

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071323\
 Data File : VY014624.D
 Acq On : 13 Jul 2023 10:42
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Jul 14 02:00:32 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	329817	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	546640	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	479710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	229317	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	374819	99.729	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 199.460%#			
35) Dibromofluoromethane	7.716	113	346449	99.561	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 199.120%#			
50) Toluene-d8	10.179	98	1252312	97.614	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 195.220%#			
62) 4-Bromofluorobenzene	12.477	95	478847	97.342	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 194.680%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	265419	98.776	ug/l	99
3) Chloromethane	2.107	50	299140	99.036	ug/l	99
4) Vinyl Chloride	2.241	62	340996	101.014	ug/l	97
5) Bromomethane	2.619	94	203224	91.096	ug/l	100
6) Chloroethane	2.777	64	214736	101.836	ug/l	96
7) Trichlorofluoromethane	3.107	101	592403	104.488	ug/l	99
8) Diethyl Ether	3.521	74	217297	103.010	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.887	101	364275	104.826	ug/l	94
10) Methyl Iodide	4.076	142	395612	104.672	ug/l	95
11) Tert butyl alcohol	4.948	59	352144	505.947	ug/l #	86
12) 1,1-Dichloroethene	3.856	96	338851	104.331	ug/l	93
13) Acrolein	3.722	56	199290	507.324	ug/l	99
14) Allyl chloride	4.466	41	595397	103.246	ug/l	95
15) Acrylonitrile	5.155	53	619309	532.399	ug/l	98
16) Acetone	3.942	43	615937	517.165	ug/l	91
17) Carbon Disulfide	4.180	76	935990	100.660	ug/l	98
18) Methyl Acetate	4.466	43	487446	106.651	ug/l	94
19) Methyl tert-butyl Ether	5.210	73	1104741	104.712	ug/l	99
20) Methylene Chloride	4.704	84	387854	104.881	ug/l	94
21) trans-1,2-Dichloroethene	5.204	96	378006	102.557	ug/l	99
22) Diisopropyl ether	6.112	45	1221147	104.155	ug/l	91
23) Vinyl Acetate	6.051	43	3699195	527.238	ug/l	95
24) 1,1-Dichloroethane	6.009	63	695136	103.620	ug/l	97
25) 2-Butanone	6.978	43	906808	520.434	ug/l	97
26) 2,2-Dichloropropane	6.972	77	645535	100.967	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	441746	102.965	ug/l	97
28) Bromochloromethane	7.325	49	283822	98.235	ug/l	96
29) Tetrahydrofuran	7.338	42	569527	530.832	ug/l	94
30) Chloroform	7.502	83	711561	102.860	ug/l	97
31) Cyclohexane	7.777	56	603381	96.712	ug/l	95
32) 1,1,1-Trichloroethane	7.697	97	652000	104.720	ug/l	99
36) 1,1-Dichloropropene	7.911	75	543162	104.376	ug/l	100
37) Ethyl Acetate	7.069	43	380768	106.275	ug/l #	95
38) Carbon Tetrachloride	7.892	117	579149	105.281	ug/l	99
39) Methylcyclohexane	9.179	83	696351	102.711	ug/l	97
40) Benzene	8.154	78	1527187	103.187	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	166827m	88.050	ug/l	
42) 1,2-Dichloroethane	8.234	62	492092	104.995	ug/l	95
43) Isopropyl Acetate	8.270	43	721819	105.760	ug/l	97
44) Trichloroethene	8.935	130	425420	102.735	ug/l	97
45) 1,2-Dichloropropane	9.209	63	399722	103.430	ug/l	98
46) Dibromomethane	9.301	93	242796	103.560	ug/l	95
47) Bromodichloromethane	9.490	83	577600	104.529	ug/l	98
48) Methyl methacrylate	9.288	41	329556	107.310	ug/l	94
49) 1,4-Dioxane	9.295	88	81932	2143.184	ug/l #	59
51) 4-Methyl-2-Pentanone	10.069	43	1900034	530.224	ug/l	95
52) Toluene	10.239	92	978585	103.329	ug/l	93
53) t-1,3-Dichloropropene	10.459	75	630515	104.316	ug/l	99
54) cis-1,3-Dichloropropene	9.922	75	677367	103.054	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	340799	104.354	ug/l	97
56) Ethyl methacrylate	10.508	69	534113	107.115	ug/l	92
57) 1,3-Dichloropropane	10.788	76	583911	103.662	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	1187244	511.005	ug/l	95
59) 2-Hexanone	10.831	43	1389268	531.625	ug/l	93
60) Dibromochloromethane	10.983	129	417987	104.390	ug/l	100
61) 1,2-Dibromoethane	11.087	107	339016	104.058	ug/l	99
64) Tetrachloroethene	10.715	164	380719	98.679	ug/l	97
65) Chlorobenzene	11.514	112	1055986	103.300	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	396858	102.964	ug/l	98
67) Ethyl Benzene	11.587	91	1893502	102.591	ug/l	99
68) m/p-Xylenes	11.697	106	1439492	204.316	ug/l	98
69) o-Xylene	12.026	106	705032	102.740	ug/l	99
70) Styrene	12.044	104	1188097	102.724	ug/l	99
71) Bromoform	12.203	173	273786	104.796	ug/l #	100
73) Isopropylbenzene	12.324	105	1868120	104.041	ug/l	99
74) N-amyl acetate	12.142	43	658969	109.578	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	435530	106.365	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	305504m	104.103	ug/l	
77) Bromobenzene	12.605	156	429502	104.791	ug/l	92
78) n-propylbenzene	12.666	91	2263757	104.626	ug/l	100
79) 2-Chlorotoluene	12.751	91	1303863	104.624	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	1553124	103.572	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	163124	109.052	ug/l	96
82) 4-Chlorotoluene	12.849	91	1336444	104.125	ug/l	98
83) tert-Butylbenzene	13.074	119	1389592	104.465	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	1521782	103.407	ug/l	99
85) sec-Butylbenzene	13.251	105	2024890	103.770	ug/l	100
86) p-Isopropyltoluene	13.367	119	1653501	103.785	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	823622	103.249	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	827368	103.503	ug/l	98
89) n-Butylbenzene	13.690	91	1626778	104.952	ug/l	96
90) Hexachloroethane	13.958	117	343148	104.861	ug/l	89
91) 1,2-Dichlorobenzene	13.733	146	757927	103.704	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	84461	107.860	ug/l	95
93) 1,2,4-Trichlorobenzene	15.001	180	499582	107.682	ug/l	97
94) Hexachlorobutadiene	15.111	225	269631	105.758	ug/l	98
95) Naphthalene	15.232	128	1193673	110.436	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	447366	108.499	ug/l	98

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

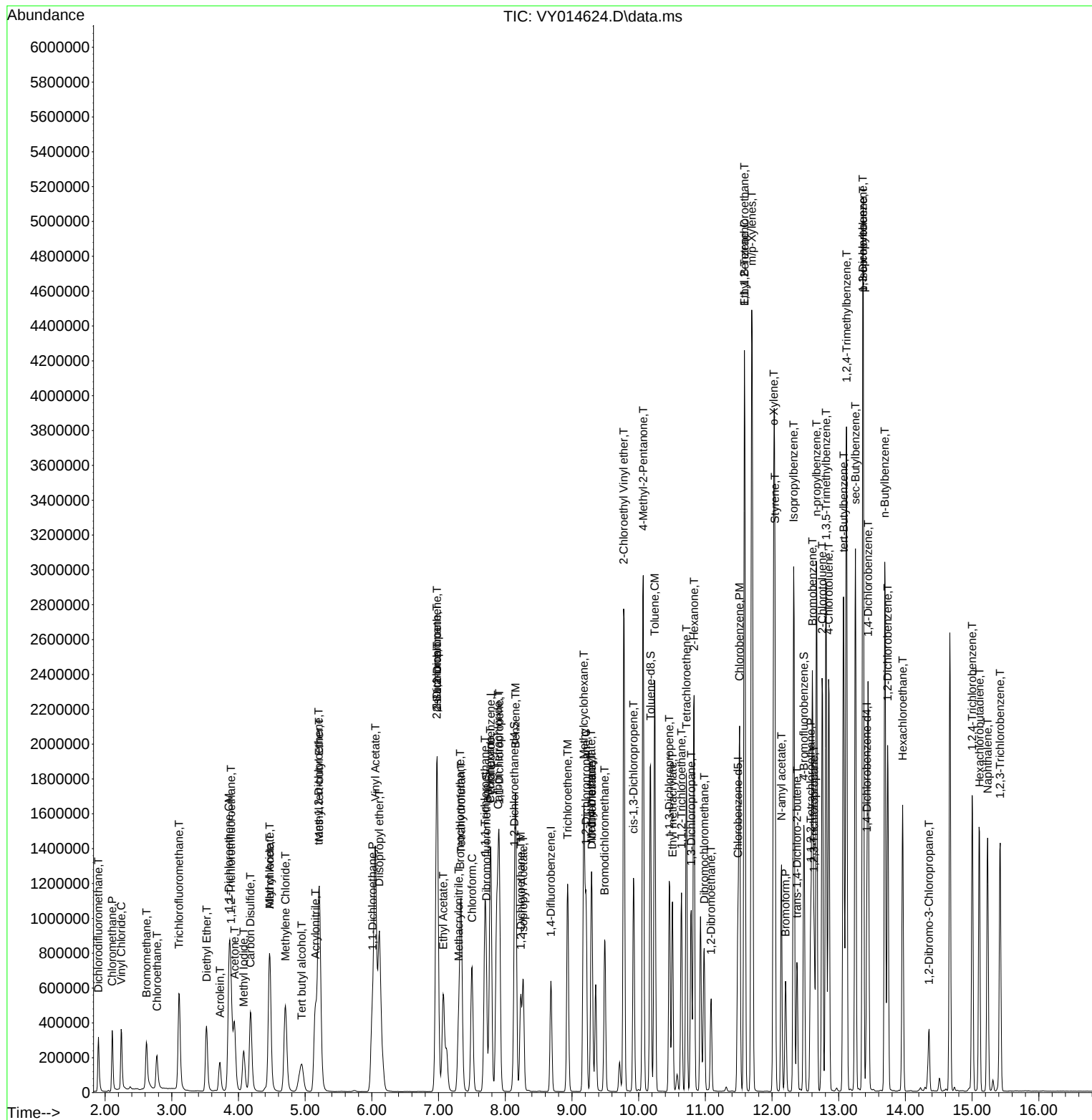
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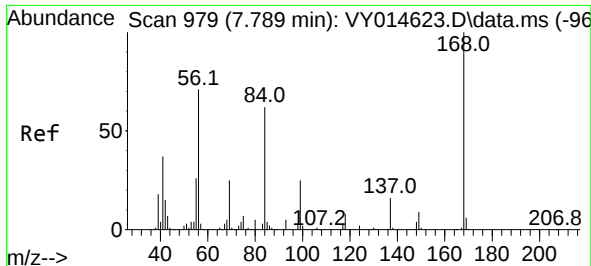
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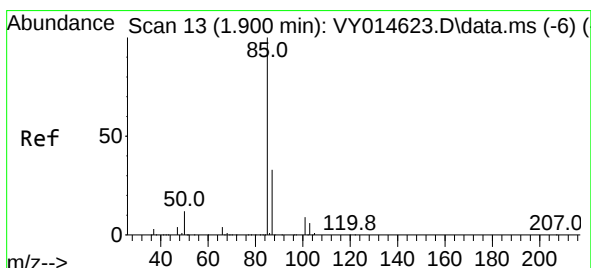
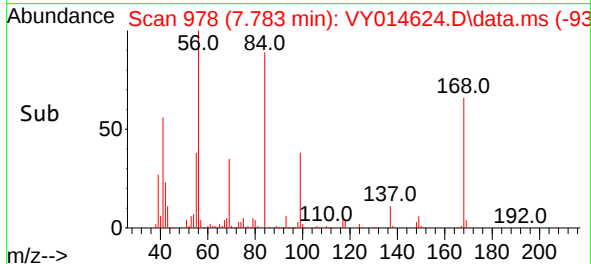
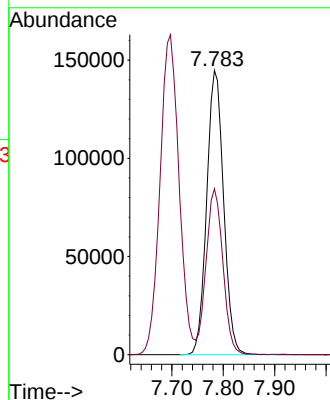
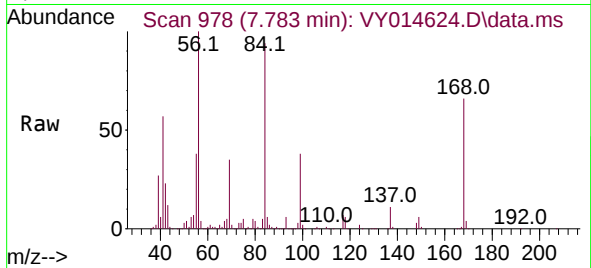
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014624.D
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ClientSampleId :
VSTDICC100

