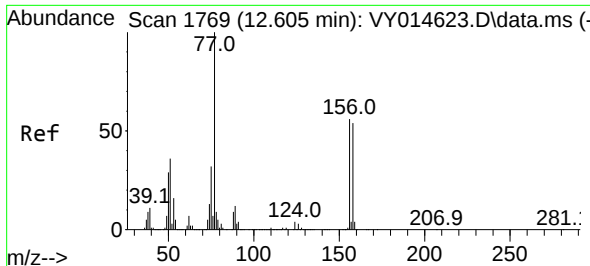


#76
1,2,3-Trichloropropane
Concen: 56.262 ug/l m
RT: 12.629 min Scan# 1773
Delta R.T. -0.001 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09



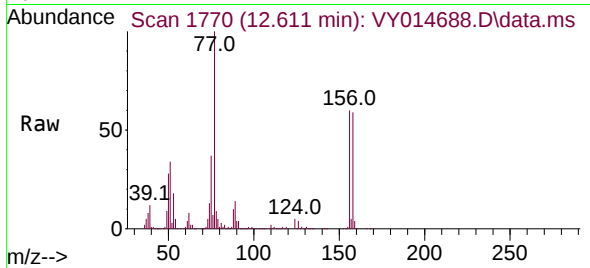
Tgt Ion: 75 Resp: 130119
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 51.772 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

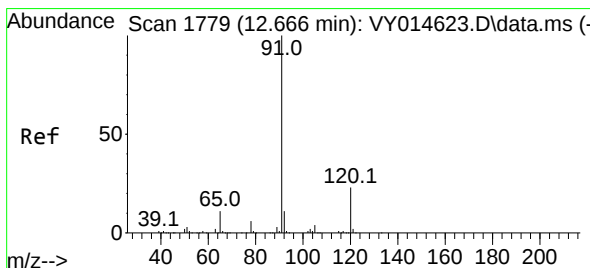
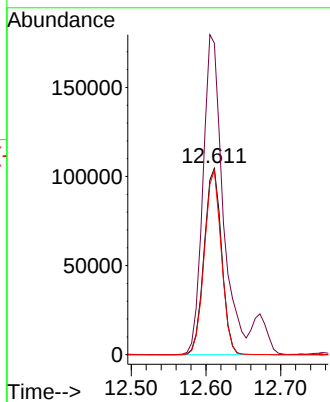
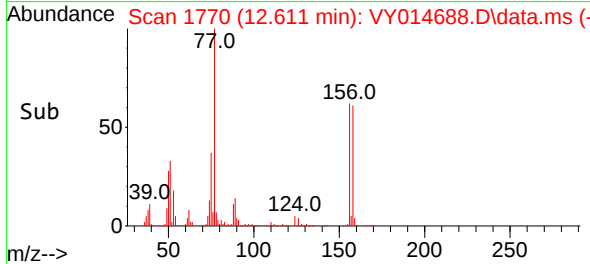
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



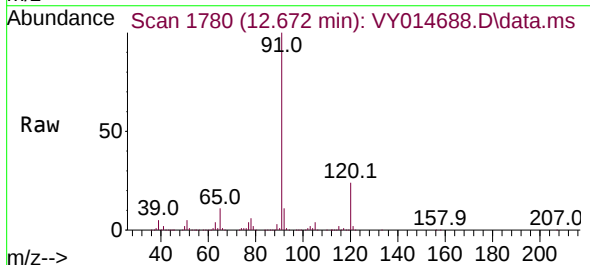
Tgt Ion:156 Resp: 169440
Ion Ratio Lower Upper
156 100
77 195.7 92.8 278.6
158 96.6 48.4 145.3

Manual Integrations
APPROVED

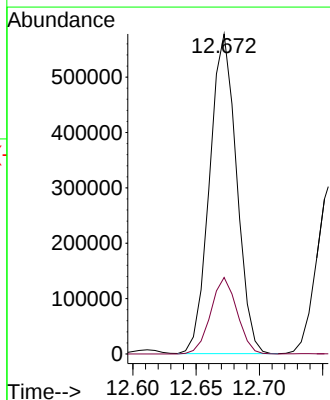
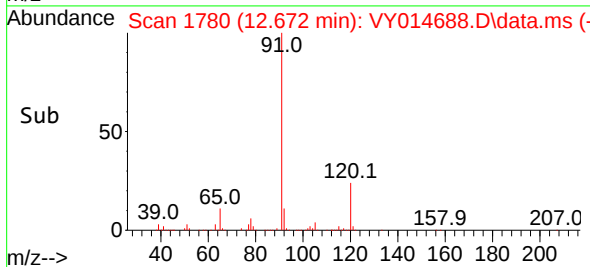
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

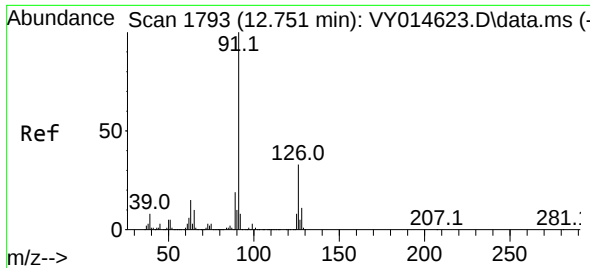


#78
n-propylbenzene
Concen: 49.534 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09



