

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071323\
 Data File : VY014625.D
 Acq On : 13 Jul 2023 11:05
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 14 02:00:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 01:52:00 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	348803	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	577077	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	501847	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	236903	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	585307	147.256	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 294.520%#			
35) Dibromofluoromethane	7.710	113	535540	145.783	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 291.560%#			
50) Toluene-d8	10.179	98	1910162	141.039	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 282.080%#			
62) 4-Bromofluorobenzene	12.477	95	733073	141.163	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 282.320%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	387412	136.329	ug/l	98
3) Chloromethane	2.107	50	437684	137.016	ug/l	98
4) Vinyl Chloride	2.241	62	495491	138.790	ug/l	98
6) Chloroethane	2.765	64	301893	135.377	ug/l	97
7) Trichlorofluoromethane	3.107	101	857323	142.984	ug/l	99
8) Diethyl Ether	3.521	74	321575	144.145	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.881	101	533697	145.220	ug/l	95
10) Methyl Iodide	4.076	142	593099	147.392	ug/l	96
11) Tert butyl alcohol	4.954	59	500360	748.646	ug/l #	85
12) 1,1-Dichloroethene	3.857	96	493499	143.676	ug/l	93
13) Acrolein	3.716	56	391142	941.515	ug/l	100
14) Allyl chloride	4.466	41	875287	143.520	ug/l	96
15) Acrylonitrile	5.155	53	901923	733.149	ug/l	99
16) Acetone	3.942	43	858844	681.867	ug/l	93
17) Carbon Disulfide	4.180	76	1367968	139.109	ug/l	99
18) Methyl Acetate	4.466	43	721655	149.301	ug/l	95
19) Methyl tert-butyl Ether	5.210	73	1629727	146.064	ug/l	99
20) Methylene Chloride	4.704	84	565060	146.224	ug/l	93
21) trans-1,2-Dichloroethene	5.204	96	551688	141.532	ug/l	99
22) Diisopropyl ether	6.112	45	1810790	146.040	ug/l	92
23) Vinyl Acetate	6.051	43	5446499	734.023	ug/l	96
24) 1,1-Dichloroethane	6.003	63	1025033	144.480	ug/l	97
25) 2-Butanone	6.978	43	1298937	704.906	ug/l	95
26) 2,2-Dichloropropane	6.972	77	938034	138.730	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	646763	142.546	ug/l	97
28) Bromochloromethane	7.326	49	434633	142.245	ug/l	98
29) Tetrahydrofuran	7.338	42	835039	735.940	ug/l	95
30) Chloroform	7.496	83	1049162	143.406	ug/l	95
31) Cyclohexane	7.777	56	886109	134.297	ug/l	95
32) 1,1,1-Trichloroethane	7.691	97	959638	145.741	ug/l	99
36) 1,1-Dichloropropene	7.911	75	793389	144.419	ug/l	99
37) Ethyl Acetate	7.069	43	559843	148.014	ug/l #	95
38) Carbon Tetrachloride	7.893	117	852181	146.744	ug/l	98
39) Methylcyclohexane	9.179	83	1020817	142.628	ug/l	97
40) Benzene	8.155	78	2219783	142.073	ug/l	100
41) Methacrylonitrile	7.313	41	299074m	149.523	ug/l	

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Manual Integrations APPROVED

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 Supervised By : Mahesh Dadoda 07/14/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.234	62	731640	147.873	ug/l	95
43) Isopropyl Acetate	8.270	43	1066678	148.046	ug/l	97
44) Trichloroethene	8.935	130	624635	142.887	ug/l	99
45) 1,2-Dichloropropane	9.209	63	583415	142.999	ug/l	98
46) Dibromomethane	9.301	93	356062	143.861	ug/l	95
47) Bromodichloromethane	9.490	83	848301	145.421	ug/l	99
48) Methyl methacrylate	9.289	41	483717	149.200	ug/l	94
49) 1,4-Dioxane	9.295	88	119756	2967.364	ug/l #	45
51) 4-Methyl-2-Pentanone	10.069	43	2731477	722.043	ug/l	94
52) Toluene	10.240	92	1407343	140.763	ug/l	93
53) t-1,3-Dichloropropene	10.459	75	929558	145.680	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	997006	143.683	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	501174	145.367	ug/l	97
56) Ethyl methacrylate	10.508	69	772495	146.751	ug/l	94
57) 1,3-Dichloropropane	10.788	76	855880	143.930	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	1745270	711.567	ug/l	95
59) 2-Hexanone	10.831	43	1995130	723.199	ug/l	93
60) Dibromochloromethane	10.983	129	614305	145.327	ug/l	100
61) 1,2-Dibromoethane	11.087	107	497034	144.513	ug/l	100
64) Tetrachloroethene	10.715	164	546037	135.286	ug/l	98
65) Chlorobenzene	11.514	112	1528763	142.952	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	575589	142.749	ug/l	99
67) Ethyl Benzene	11.587	91	2712251	140.469	ug/l	98
68) m/p-Xylenes	11.703	106	2075870	281.644	ug/l	96
69) o-Xylene	12.026	106	1014426	141.305	ug/l	99
70) Styrene	12.038	104	1699869	140.490	ug/l	99
71) Bromoform	12.203	173	398537	145.817	ug/l #	100
73) Isopropylbenzene	12.325	105	2680365	144.497	ug/l	99
74) N-amyl acetate	12.142	43	948855	152.731	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	628884	148.668	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	440574m	145.322	ug/l	
77) Bromobenzene	12.605	156	619539	146.316	ug/l	92
78) n-propylbenzene	12.666	91	3208361	143.535	ug/l	99
79) 2-Chlorotoluene	12.751	91	1873221	145.497	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	2226072	143.695	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	235974	152.702	ug/l	95
82) 4-Chlorotoluene	12.849	91	1919921	144.795	ug/l	98
83) tert-Butylbenzene	13.068	119	1997624	145.366	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	2171313	142.820	ug/l	99
85) sec-Butylbenzene	13.251	105	2882320	142.981	ug/l	100
86) p-Isopropyltoluene	13.367	119	2335986	141.928	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	1176551	142.769	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	1190339	144.142	ug/l	98
89) n-Butylbenzene	13.690	91	2303273	143.838	ug/l	95
90) Hexachloroethane	13.958	117	494909	146.394	ug/l	89
91) 1,2-Dichlorobenzene	13.733	146	1092720	144.725	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	122749	151.735	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	728944	152.089	ug/l	98
94) Hexachlorobutadiene	15.111	225	387455	147.106	ug/l	98
95) Naphthalene	15.233	128	1747562	156.503	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	657243	154.296	ug/l	99

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ClientSampleId :
VSTDICC150

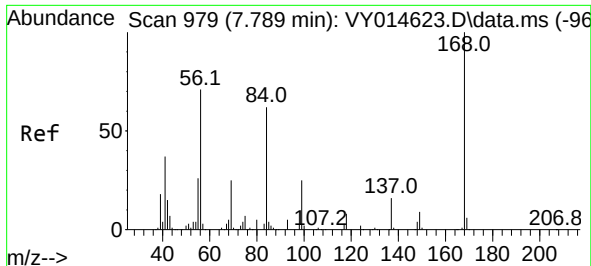
Manual Integrations
APPROVED

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

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Quant Title : SW846 8260
QLast Update : Fri Jul 14 01:52:00 2023
Response via : Initial Calibration

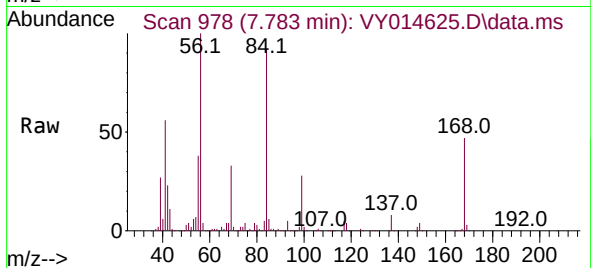
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
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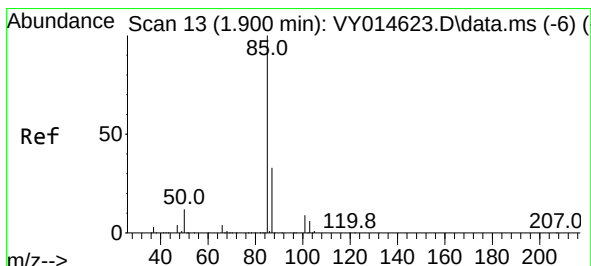
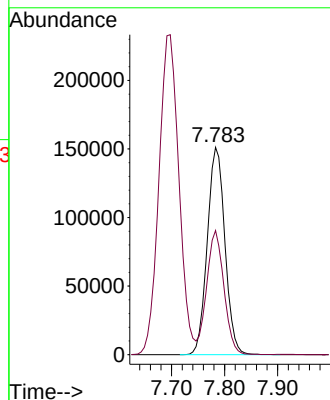
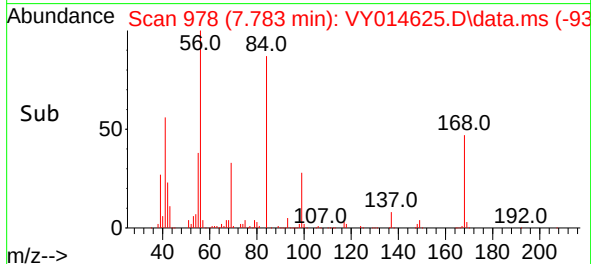
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion:168 Resp: 34880
Ion Ratio Lower Upper
168 100
99 59.7 43.4 65.0

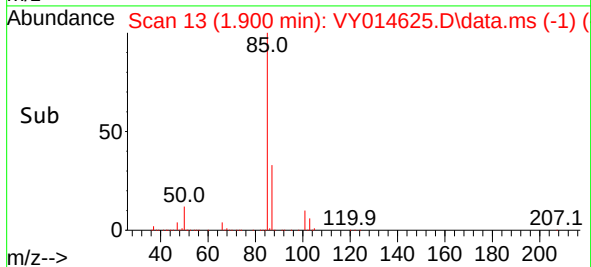
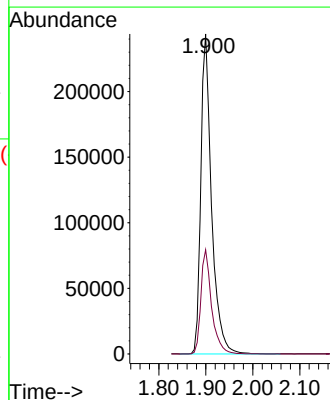
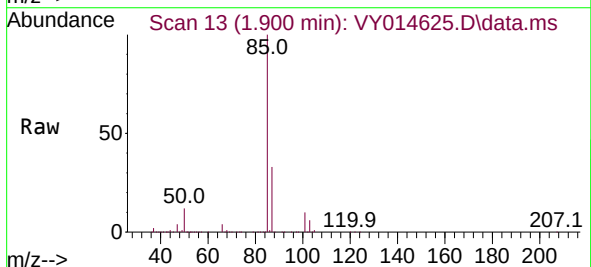
Manual Integrations
APPROVED

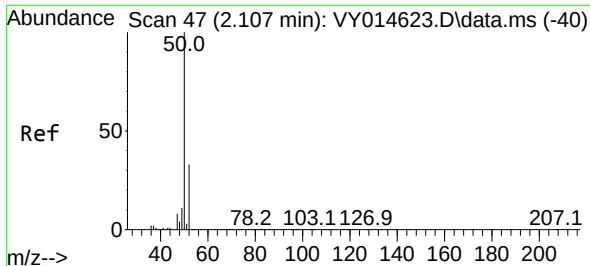
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#2
Dichlorodifluoromethane
Concen: 136.329 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

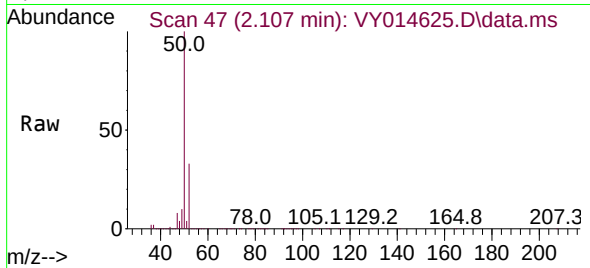
Tgt Ion: 85 Resp: 387412
Ion Ratio Lower Upper
85 100
87 32.6 15.6 46.8





#3
Chloromethane
Concen: 137.016 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

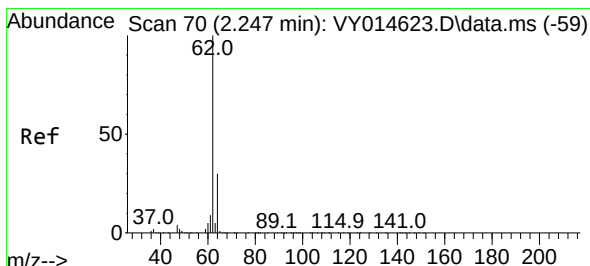
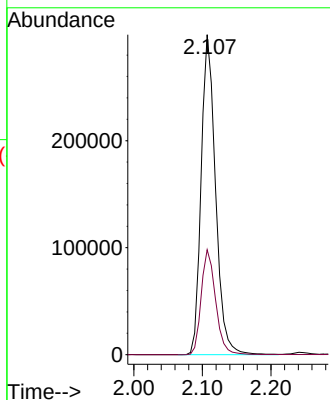
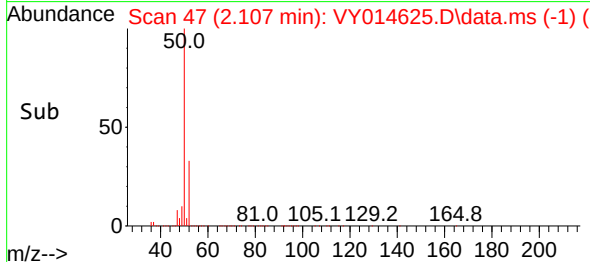
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



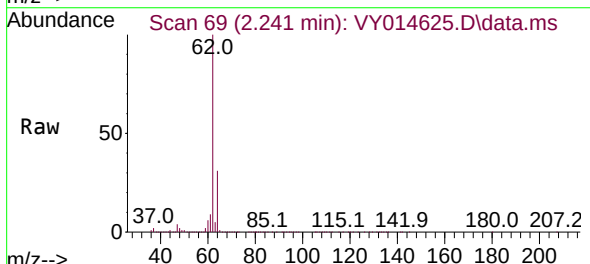
Tgt Ion: 50 Resp: 437684
Ion Ratio Lower Upper
50 100
52 32.8 25.4 38.2

Manual Integrations
APPROVED

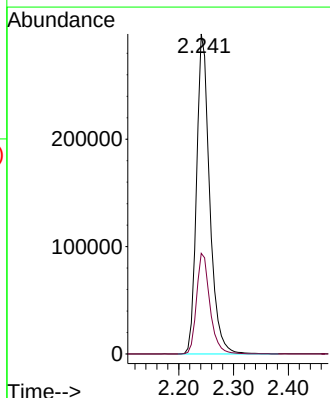
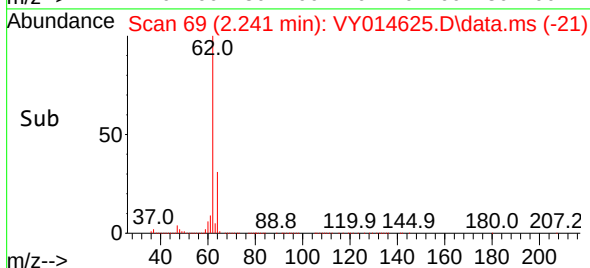
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

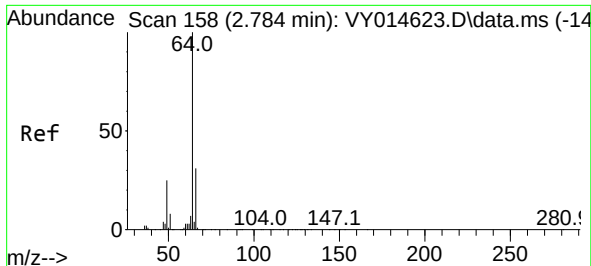


#4
Vinyl Chloride
Concen: 138.790 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.006 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05



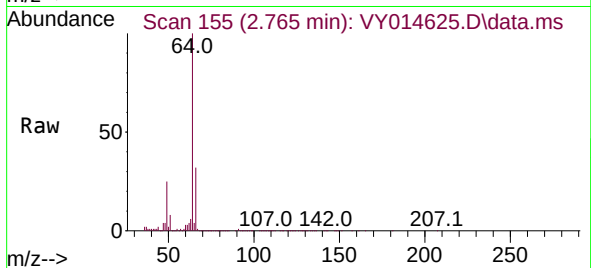
Tgt Ion: 62 Resp: 495491
Ion Ratio Lower Upper
62 100
64 31.4 24.3 36.5





#6
Chloroethane
Concen: 135.377 ug/l
RT: 2.765 min Scan# 11
Delta R.T. -0.019 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

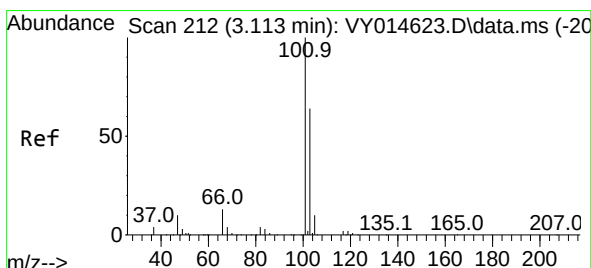
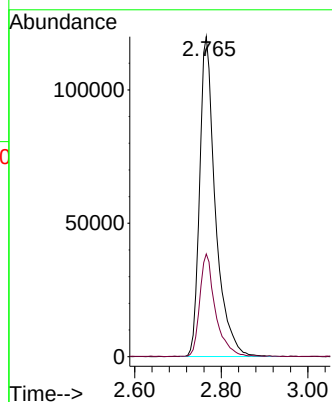
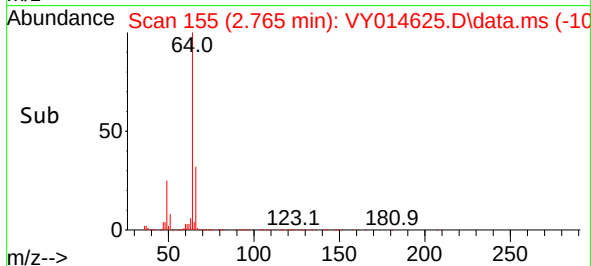
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 64 Resp: 30189
Ion Ratio Lower Upper
64 100
66 32.0 24.4 36.6

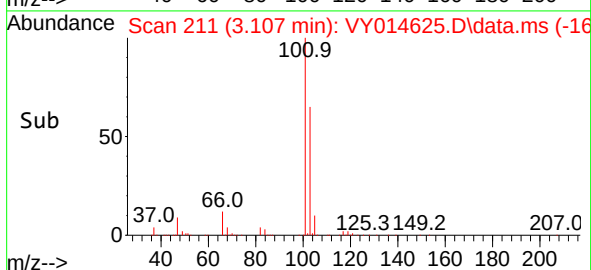
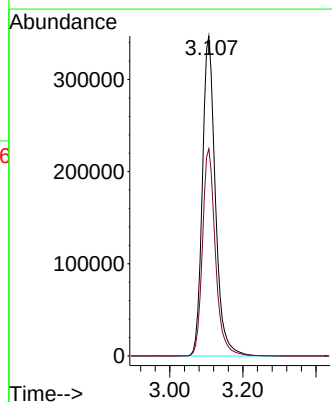
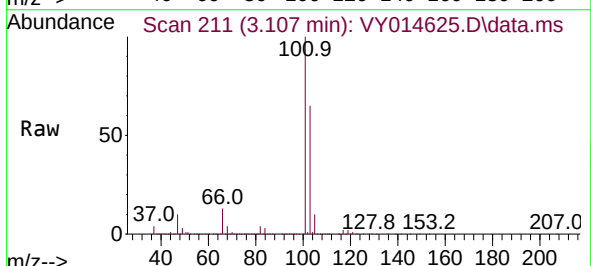
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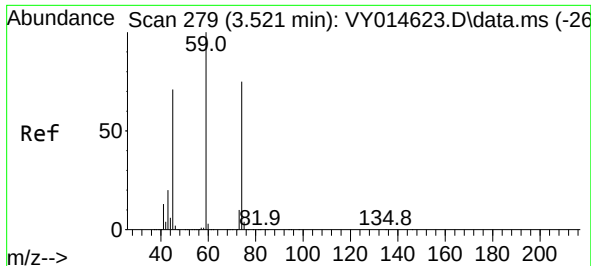
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#7
Trichlorofluoromethane
Concen: 142.984 ug/l
RT: 3.107 min Scan# 211
Delta R.T. -0.006 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

Tgt Ion:101 Resp: 857323
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.0





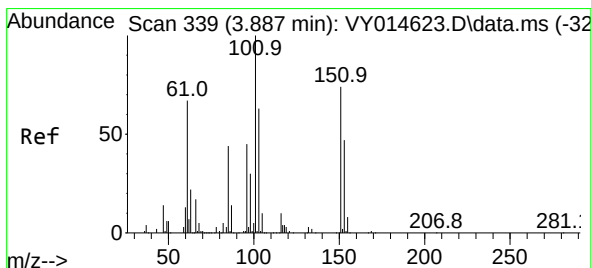
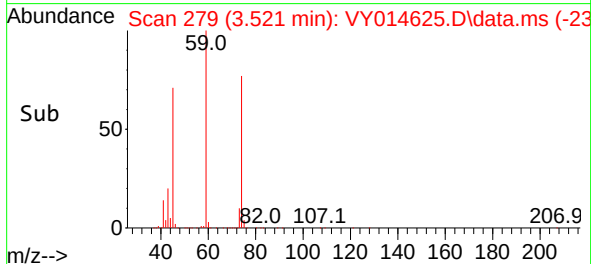
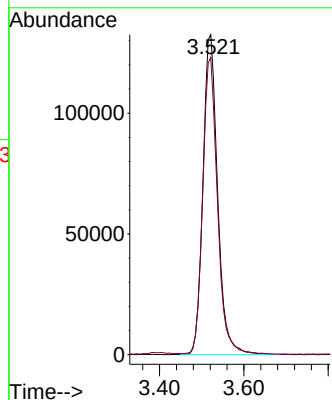
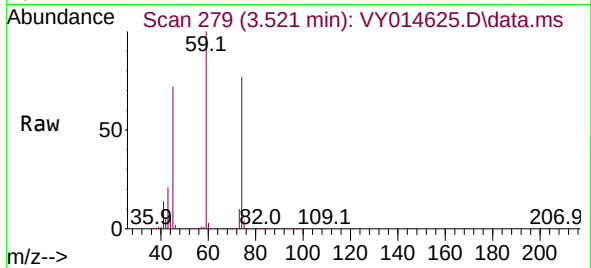
#8
Diethyl Ether
Concen: 144.145 ug/l
RT: 3.521 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 74 Resp: 32157
Ion Ratio Lower Upper
74 100
45 93.1 51.5 154.5

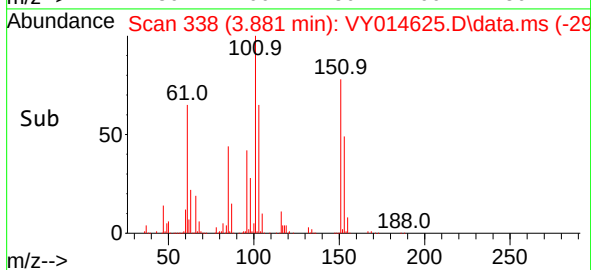
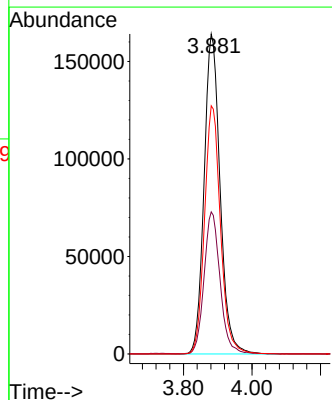
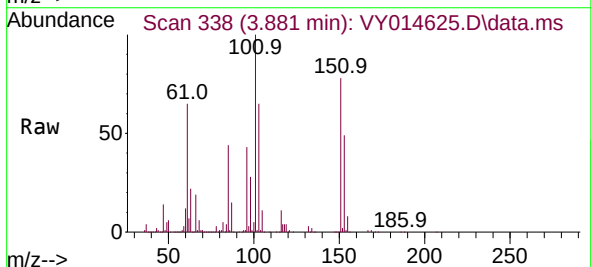
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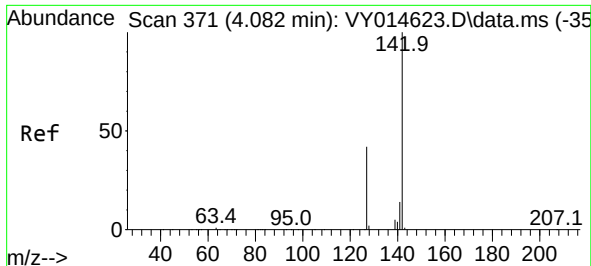
Reviewed By :John Carlone 07/14/2023
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#9
1,1,2-Trichlorotrifluoroethane
Concen: 145.220 ug/l
RT: 3.881 min Scan# 338
Delta R.T. -0.006 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

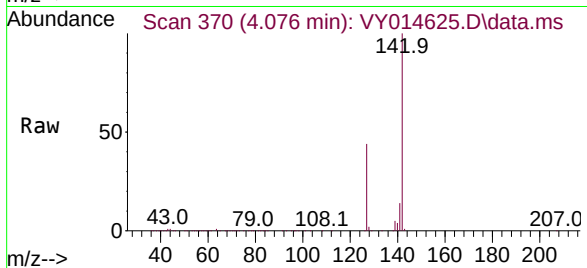
Tgt Ion:101 Resp: 533697
Ion Ratio Lower Upper
101 100
85 44.3 36.6 55.0
151 77.4 67.0 100.6





#10
Methyl Iodide
Concen: 147.392 ug/l
RT: 4.076 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

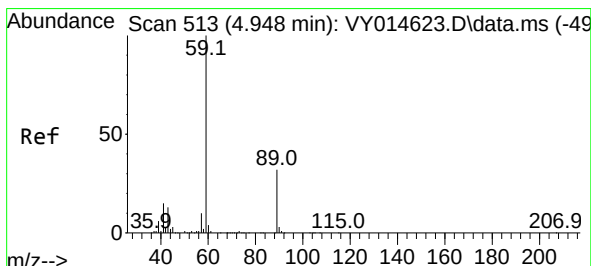
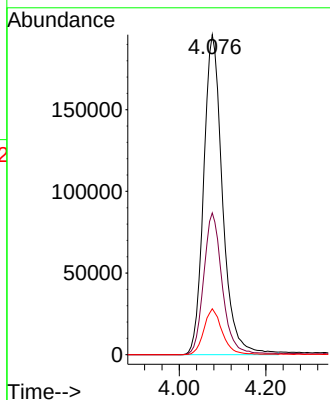
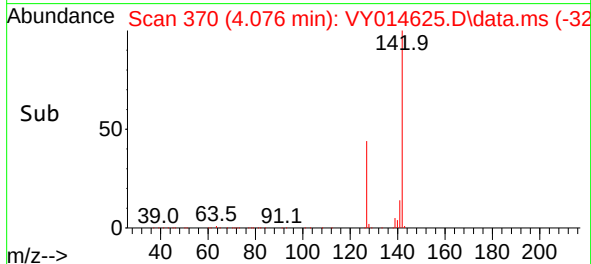
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion:142 Resp: 593099
Ion Ratio Lower Upper
142 100
127 43.9 37.6 56.4
141 14.0 11.8 17.8