Tgt Ion:168 Resp: 32981
Ion Ratio Lower Upper
168 100
99 58.2 43.4 65.0

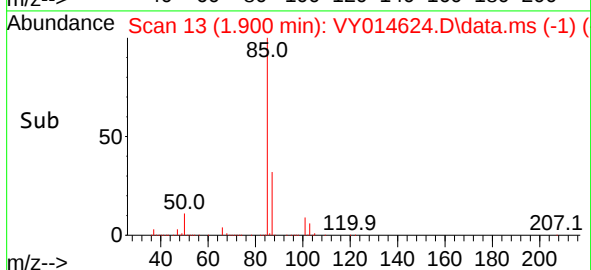
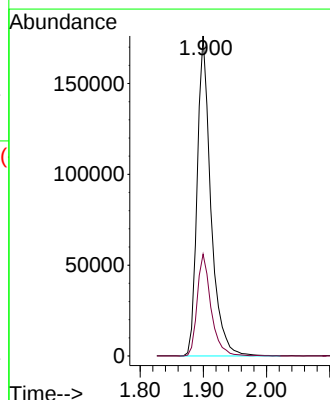
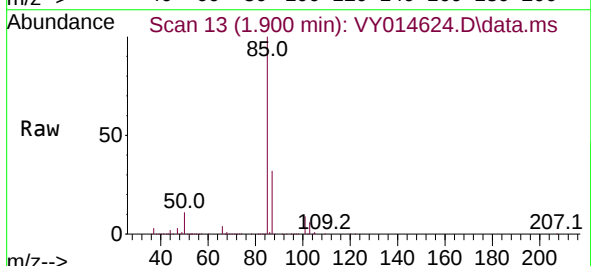
Manual Integrations
APPROVED

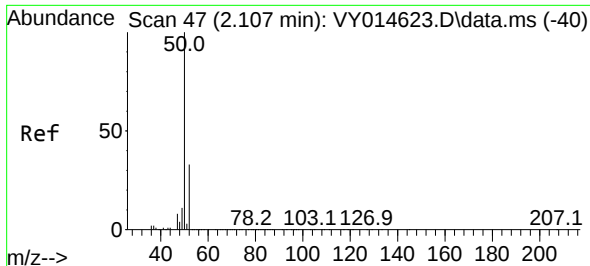
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#2
Dichlorodifluoromethane
Concen: 98.776 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

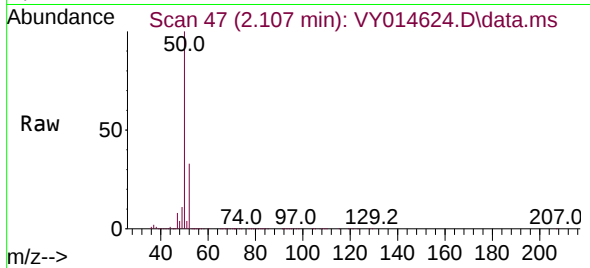
Tgt Ion: 85 Resp: 265419
Ion Ratio Lower Upper
85 100
87 31.8 15.6 46.8





#3
Chloromethane
Concen: 99.036 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

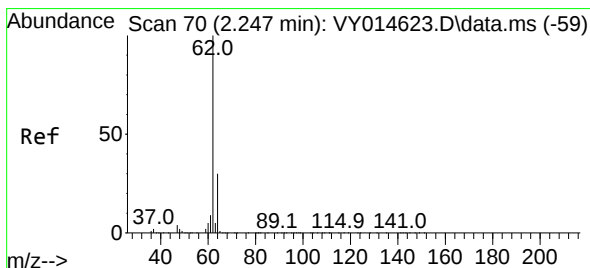
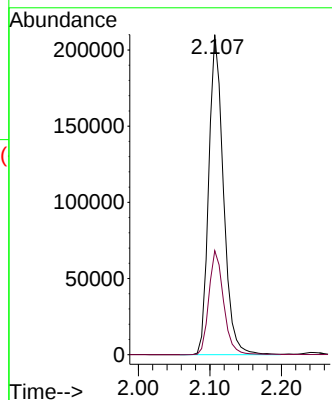
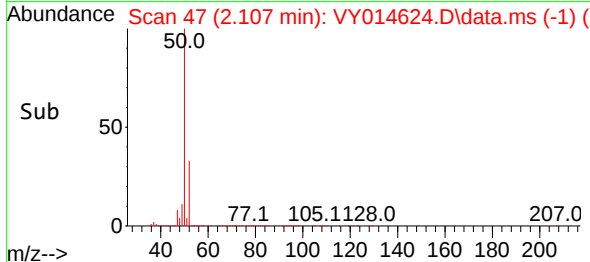
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VSTDICC100



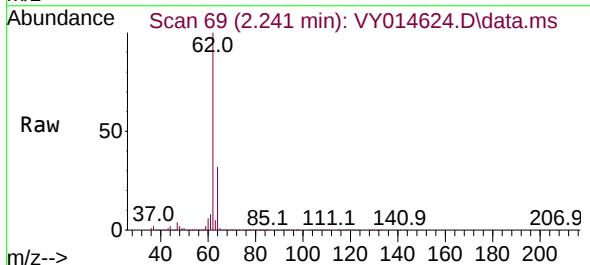
Tgt Ion: 50 Resp: 299140
Ion Ratio Lower Upper
50 100
52 32.5 25.4 38.2

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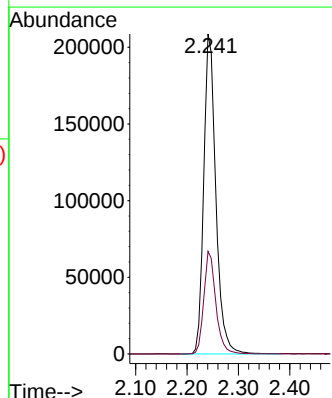
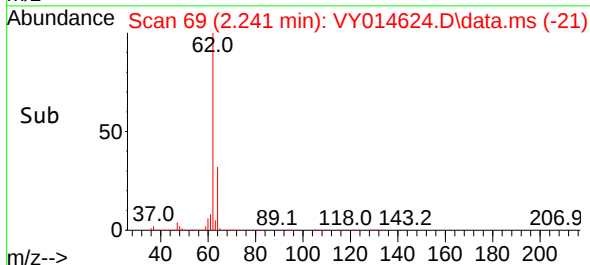
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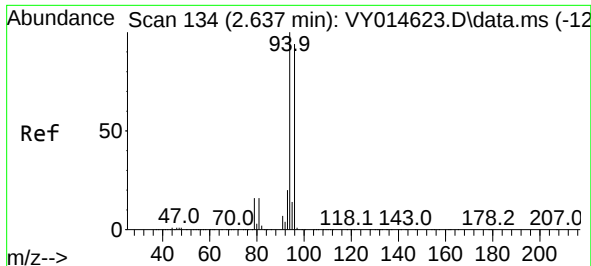


#4
Vinyl Chloride
Concen: 101.014 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.006 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42



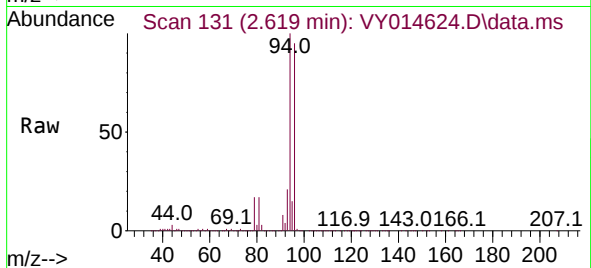
Tgt Ion: 62 Resp: 340996
Ion Ratio Lower Upper
62 100
64 32.1 24.3 36.5





#5
Bromomethane
Concen: 91.096 ug/l
RT: 2.619 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

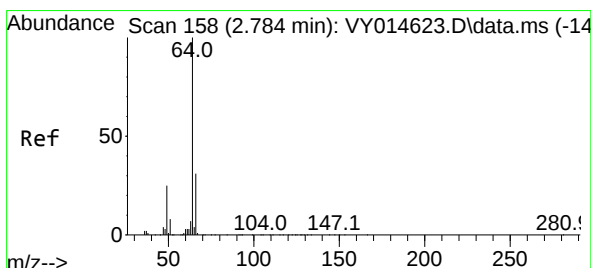
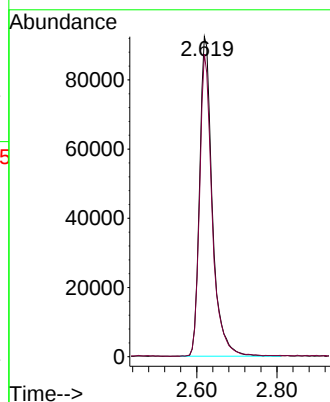
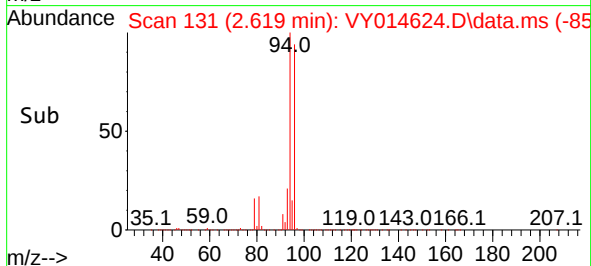
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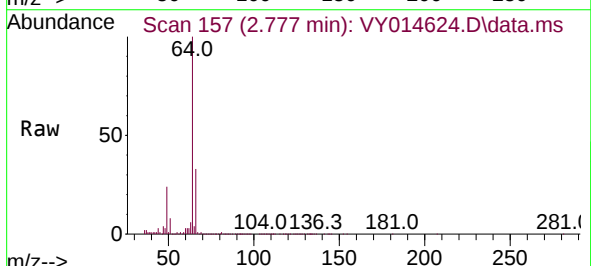
Tgt Ion: 94 Resp: 203224
Ion Ratio Lower Upper
94 100
96 94.5 75.8 113.6

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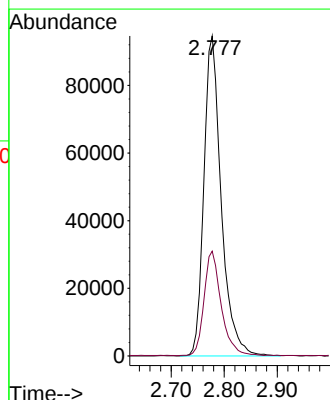
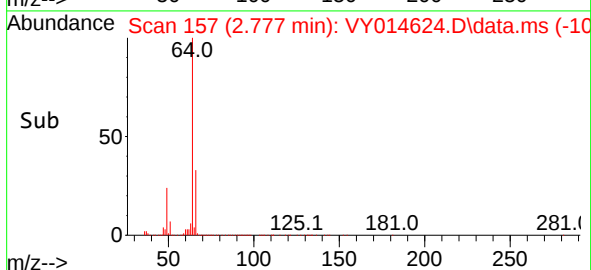
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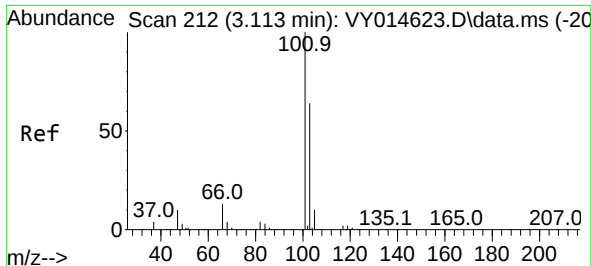


#6
Chloroethane
Concen: 101.836 ug/l
RT: 2.777 min Scan# 157
Delta R.T. -0.007 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42



Tgt Ion: 64 Resp: 214736
Ion Ratio Lower Upper
64 100
66 32.6 24.4 36.6





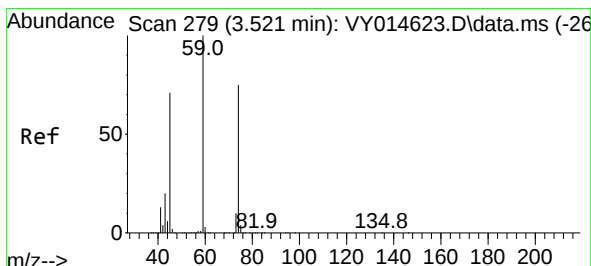
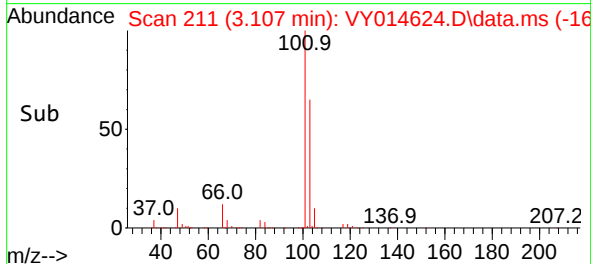
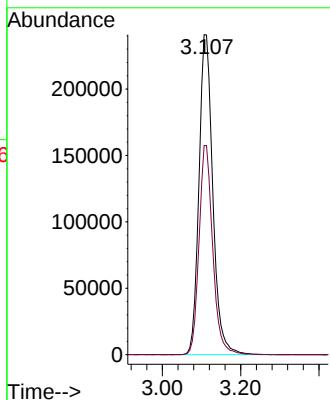
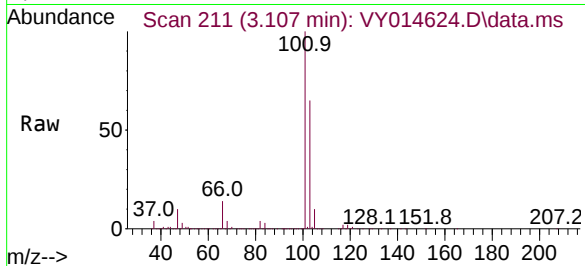
#7
Trichlorofluoromethane
Concen: 104.488 ug/l
RT: 3.107 min Scan# 212
Delta R.T. -0.006 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