Tgt Ion: 91 Resp: 855833
Ion Ratio Lower Upper
91 100
120 23.3 11.5 34.4





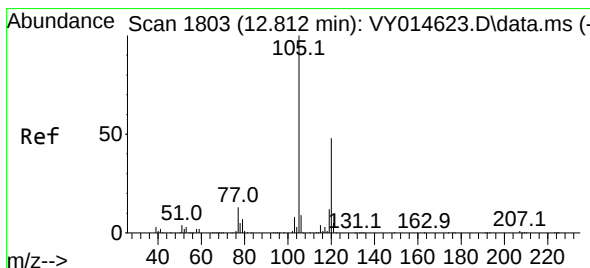
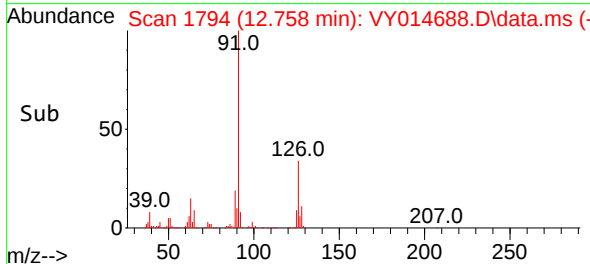
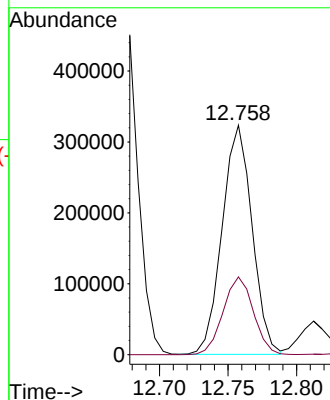
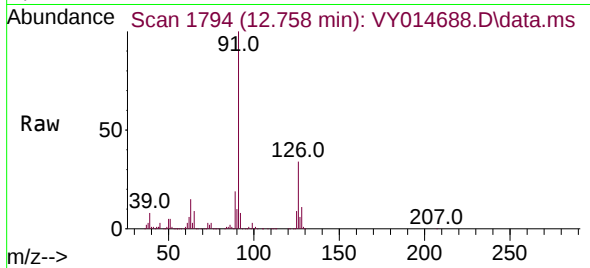
#79
2-Chlorotoluene
Concen: 49.378 ug/l
RT: 12.758 min Scan# 1793
Delta R.T. 0.007 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 491394
Ion Ratio Lower Upper
91 100
126 34.3 17.3 51.7

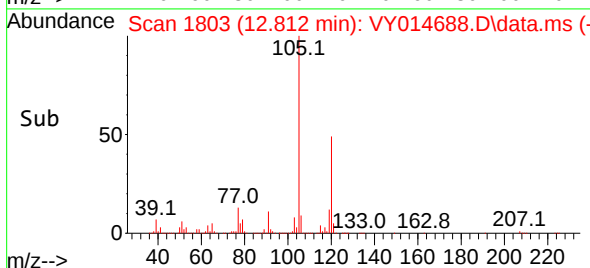
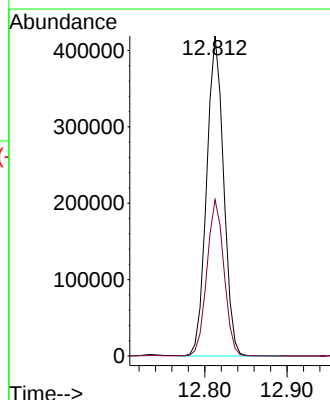
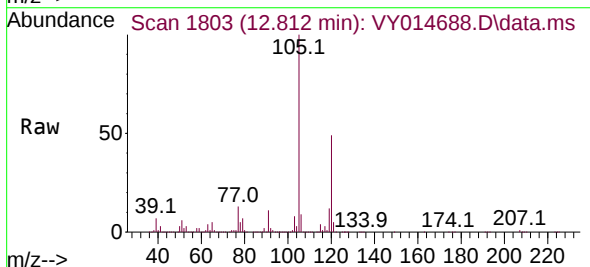
Manual Integrations
APPROVED

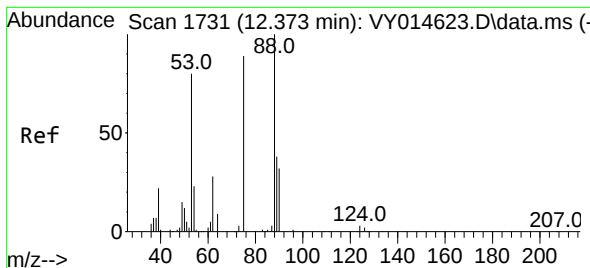
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#80
1,3,5-Trimethylbenzene
Concen: 50.167 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