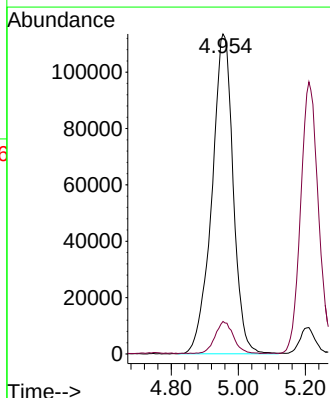
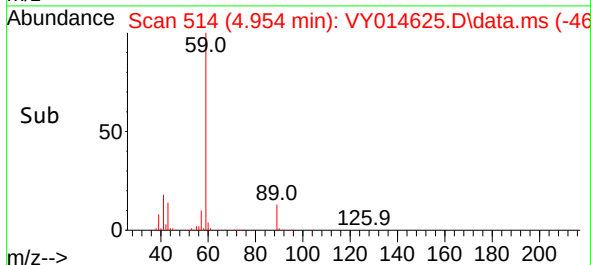
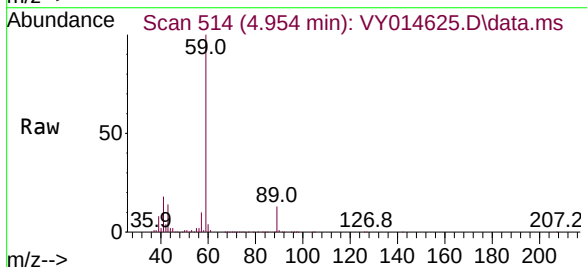
Manual Integrations
APPROVED

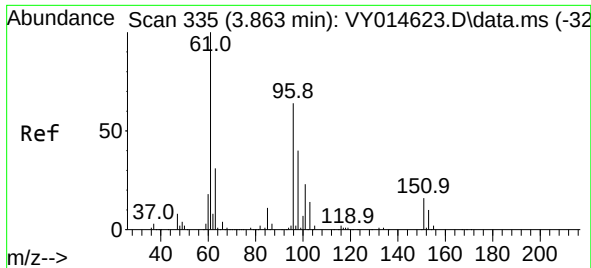
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#11
Tert butyl alcohol
Concen: 748.646 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

Tgt Ion: 59 Resp: 500360
Ion Ratio Lower Upper
59 100
57 8.6 3.0 4.4#





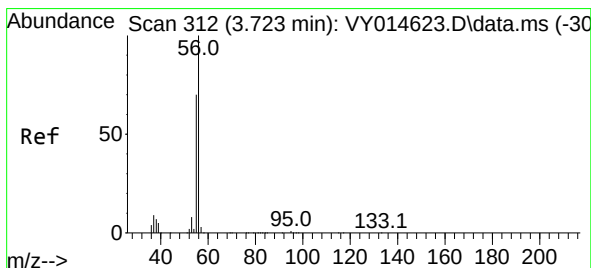
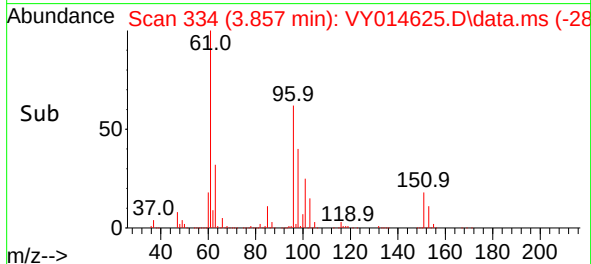
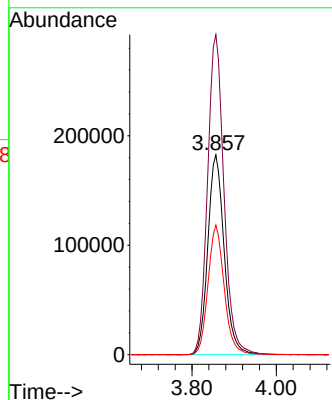
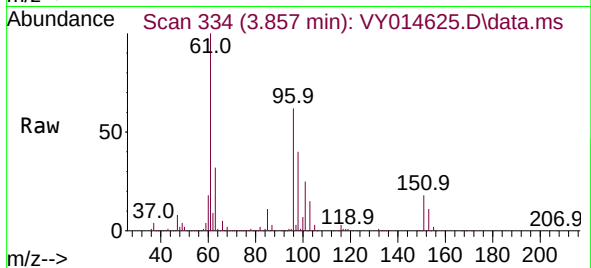
#12
1,1-Dichloroethene
Concen: 143.676 ug/l
RT: 3.857 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 96 Resp: 493499
Ion Ratio Lower Upper
96 100
61 160.2 136.4 204.6
98 64.8 49.4 74.2

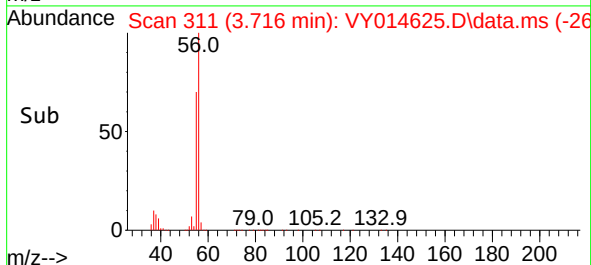
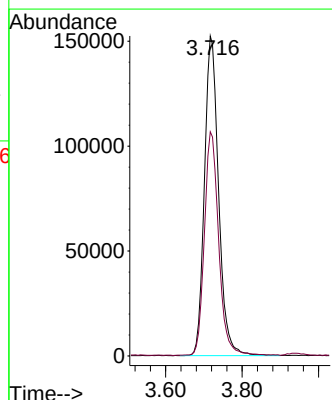
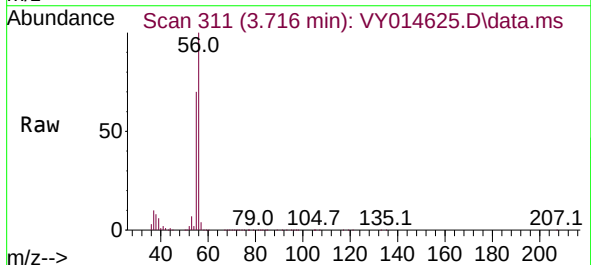
Manual Integrations
APPROVED

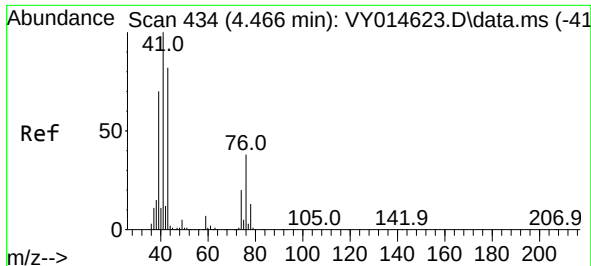
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#13
Acrolein
Concen: 941.515 ug/l
RT: 3.716 min Scan# 311
Delta R.T. -0.007 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

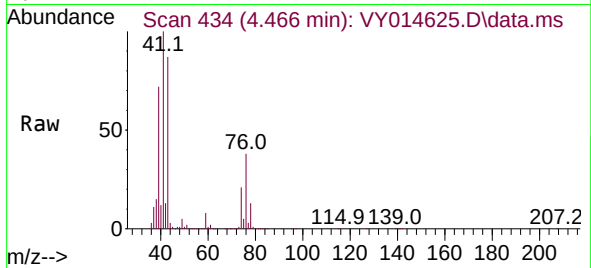
Tgt Ion: 56 Resp: 391142
Ion Ratio Lower Upper
56 100
55 70.9 57.0 85.4





#14
 Allyl chloride
 Concen: 143.520 ug/l
 RT: 4.466 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VY014625.D
 Acq: 13 Jul 2023 11:05

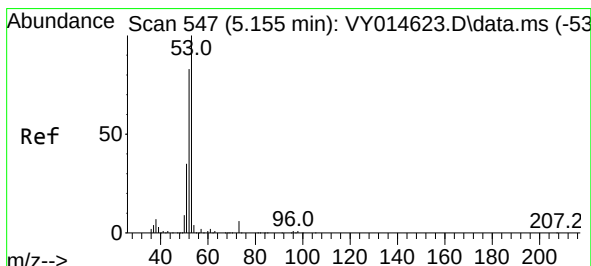
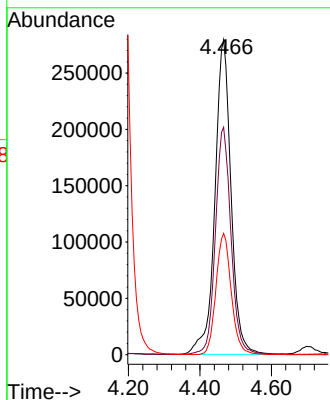
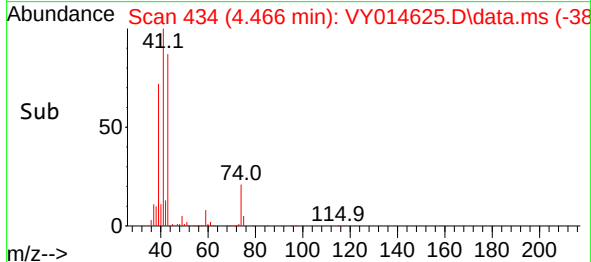
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150



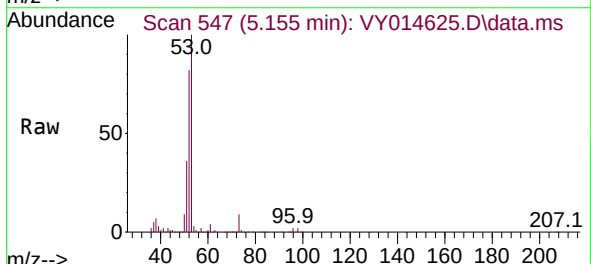
Tgt Ion: 41 Resp: 87528
 Ion Ratio Lower Upper
 41 100
 39 69.5 58.0 87.0
 76 36.6 27.4 41.2

Manual Integrations
 APPROVED

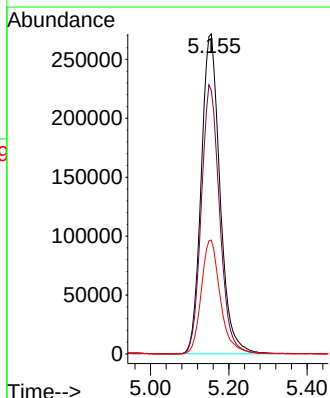
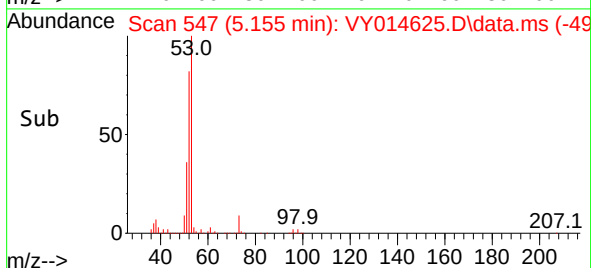
Reviewed By :John Carlone 07/14/2023
 Supervised By :Mahesh Dadoda 07/14/2023

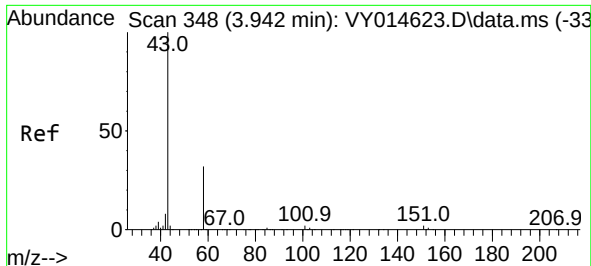


#15
 Acrylonitrile
 Concen: 733.149 ug/l
 RT: 5.155 min Scan# 547
 Delta R.T. 0.000 min
 Lab File: VY014625.D
 Acq: 13 Jul 2023 11:05



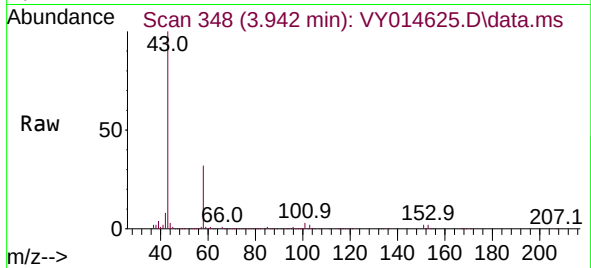
Tgt Ion: 53 Resp: 901923
 Ion Ratio Lower Upper
 53 100
 52 82.5 66.9 100.3
 51 36.4 29.8 44.6





#16
Acetone
Concen: 681.867 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

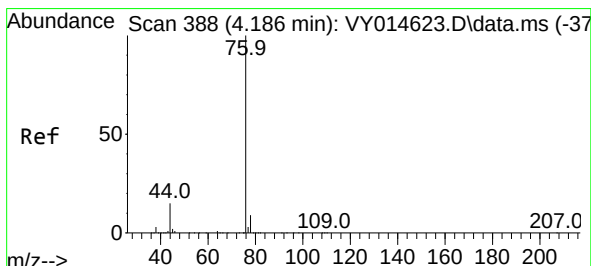
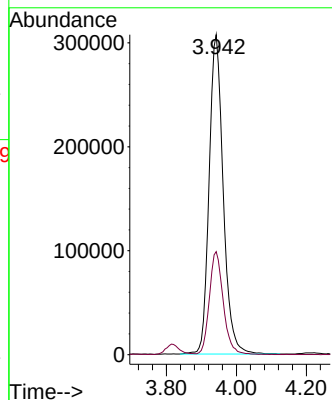
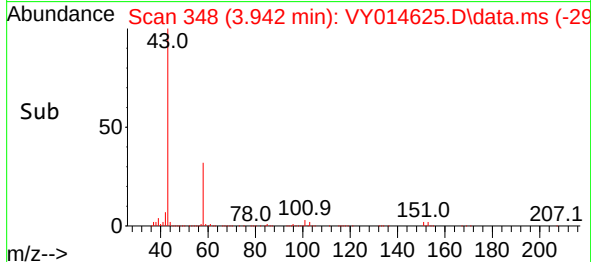
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



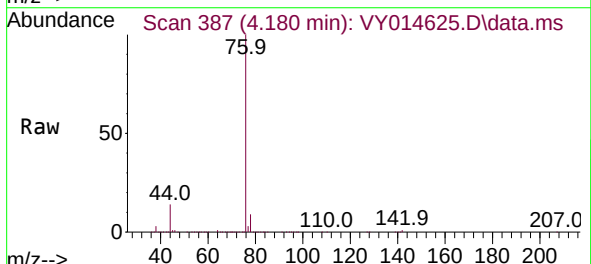
Tgt Ion: 43 Resp: 858844
Ion Ratio Lower Upper
43 100
58 32.2 22.7 34.1

Manual Integrations
APPROVED

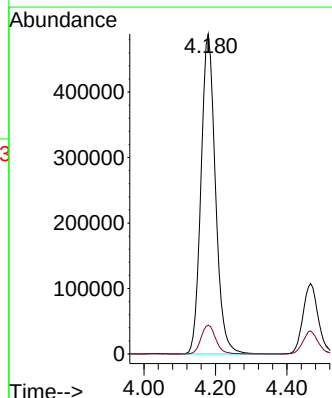
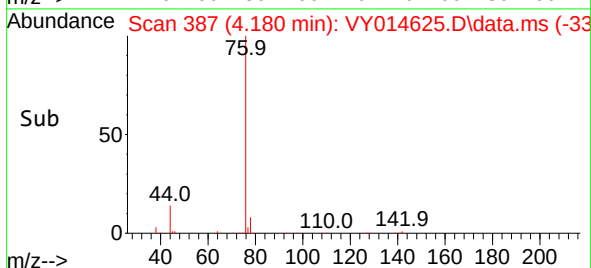
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

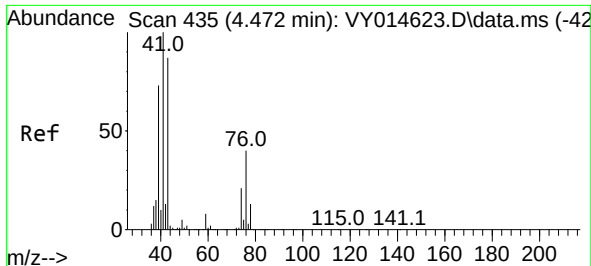


#17
Carbon Disulfide
Concen: 139.109 ug/l
RT: 4.180 min Scan# 387
Delta R.T. -0.006 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05



Tgt Ion: 76 Resp: 1367968
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4





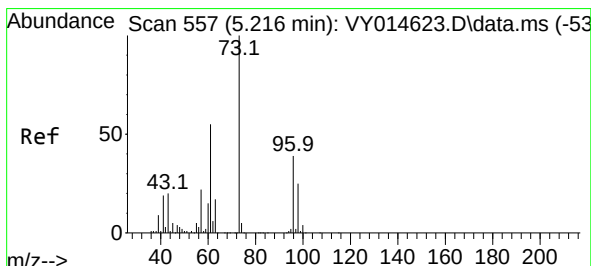
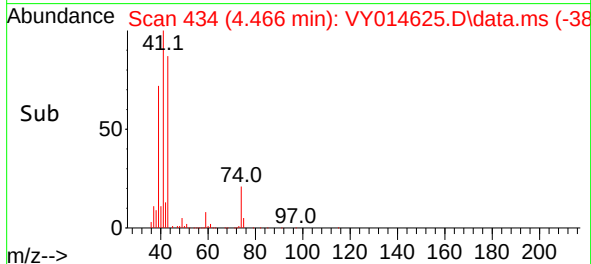
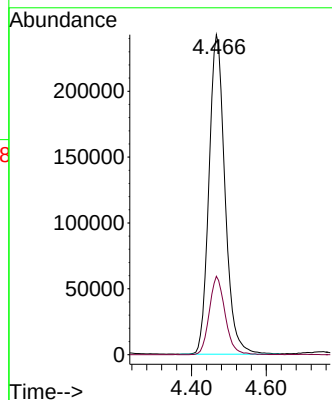
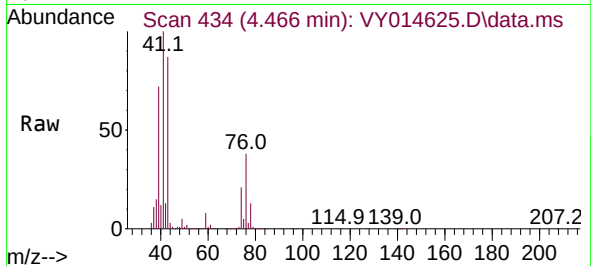
#18
Methyl Acetate
Concen: 149.301 ug/l
RT: 4.466 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 72165
Ion Ratio Lower Upper
43 100
74 24.2 17.4 26.0

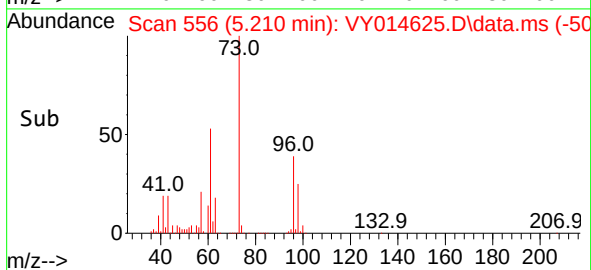
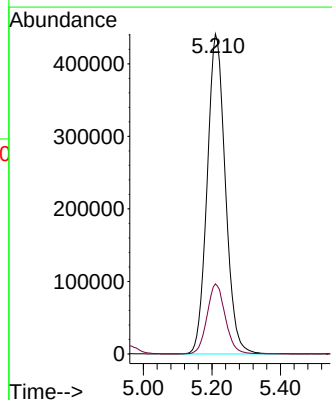
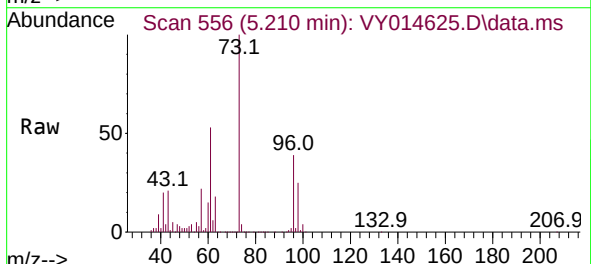
Manual Integrations
APPROVED

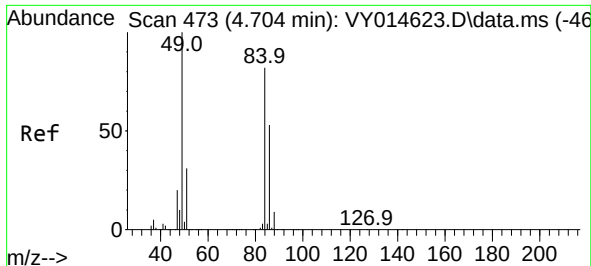
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#19
Methyl tert-butyl Ether
Concen: 146.064 ug/l
RT: 5.210 min Scan# 556
Delta R.T. -0.006 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

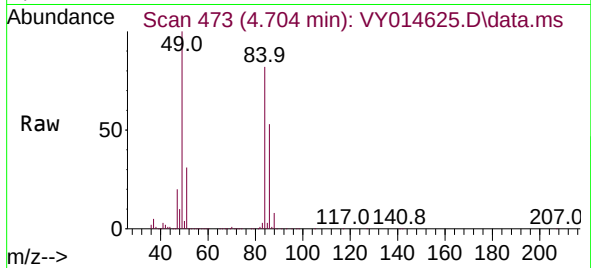
Tgt Ion: 73 Resp: 1629727
Ion Ratio Lower Upper
73 100
57 21.8 17.3 25.9





#20
Methylene Chloride
Concen: 146.224 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

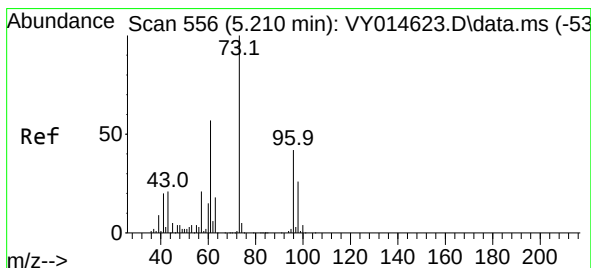
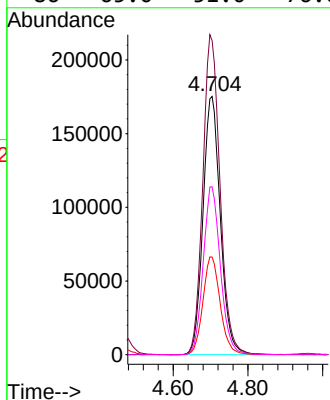
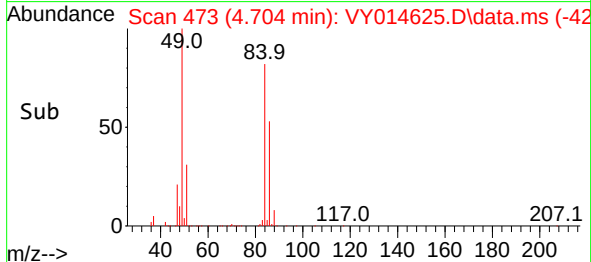
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



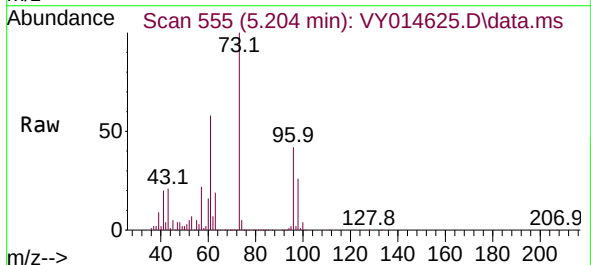
Tgt Ion: 84 Resp: 565060
Ion Ratio Lower Upper
84 100
49 121.6 106.9 160.3
51 37.8 33.2 49.8
86 65.0 51.0 76.6

Manual Integrations
APPROVED

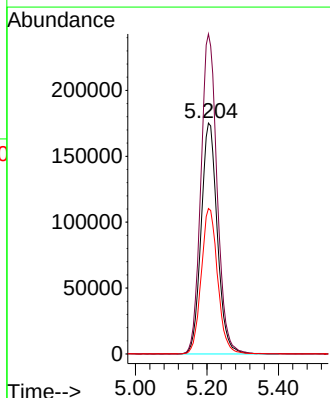
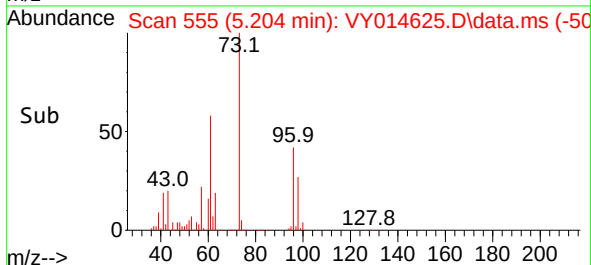
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

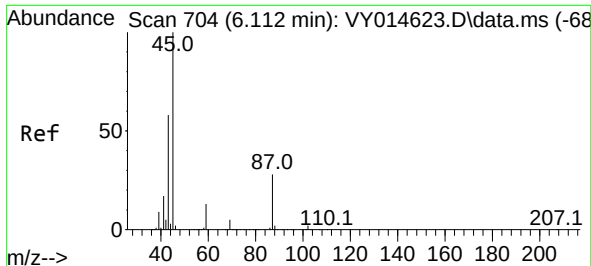


#21
trans-1,2-Dichloroethene
Concen: 141.532 ug/l
RT: 5.204 min Scan# 555
Delta R.T. -0.006 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05



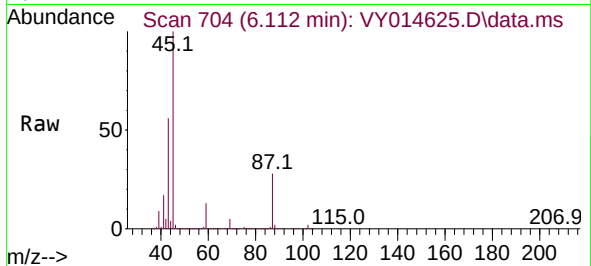
Tgt Ion: 96 Resp: 551688
Ion Ratio Lower Upper
96 100
61 138.6 110.2 165.4
98 62.9 51.8 77.6





#22
Diisopropyl ether
Concen: 146.040 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

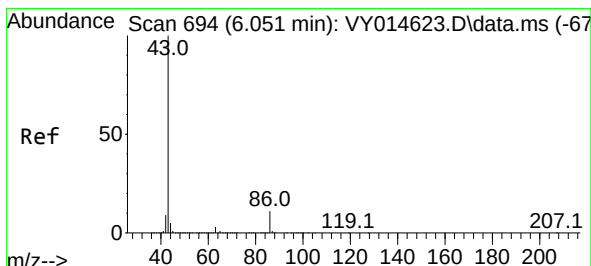
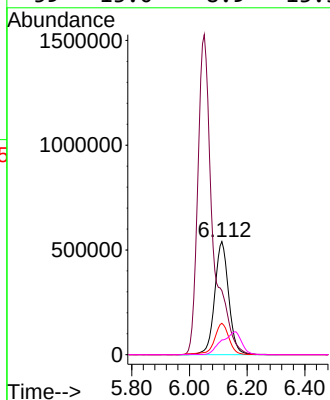
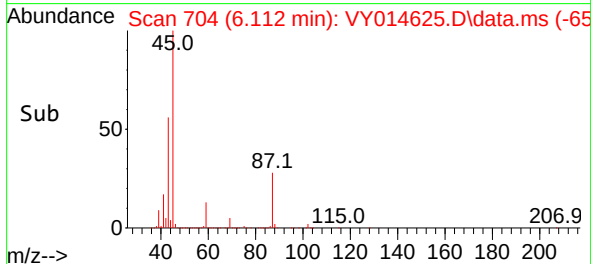
Instrument :
MSVOA_Y
Client Sample Id :
VSTDICC150



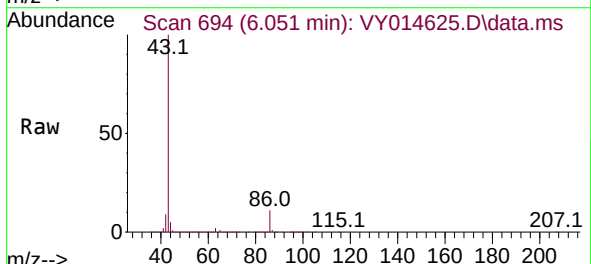
Tgt Ion: 45 Resp: 1810790
Ion Ratio Lower Upper
45 100
43 56.4 52.2 78.4
87 27.8 21.0 31.6
59 13.0 8.9 13.3