Instrument :
MSVOA_Y
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VSTDIC100

Tgt Ion:101 Resp: 59240
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.0

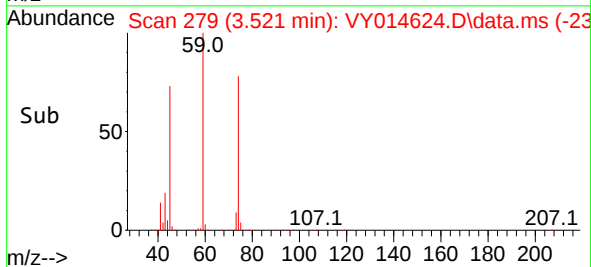
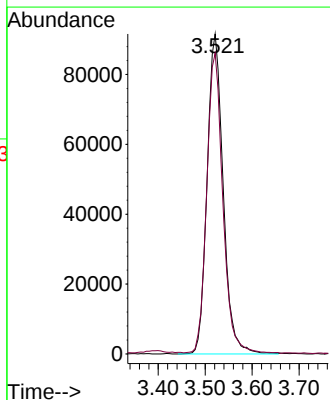
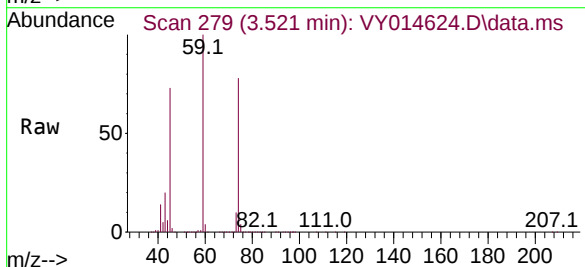
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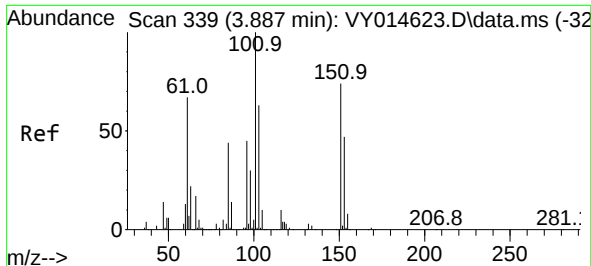
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#8
Diethyl Ether
Concen: 103.010 ug/l
RT: 3.521 min Scan# 279
Delta R.T. 0.000 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

Tgt Ion: 74 Resp: 217297
Ion Ratio Lower Upper
74 100
45 94.0 51.5 154.5





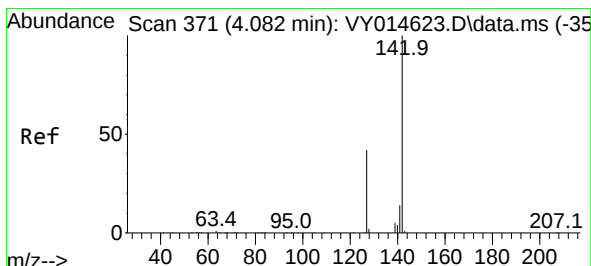
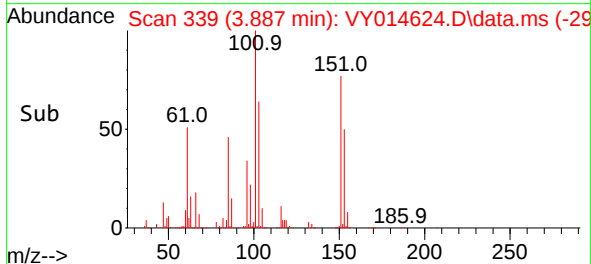
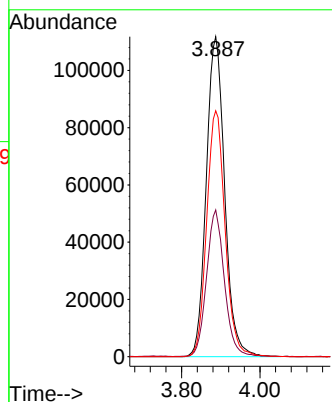
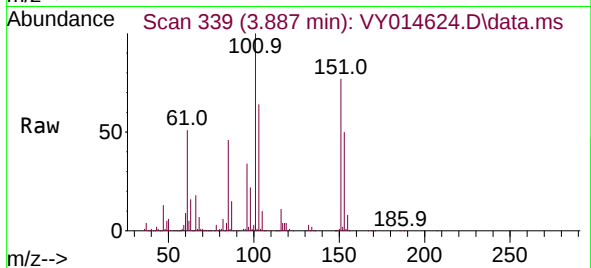
#9
1,1,2-Trichlorotrifluoroethane
Concen: 104.826 ug/l
RT: 3.887 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 364275
Ion Ratio Lower Upper
101 100
85 44.3 36.6 55.0
151 76.9 67.0 100.6

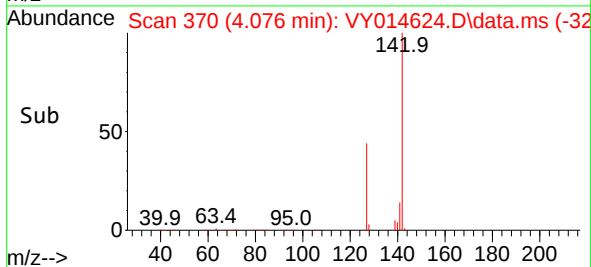
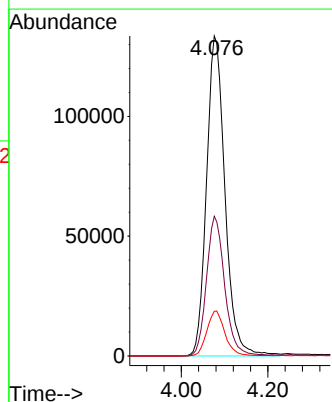
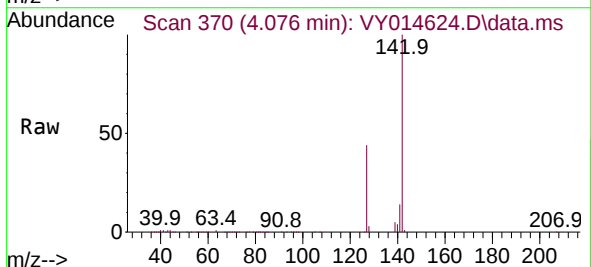
Manual Integrations
APPROVED

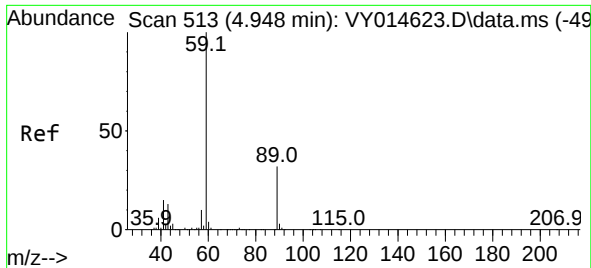
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#10
Methyl Iodide
Concen: 104.672 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

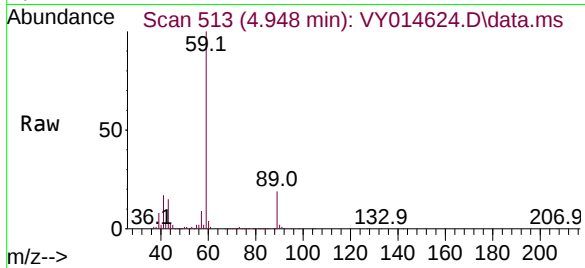
Tgt Ion:142 Resp: 395612
Ion Ratio Lower Upper
142 100
127 43.1 37.6 56.4
141 13.9 11.8 17.8





#11
Tert butyl alcohol
Concen: 505.947 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

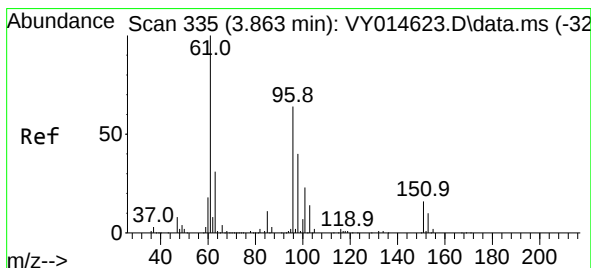
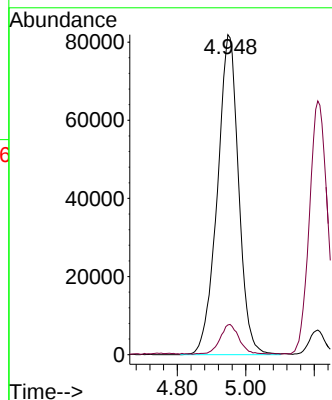
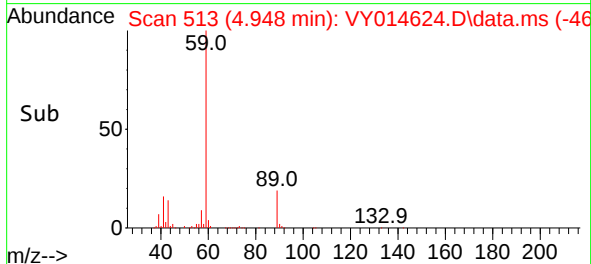
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



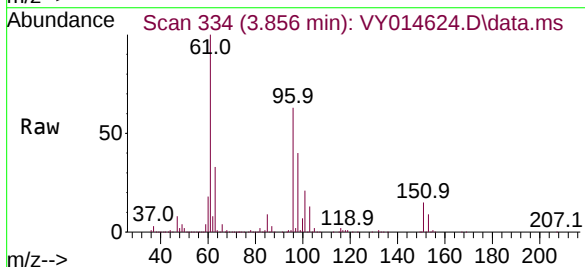
Tgt Ion: 59 Resp: 352144
Ion Ratio Lower Upper
59 100
57 8.4 3.0 4.4

Manual Integrations
APPROVED

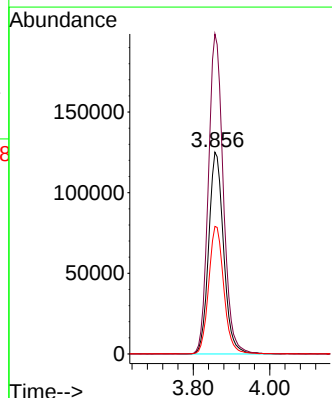
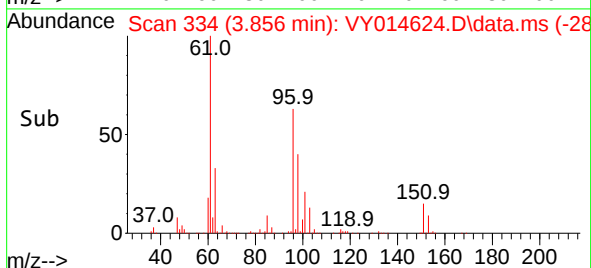
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

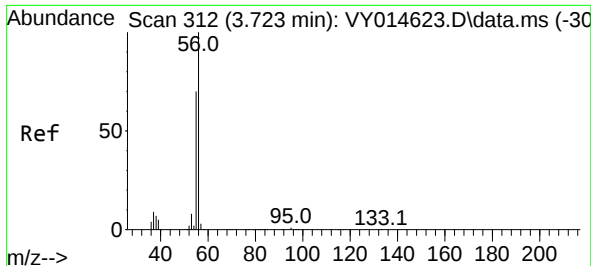


#12
1,1-Dichloroethene
Concen: 104.331 ug/l
RT: 3.856 min Scan# 334
Delta R.T. -0.007 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42



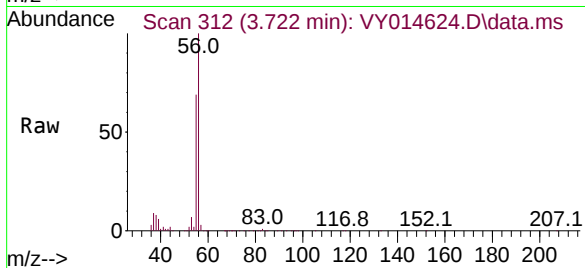
Tgt Ion: 96 Resp: 338851
Ion Ratio Lower Upper
96 100
61 158.7 136.4 204.6
98 63.2 49.4 74.2





#13
Acrolein
Concen: 507.324 ug/l
RT: 3.722 min Scan# 312
Delta R.T. -0.001 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