Tgt Ion:105 Resp: 600720
Ion Ratio Lower Upper
105 100
120 49.2 23.9 71.7





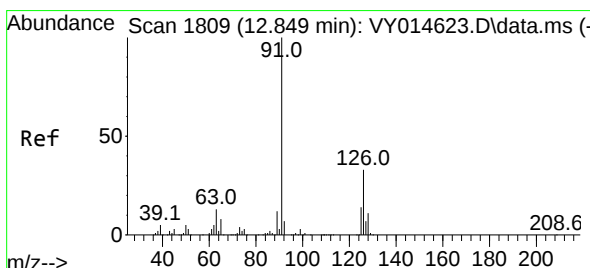
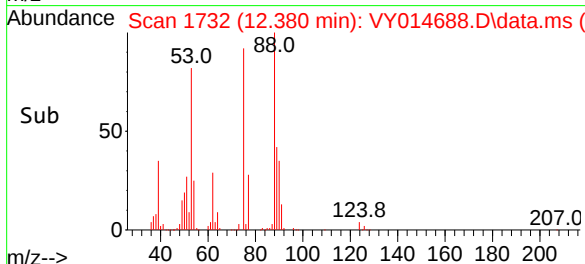
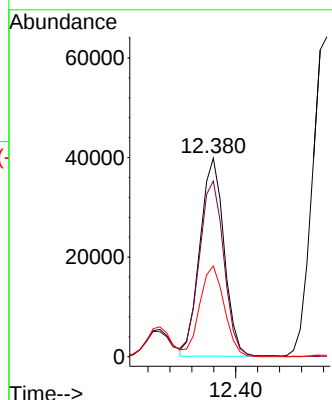
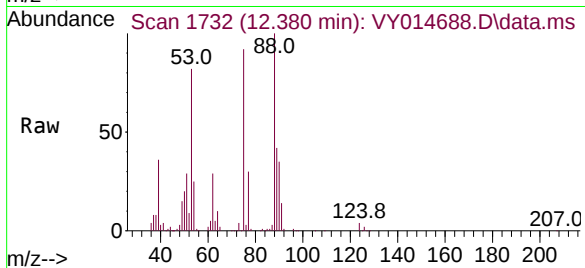
#81
trans-1,4-Dichloro-2-butene
Concen: 50.915 ug/l
RT: 12.380 min Scan# 1731
Delta R.T. 0.007 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 6081
Ion Ratio Lower Upper
75 100
53 90.0 77.8 116.8
89 46.8 37.4 56.0

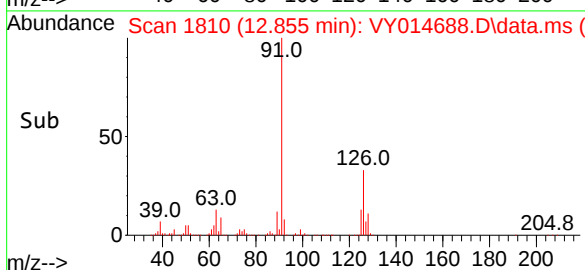
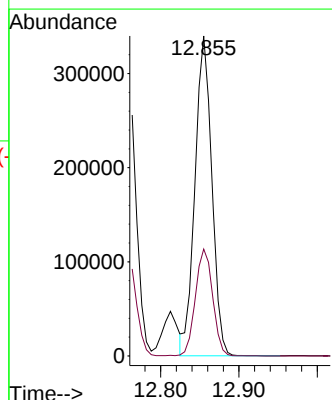
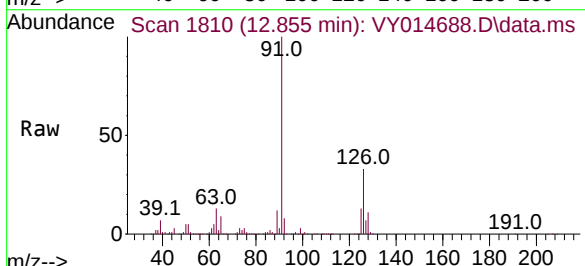
Manual Integrations
APPROVED

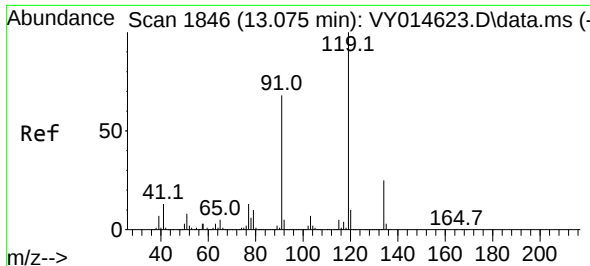
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#82
4-Chlorotoluene
Concen: 49.648 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

Tgt Ion: 91 Resp: 508853
Ion Ratio Lower Upper
91 100
126 34.3 17.2 51.6





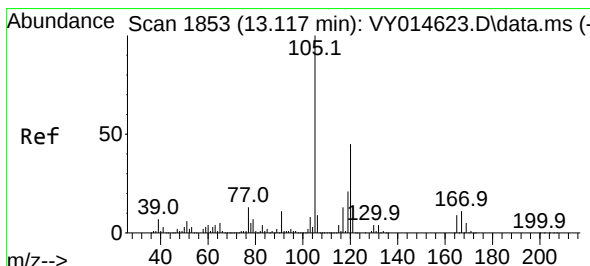
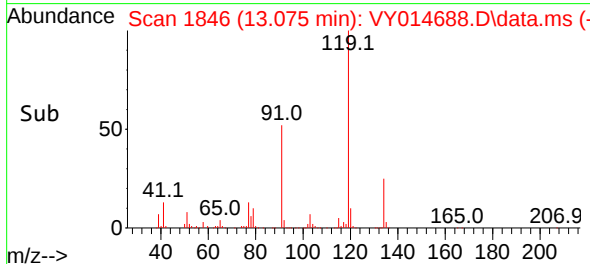
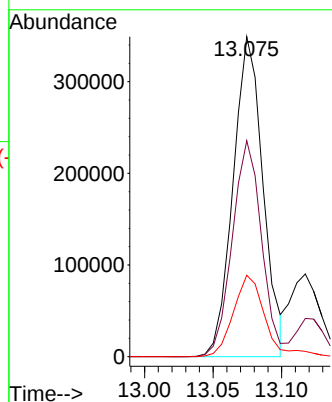
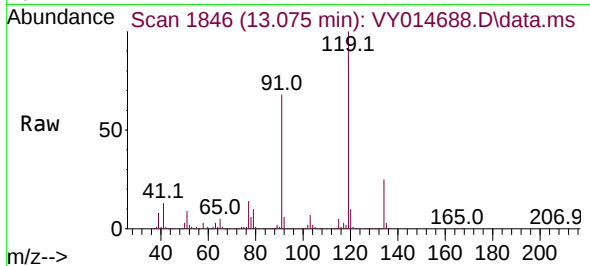
#83
tert-Butylbenzene
Concen: 49.888 ug/l
RT: 13.075 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 52992
Ion Ratio Lower Upper
119 100
91 66.8 32.9 98.6
134 27.0 13.0 38.9