Manual Integrations
APPROVED

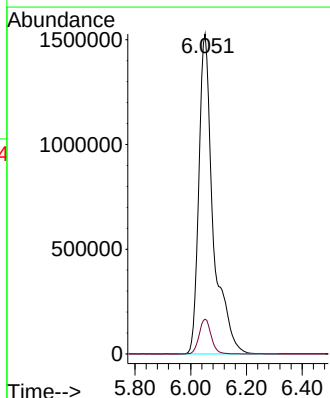
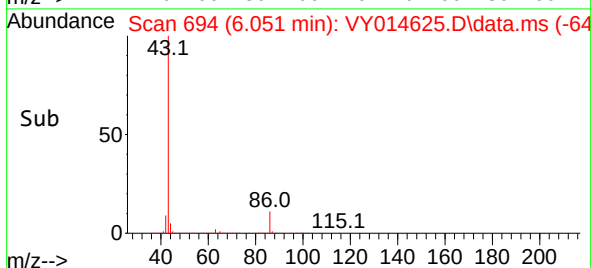
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

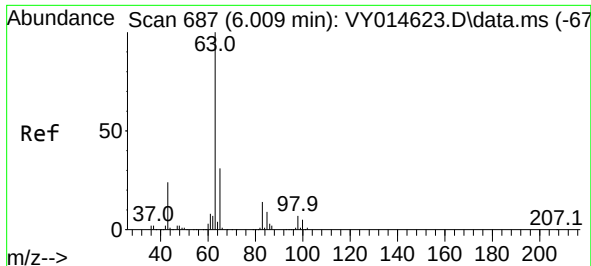


#23
Vinyl Acetate
Concen: 734.023 ug/l
RT: 6.051 min Scan# 694
Delta R.T. 0.000 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05



Tgt Ion: 43 Resp: 5446499
Ion Ratio Lower Upper
43 100
86 10.9 7.5 11.3





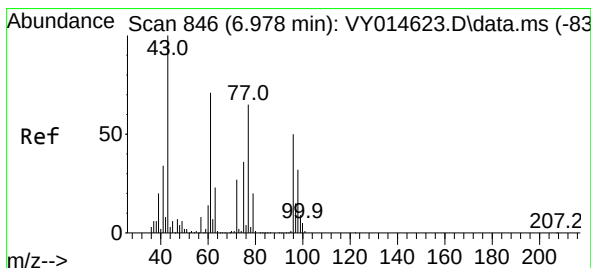
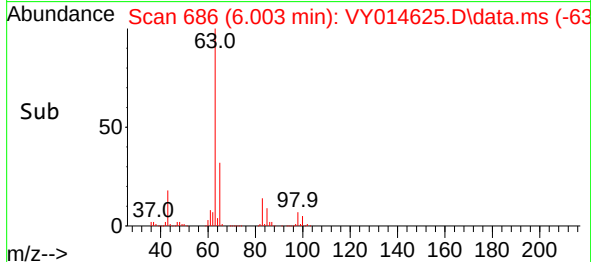
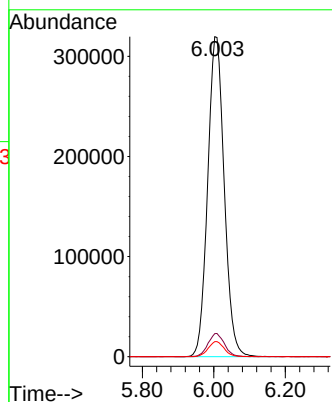
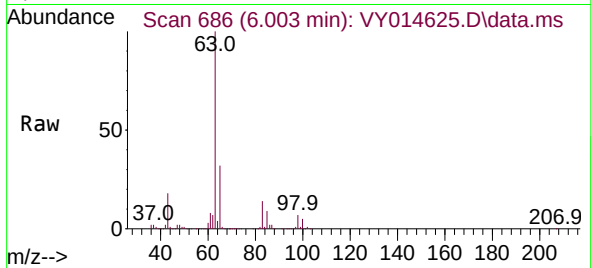
#24
1,1-Dichloroethane
Concen: 144.480 ug/l
RT: 6.003 min Scan# 687
Delta R.T. -0.006 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 63 Resp: 102503
Ion Ratio Lower Upper
63 100
98 7.2 3.1 9.4
100 4.7 1.8 5.5

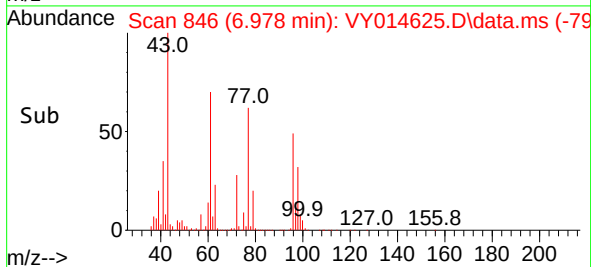
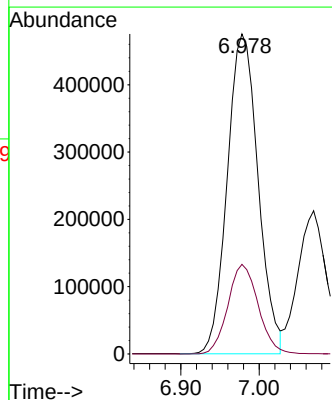
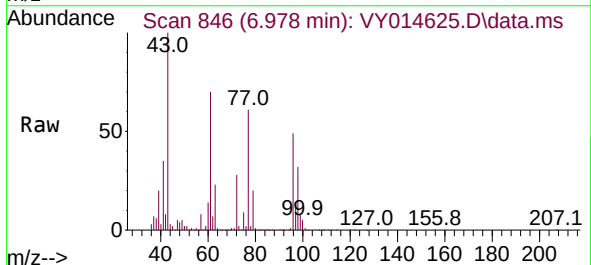
Manual Integrations
APPROVED

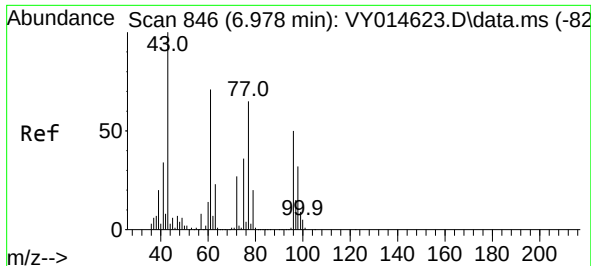
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#25
2-Butanone
Concen: 704.906 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

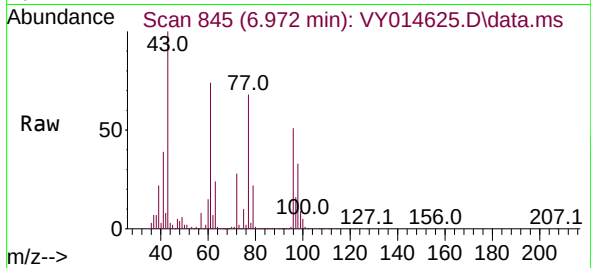
Tgt Ion: 43 Resp: 1298937
Ion Ratio Lower Upper
43 100
72 28.0 20.5 30.7





#26
2,2-Dichloropropane
Concen: 138.730 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

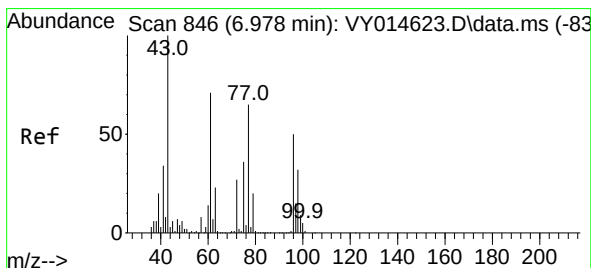
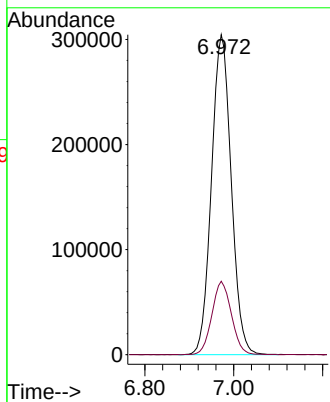
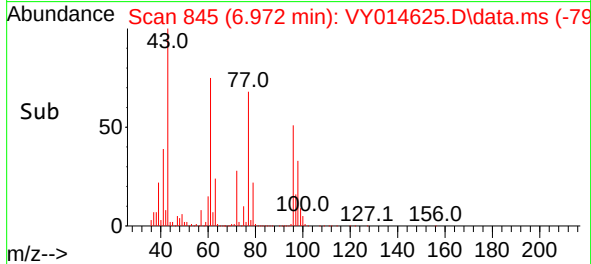
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion: 77 Resp: 938034
Ion Ratio Lower Upper
77 100
97 22.6 10.9 32.9

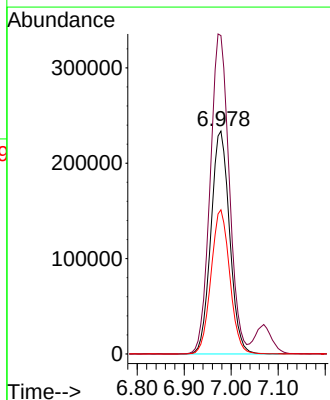
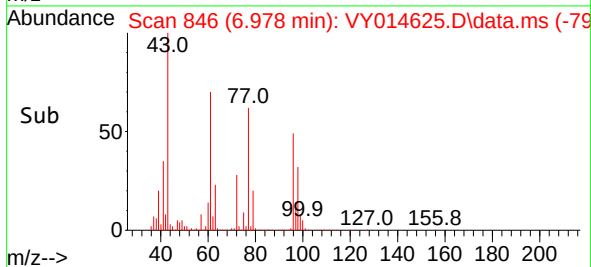
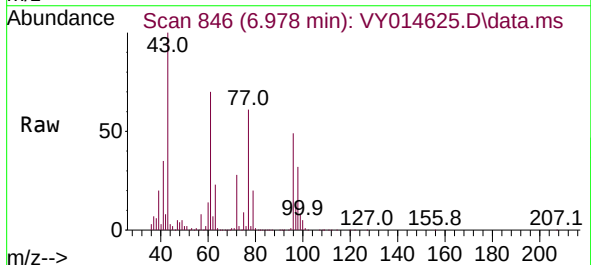
Manual Integrations
APPROVED

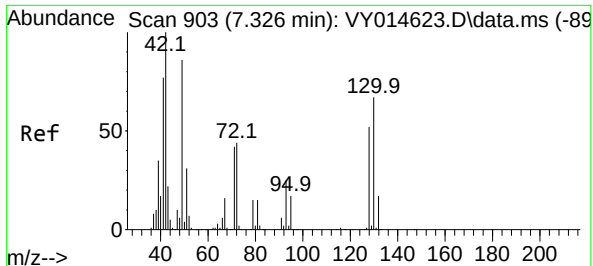
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#27
cis-1,2-Dichloroethene
Concen: 142.546 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

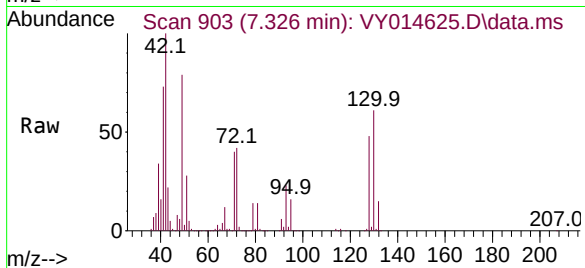
Tgt Ion: 96 Resp: 646763
Ion Ratio Lower Upper
96 100
61 146.0 0.0 301.4
98 64.7 0.0 130.4





#28
Bromochloromethane
Concen: 142.245 ug/l
RT: 7.326 min Scan# 903
Delta R.T. -0.000 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

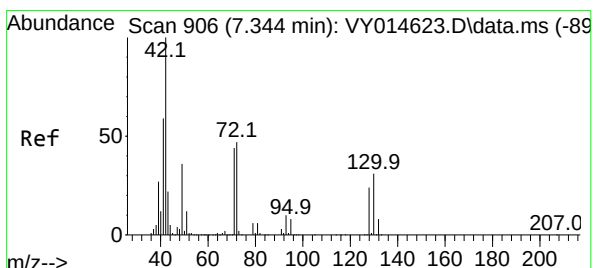
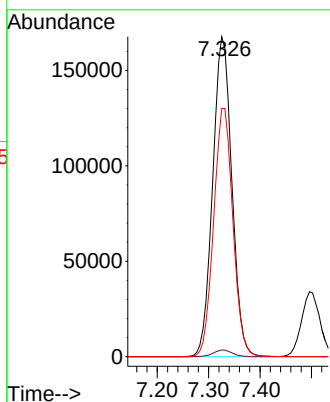
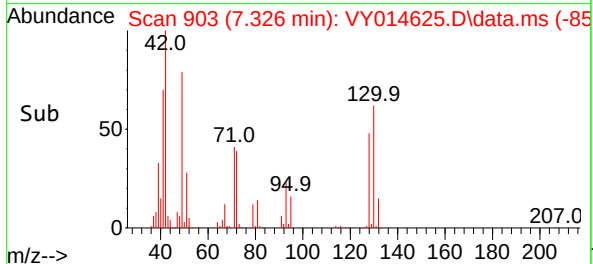
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



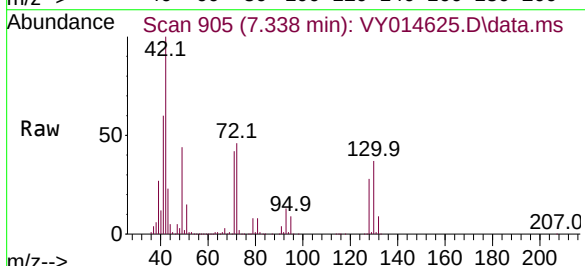
Tgt Ion: 49 Resp: 43463
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.6
130 77.8 60.7 91.1

Manual Integrations
APPROVED

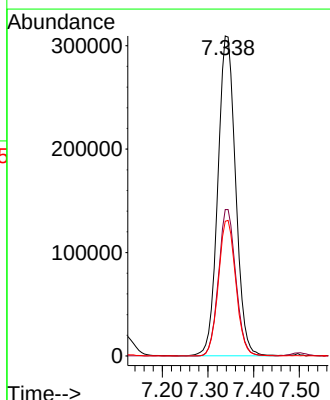
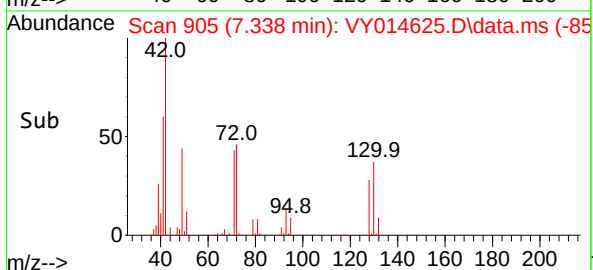
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

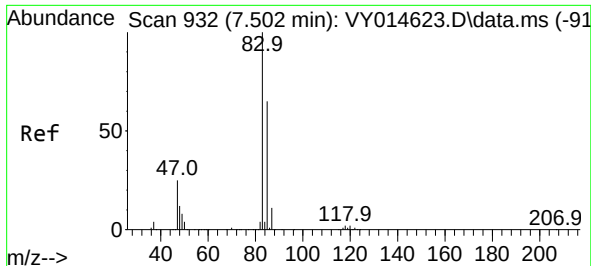


#29
Tetrahydrofuran
Concen: 735.940 ug/l
RT: 7.338 min Scan# 905
Delta R.T. -0.006 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05



Tgt Ion: 42 Resp: 835039
Ion Ratio Lower Upper
42 100
72 44.8 32.8 49.2
71 41.7 31.0 46.4





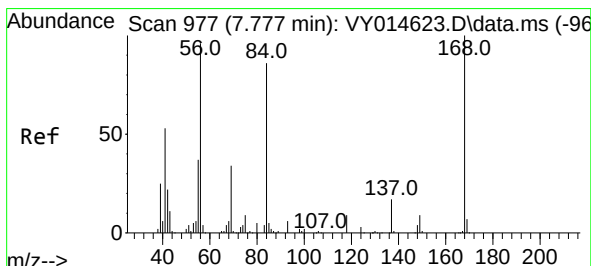
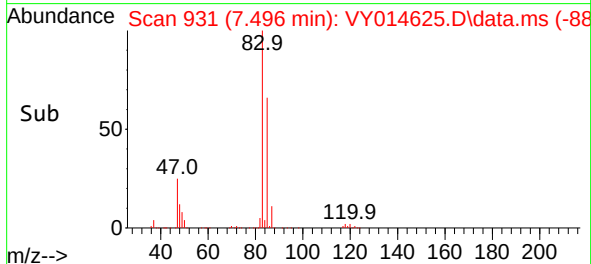
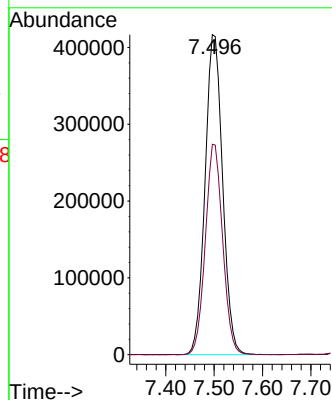
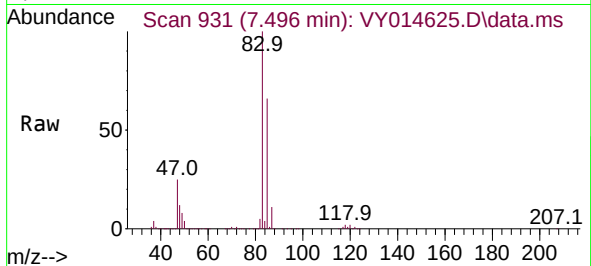
#30
Chloroform
Concen: 143.406 ug/l
RT: 7.496 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 104916
Ion Ratio Lower Upper
83 100
85 65.7 49.7 74.5

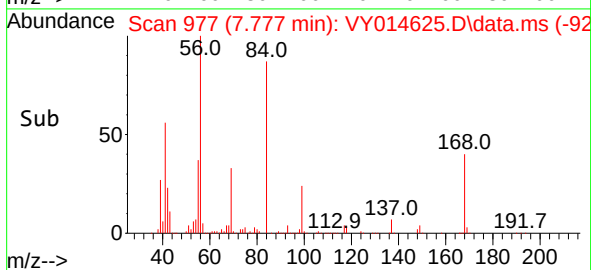
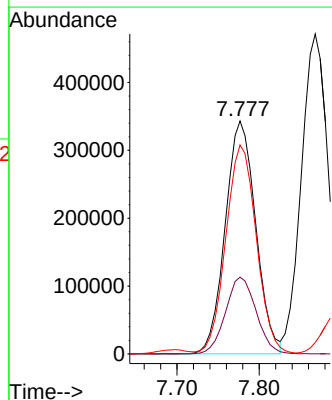
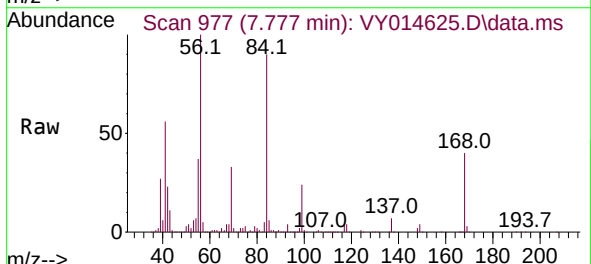
Manual Integrations
APPROVED

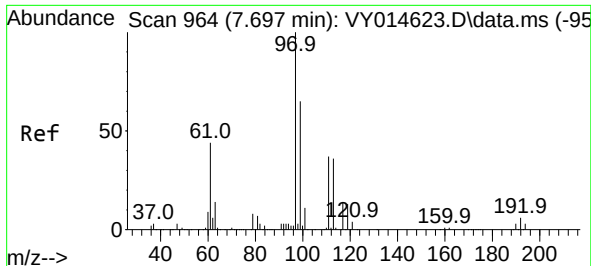
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#31
Cyclohexane
Concen: 134.297 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.000 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

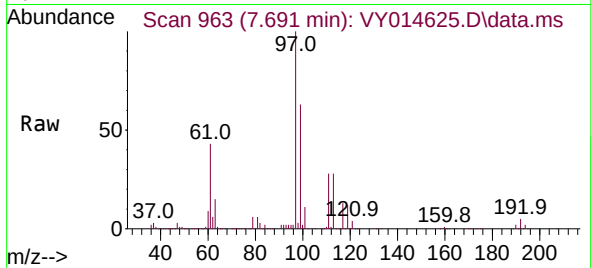
Tgt Ion: 56 Resp: 886109
Ion Ratio Lower Upper
56 100
69 32.9 27.8 41.6
84 88.0 66.4 99.6





#32
1,1,1-Trichloroethane
Concen: 145.741 ug/l
RT: 7.691 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

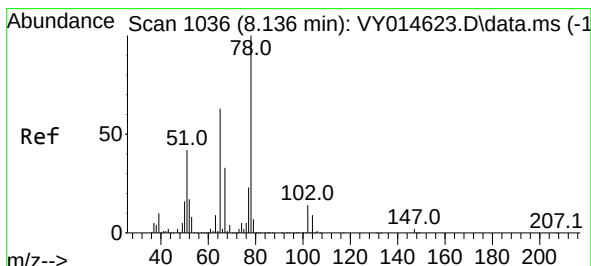
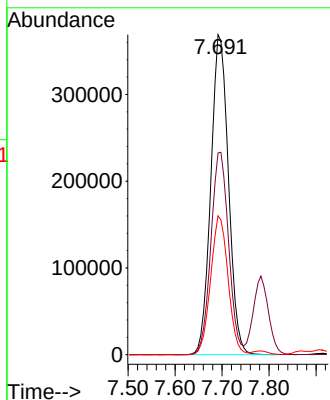
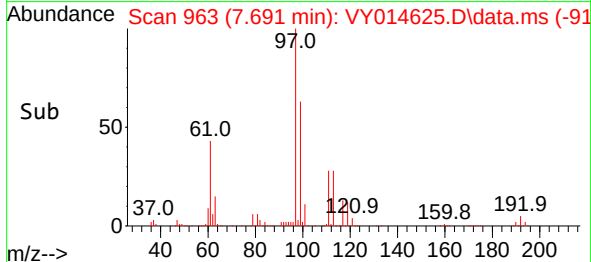
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



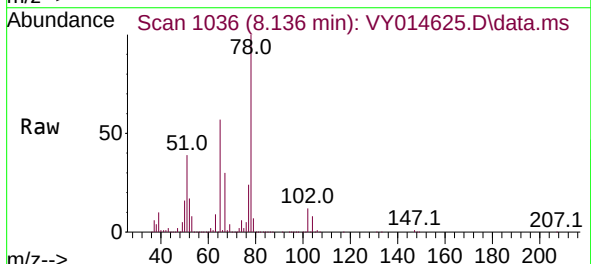
Tgt Ion: 97 Resp: 959638
Ion Ratio Lower Upper
97 100
99 63.8 50.8 76.2
61 43.0 35.1 52.7

Manual Integrations
APPROVED

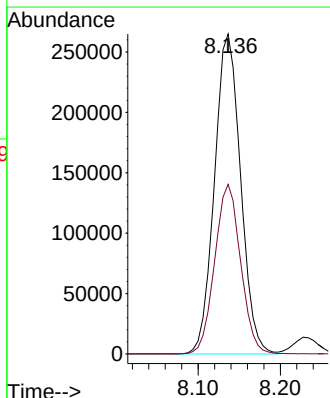
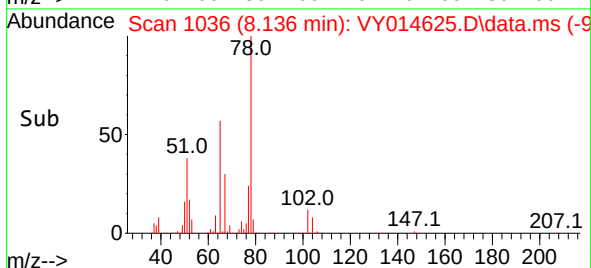
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

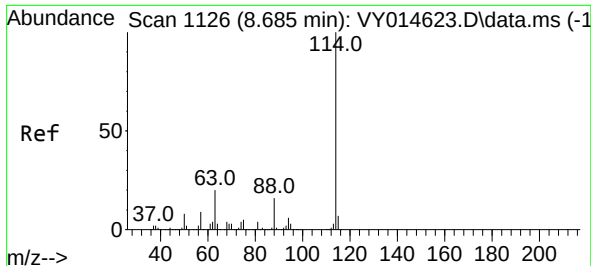


#33
1,2-Dichloroethane-d4
Concen: 147.256 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05



Tgt Ion: 65 Resp: 585307
Ion Ratio Lower Upper
65 100
67 52.6 0.0 101.8





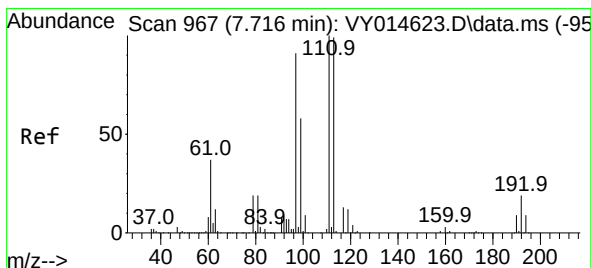
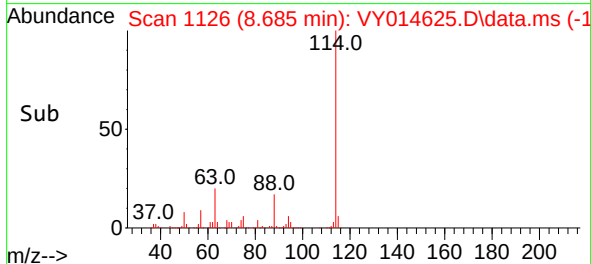
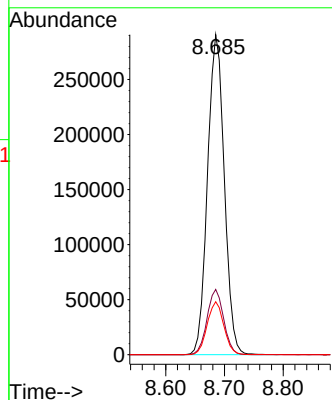
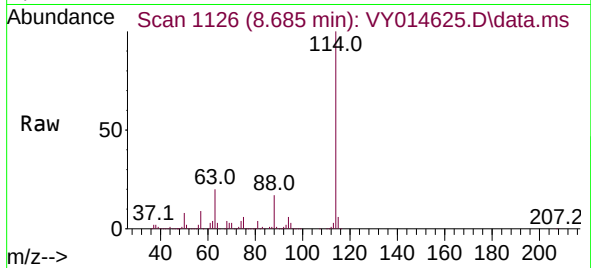
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:114 Resp: 57707
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.4
88 16.5 0.0 30.6

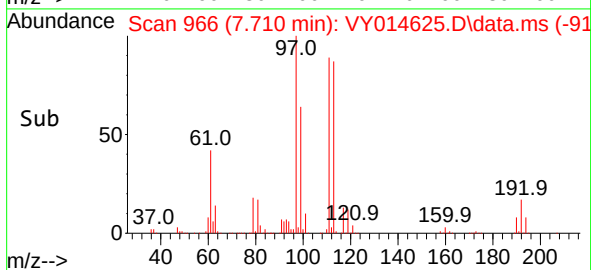
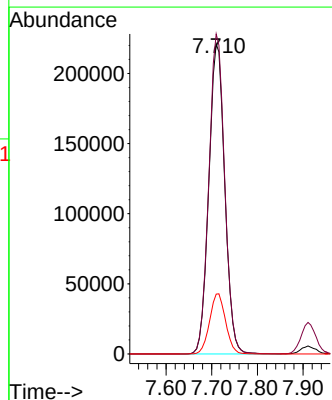
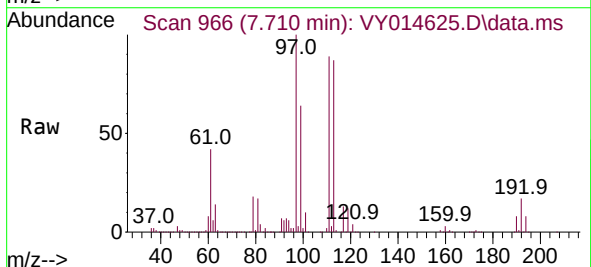
Manual Integrations
APPROVED