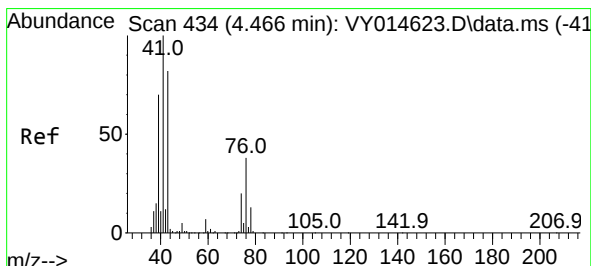
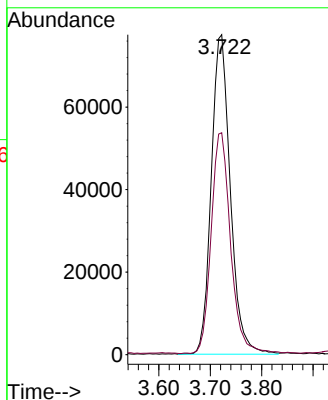
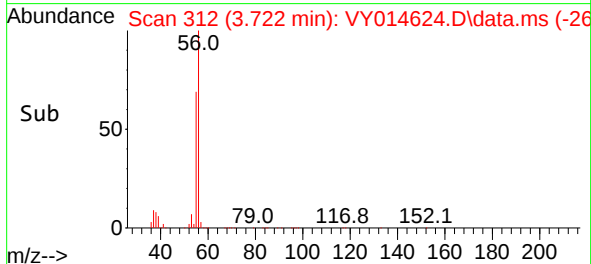
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



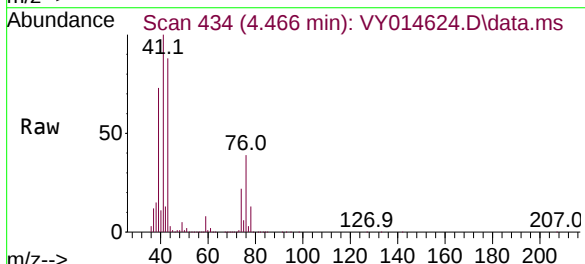
Tgt Ion: 56 Resp: 199290
Ion Ratio Lower Upper
56 100
55 70.4 57.0 85.4

Manual Integrations
APPROVED

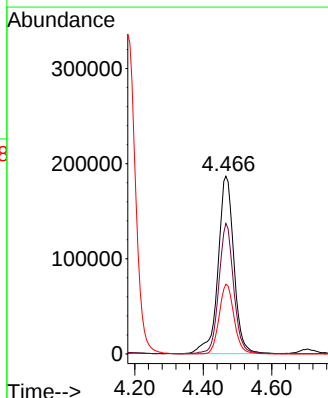
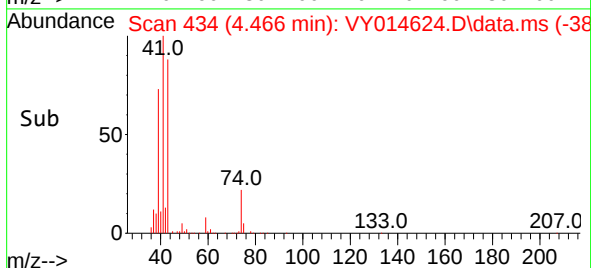
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

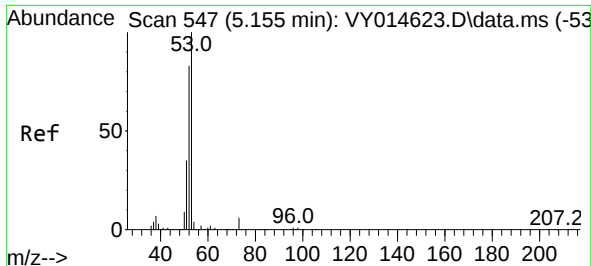


#14
Allyl chloride
Concen: 103.246 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42



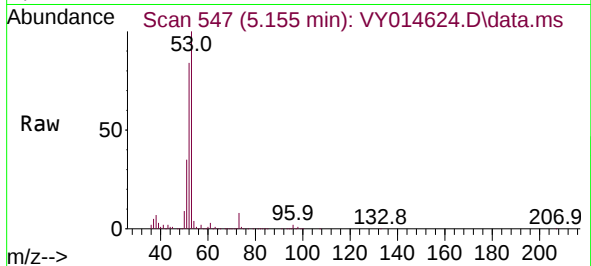
Tgt Ion: 41 Resp: 595397
Ion Ratio Lower Upper
41 100
39 68.6 58.0 87.0
76 36.9 27.4 41.2





#15
Acrylonitrile
Concen: 532.399 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

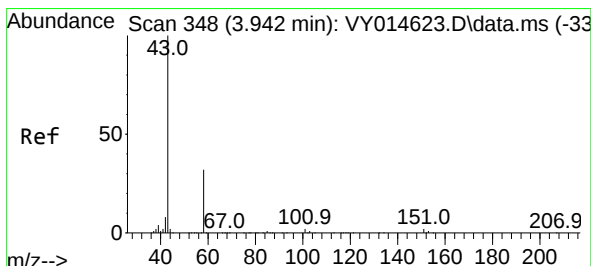
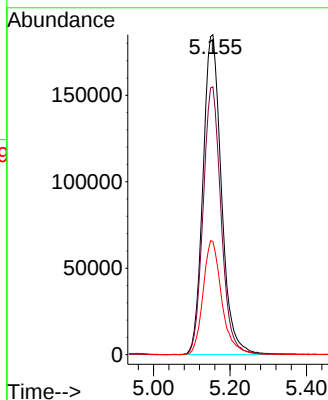
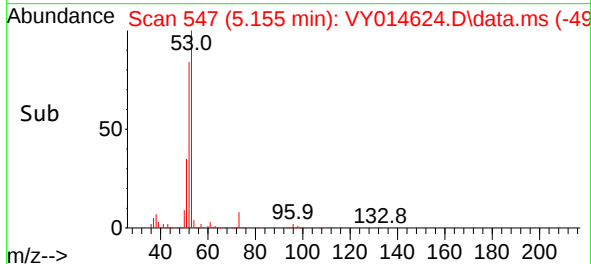
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



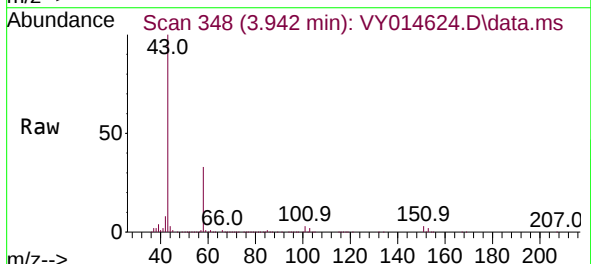
Tgt Ion: 53 Resp: 619309
Ion Ratio Lower Upper
53 100
52 81.7 66.9 100.3
51 36.1 29.8 44.6

Manual Integrations
APPROVED

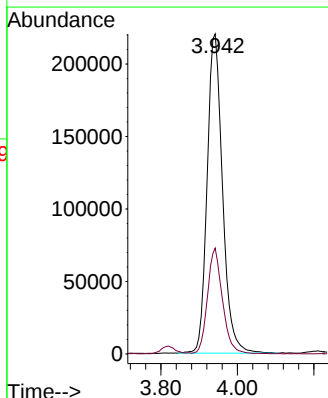
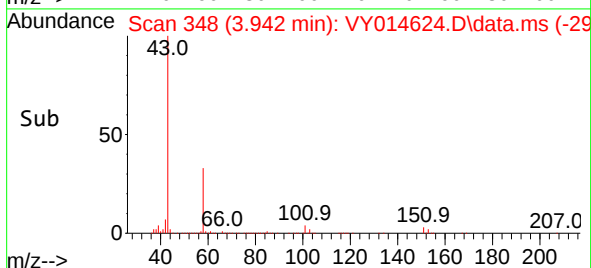
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

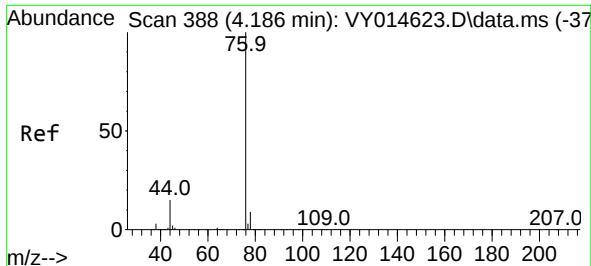


#16
Acetone
Concen: 517.165 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42



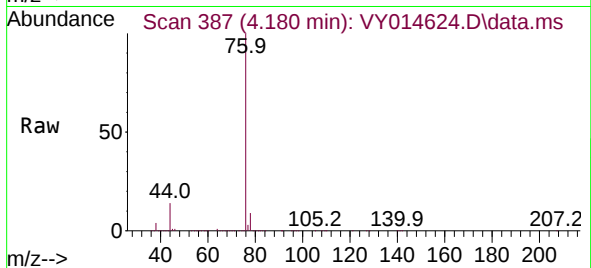
Tgt Ion: 43 Resp: 615937
Ion Ratio Lower Upper
43 100
58 33.1 22.7 34.1





#17
Carbon Disulfide
Concen: 100.660 ug/l
RT: 4.180 min Scan# 388
Delta R.T. -0.006 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

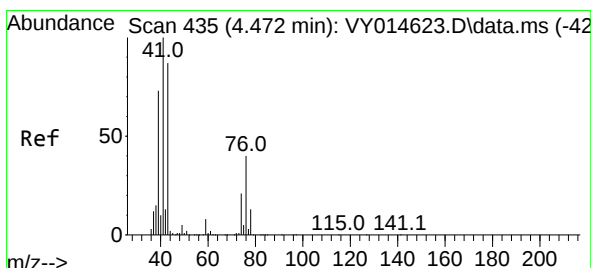
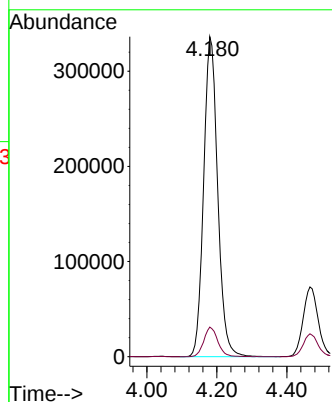
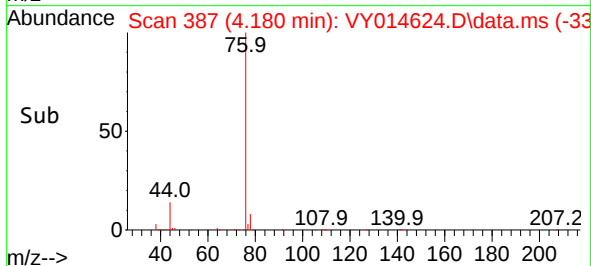
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



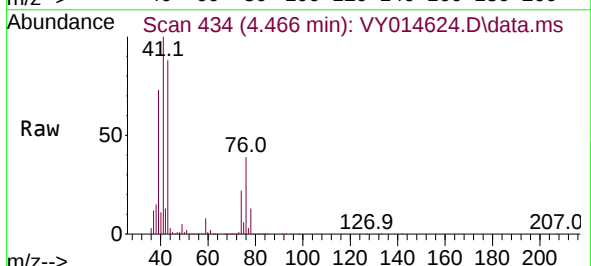
Tgt Ion: 76 Resp: 935990
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4

Manual Integrations
APPROVED

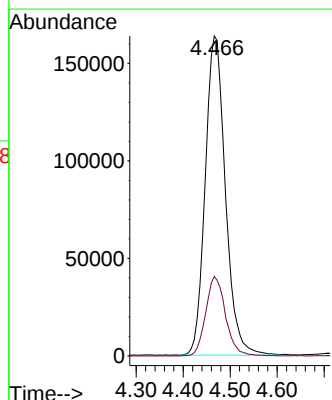
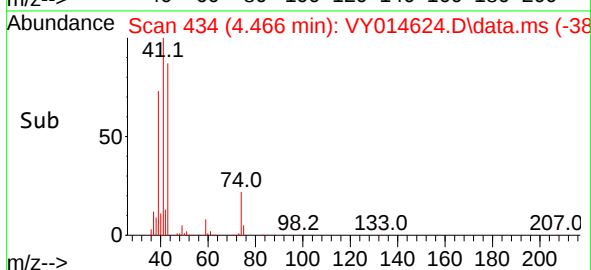
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

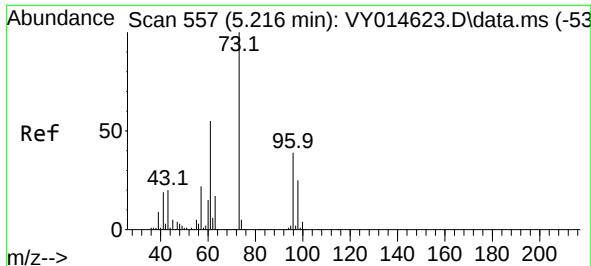


#18
Methyl Acetate
Concen: 106.651 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42



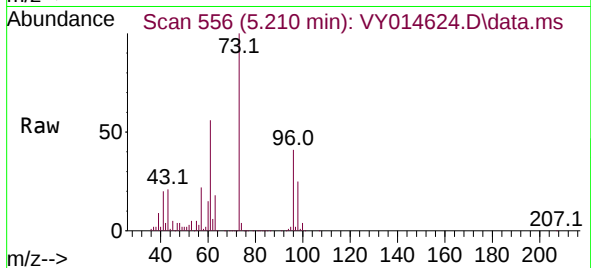
Tgt Ion: 43 Resp: 487446
Ion Ratio Lower Upper
43 100
74 24.5 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 104.712 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