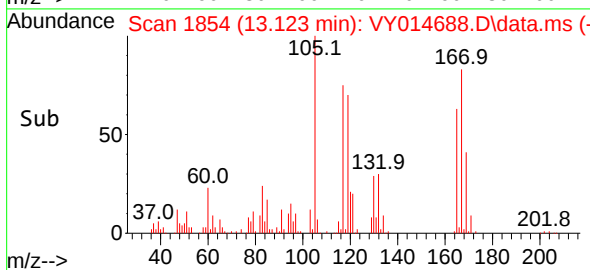
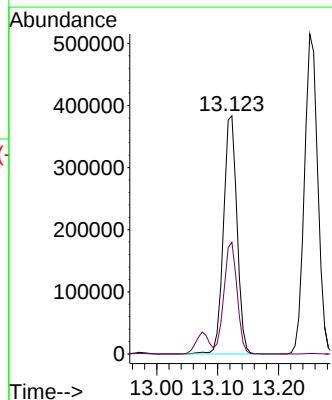
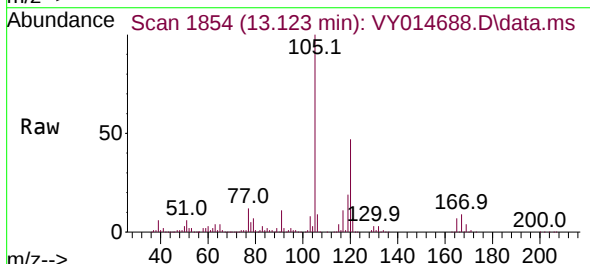
Manual Integrations
APPROVED

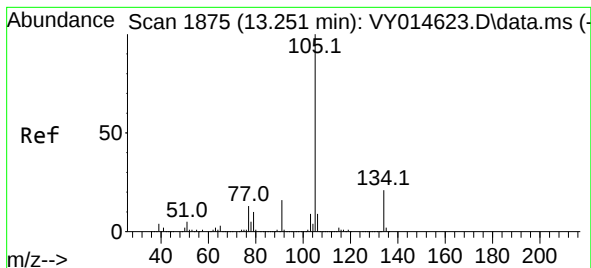
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#84
1,2,4-Trimethylbenzene
Concen: 50.310 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

Tgt Ion:105 Resp: 591222
Ion Ratio Lower Upper
105 100
120 45.8 22.2 66.6





#85

sec-Butylbenzene

Concen: 49.979 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 778775

Ion Ratio Lower Upper

105 100

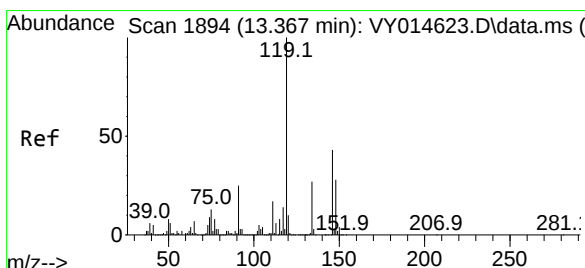
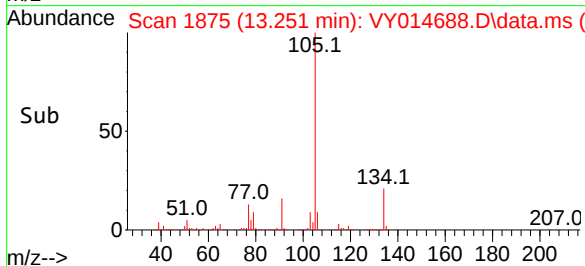
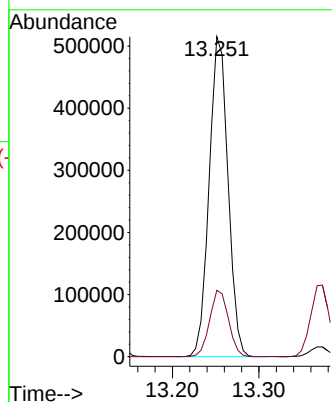
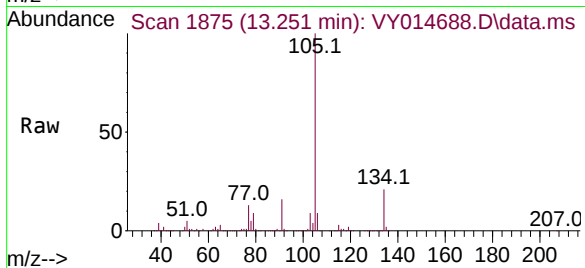
134 20.7 10.2 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#86

p-Isopropyltoluene

Concen: 50.830 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

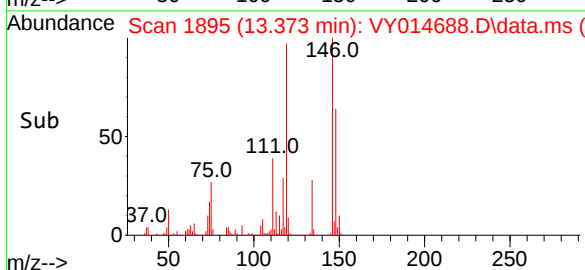
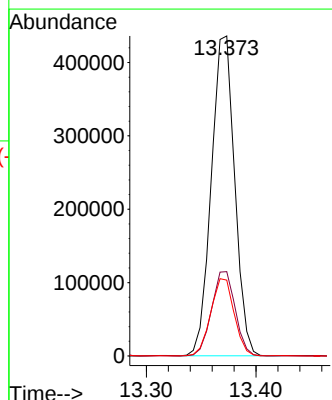
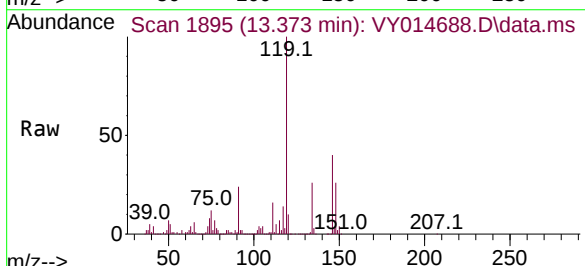
Tgt Ion:119 Resp: 646674