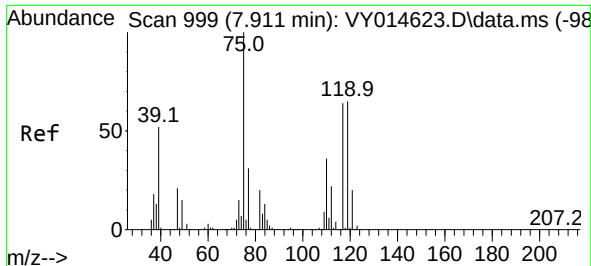
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#35
Dibromofluoromethane
Concen: 145.783 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

Tgt Ion:113 Resp: 535540
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 19.4 16.9 25.3





#36

1,1-Dichloropropene

Concen: 144.419 ug/l

RT: 7.911 min Scan# 999

Delta R.T. -0.000 min

Lab File: VY014625.D

Acq: 13 Jul 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 75 Resp: 793389

Ion Ratio Lower Upper

75 100

110 35.7 17.8 53.5

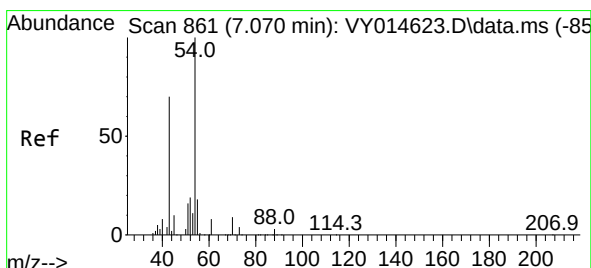
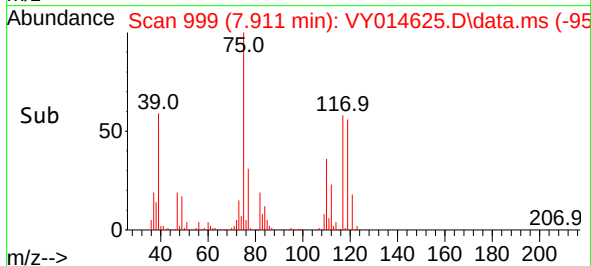
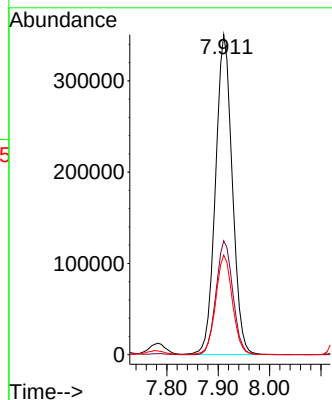
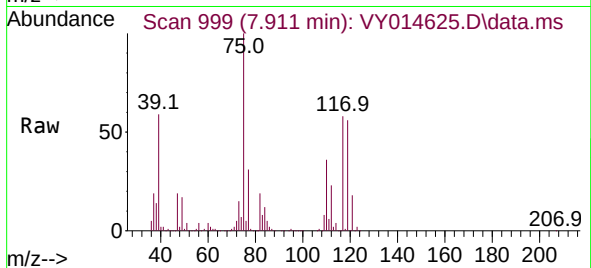
77 31.1 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#37

Ethyl Acetate

Concen: 148.014 ug/l

RT: 7.069 min Scan# 861

Delta R.T. -0.001 min

Lab File: VY014625.D

Acq: 13 Jul 2023 11:05

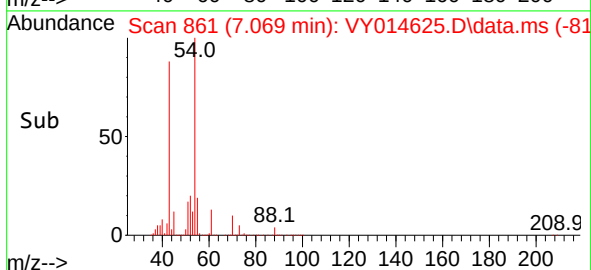
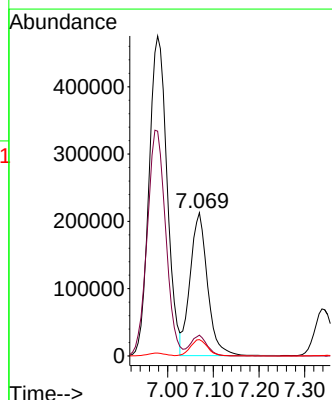
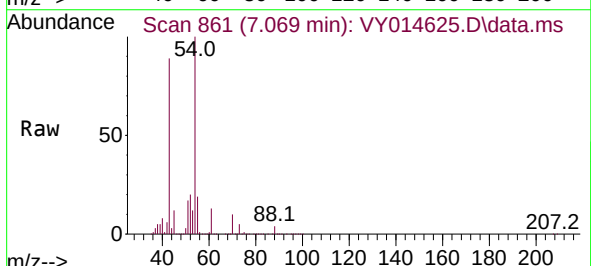
Tgt Ion: 43 Resp: 559843

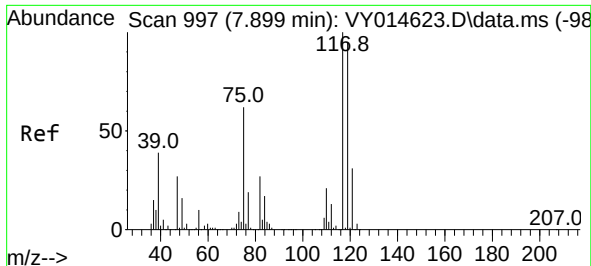
Ion Ratio Lower Upper

43 100

61 14.0 10.1 15.1

70 11.3 7.1 10.7#





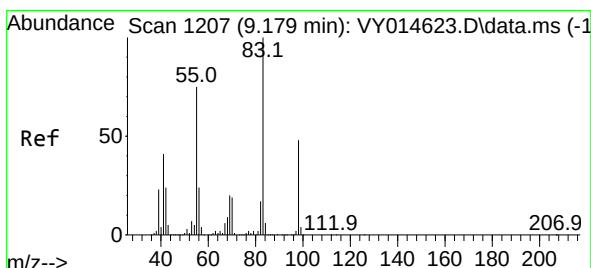
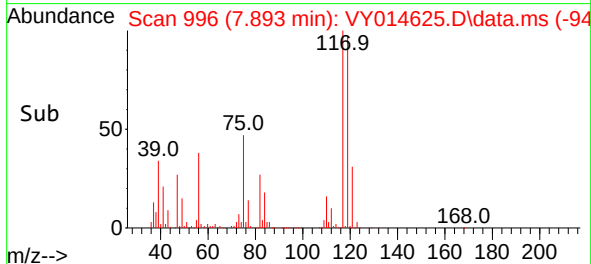
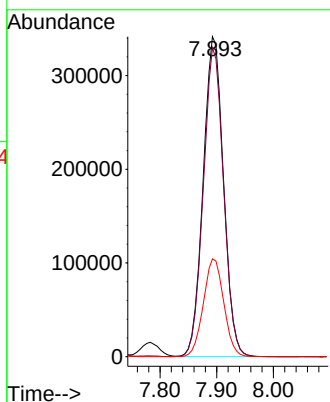
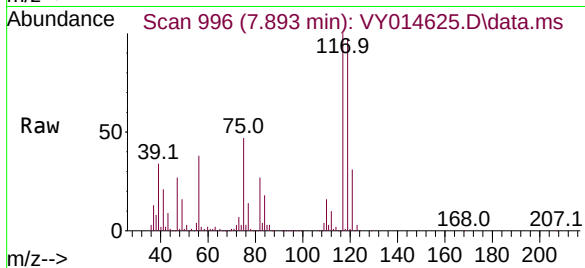
#38
Carbon Tetrachloride
Concen: 146.744 ug/l
RT: 7.893 min Scan# 997
Delta R.T. -0.006 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:117 Resp: 85218
Ion Ratio Lower Upper
117 100
119 96.5 76.4 114.6
121 30.6 25.8 38.6

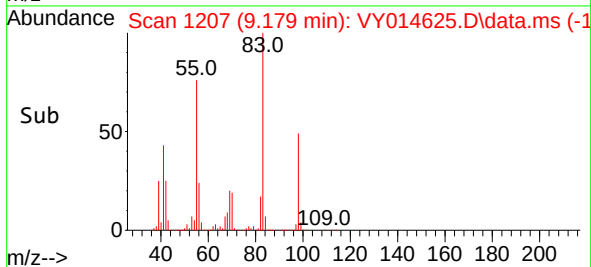
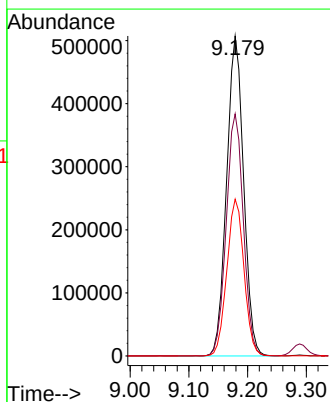
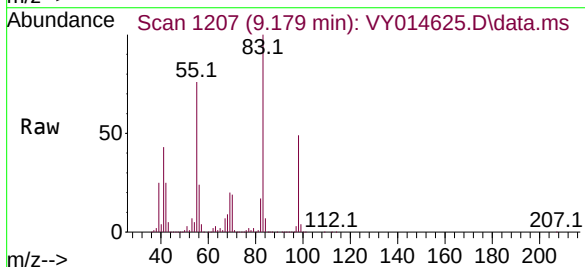
Manual Integrations
APPROVED

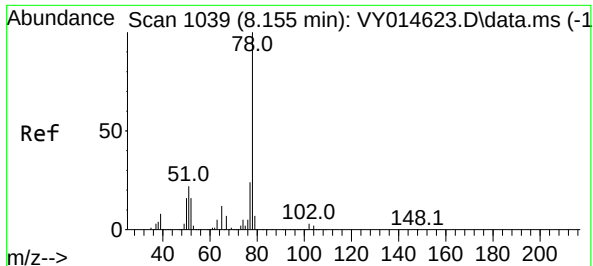
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#39
Methylcyclohexane
Concen: 142.628 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.000 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

Tgt Ion: 83 Resp: 1020817
Ion Ratio Lower Upper
83 100
55 75.6 63.0 94.4
98 49.0 37.4 56.2





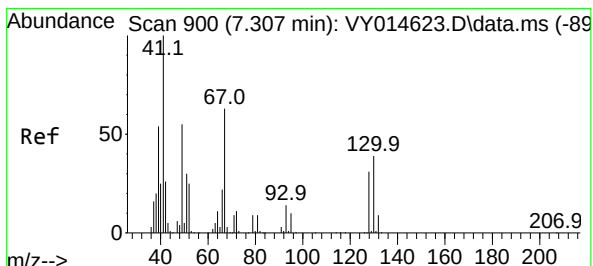
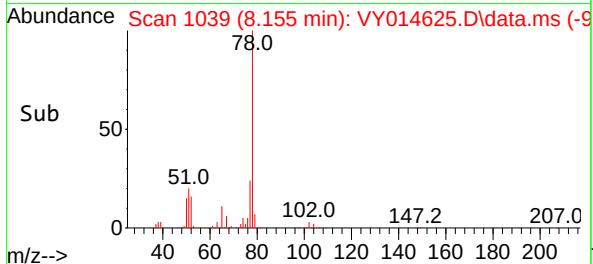
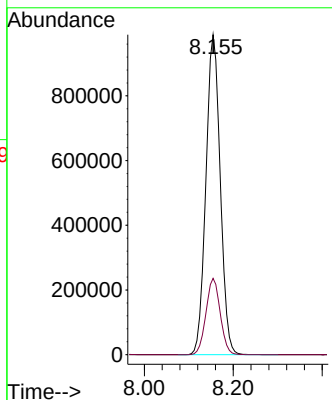
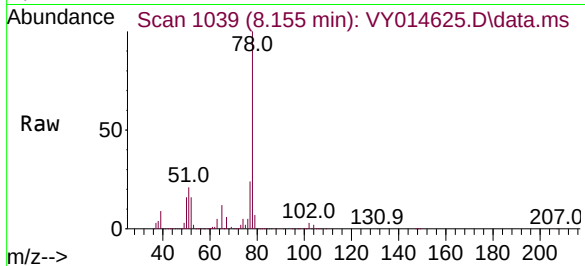
#40
Benzene
Concen: 142.073 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 78 Resp: 221978
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6

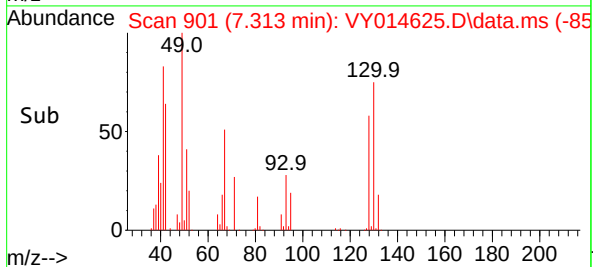
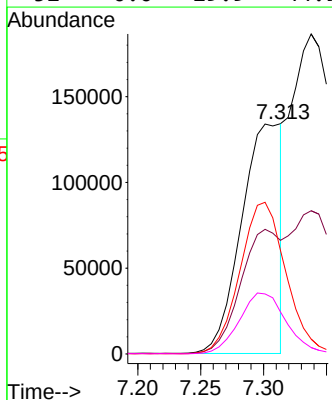
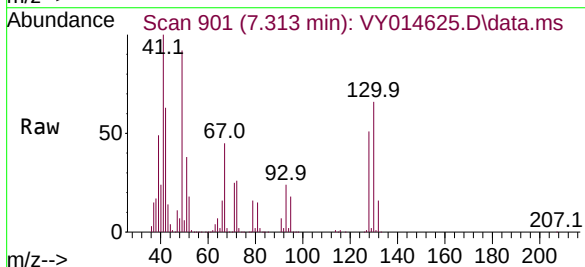
Manual Integrations
APPROVED

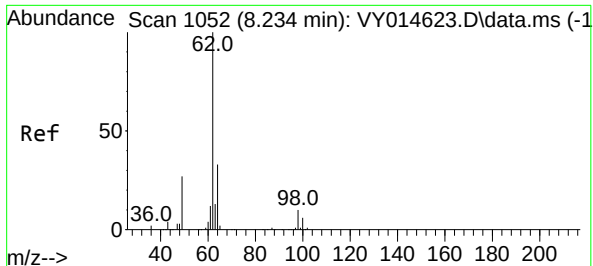
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#41
Methacrylonitrile
Concen: 149.523 ug/l m
RT: 7.313 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

Tgt Ion: 41 Resp: 299074
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#





#42

1,2-Dichloroethane

Concen: 147.873 ug/l

RT: 8.234 min Scan# 1052

Delta R.T. -0.000 min

Lab File: VY014625.D

Acq: 13 Jul 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 62 Resp: 731640

Ion Ratio Lower Upper

62 100

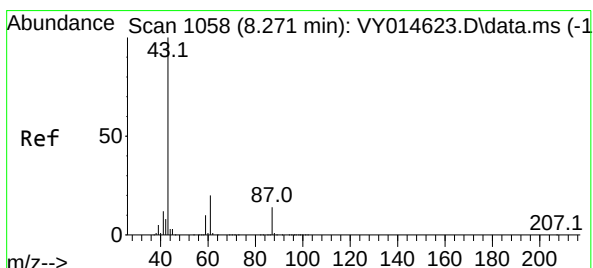
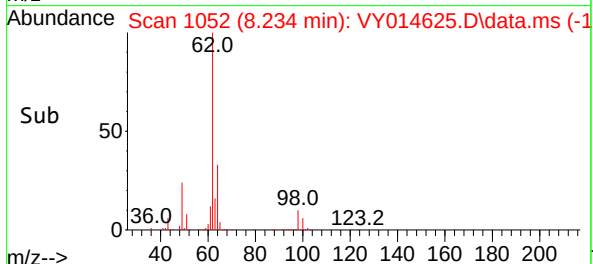
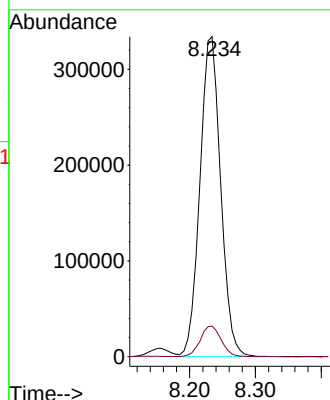
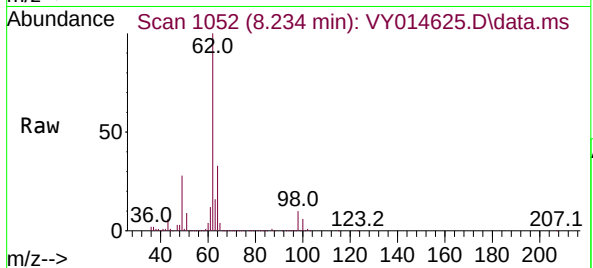
98 9.6 0.0 15.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#43

Isopropyl Acetate

Concen: 148.046 ug/l

RT: 8.270 min Scan# 1058

Delta R.T. -0.001 min

Lab File: VY014625.D

Acq: 13 Jul 2023 11:05

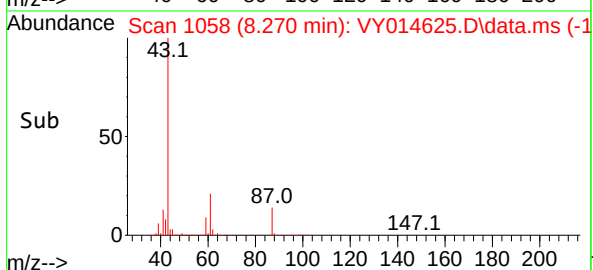
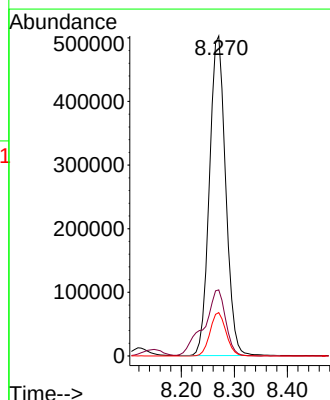
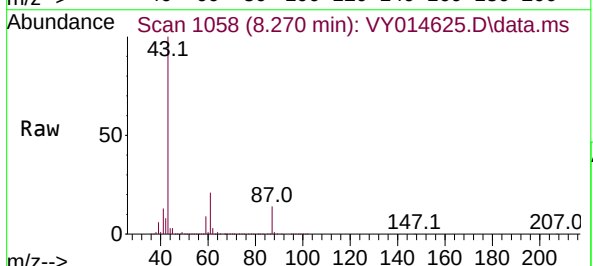
Tgt Ion: 43 Resp: 1066678

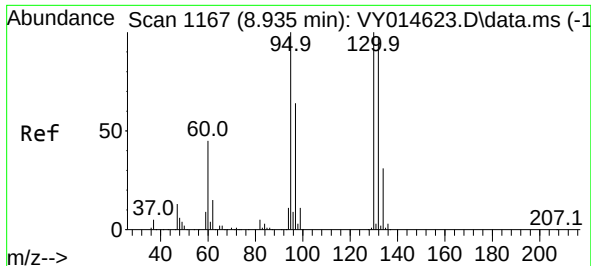
Ion Ratio Lower Upper

43 100

61 27.6 21.1 31.7

87 13.5 9.8 14.8





#44
Trichloroethene
Concen: 142.887 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

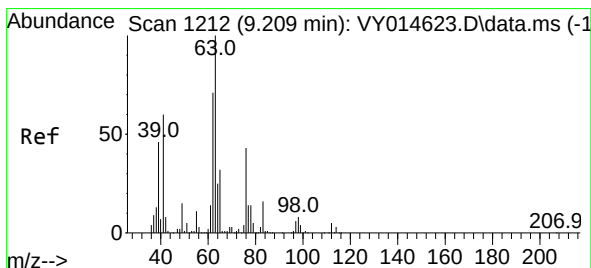
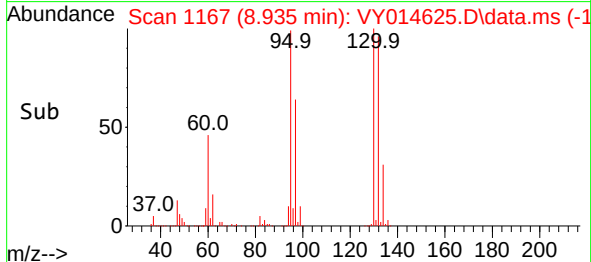
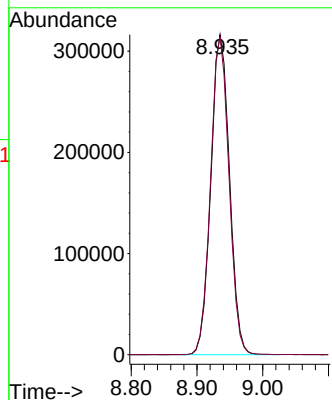
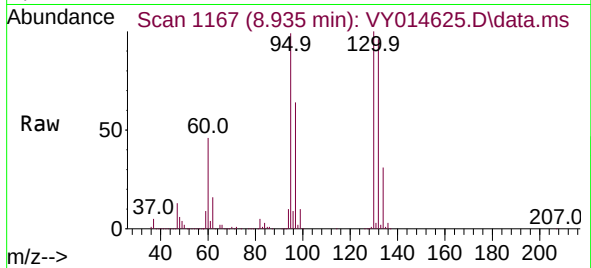
Tgt Ion:130 Resp: 62463
Ion Ratio Lower Upper
130 100
95 99.4 0.0 196.0

Manual Integrations

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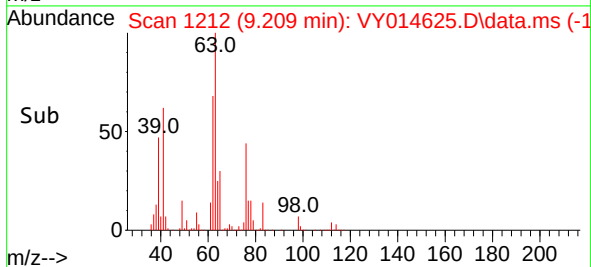
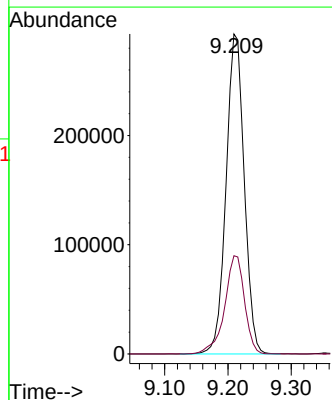
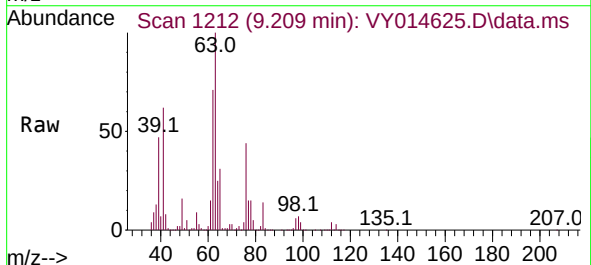
Reviewed By :John Carlone 07/14/2023

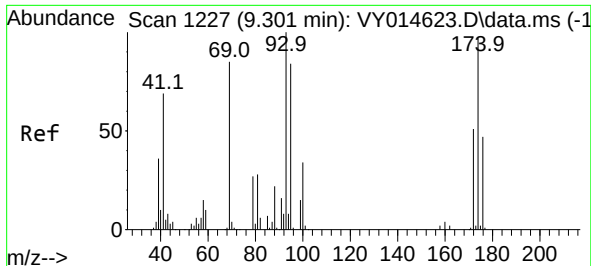
Supervised By :Mahesh Dadoda 07/14/2023



#45
1,2-Dichloropropane
Concen: 142.999 ug/l
RT: 9.209 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

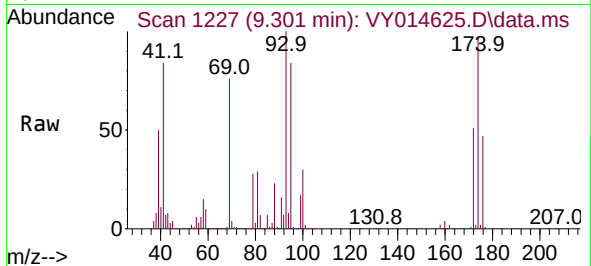
Tgt Ion: 63 Resp: 583415
Ion Ratio Lower Upper
63 100
65 30.7 23.8 35.6





#46
Dibromomethane
Concen: 143.861 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

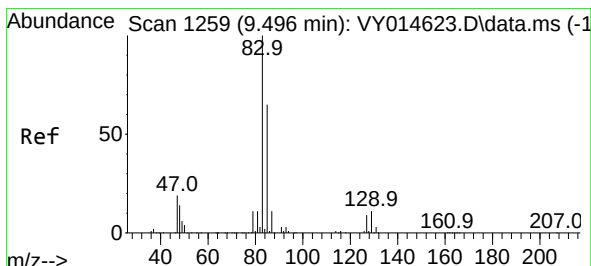
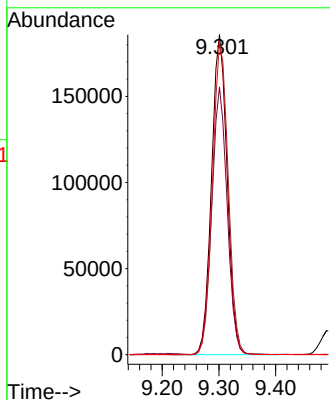
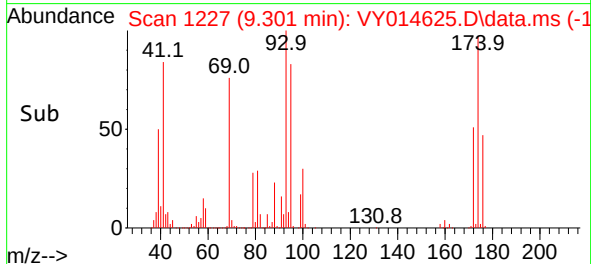
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



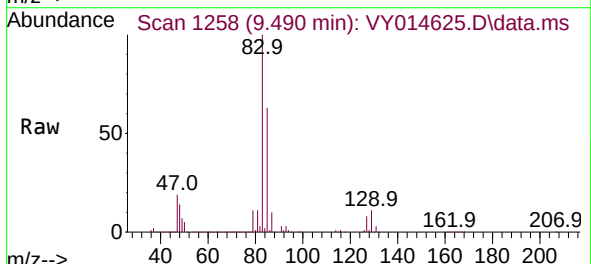
Tgt Ion: 93 Resp: 356062
Ion Ratio Lower Upper
93 100
95 82.4 66.6 100.0
174 97.9 84.8 127.2

Manual Integrations
APPROVED

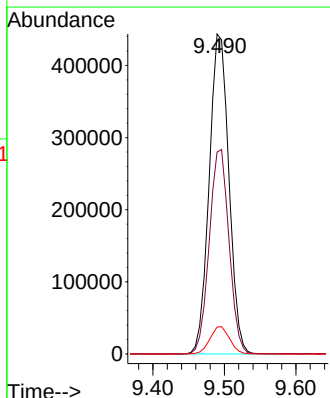
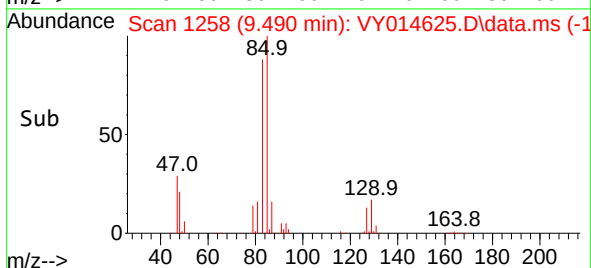
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