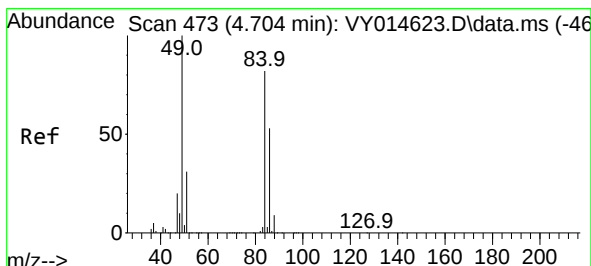
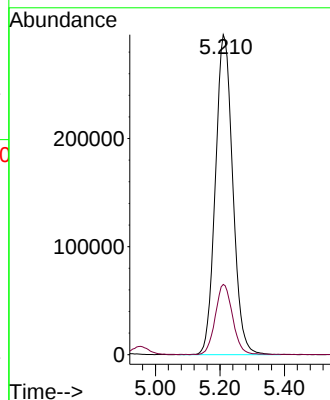
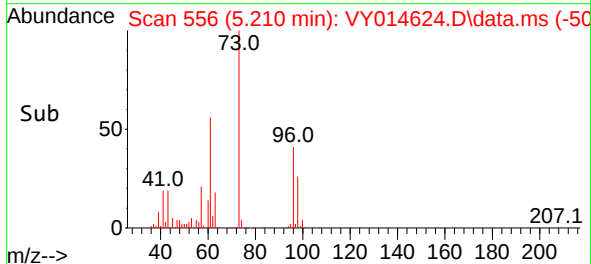
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 73 Resp: 110474
Ion Ratio Lower Upper
73 100
57 21.9 17.3 25.9

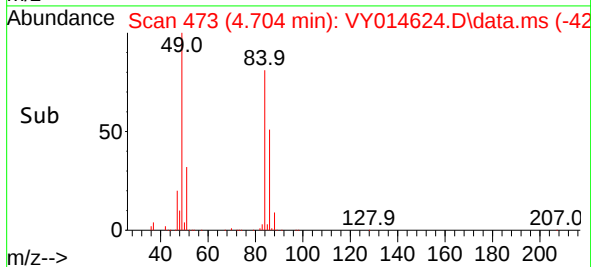
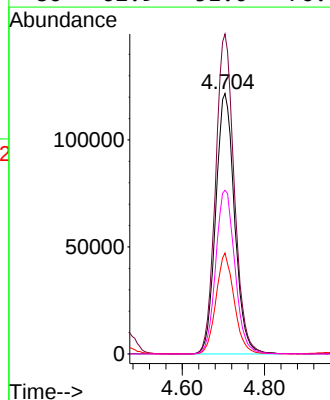
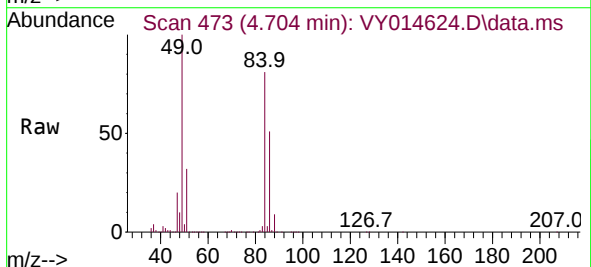
Manual Integrations
APPROVED

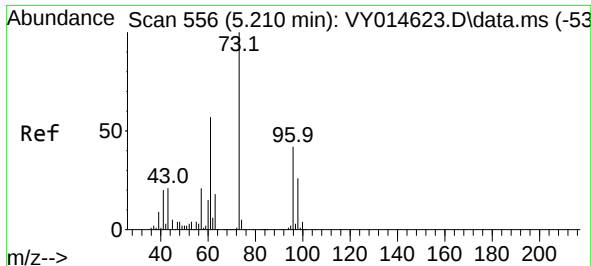
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#20
Methylene Chloride
Concen: 104.881 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.000 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

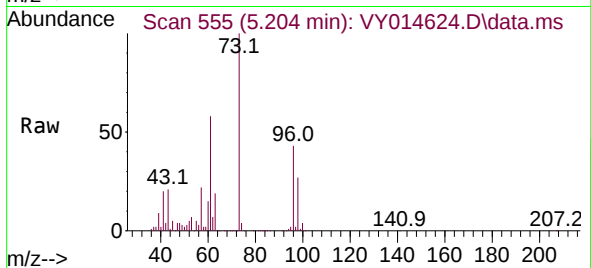
Tgt Ion: 84 Resp: 387854
Ion Ratio Lower Upper
84 100
49 122.9 106.9 160.3
51 38.7 33.2 49.8
86 62.9 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 102.557 ug/l
RT: 5.204 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

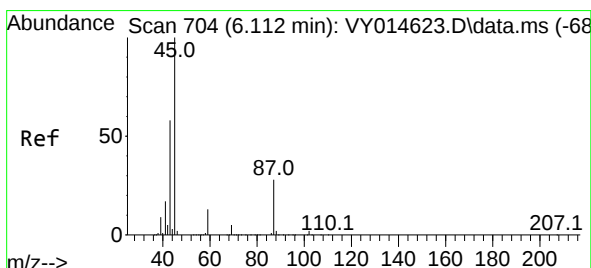
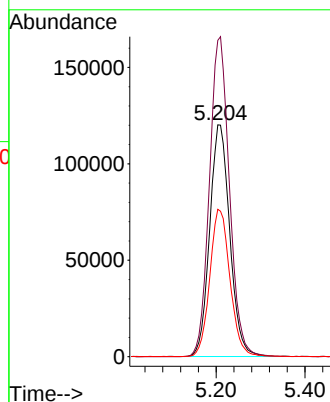
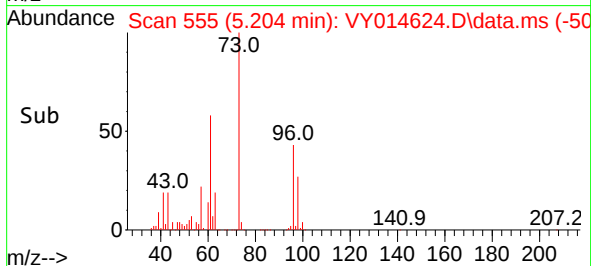
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 96 Resp: 378000
Ion Ratio Lower Upper
96 100
61 136.5 110.2 165.4
98 63.5 51.8 77.6

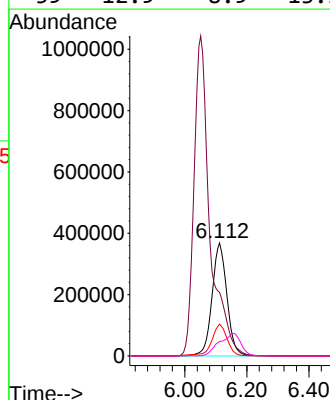
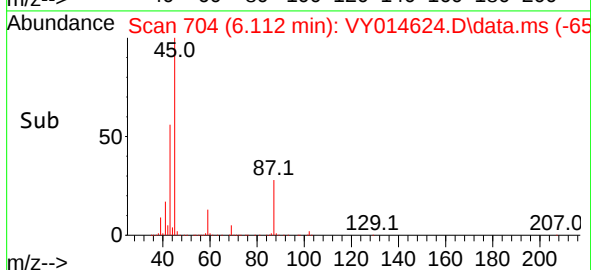
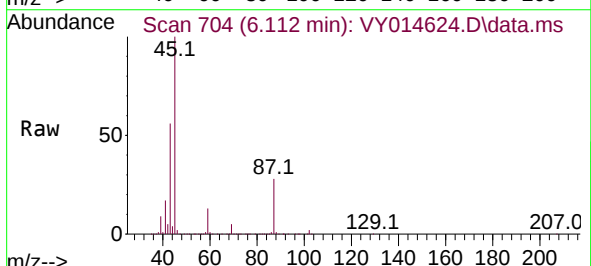
Manual Integrations
APPROVED

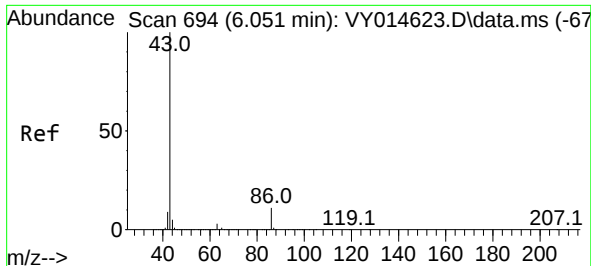
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#22
Diisopropyl ether
Concen: 104.155 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

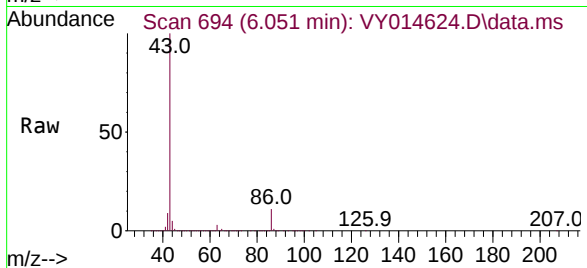
Tgt Ion: 45 Resp: 1221147
Ion Ratio Lower Upper
45 100
43 56.2 52.2 78.4
87 28.3 21.0 31.6
59 12.9 8.9 13.3





#23
 Vinyl Acetate
 Concen: 527.238 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY014624.D
 Acq: 13 Jul 2023 10:42

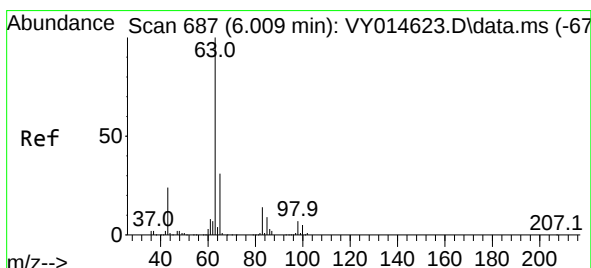
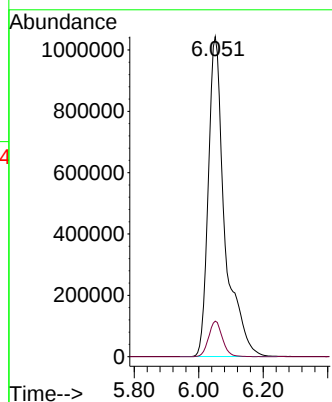
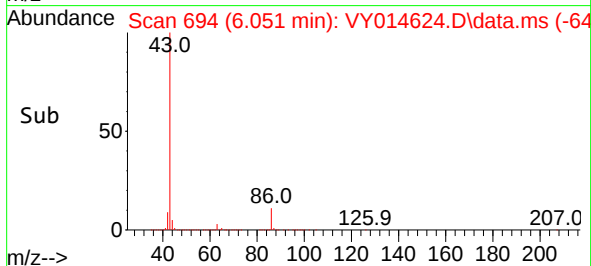
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100



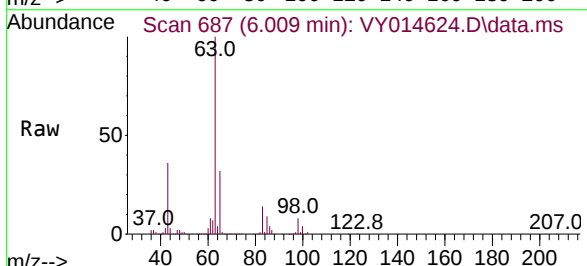
Tgt Ion: 43 Resp: 369919
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.5 11.3

Manual Integrations
 APPROVED

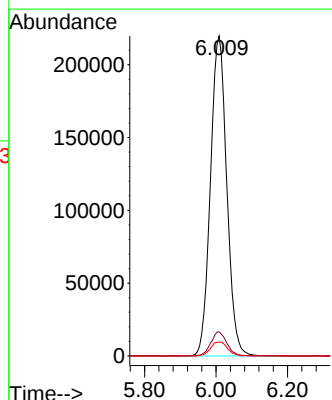
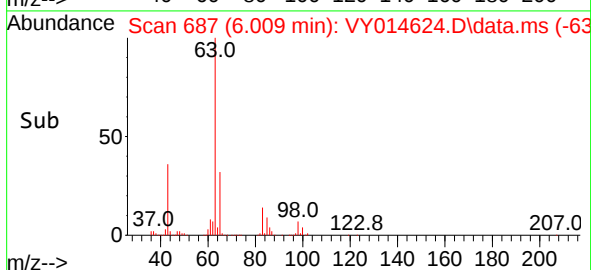
Reviewed By :John Carlone 07/14/2023
 Supervised By :Mahesh Dadoda 07/14/2023

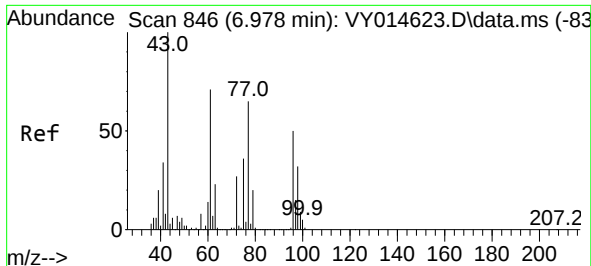


#24
 1,1-Dichloroethane
 Concen: 103.620 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY014624.D
 Acq: 13 Jul 2023 10:42