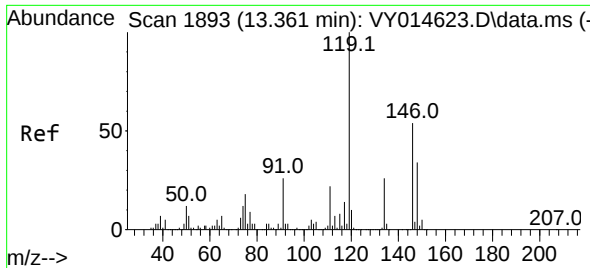
Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

91 24.1 12.4 37.4





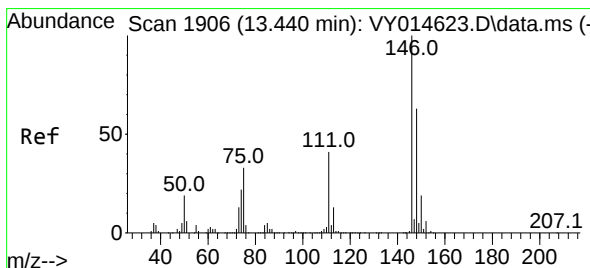
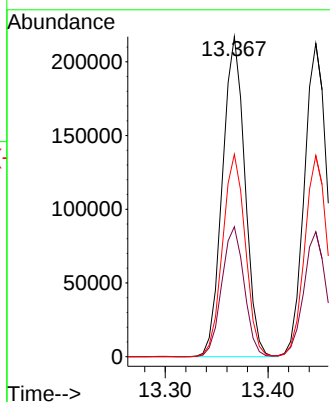
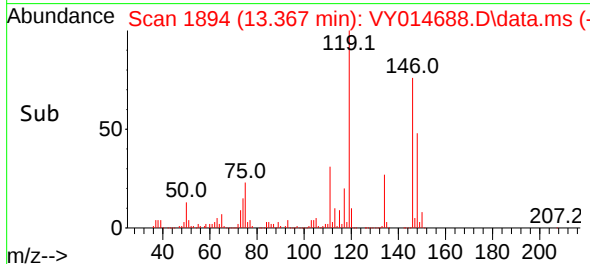
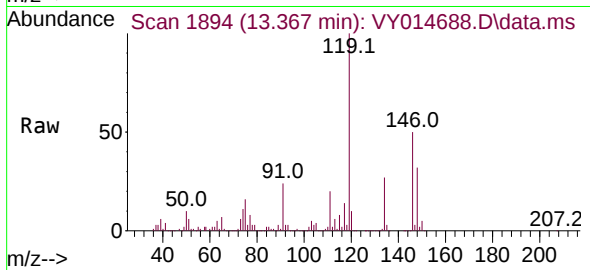
#87
1,3-Dichlorobenzene
Concen: 51.796 ug/l
RT: 13.367 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 329936
Ion Ratio Lower Upper
146 100
111 40.4 19.4 58.2
148 63.7 31.9 95.5

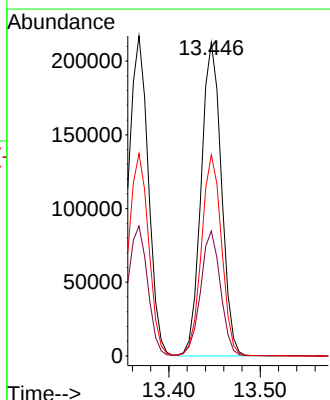
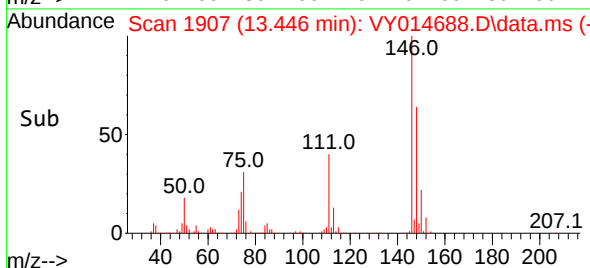
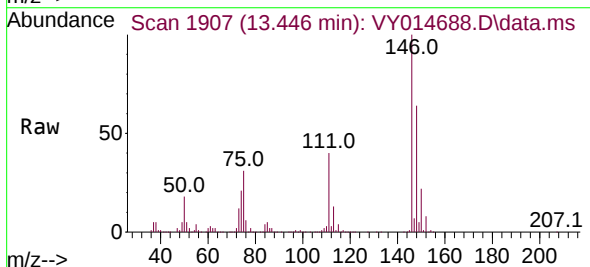
Manual Integrations
APPROVED

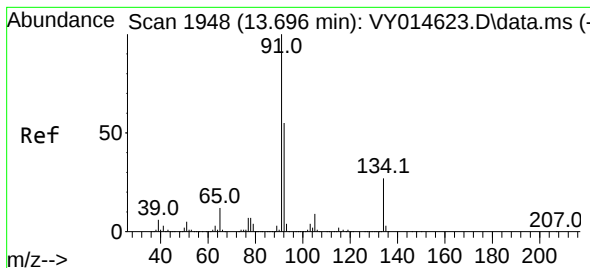
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#88
1,4-Dichlorobenzene
Concen: 51.194 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