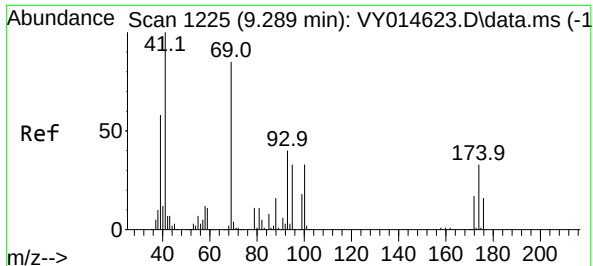


#47
Bromodichloromethane
Concen: 145.421 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05



Tgt Ion: 83 Resp: 848301
Ion Ratio Lower Upper
83 100
85 63.1 50.1 75.1
127 8.4 7.1 10.7





#48

Methyl methacrylate

Concen: 149.200 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY014625.D

Acq: 13 Jul 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

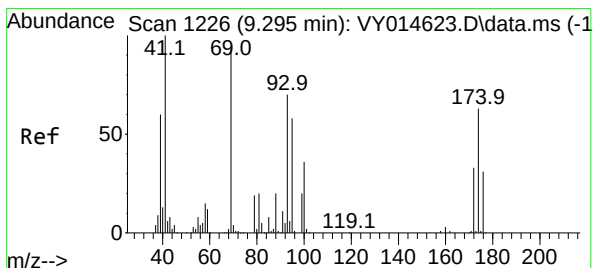
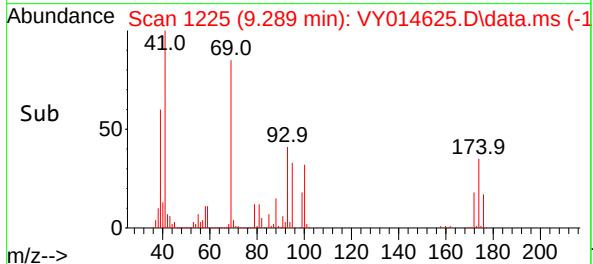
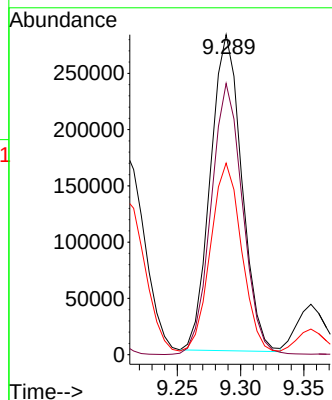
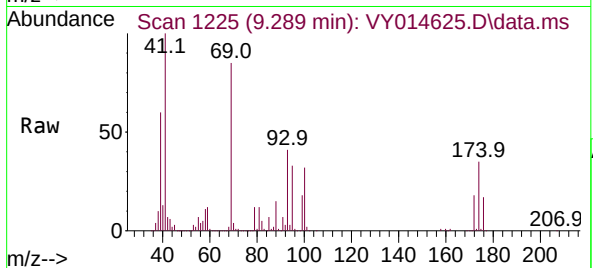
Tgt Ion:	41	Resp:	48371
Ion Ratio	Lower	Upper	
41	100		
69	86.5	64.5	96.7
39	59.1	50.8	76.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#49

1,4-Dioxane

Concen: 2967.364 ug/l

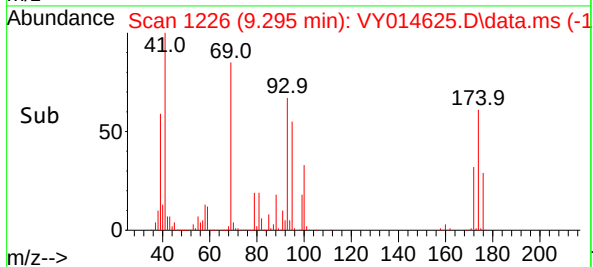
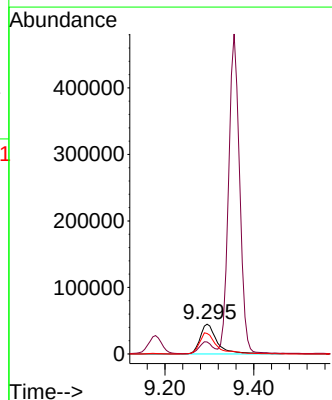
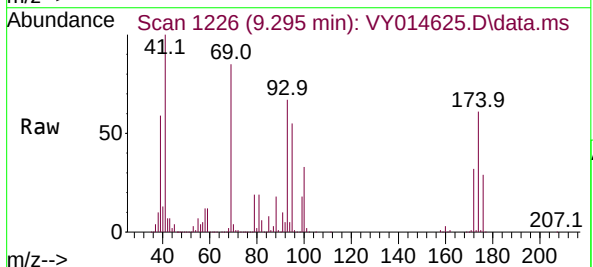
RT: 9.295 min Scan# 1226

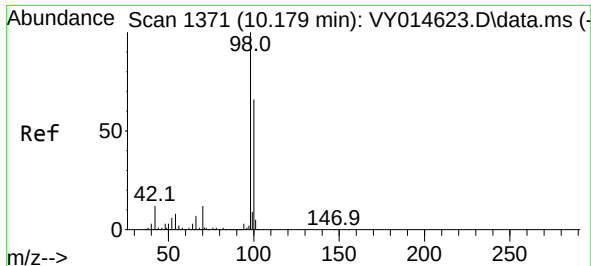
Delta R.T. -0.000 min

Lab File: VY014625.D

Acq: 13 Jul 2023 11:05

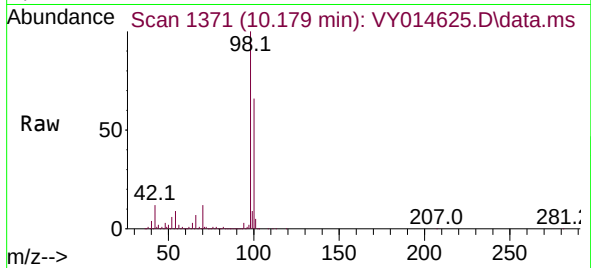
Tgt Ion:	88	Resp:	119756
Ion Ratio	Lower	Upper	
88	100		
43	32.0	0.0	0.0#
58	72.2	30.9	46.3#





#50
Toluene-d8
Concen: 141.039 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

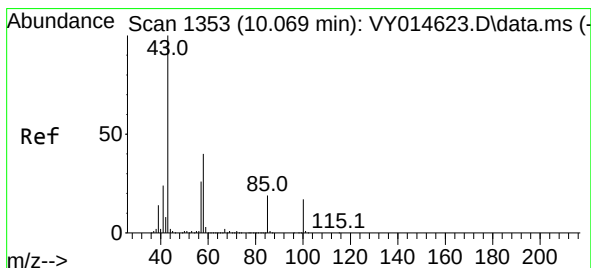
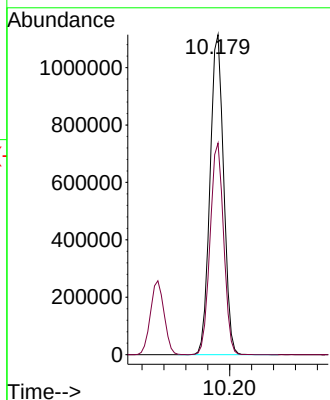
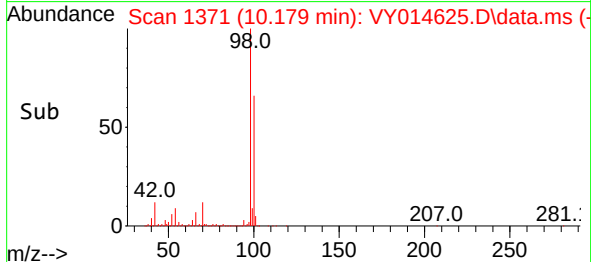
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



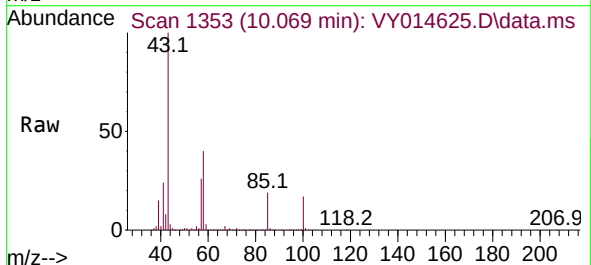
Tgt Ion: 98 Resp: 1910162
Ion Ratio Lower Upper
98 100
100 65.9 50.1 75.1

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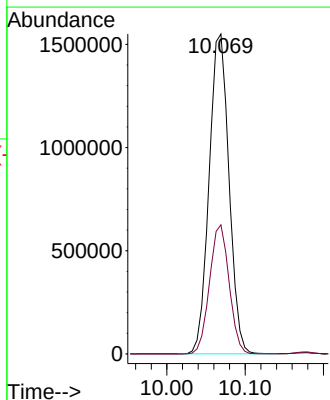
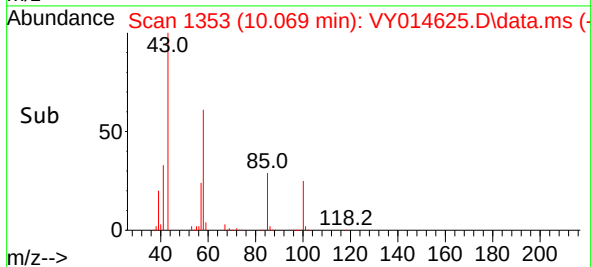
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

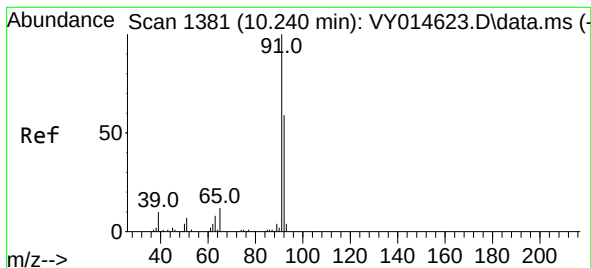


#51
4-Methyl-2-Pentanone
Concen: 722.043 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05



Tgt Ion: 43 Resp: 2731477
Ion Ratio Lower Upper
43 100
58 39.8 29.0 43.6





#52

Toluene

Concen: 140.763 ug/l

RT: 10.240 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014625.D

Acq: 13 Jul 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 92 Resp: 140734

Ion Ratio Lower Upper

92 100

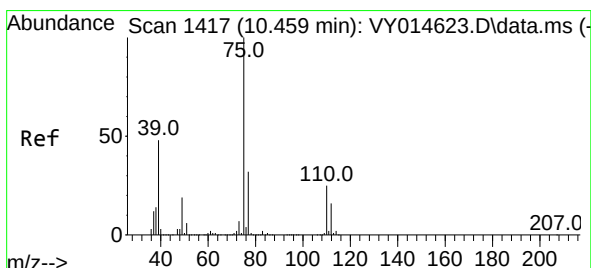
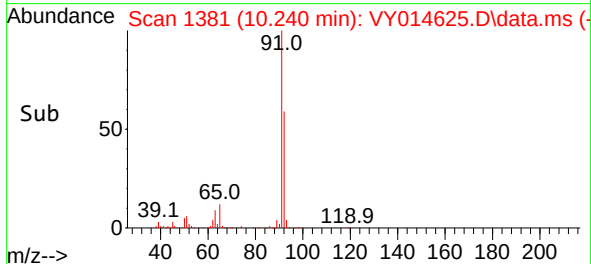
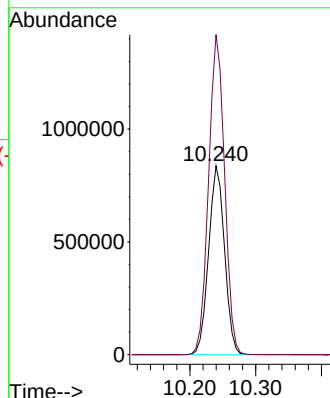
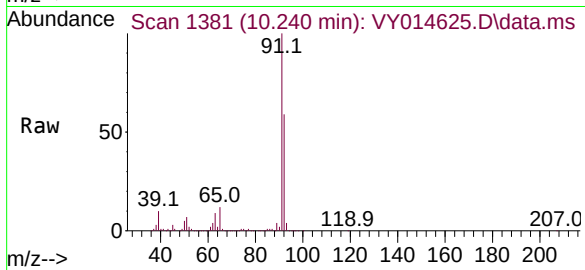
91 170.4 143.8 215.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#53

t-1,3-Dichloropropene

Concen: 145.680 ug/l

RT: 10.459 min Scan# 1417

Delta R.T. 0.000 min

Lab File: VY014625.D

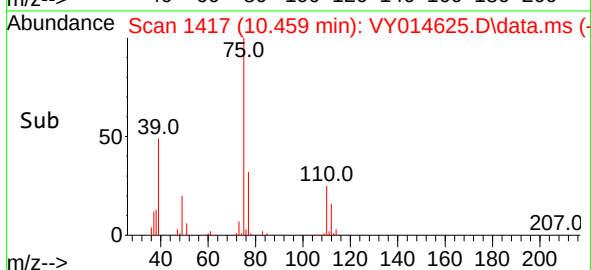
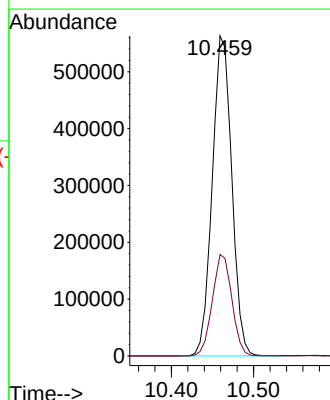
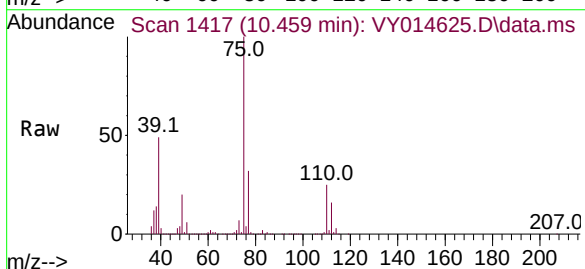
Acq: 13 Jul 2023 11:05

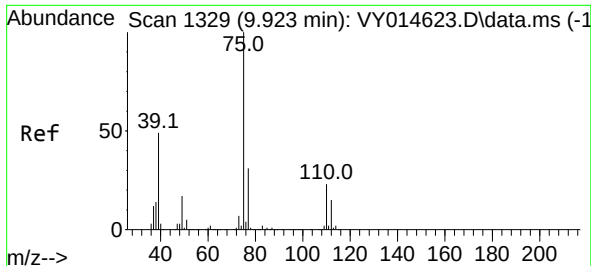
Tgt Ion: 75 Resp: 929558

Ion Ratio Lower Upper

75 100

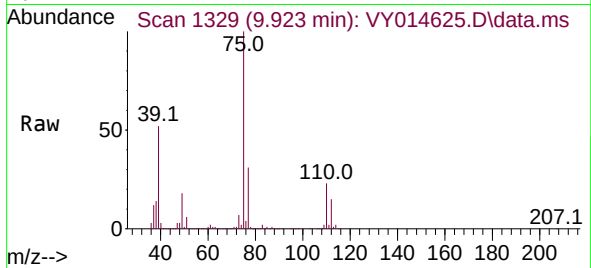
77 31.7 25.0 37.4





#54
 cis-1,3-Dichloropropene
 Concen: 143.683 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.000 min
 Lab File: VY014625.D
 Acq: 13 Jul 2023 11:05

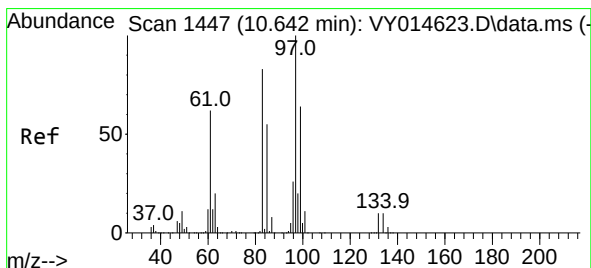
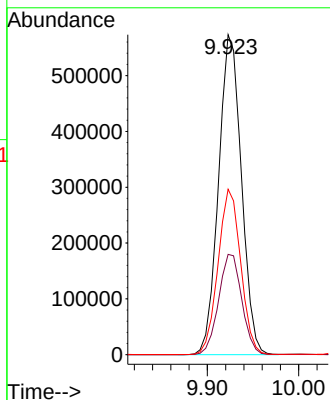
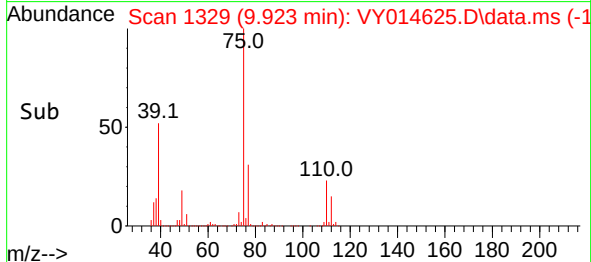
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150



Tgt Ion: 75 Resp: 997000
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.2 36.4
 39 51.6 42.2 63.4

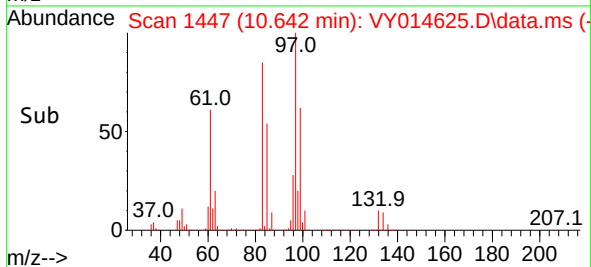
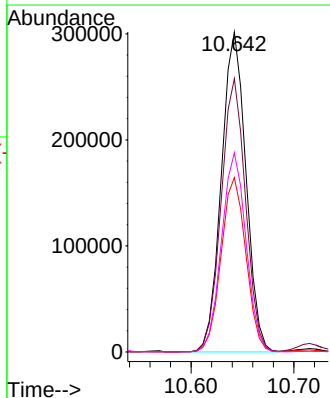
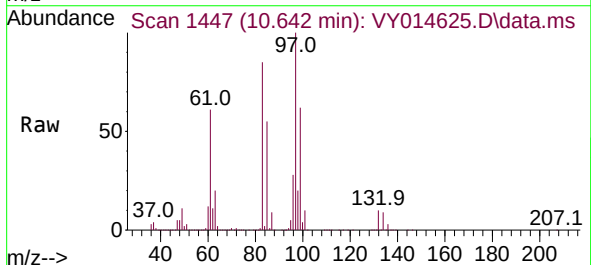
Manual Integrations
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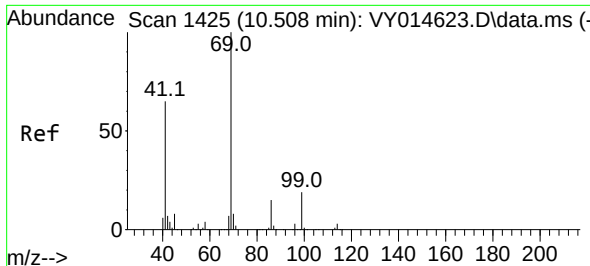
Reviewed By :John Carlone 07/14/2023
 Supervised By :Mahesh Dadoda 07/14/2023



#55
 1,1,2-Trichloroethane
 Concen: 145.367 ug/l
 RT: 10.642 min Scan# 1447
 Delta R.T. 0.000 min
 Lab File: VY014625.D
 Acq: 13 Jul 2023 11:05

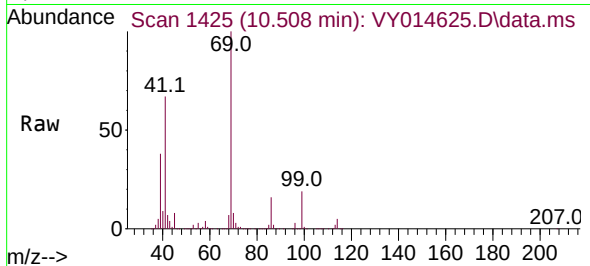
Tgt Ion: 97 Resp: 501174
 Ion Ratio Lower Upper
 97 100
 83 85.4 72.0 108.0
 85 54.5 45.4 68.0
 99 62.2 50.3 75.5





#56
Ethyl methacrylate
Concen: 146.751 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

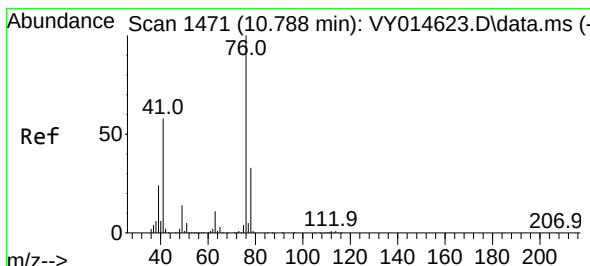
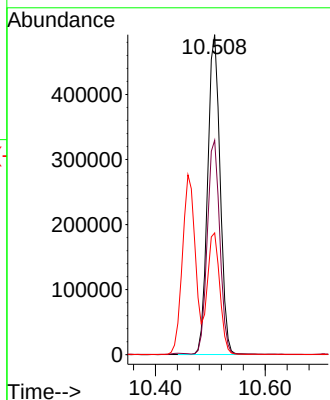
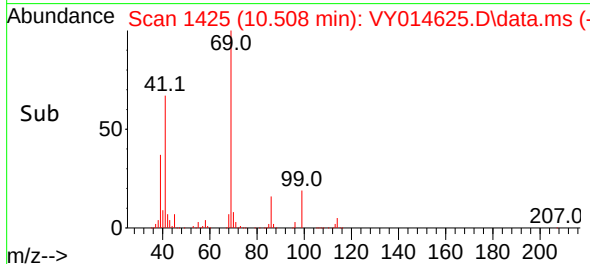
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



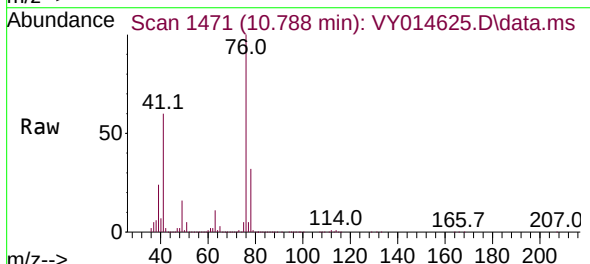
Tgt Ion: 69 Resp: 772495
Ion Ratio Lower Upper
69 100
41 67.1 57.6 86.4
39 37.9 34.1 51.1

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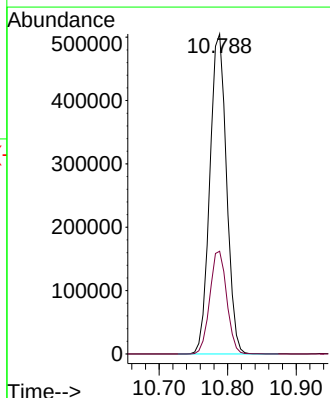
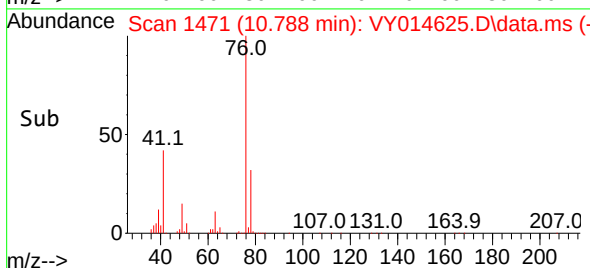
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

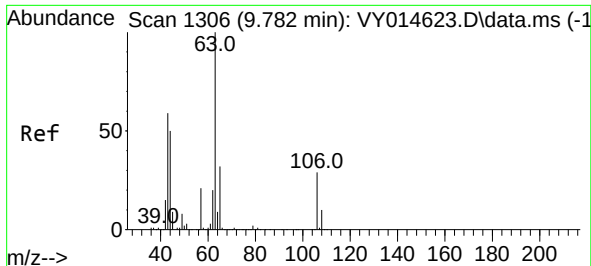


#57
1,3-Dichloropropane
Concen: 143.930 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05



Tgt Ion: 76 Resp: 855880
Ion Ratio Lower Upper
76 100
78 32.5 25.3 37.9





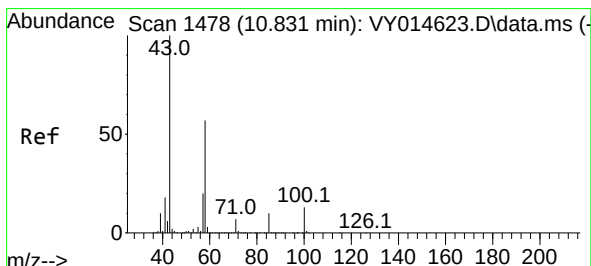
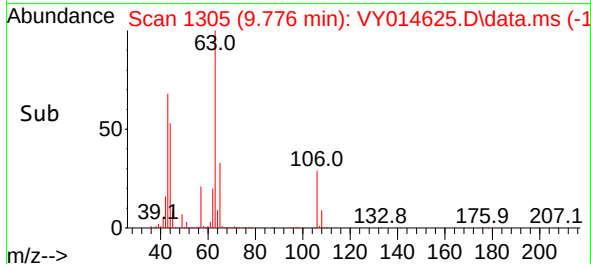
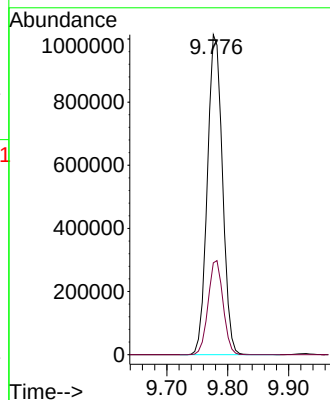
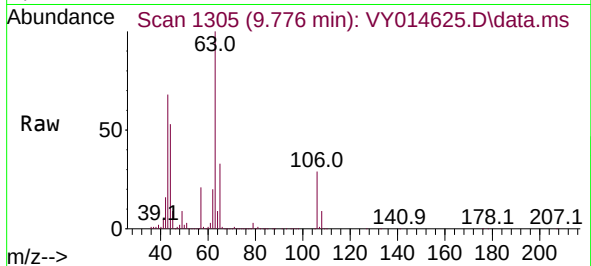
#58
2-Chloroethyl Vinyl ether
Concen: 711.567 ug/l
RT: 9.776 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 63 Resp: 1745270
Ion Ratio Lower Upper
63 100
106 29.1 21.2 31.8

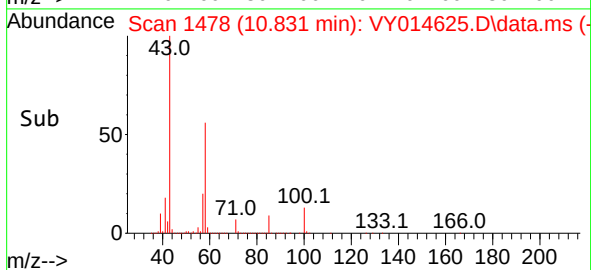
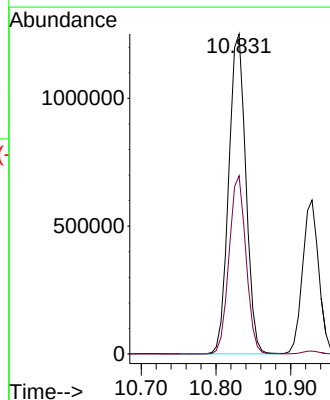
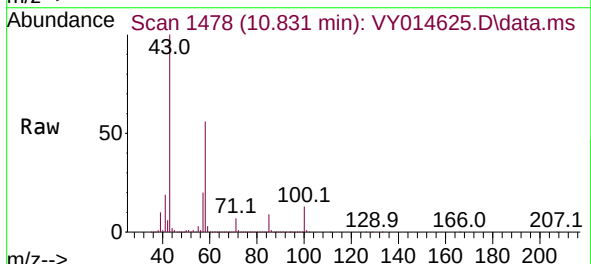
Manual Integrations
APPROVED