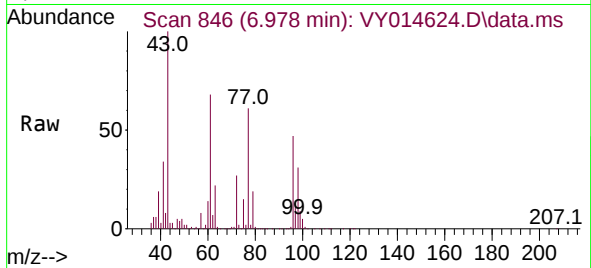
Tgt Ion: 63 Resp: 695136
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.1 9.4
 100 4.4 1.8 5.5





#25
2-Butanone
Concen: 520.434 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

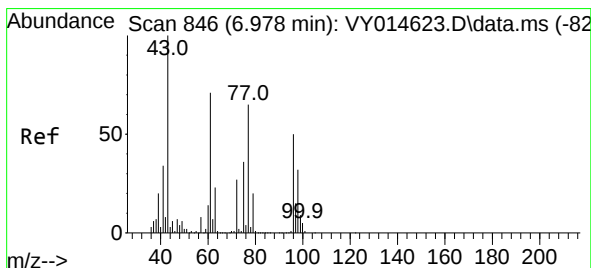
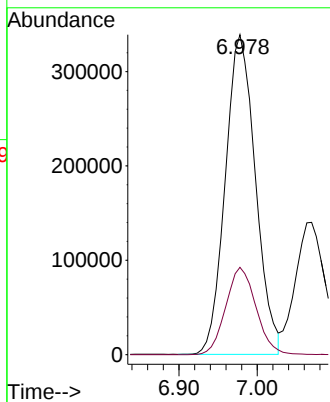
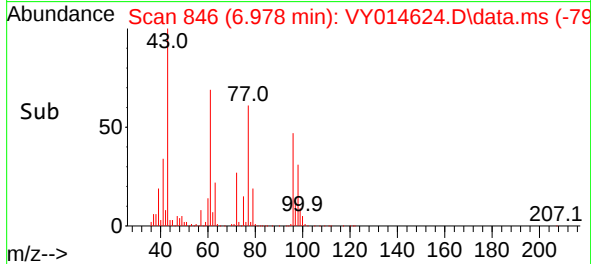
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



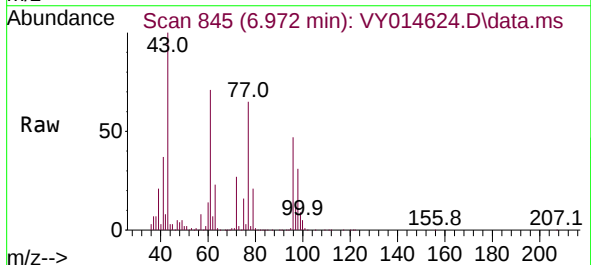
Tgt Ion: 43 Resp: 906808
Ion Ratio Lower Upper
43 100
72 27.3 20.5 30.7

Manual Integrations
APPROVED

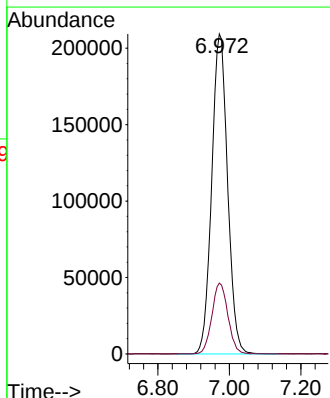
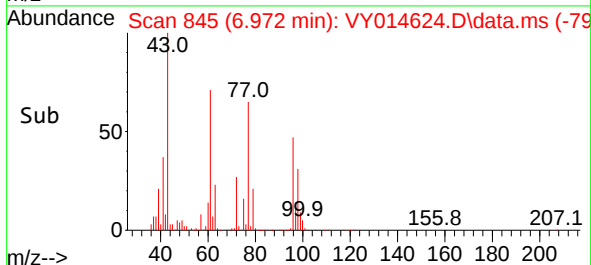
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

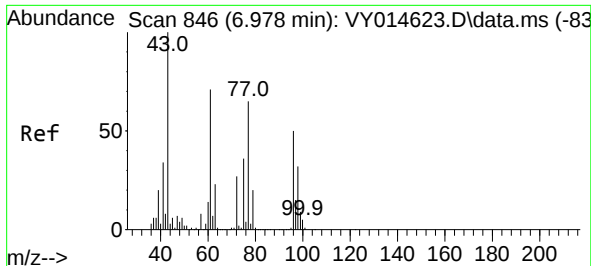


#26
2,2-Dichloropropane
Concen: 100.967 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42



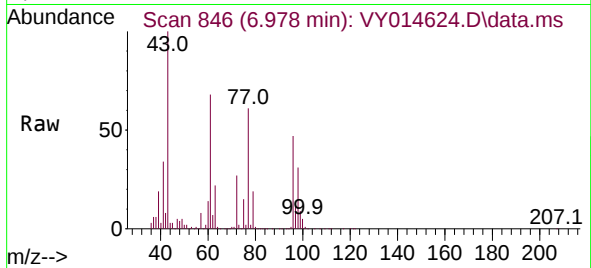
Tgt Ion: 77 Resp: 645535
Ion Ratio Lower Upper
77 100
97 22.4 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 102.965 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. -0.000 min
 Lab File: VY014624.D
 Acq: 13 Jul 2023 10:42

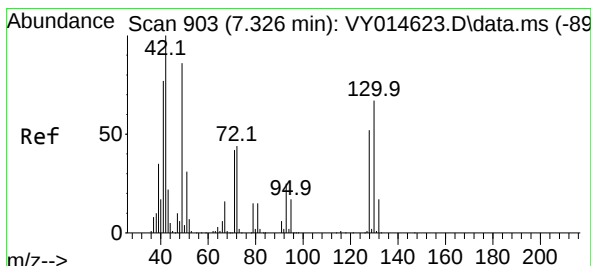
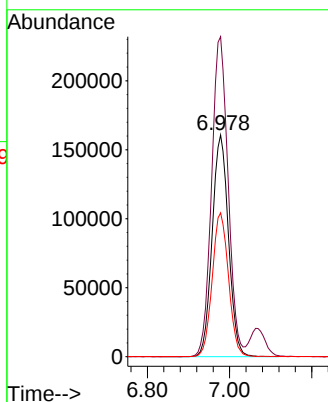
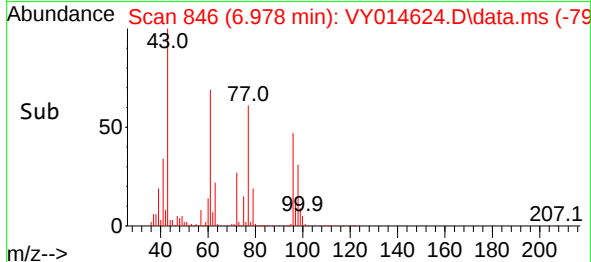
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100



Tgt Ion: 96 Resp: 441740
 Ion Ratio Lower Upper
 96 100
 61 146.0 0.0 301.4
 98 64.8 0.0 130.4

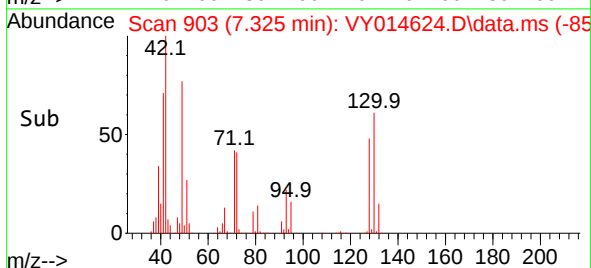
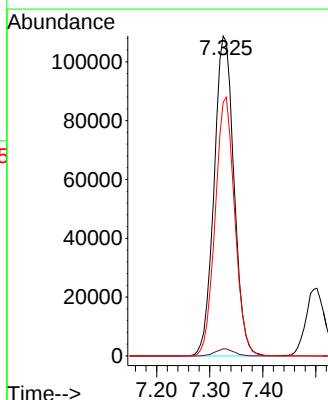
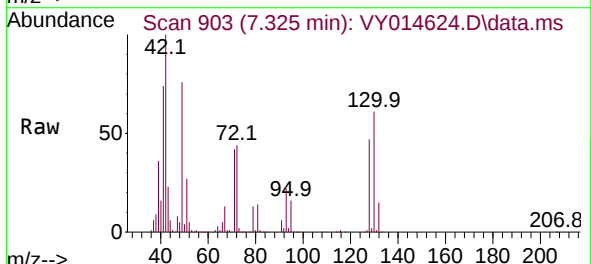
Manual Integrations
 APPROVED

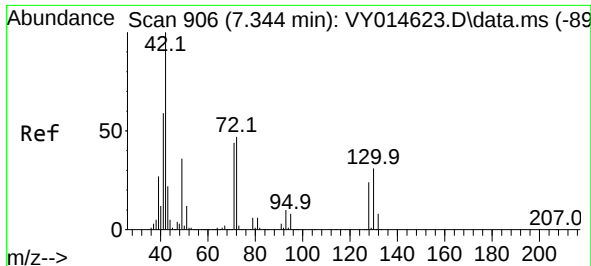
Reviewed By :John Carlone 07/14/2023
 Supervised By :Mahesh Dadoda 07/14/2023



#28
 Bromochloromethane
 Concen: 98.235 ug/l
 RT: 7.325 min Scan# 903
 Delta R.T. -0.001 min
 Lab File: VY014624.D
 Acq: 13 Jul 2023 10:42

Tgt Ion: 49 Resp: 283822
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 79.3 60.7 91.1





#29

Tetrahydrofuran

Concen: 530.832 ug/l

RT: 7.338 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY014624.D

Acq: 13 Jul 2023 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 42 Resp: 56952

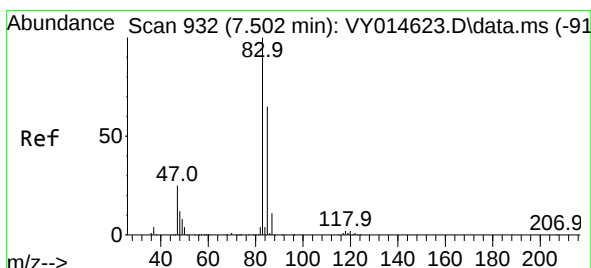
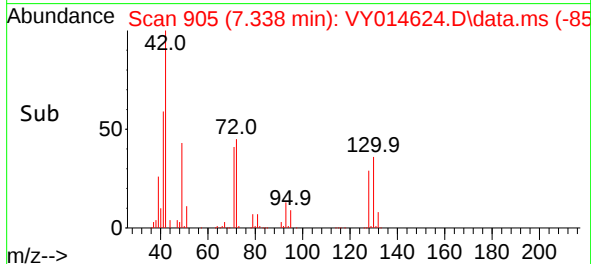
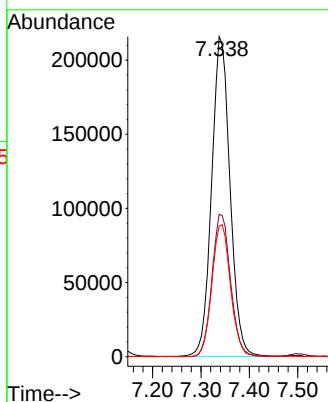
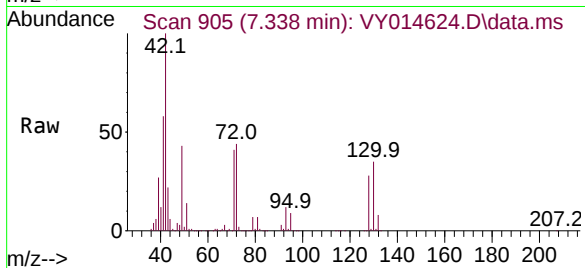
Ion	Ratio	Lower	Upper
42	100		
72	44.9	32.8	49.2
71	41.8	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#30

Chloroform

Concen: 102.860 ug/l

RT: 7.502 min Scan# 932

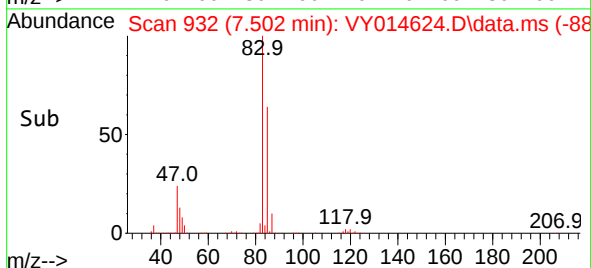
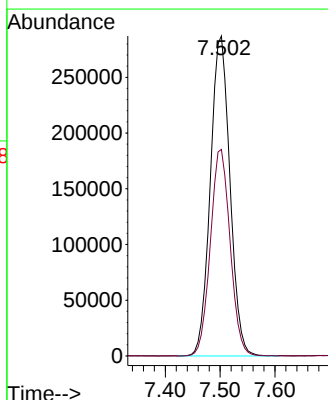
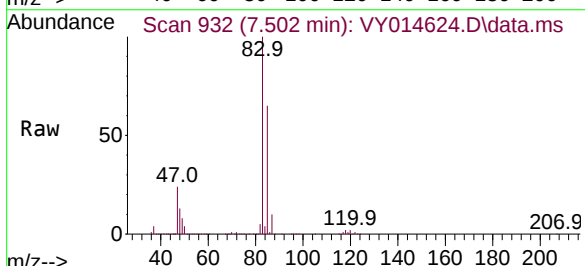
Delta R.T. 0.000 min