Tgt Ion:146 Resp: 326786
Ion Ratio Lower Upper
146 100
111 39.2 18.9 56.7
148 63.8 32.1 96.5





#89

n-Butylbenzene

Concen: 48.376 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

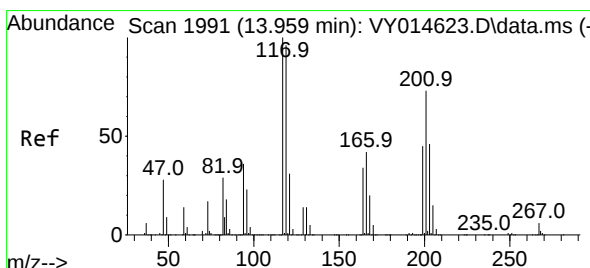
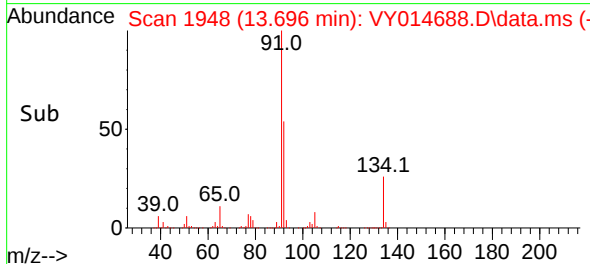
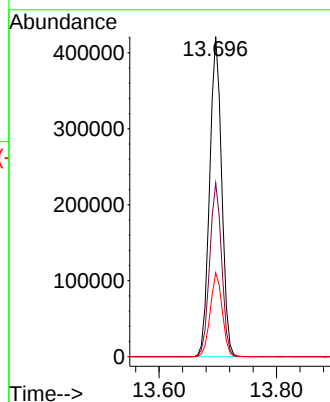
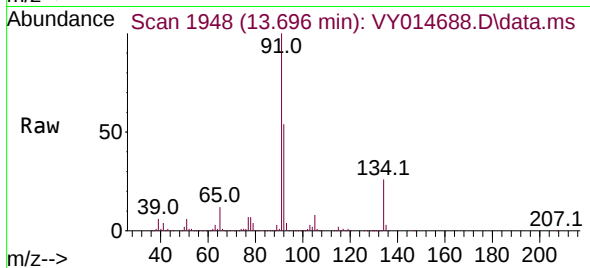
Tgt Ion:	91	Resp:	598769
Ion Ratio	Lower	Upper	
91	100		
92	54.1	25.4	76.0
134	26.1	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#90

Hexachloroethane

Concen: 50.858 ug/l

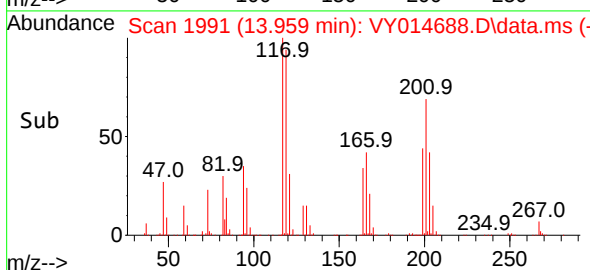
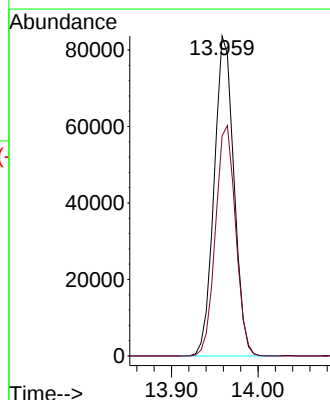
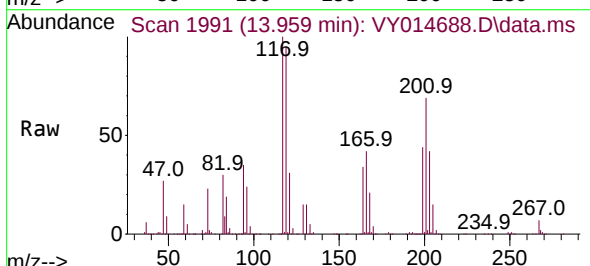
RT: 13.959 min Scan# 1991

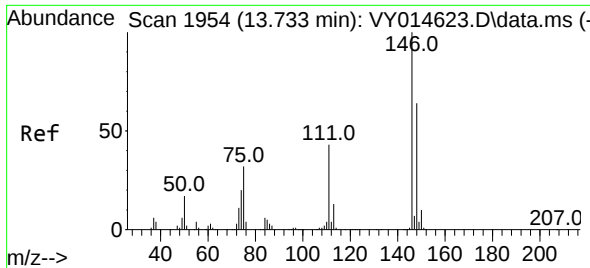
Delta R.T. -0.000 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