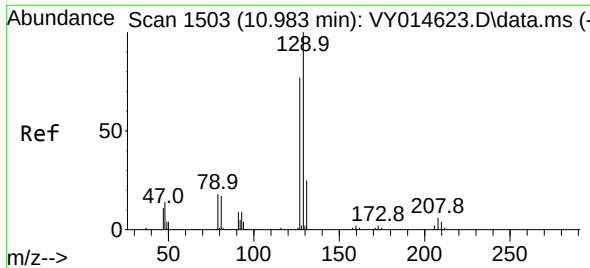
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#59
2-Hexanone
Concen: 723.199 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

Tgt Ion: 43 Resp: 1995130
Ion Ratio Lower Upper
43 100
58 55.1 25.1 75.3





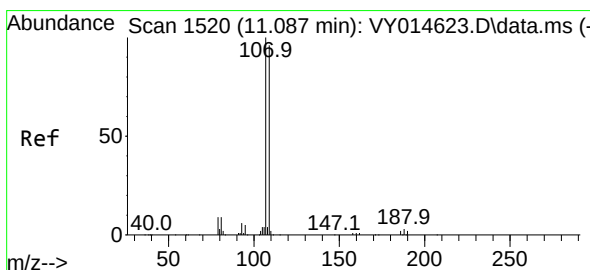
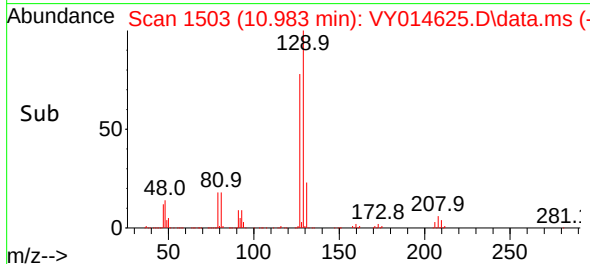
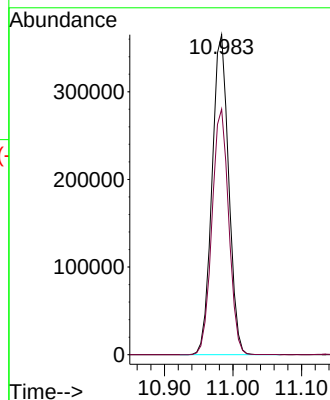
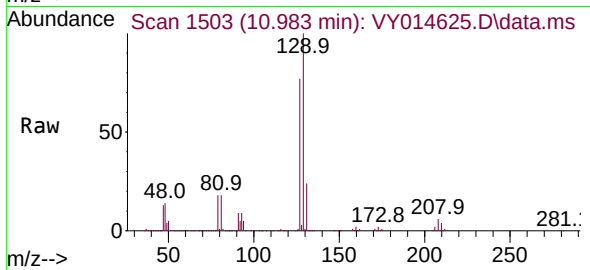
#60
Dibromochloromethane
Concen: 145.327 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:129 Resp: 61430
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5

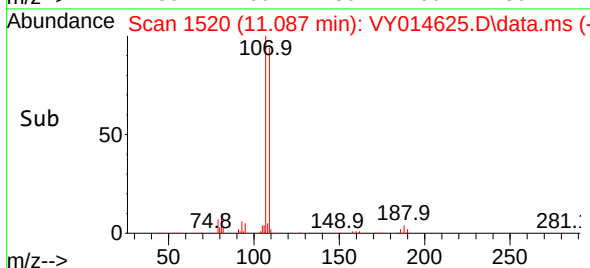
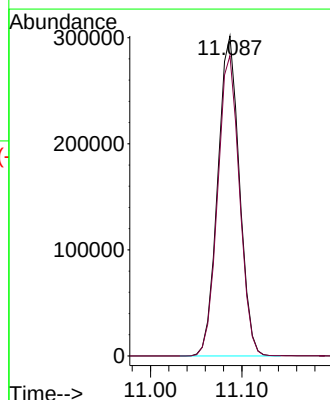
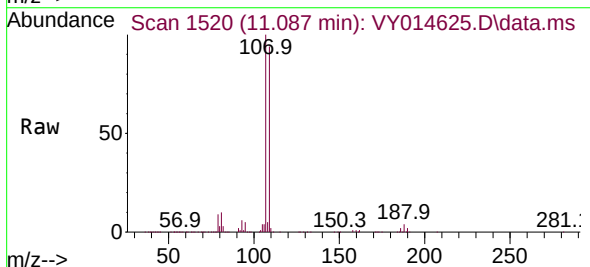
Manual Integrations
APPROVED

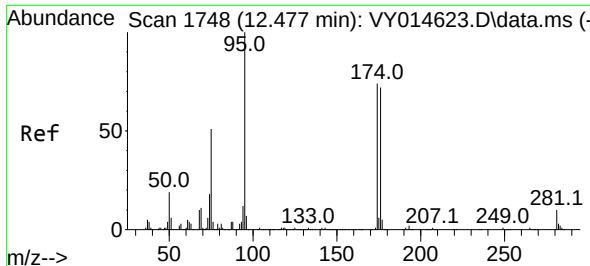
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#61
1,2-Dibromoethane
Concen: 144.513 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

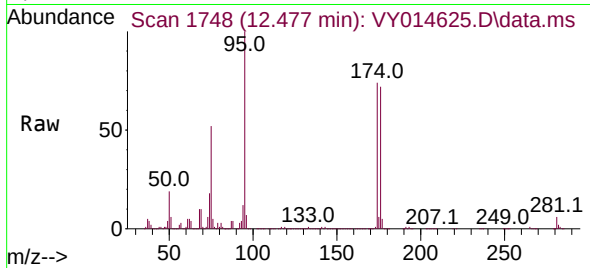
Tgt Ion:107 Resp: 497034
Ion Ratio Lower Upper
107 100
109 94.3 75.6 113.4





#62
4-Bromofluorobenzene
Concen: 141.163 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

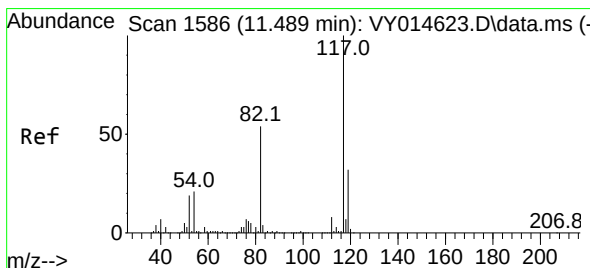
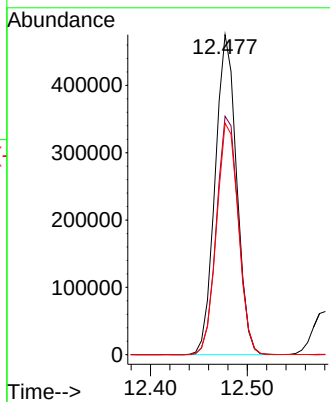
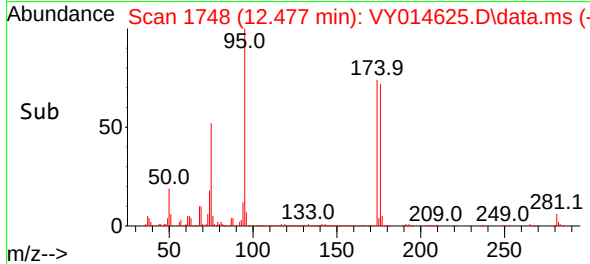
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



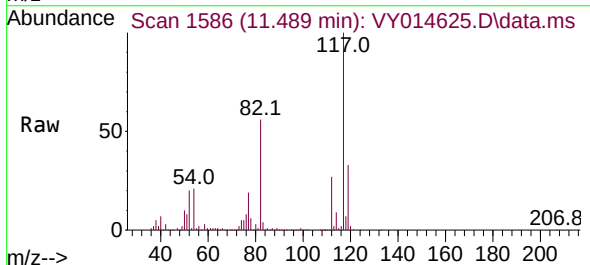
Tgt Ion: 95 Resp: 73307
Ion Ratio Lower Upper
95 100
174 76.1 0.0 178.2
176 73.7 0.0 173.8

Manual Integrations
APPROVED

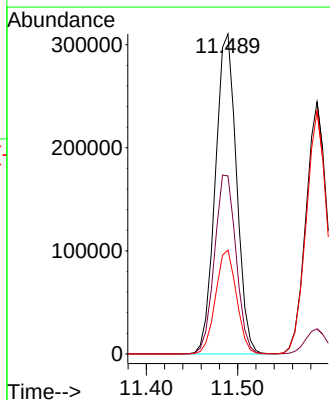
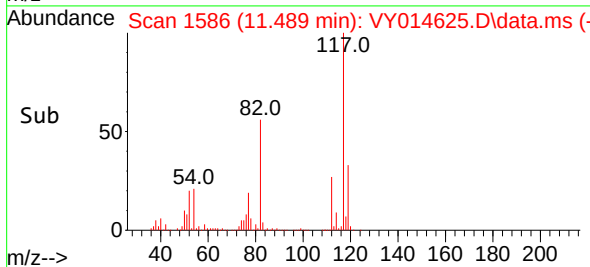
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

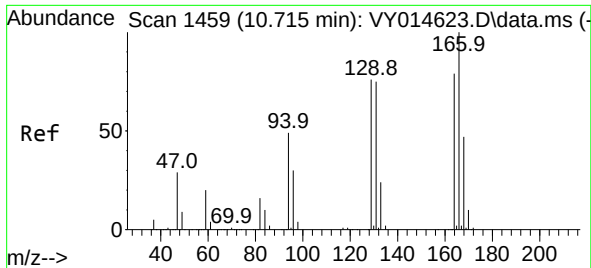


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05



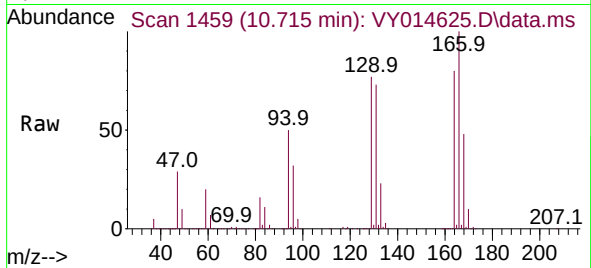
Tgt Ion:117 Resp: 501847
Ion Ratio Lower Upper
117 100
82 55.6 43.4 65.0
119 32.5 26.3 39.5





#64
Tetrachloroethene
Concen: 135.286 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

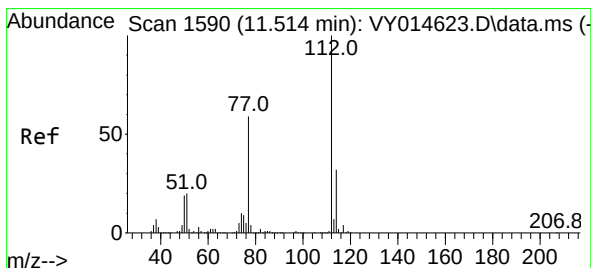
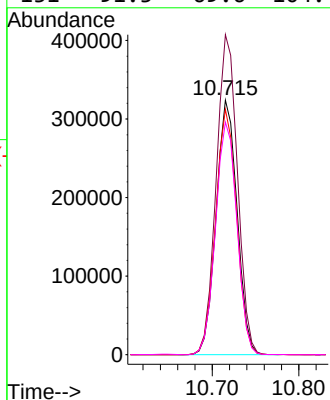
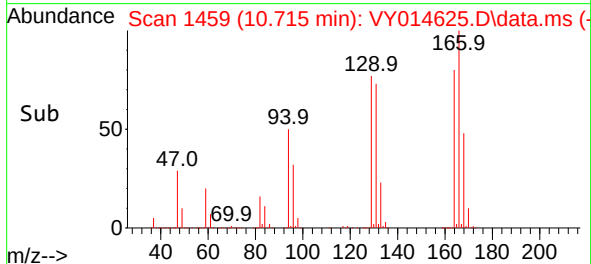
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



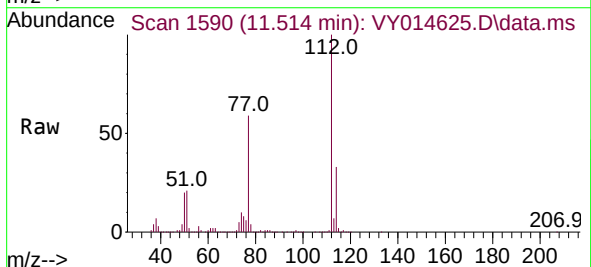
Tgt Ion:164 Resp: 54603
Ion Ratio Lower Upper
164 100
166 125.7 103.0 154.6
129 96.4 77.2 115.8
131 91.3 69.6 104.4

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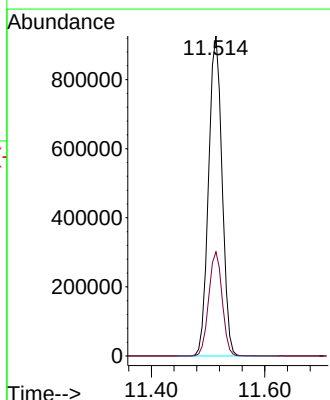
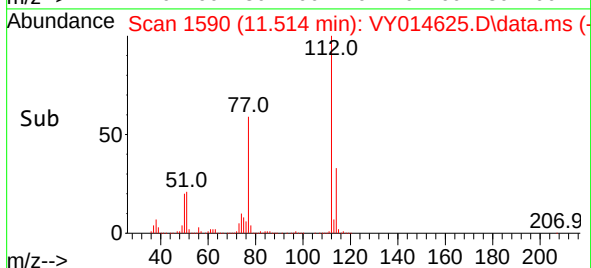
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

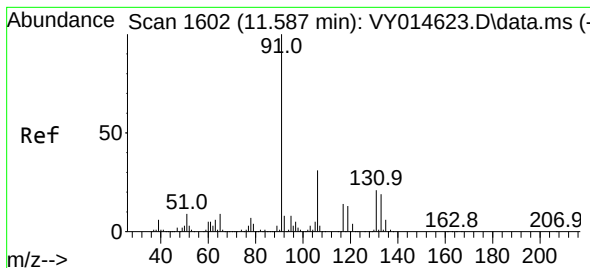


#65
Chlorobenzene
Concen: 142.952 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05



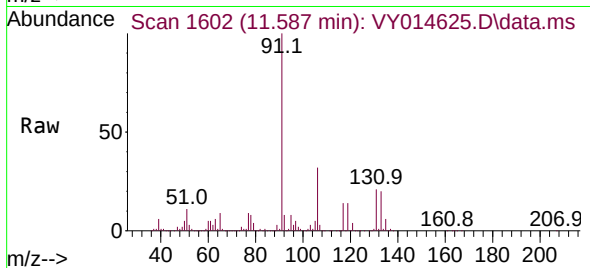
Tgt Ion:112 Resp: 1528763
Ion Ratio Lower Upper
112 100
114 32.5 25.5 38.3





#66
1,1,1,2-Tetrachloroethane
Concen: 142.749 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

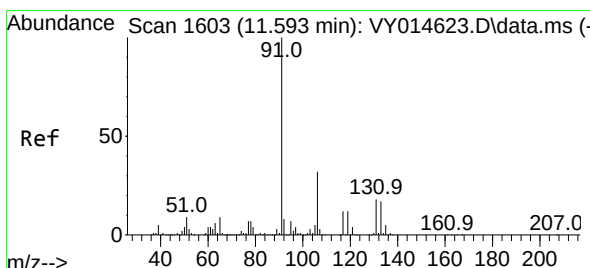
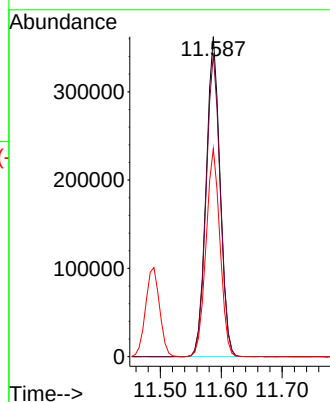
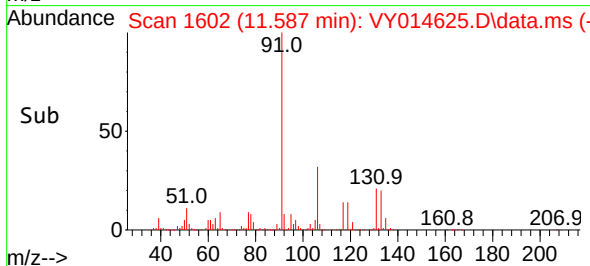
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion:131 Resp: 575589
Ion Ratio Lower Upper
131 100
133 95.5 47.5 142.6
119 65.2 31.6 94.7

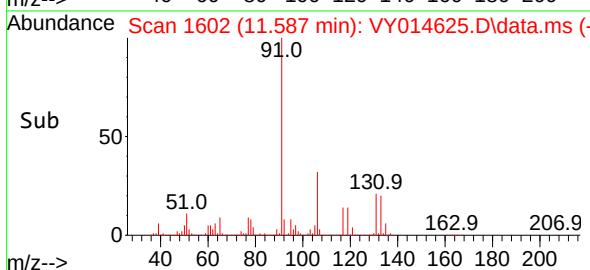
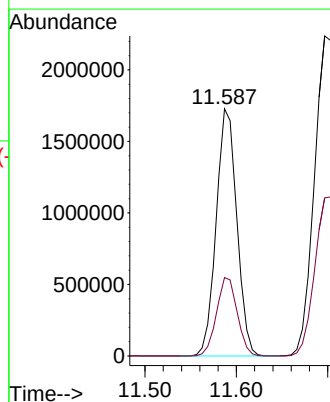
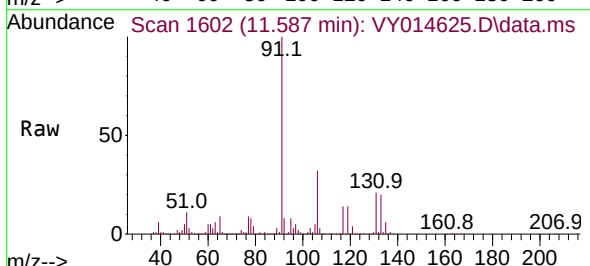
Manual Integrations
APPROVED

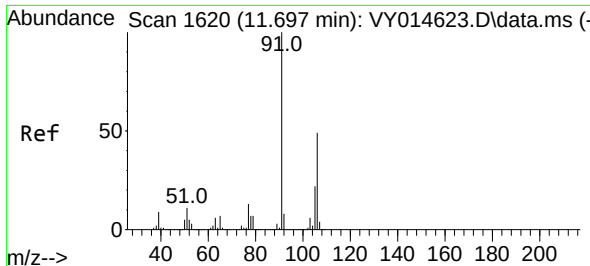
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#67
Ethyl Benzene
Concen: 140.469 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

Tgt Ion: 91 Resp: 2712251
Ion Ratio Lower Upper
91 100
106 31.7 24.6 36.8





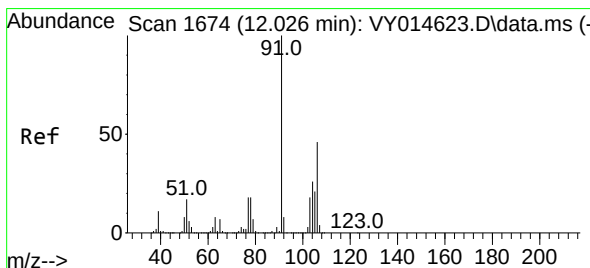
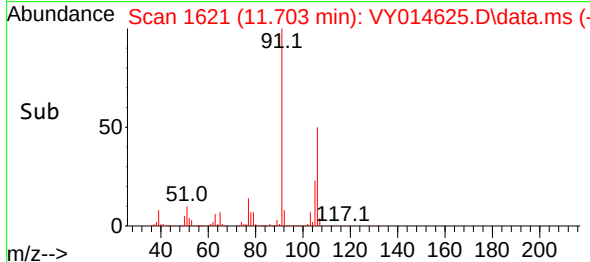
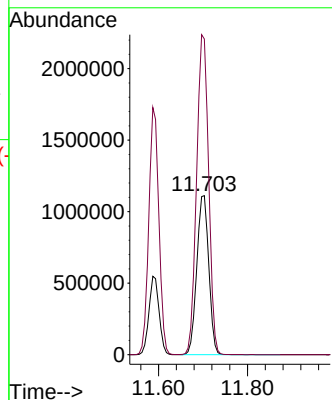
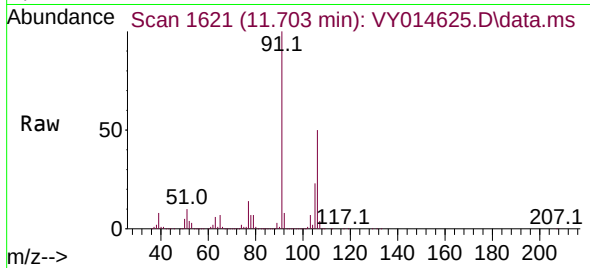
#68
m/p-Xylenes
Concen: 281.644 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:106 Resp: 2075870
Ion Ratio Lower Upper
106 100
91 202.0 166.1 249.1

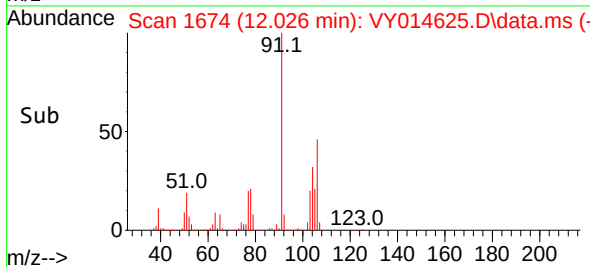
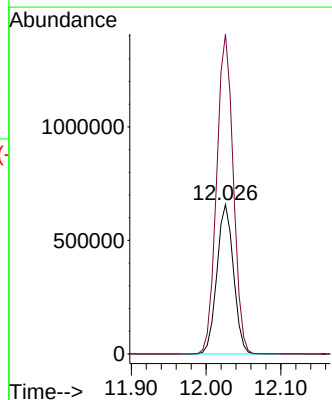
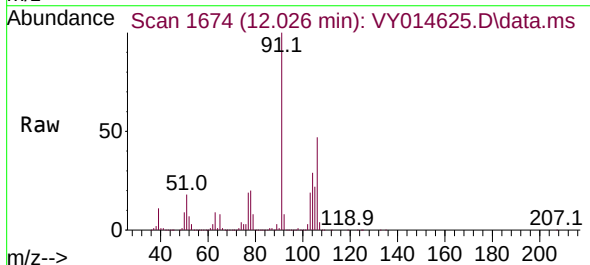
Manual Integrations
APPROVED

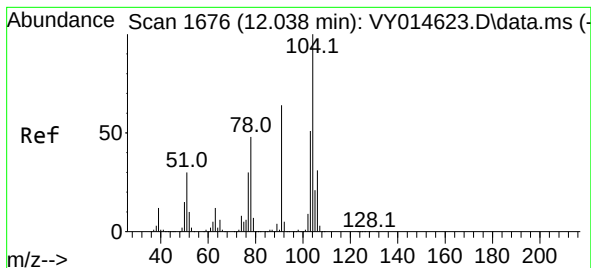
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#69
o-Xylene
Concen: 141.305 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

Tgt Ion:106 Resp: 1014426
Ion Ratio Lower Upper
106 100
91 215.0 108.1 324.3





#70

Styrene

Concen: 140.490 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VY014625.D

Acq: 13 Jul 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion:104 Resp: 1699869

Ion Ratio Lower Upper

104 100

78 52.9 41.5 62.3

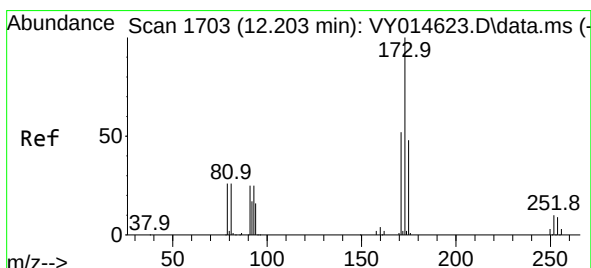
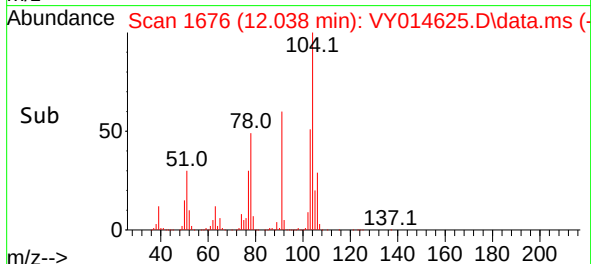
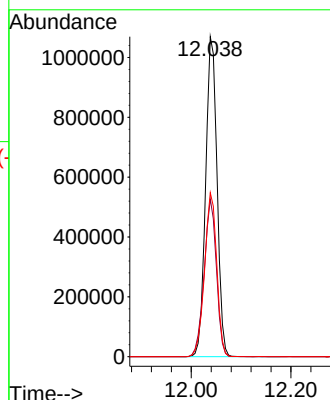
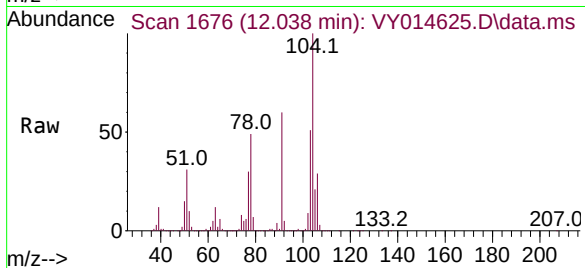
103 54.7 44.6 67.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#71

Bromoform

Concen: 145.817 ug/l

RT: 12.203 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VY014625.D

Acq: 13 Jul 2023 11:05

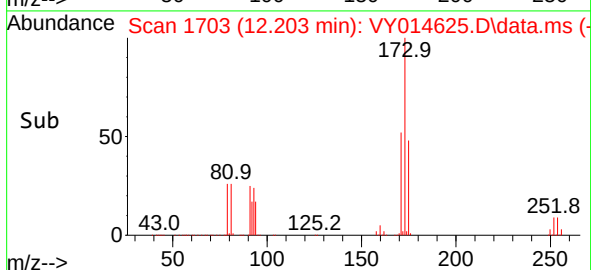
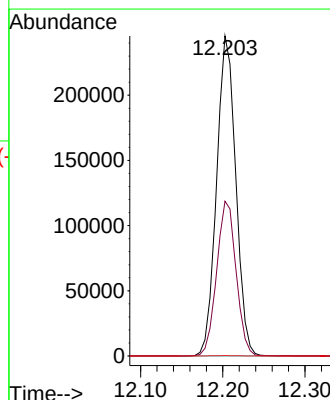
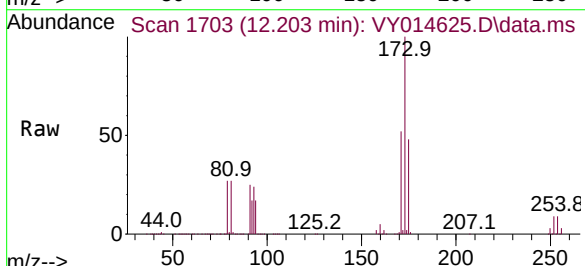
Tgt Ion:173 Resp: 398537