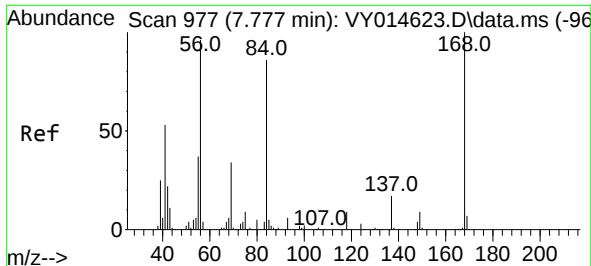
Lab File: VY014624.D

Acq: 13 Jul 2023 10:42

Tgt Ion: 83 Resp: 711561

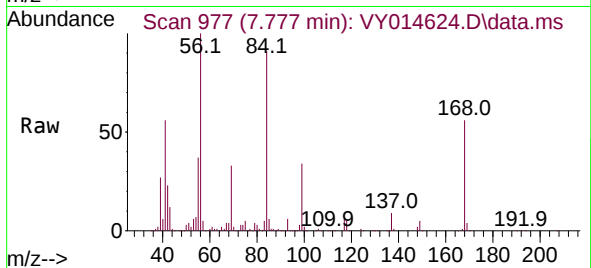
Ion	Ratio	Lower	Upper
83	100		
85	64.5	49.7	74.5





#31
Cyclohexane
Concen: 96.712 ug/l
RT: 7.777 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

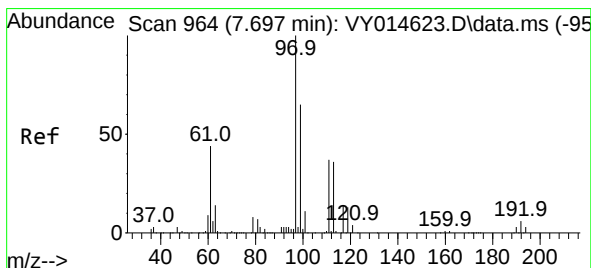
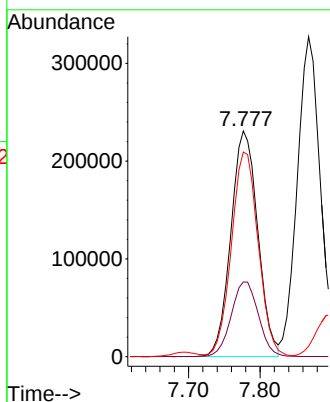
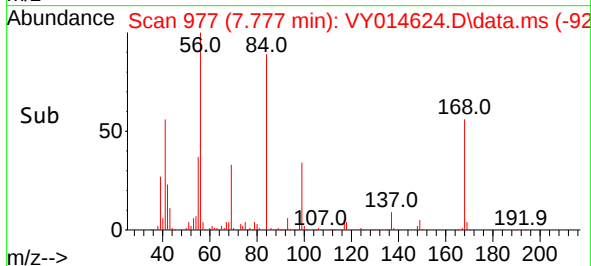
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 60338
Ion Ratio Lower Upper
56 100
69 33.1 27.8 41.6
84 88.9 66.4 99.6

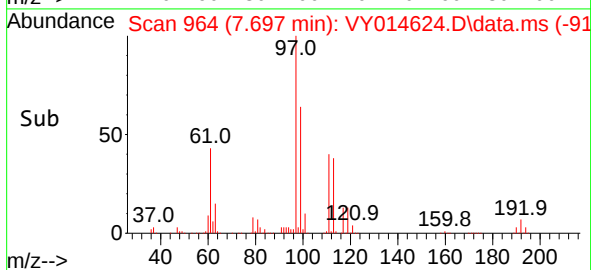
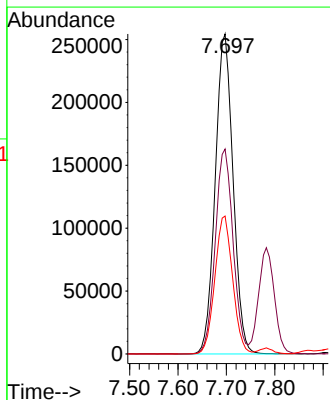
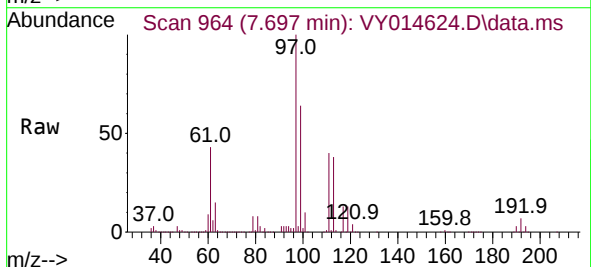
Manual Integrations
APPROVED

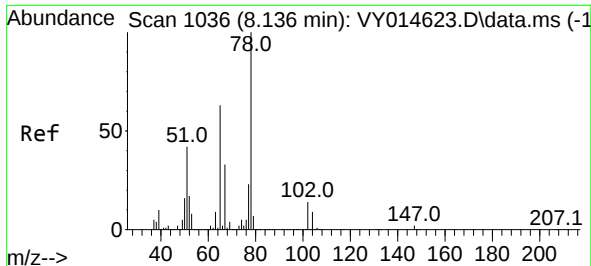
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#32
1,1,1-Trichloroethane
Concen: 104.720 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

Tgt Ion: 97 Resp: 652000
Ion Ratio Lower Upper
97 100
99 64.3 50.8 76.2
61 43.1 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 99.729 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY014624.D

Acq: 13 Jul 2023 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 65 Resp: 374819

Ion Ratio Lower Upper

65 100

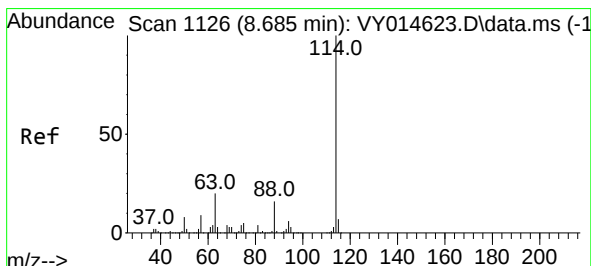
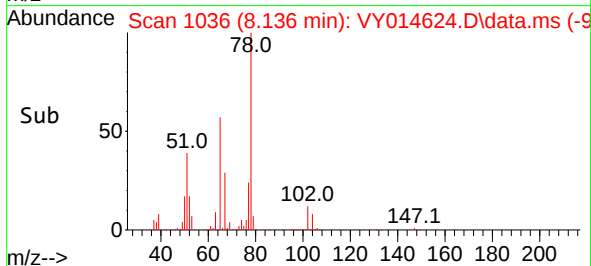
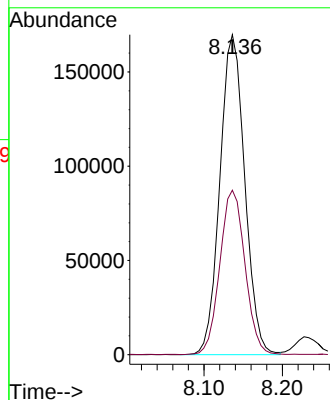
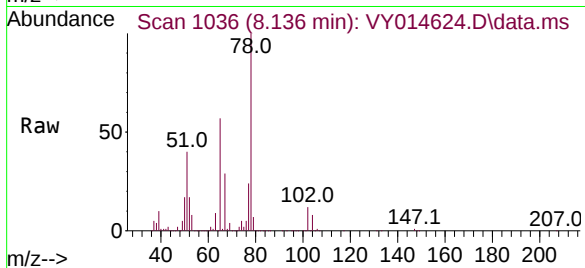
67 51.7 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY014624.D

Acq: 13 Jul 2023 10:42

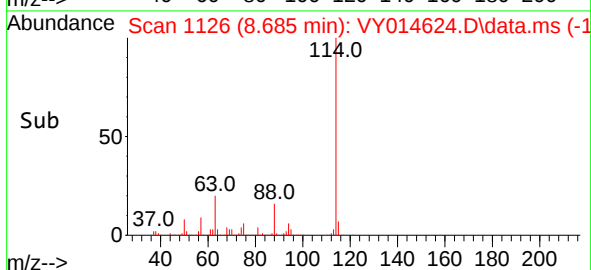
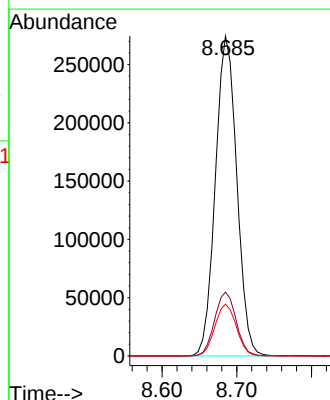
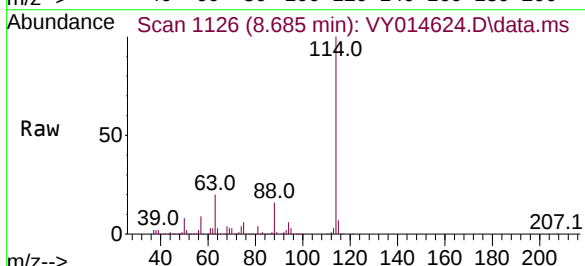
Tgt Ion:114 Resp: 546640

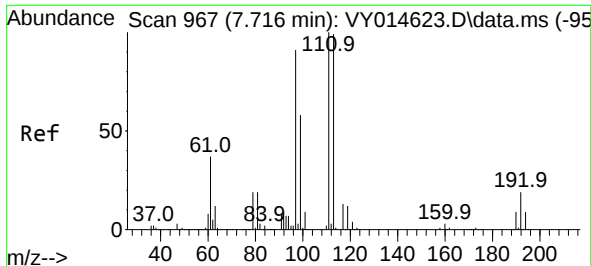
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

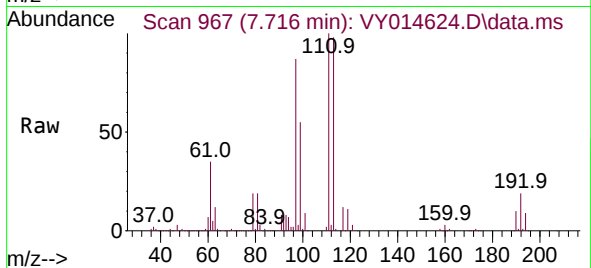
88 16.2 0.0 30.6





#35
Dibromofluoromethane
Concen: 99.561 ug/l
RT: 7.716 min Scan# 901
Delta R.T. -0.000 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

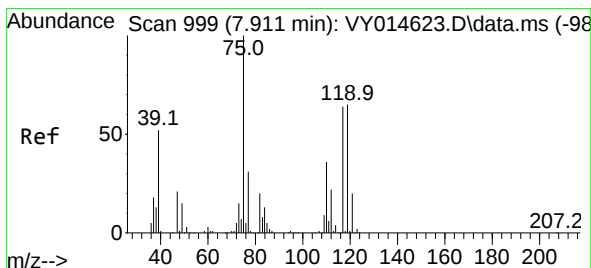
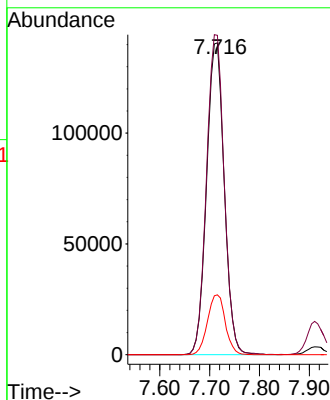
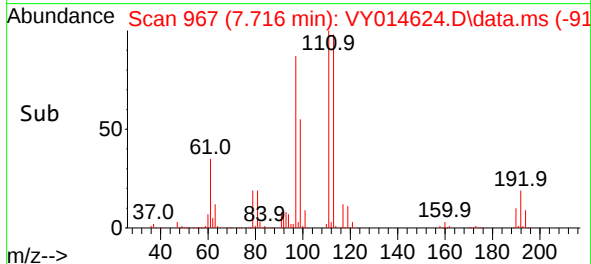
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion:113 Resp: 346449
Ion Ratio Lower Upper
113 100
111 102.9 81.3 121.9
192 19.3 16.9 25.3