Tgt Ion:	117	Resp:	132900
Ion Ratio	Lower	Upper	
117	100		
201	73.1	41.6	124.8





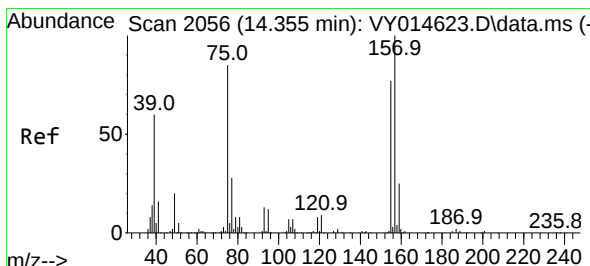
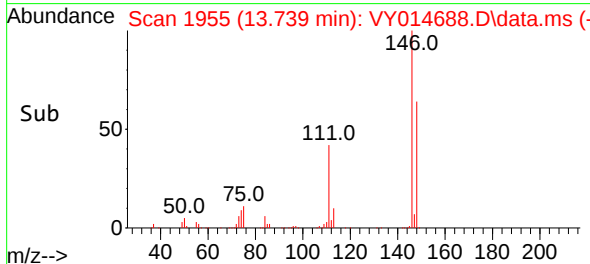
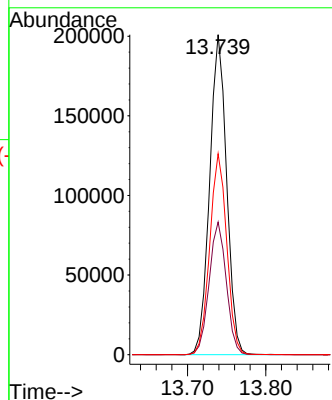
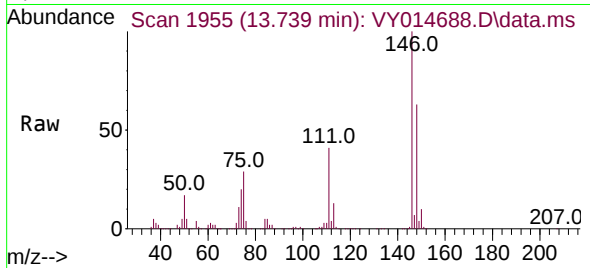
#91
1,2-Dichlorobenzene
Concen: 51.727 ug/l
RT: 13.739 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 301884
Ion Ratio Lower Upper
146 100
111 41.9 19.7 59.0
148 63.0 32.0 96.2

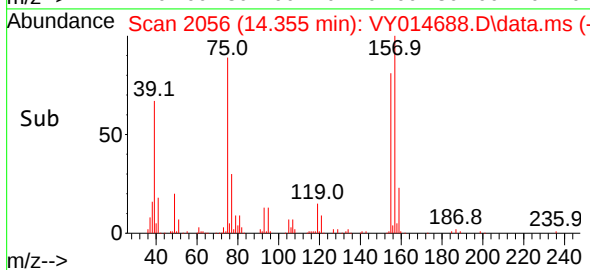
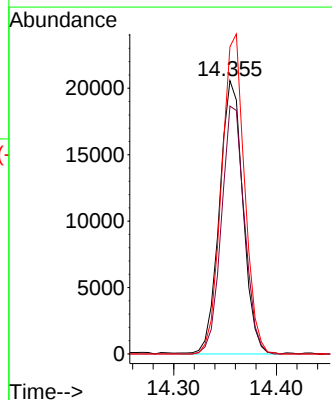
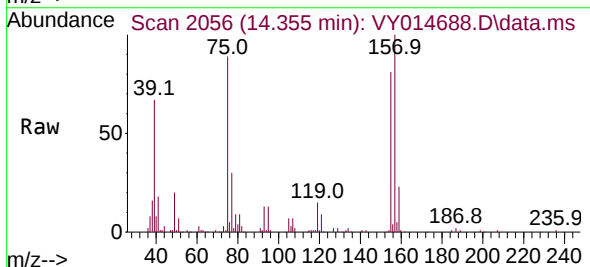
Manual Integrations
APPROVED

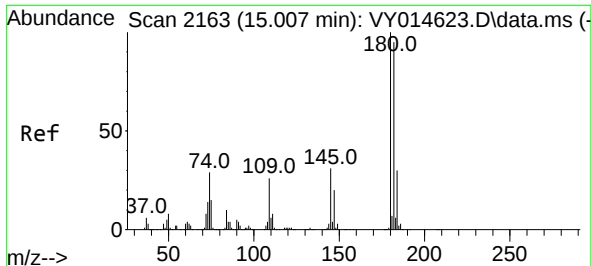
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.211 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

Tgt Ion: 75 Resp: 32648
Ion Ratio Lower Upper
75 100
155 88.4 41.5 124.6
157 113.9 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 51.266 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 189928

Ion Ratio Lower Upper

180 100

182 94.6 47.0 141.2

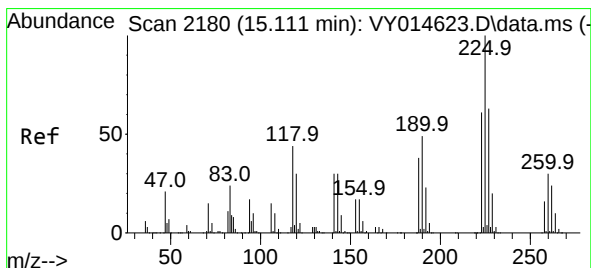
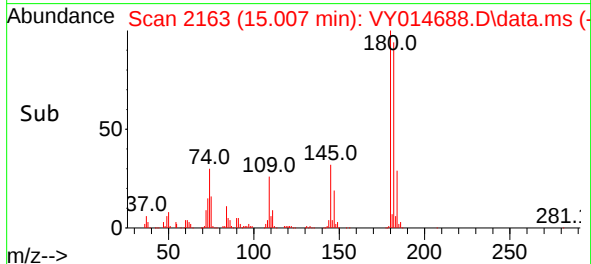
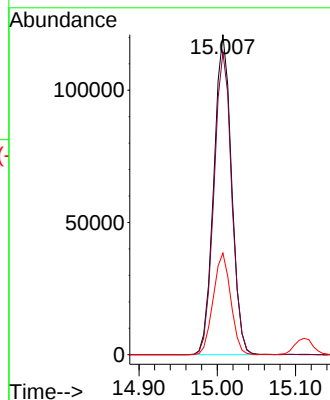
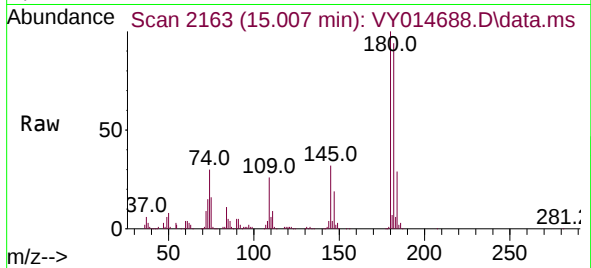
145 31.3 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#94