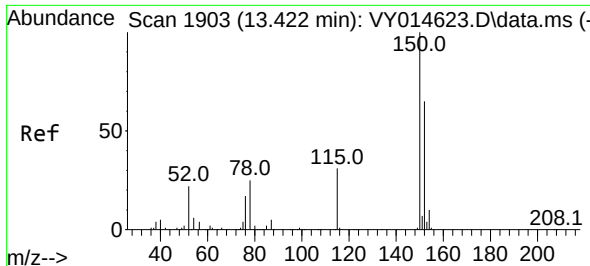
Ion Ratio Lower Upper

173 100

175 48.9 24.6 73.8

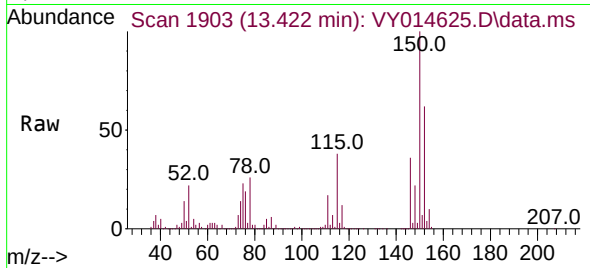
254 0.1 0.2 0.2#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

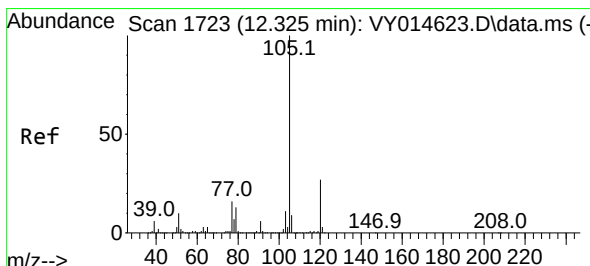
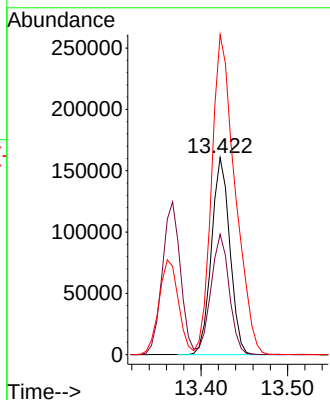
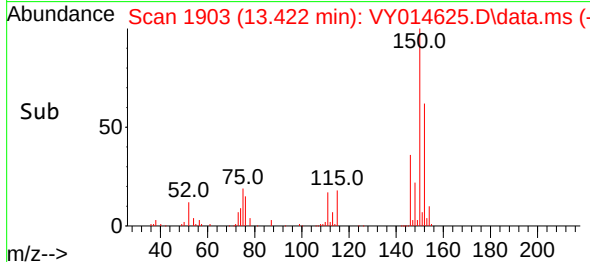
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion:152 Resp: 236900
Ion Ratio Lower Upper
152 100
115 60.9 28.8 86.5
150 207.2 0.0 348.8

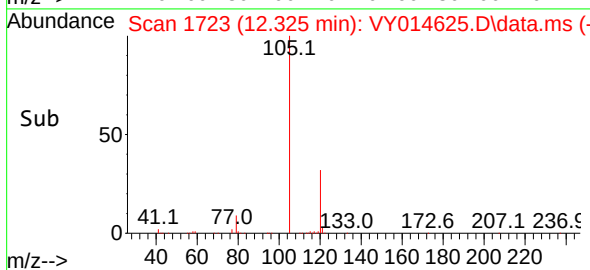
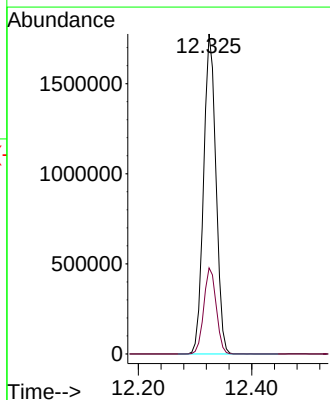
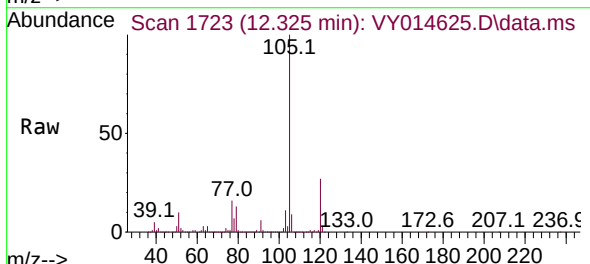
Manual Integrations
APPROVED

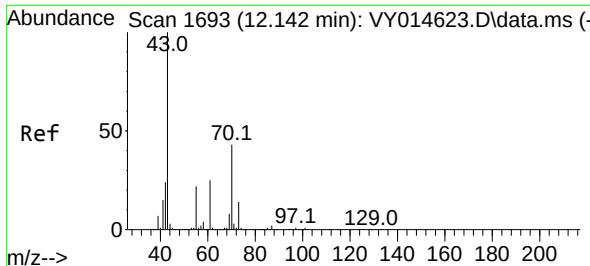
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#73
Isopropylbenzene
Concen: 144.497 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

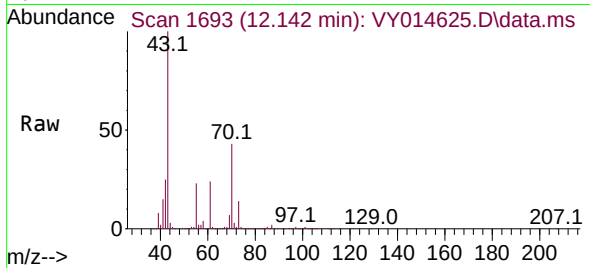
Tgt Ion:105 Resp: 2680365
Ion Ratio Lower Upper
105 100
120 27.0 13.3 39.9





#74
N-amy1 acetate
Concen: 152.731 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

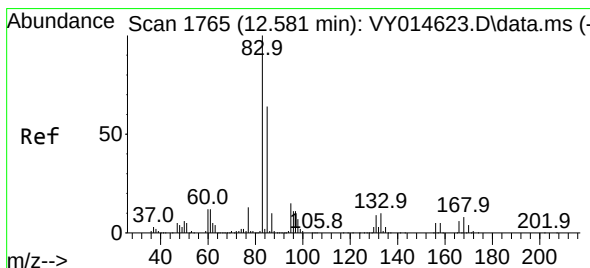
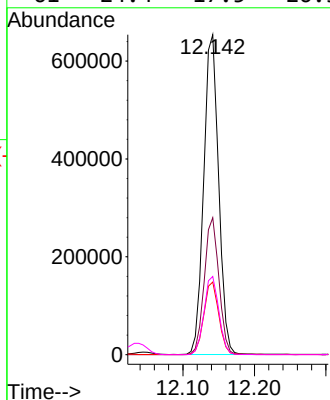
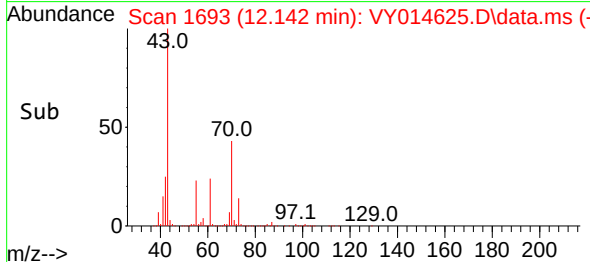
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



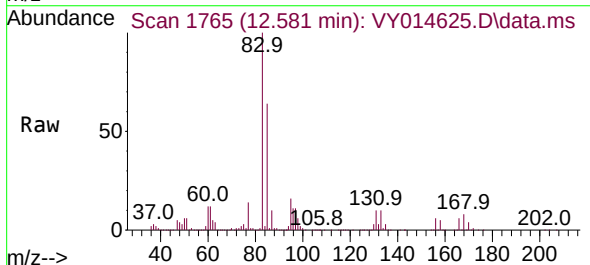
Tgt Ion: 43 Resp: 94885
Ion Ratio Lower Upper
43 100
70 42.2 29.7 44.5
55 22.7 18.3 27.5
61 24.4 17.5 26.3

Manual Integrations
APPROVED

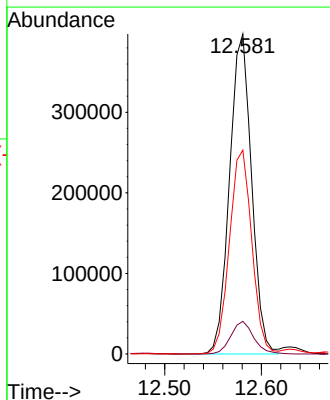
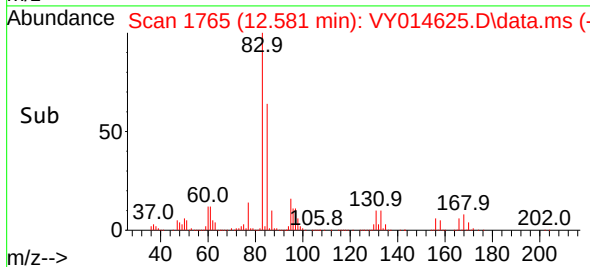
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

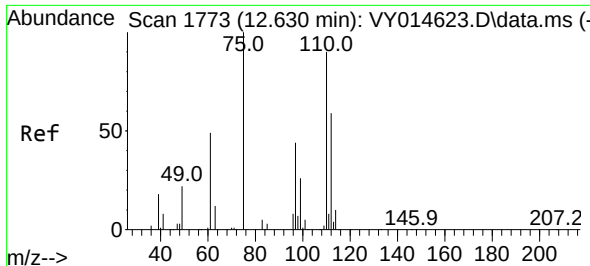


#75
1,1,2,2-Tetrachloroethane
Concen: 148.668 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05



Tgt Ion: 83 Resp: 628884
Ion Ratio Lower Upper
83 100
131 10.6 5.4 16.2
85 64.7 31.8 95.4





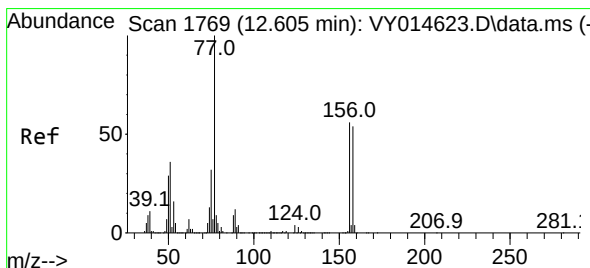
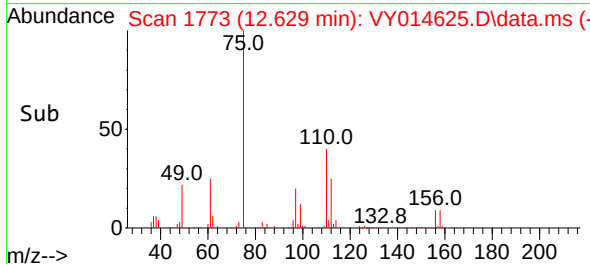
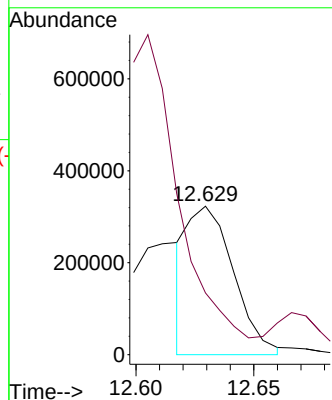
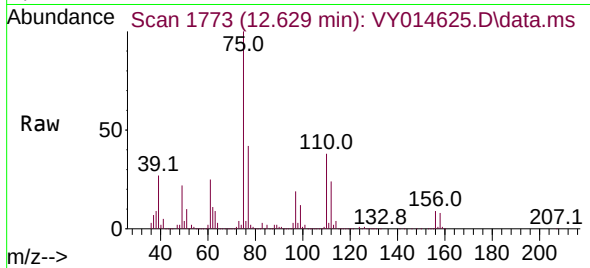
#76
1,2,3-Trichloropropane
Concen: 145.322 ug/l m
RT: 12.629 min Scan# 1773
Delta R.T. -0.001 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 440574
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

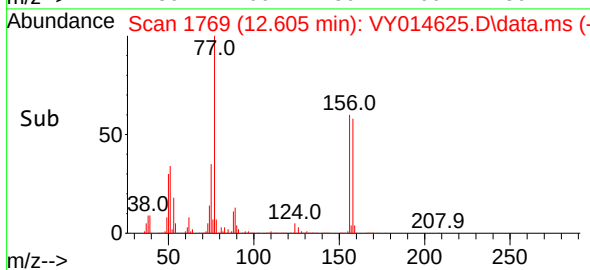
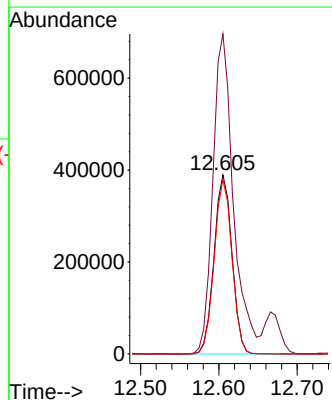
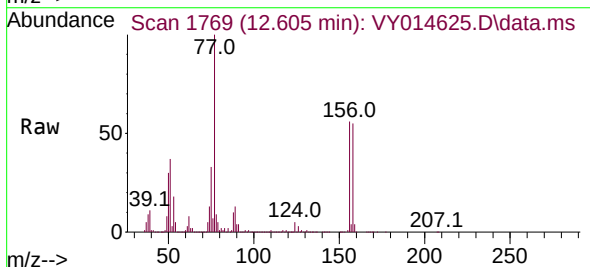
Manual Integrations
APPROVED

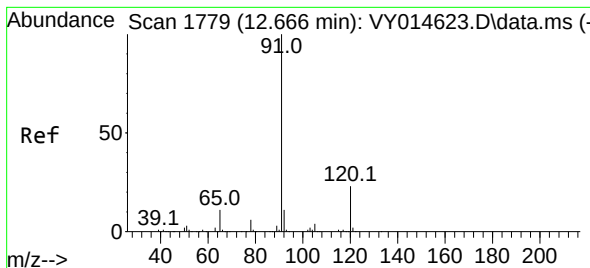
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#77
Bromobenzene
Concen: 146.316 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

Tgt Ion:156 Resp: 619539
Ion Ratio Lower Upper
156 100
77 203.2 92.8 278.6
158 96.4 48.4 145.3





#78

n-propylbenzene

Concen: 143.535 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY014625.D

Acq: 13 Jul 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 320836

Ion Ratio Lower Upper

91 100

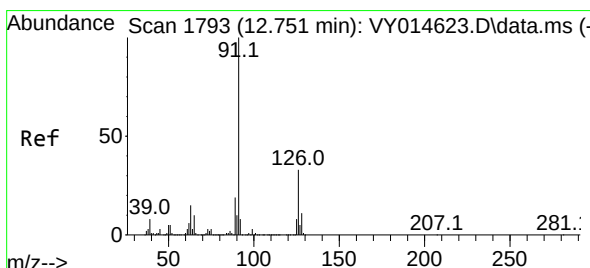
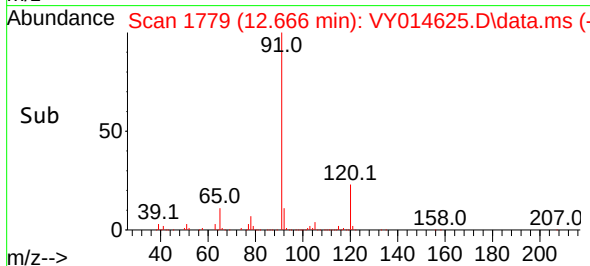
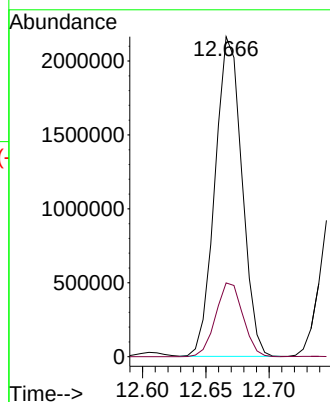
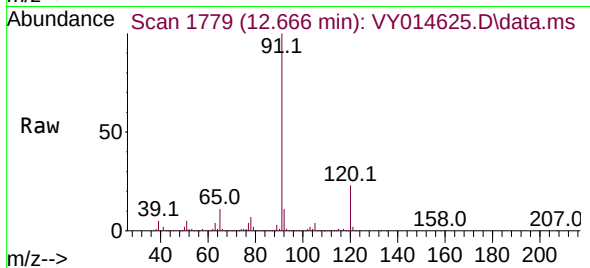
120 23.3 11.5 34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#79

2-Chlorotoluene

Concen: 145.497 ug/l

RT: 12.751 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VY014625.D

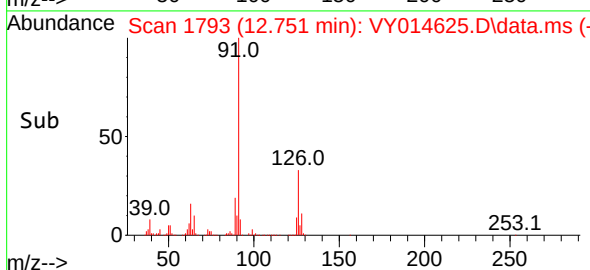
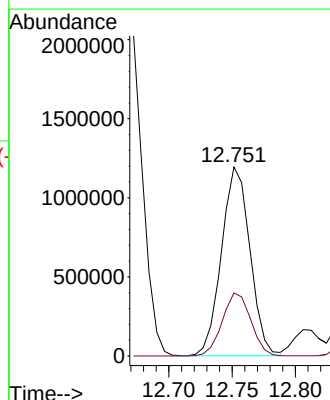
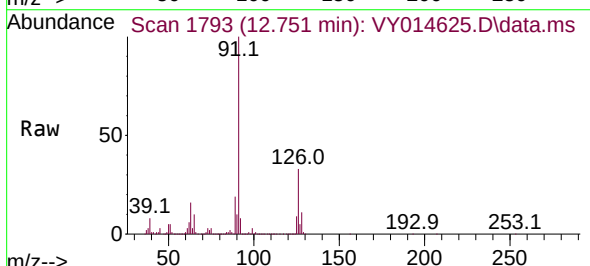
Acq: 13 Jul 2023 11:05

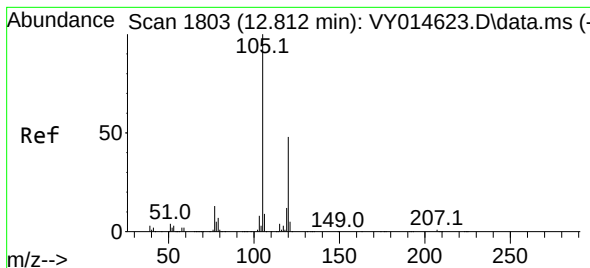
Tgt Ion: 91 Resp: 1873221

Ion Ratio Lower Upper

91 100

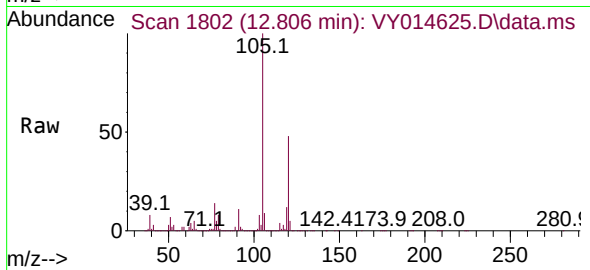
126 33.4 17.3 51.7





#80
1,3,5-Trimethylbenzene
Concen: 143.695 ug/l
RT: 12.806 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

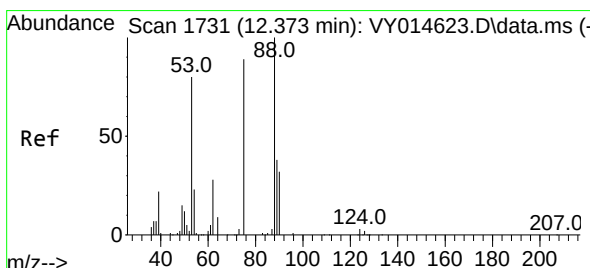
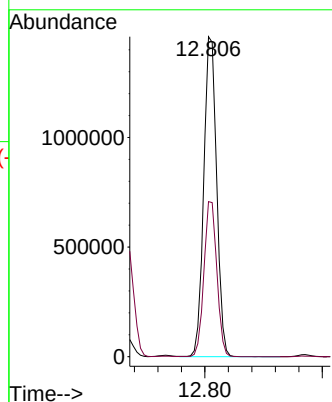
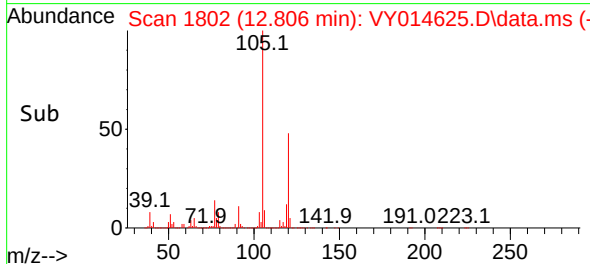
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion:105 Resp: 2226072
Ion Ratio Lower Upper
105 100
120 48.5 23.9 71.7

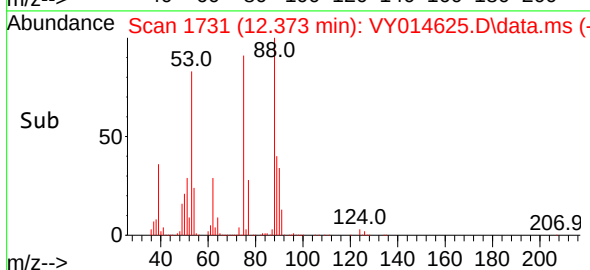
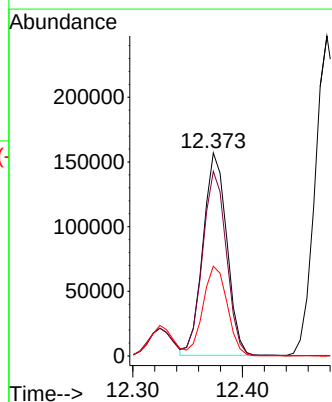
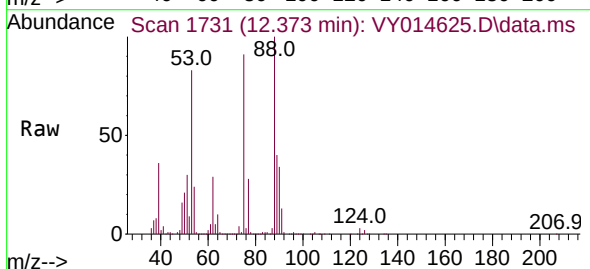
Manual Integrations
APPROVED

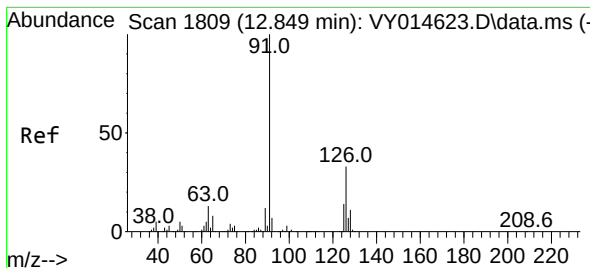
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#81
trans-1,4-Dichloro-2-butene
Concen: 152.702 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

Tgt Ion: 75 Resp: 235974
Ion Ratio Lower Upper
75 100
53 91.4 77.8 116.8
89 44.8 37.4 56.0





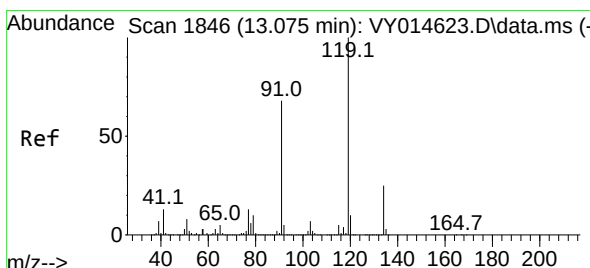
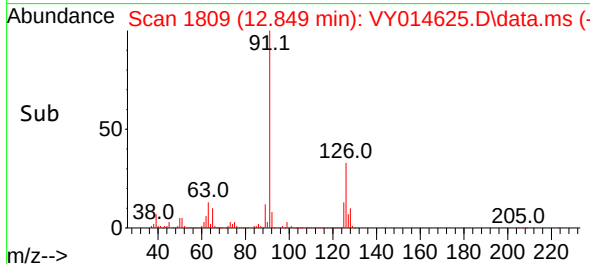
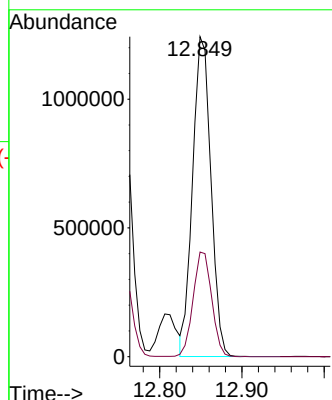
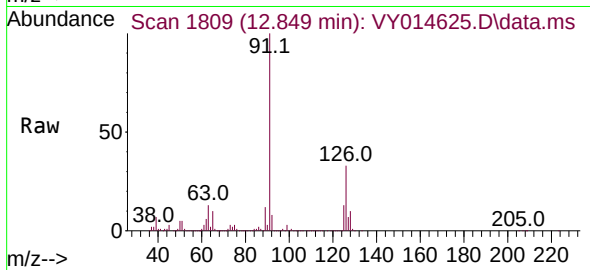
#82
4-Chlorotoluene
Concen: 144.795 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 191992
Ion Ratio Lower Upper
91 100
126 33.2 17.2 51.6

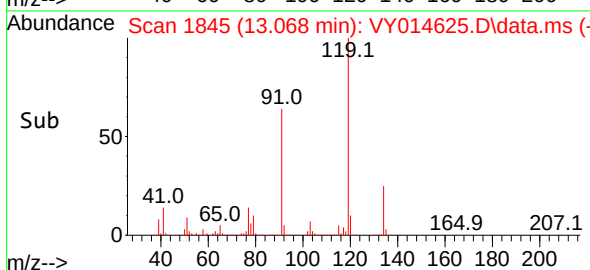
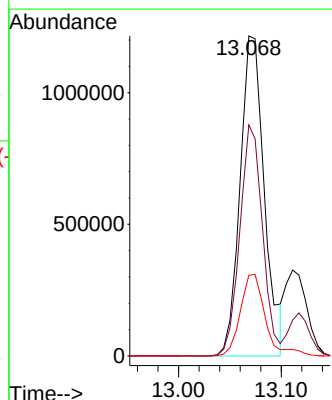
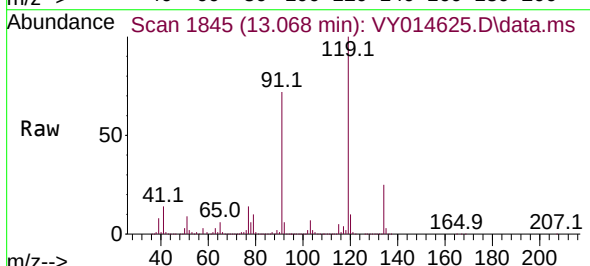
Manual Integrations
APPROVED

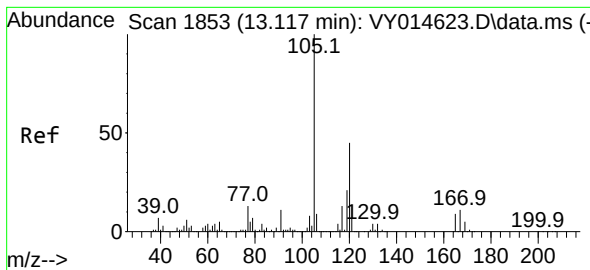
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#83
tert-Butylbenzene
Concen: 145.366 ug/l
RT: 13.068 min Scan# 1845
Delta R.T. -0.007 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

Tgt Ion:119 Resp: 1997624
Ion Ratio Lower Upper
119 100
91 67.4 32.9 98.6
134 26.3 13.0 38.9