Hexachlorobutadiene

Concen: 48.696 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

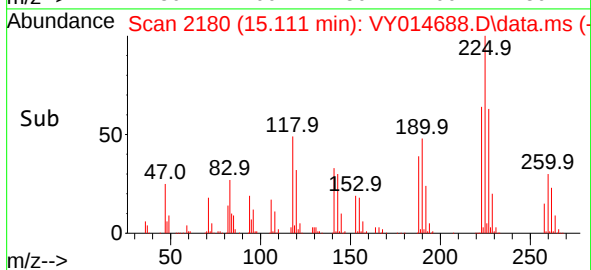
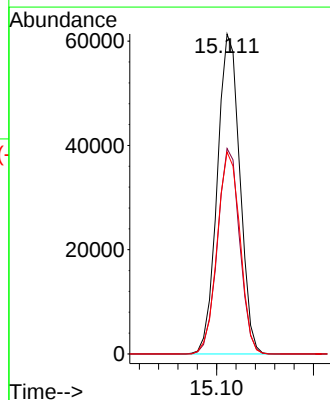
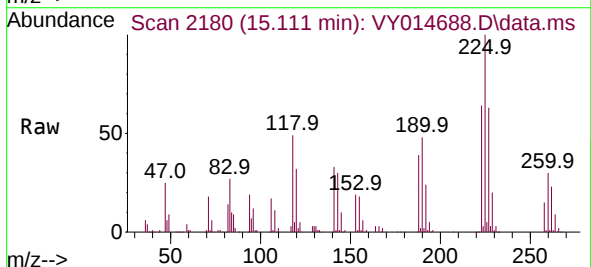
Tgt Ion:225 Resp: 99139

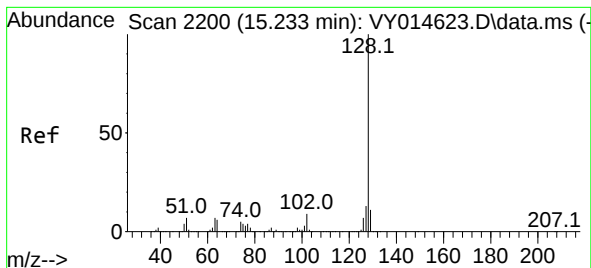
Ion Ratio Lower Upper

225 100

223 63.1 31.9 95.9

227 63.9 33.0 98.9





#95

Naphthalene

Concen: 53.082 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

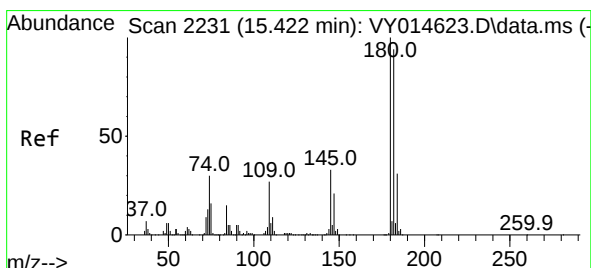
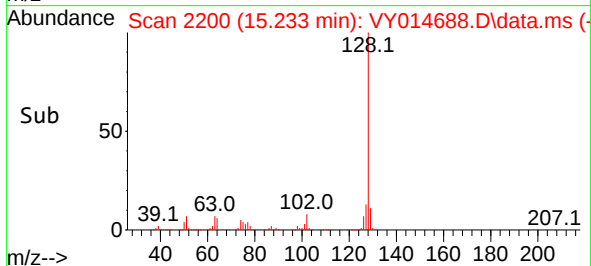
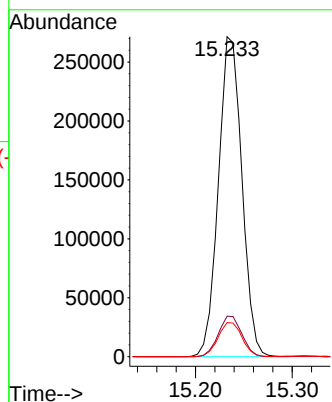
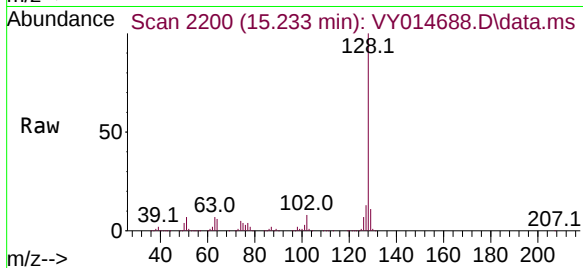
Tgt Ion:	128	Resp:	45815
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.8	16.2
129	10.9	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#96

1,2,3-Trichlorobenzene

Concen: 51.492 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

Tgt Ion:	180	Resp:	169539
Ion Ratio	Lower	Upper	
180	100		
182	95.2	47.3	141.8
145	33.7	15.4	46.2