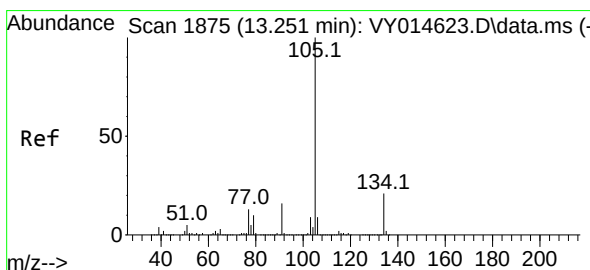
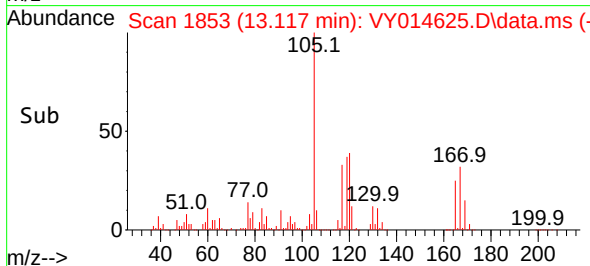
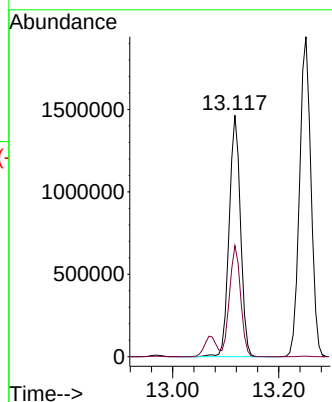
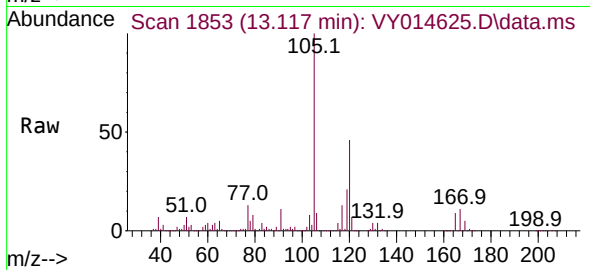
#84
1,2,4-Trimethylbenzene
Concen: 142.820 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:105 Resp: 217131
Ion Ratio Lower Upper
105 100
120 44.8 22.2 66.6

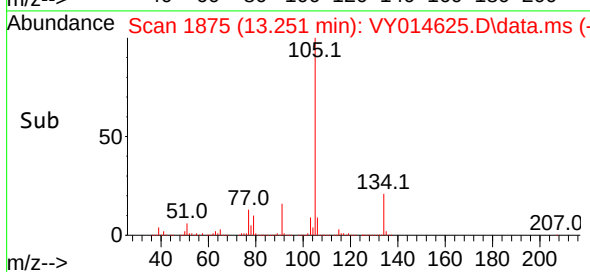
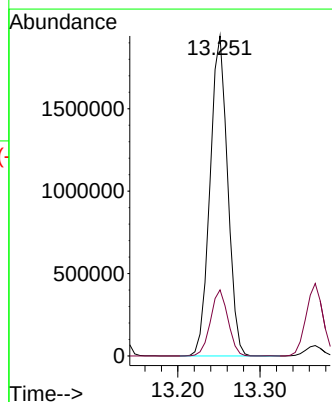
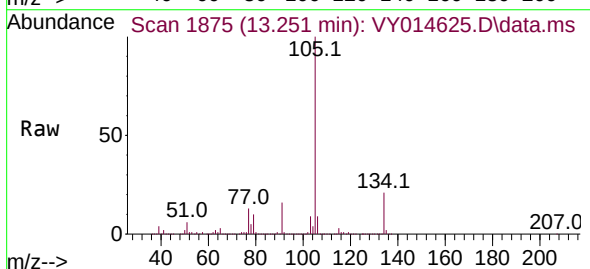
Manual Integrations
APPROVED

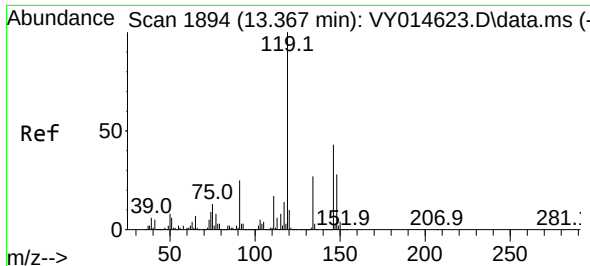
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#85
sec-Butylbenzene
Concen: 142.981 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

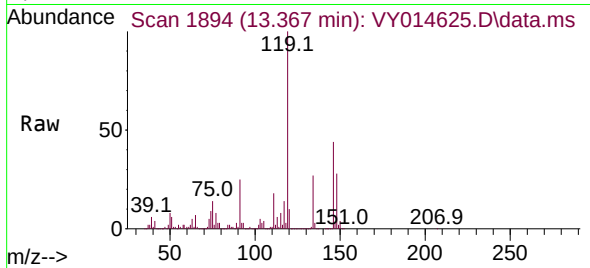
Tgt Ion:105 Resp: 2882320
Ion Ratio Lower Upper
105 100
134 20.5 10.2 30.6





#86
p-Isopropyltoluene
Concen: 141.928 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

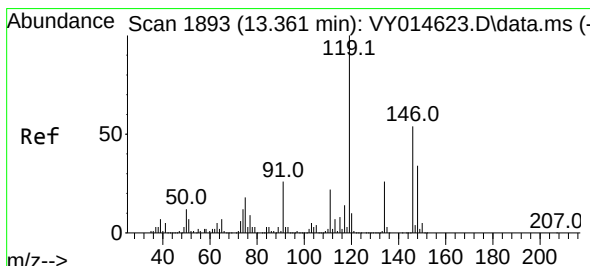
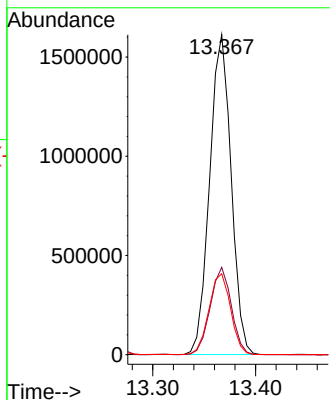
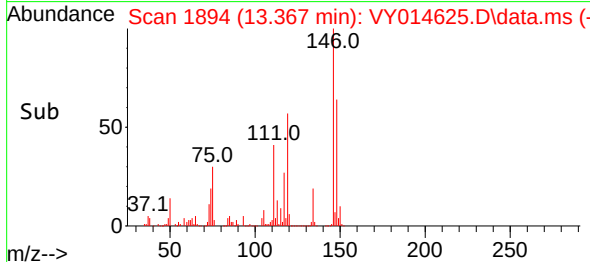
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



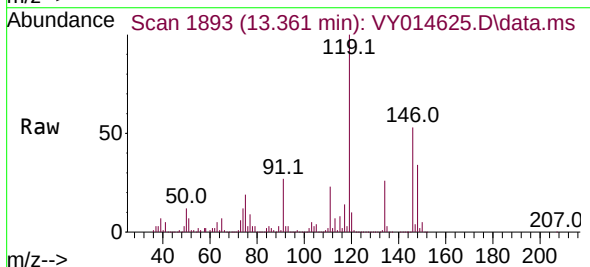
Tgt Ion:119 Resp: 2335980
Ion Ratio Lower Upper
119 100
134 26.8 13.3 39.8
91 25.6 12.4 37.4

Manual Integrations
APPROVED

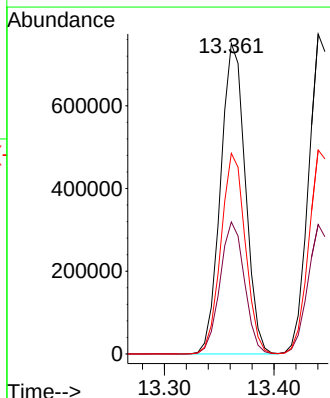
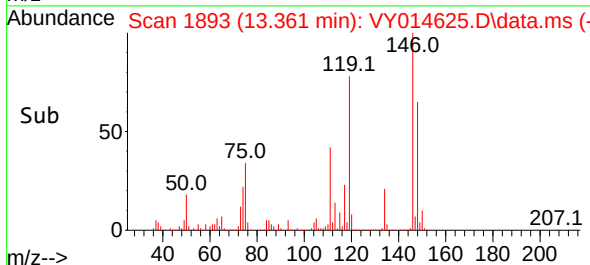
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

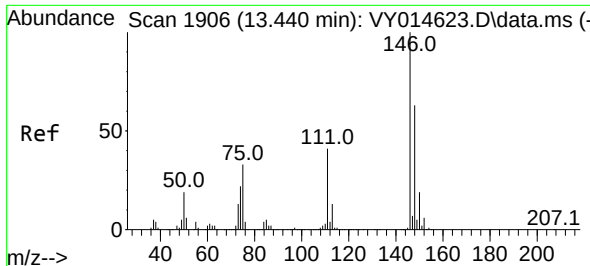


#87
1,3-Dichlorobenzene
Concen: 142.769 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05



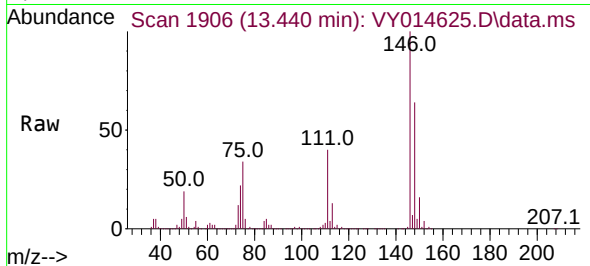
Tgt Ion:146 Resp: 1176551
Ion Ratio Lower Upper
146 100
111 41.9 19.4 58.2
148 63.8 31.9 95.5





#88
1,4-Dichlorobenzene
Concen: 144.142 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

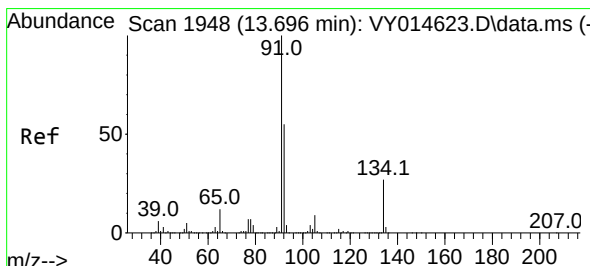
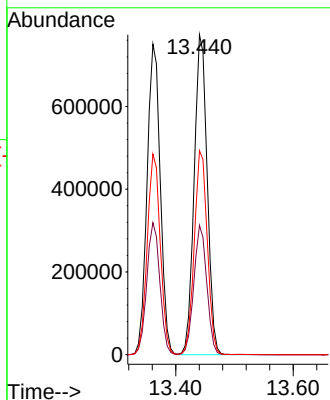
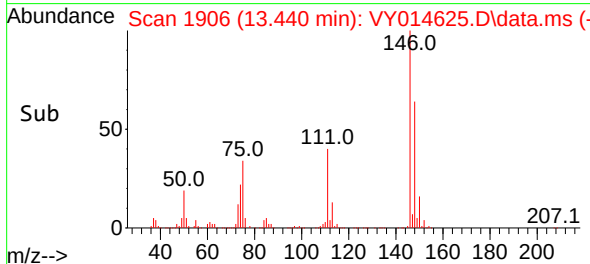
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



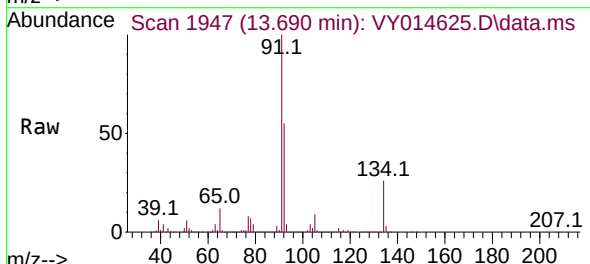
Tgt Ion:146 Resp: 1190339
Ion Ratio Lower Upper
146 100
111 40.1 18.9 56.7
148 63.7 32.1 96.5

Manual Integrations
APPROVED

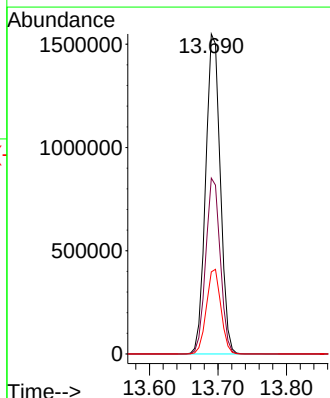
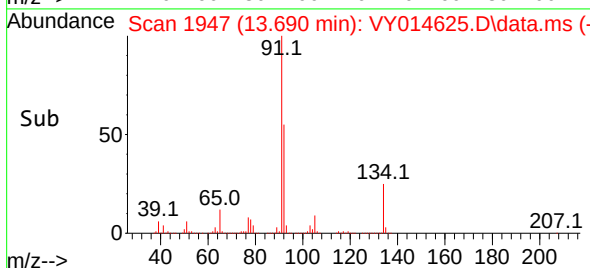
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

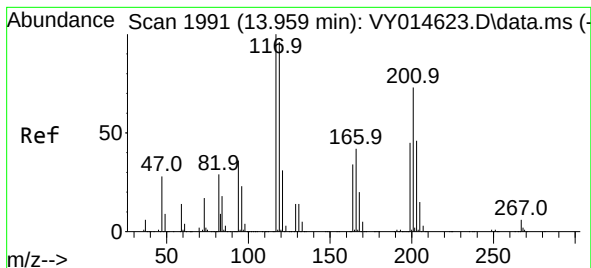


#89
n-Butylbenzene
Concen: 143.838 ug/l
RT: 13.690 min Scan# 1947
Delta R.T. -0.006 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05



Tgt Ion: 91 Resp: 2303273
Ion Ratio Lower Upper
91 100
92 54.6 25.4 76.0
134 26.3 12.6 37.6





#90

Hexachloroethane

Concen: 146.394 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.001 min

Lab File: VY014625.D

Acq: 13 Jul 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion:117 Resp: 494909

Ion Ratio Lower Upper

117 100

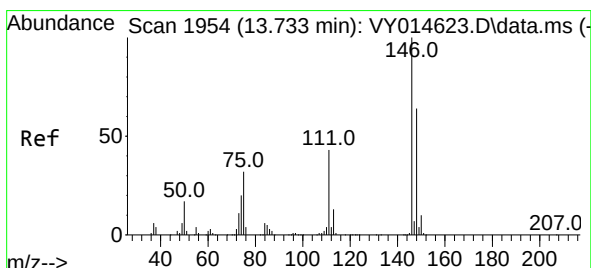
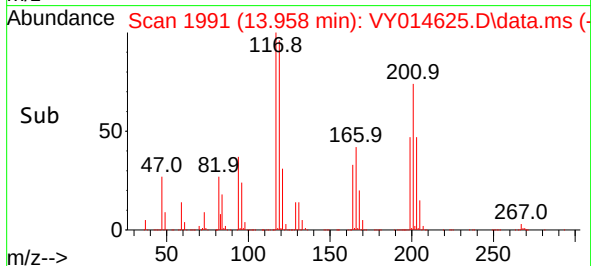
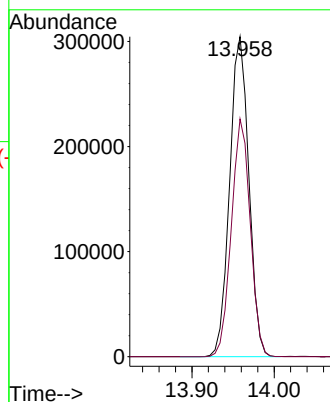
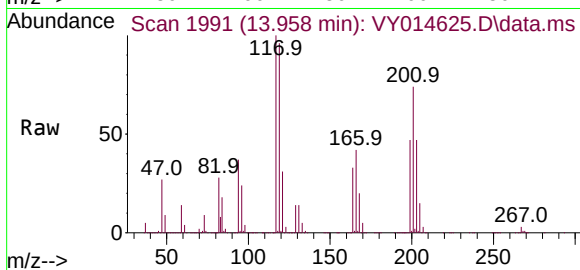
201 73.1 41.6 124.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#91

1,2-Dichlorobenzene

Concen: 144.725 ug/l

RT: 13.733 min Scan# 1954

Delta R.T. -0.000 min

Lab File: VY014625.D

Acq: 13 Jul 2023 11:05

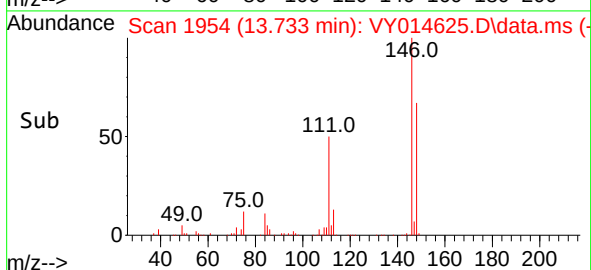
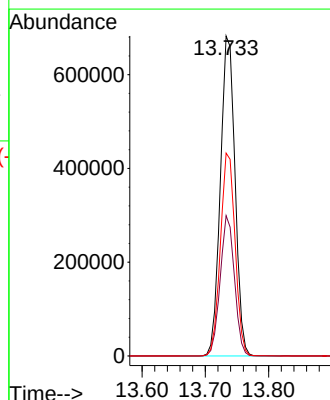
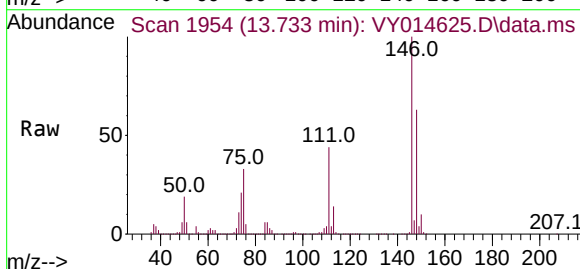
Tgt Ion:146 Resp: 1092720

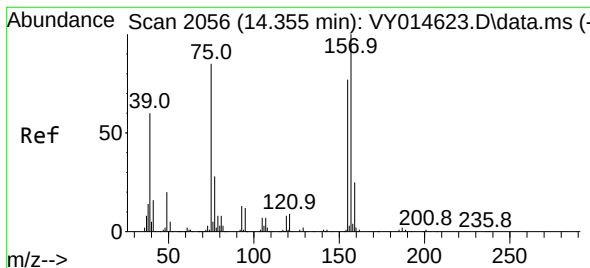
Ion Ratio Lower Upper

146 100

111 42.7 19.7 59.0

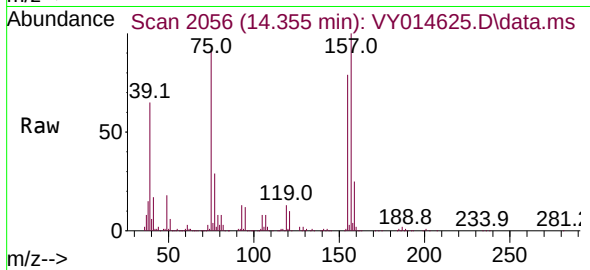
148 63.5 32.0 96.2





#92
1,2-Dibromo-3-Chloropropane
Concen: 151.735 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05

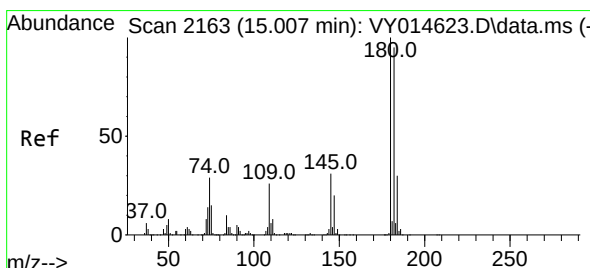
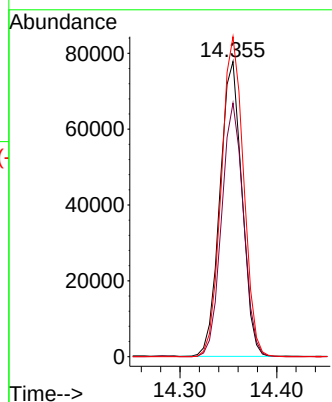
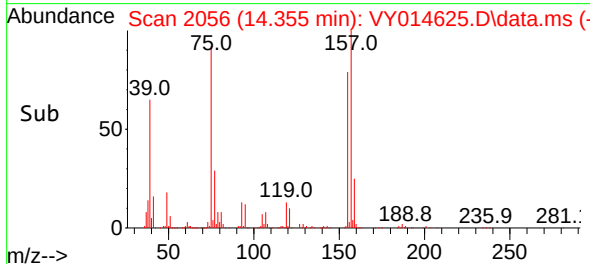
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



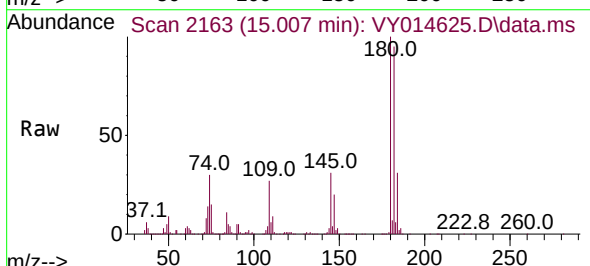
Tgt Ion: 75 Resp: 122749
Ion Ratio Lower Upper
75 100
155 85.1 41.5 124.6
157 109.8 51.8 155.5

Manual Integrations
APPROVED

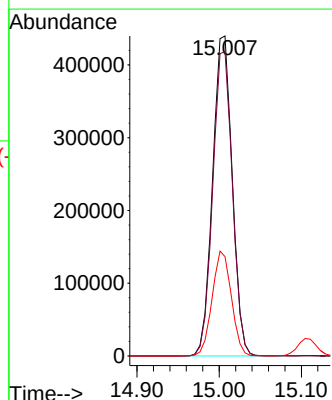
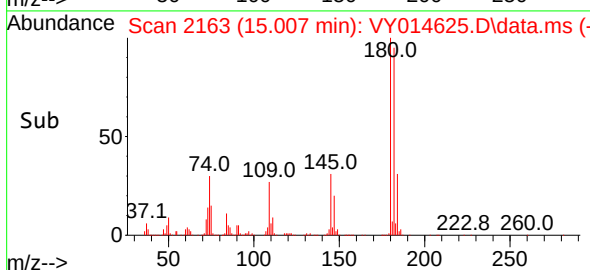
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

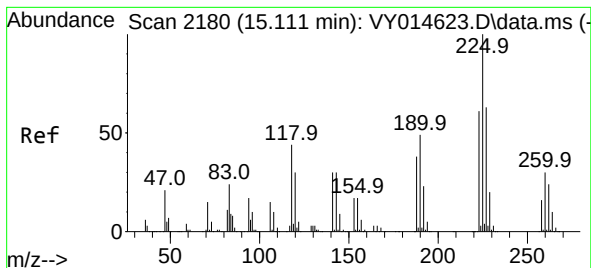


#93
1,2,4-Trichlorobenzene
Concen: 152.089 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY014625.D
Acq: 13 Jul 2023 11:05



Tgt Ion:180 Resp: 728944
Ion Ratio Lower Upper
180 100
182 95.1 47.0 141.2
145 32.2 14.5 43.5





#94

Hexachlorobutadiene

Concen: 147.106 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014625.D

Acq: 13 Jul 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion:225 Resp: 38745

Ion Ratio Lower Upper

225 100

223 62.9 31.9 95.9

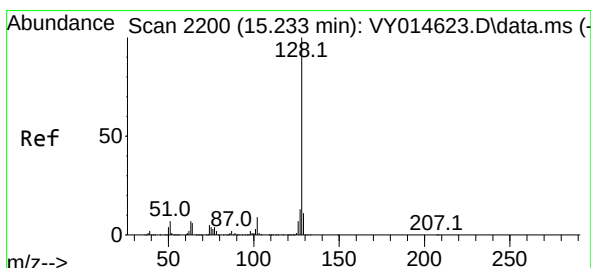
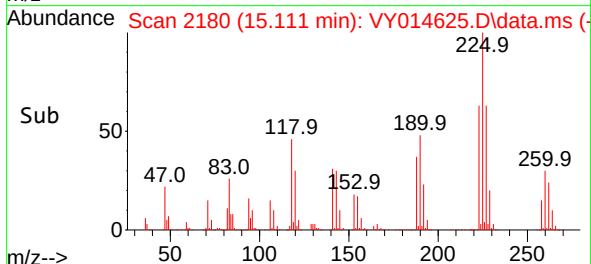
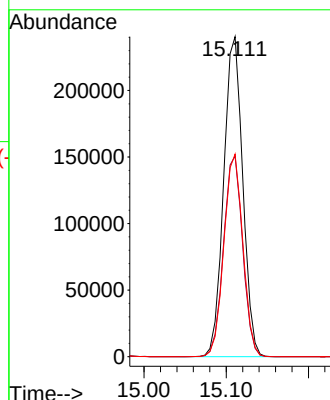
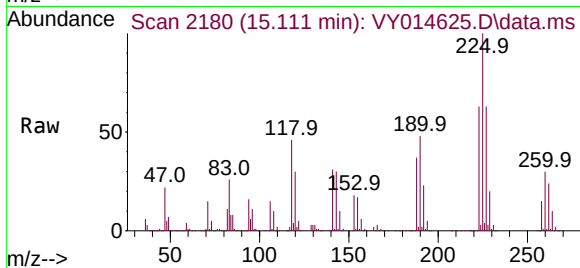
227 63.1 33.0 98.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#95

Naphthalene

Concen: 156.503 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY014625.D

Acq: 13 Jul 2023 11:05

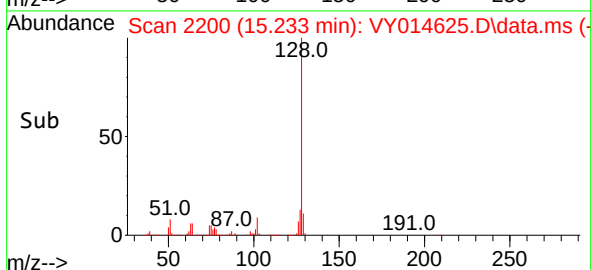
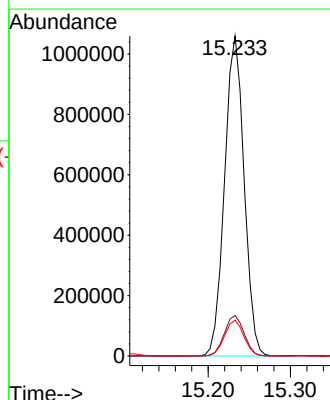
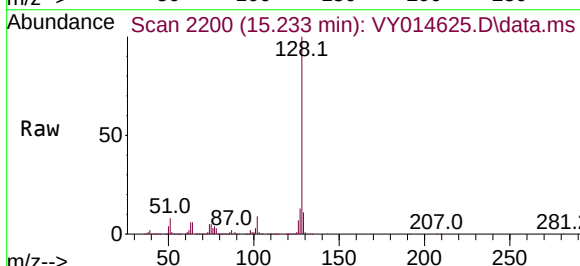
Tgt Ion:128 Resp: 1747562

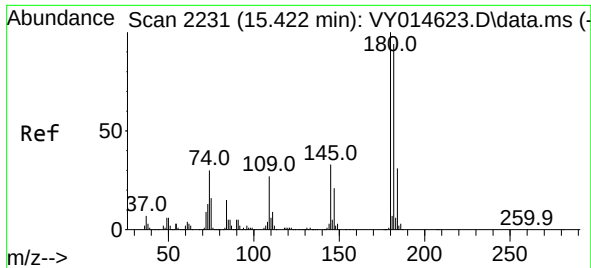
Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

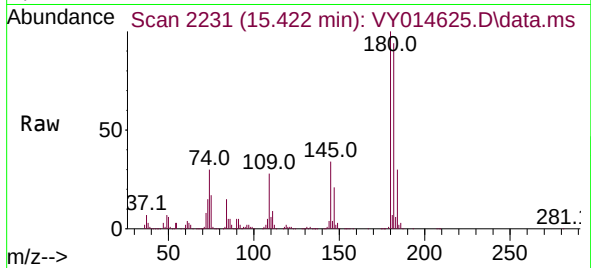
129 11.1 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 154.296 ug/l
 RT: 15.422 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY014625.D
 Acq: 13 Jul 2023 11:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150



Tgt Ion:180 Resp: 65724
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.3 141.8
 145 33.8 15.4 46.2

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