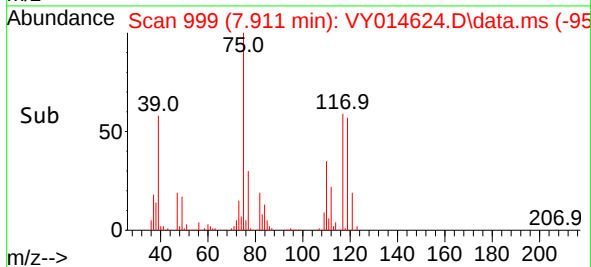
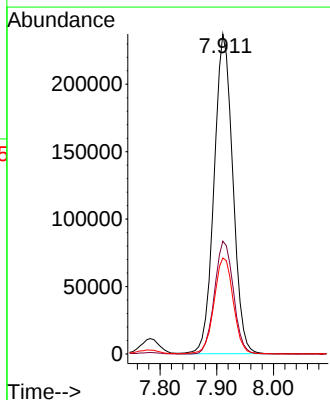
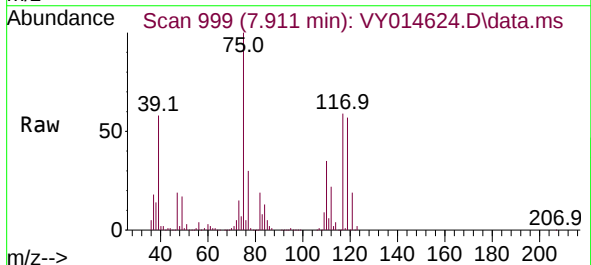
Manual Integrations
APPROVED

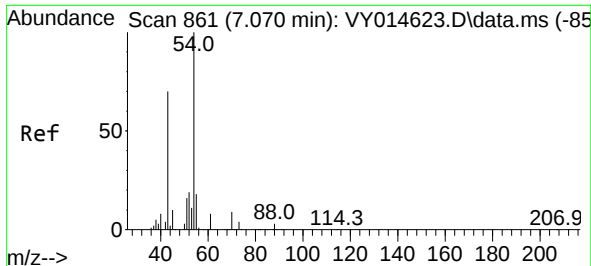
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#36
1,1-Dichloropropene
Concen: 104.376 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

Tgt Ion: 75 Resp: 543162
Ion Ratio Lower Upper
75 100
110 35.6 17.8 53.5
77 30.8 24.4 36.6





#37

Ethyl Acetate

Concen: 106.275 ug/l

RT: 7.069 min Scan# 80

Delta R.T. -0.001 min

Lab File: VY014624.D

Acq: 13 Jul 2023 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 38076

Ion Ratio Lower Upper

43 100

61 14.5 10.1 15.1

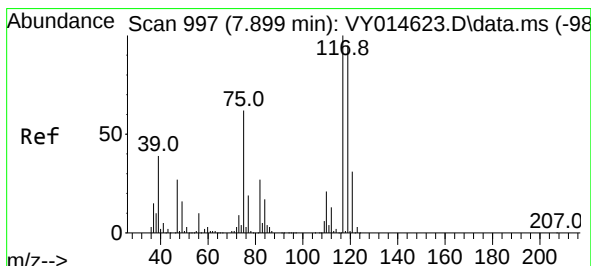
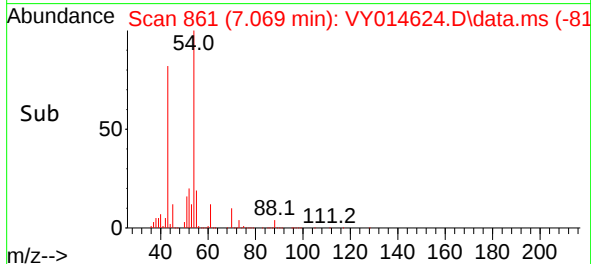
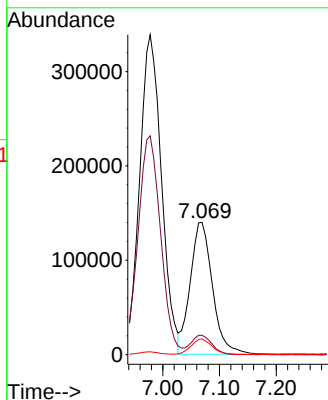
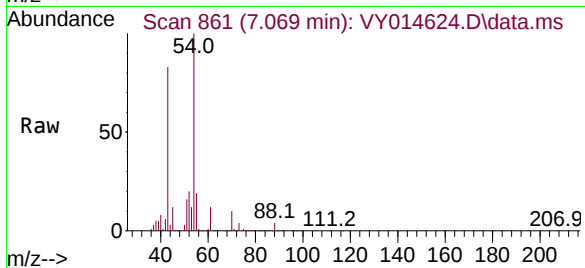
70 11.2 7.1 10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#38

Carbon Tetrachloride

Concen: 105.281 ug/l

RT: 7.892 min Scan# 996

Delta R.T. -0.007 min

Lab File: VY014624.D

Acq: 13 Jul 2023 10:42

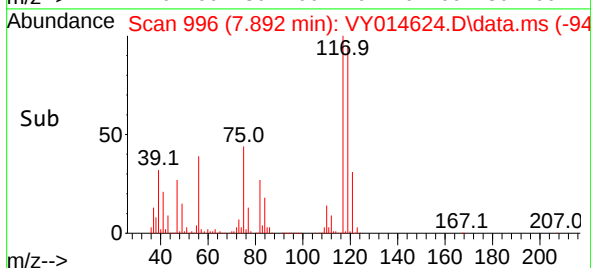
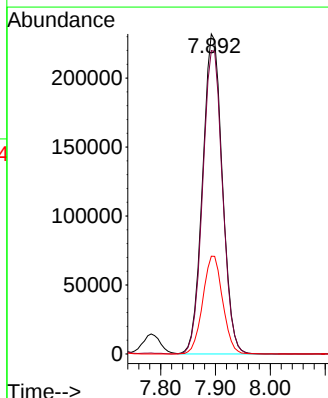
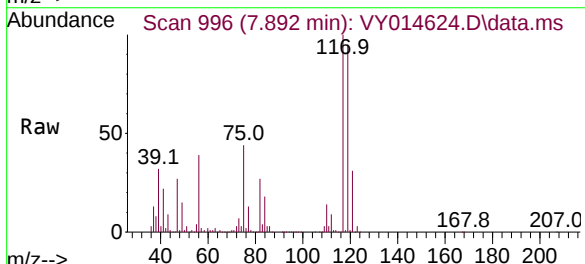
Tgt Ion:117 Resp: 579149

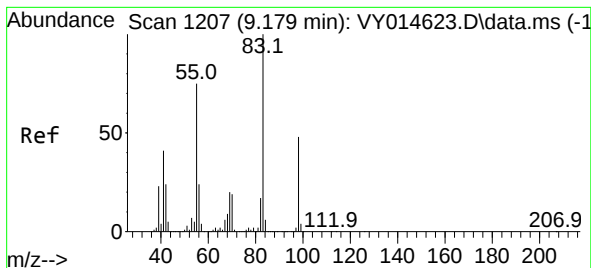
Ion Ratio Lower Upper

117 100

119 94.8 76.4 114.6

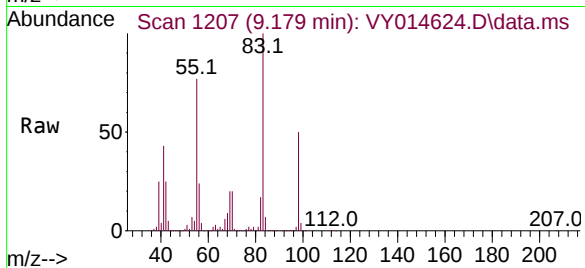
121 30.6 25.8 38.6





#39
Methylcyclohexane
Concen: 102.711 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.000 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

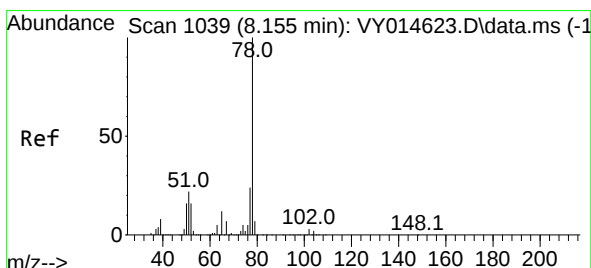
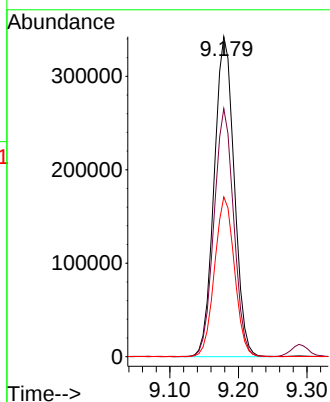
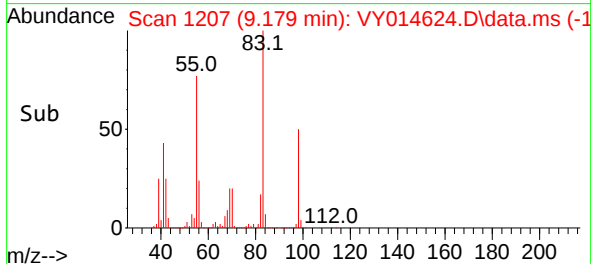
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 83 Resp: 69635
Ion Ratio Lower Upper
83 100
55 77.4 63.0 94.4
98 49.9 37.4 56.2

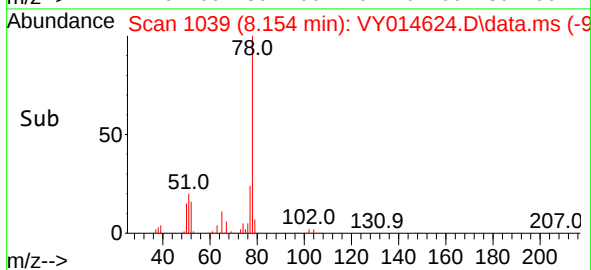
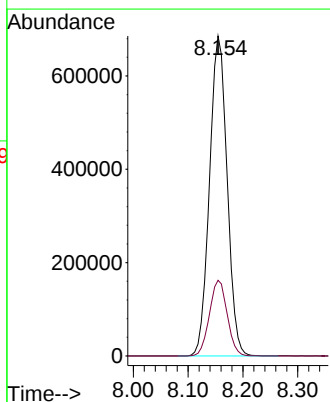
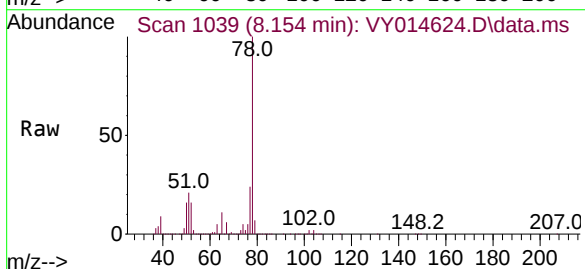
Manual Integrations
APPROVED

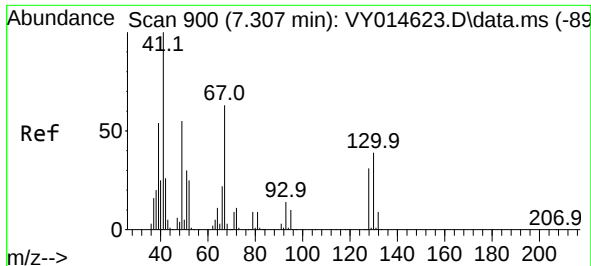
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#40
Benzene
Concen: 103.187 ug/l
RT: 8.154 min Scan# 1039
Delta R.T. -0.001 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

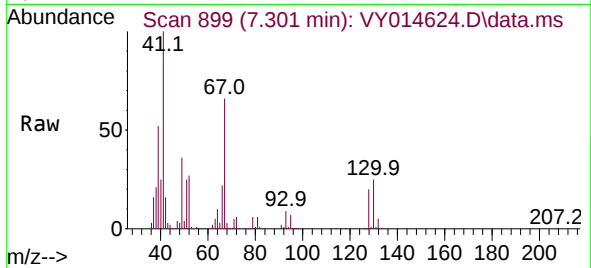
Tgt Ion: 78 Resp: 1527187
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6





#41
Methacrylonitrile
Concen: 88.050 ug/l m
RT: 7.301 min Scan# 899
Delta R.T. -0.006 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

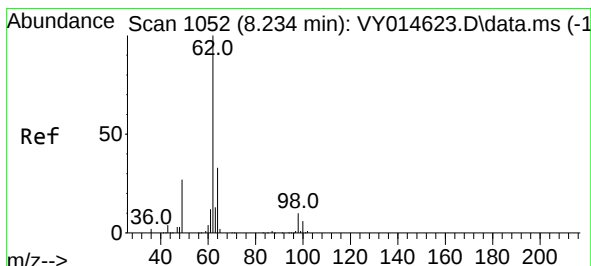
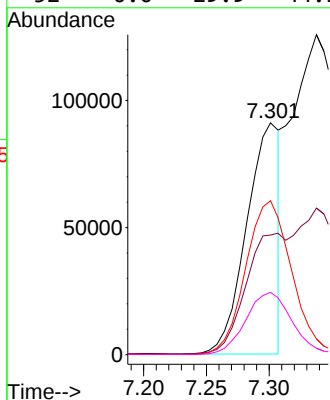
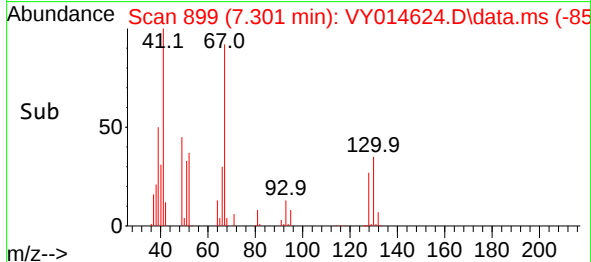
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 41 Resp: 166827
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

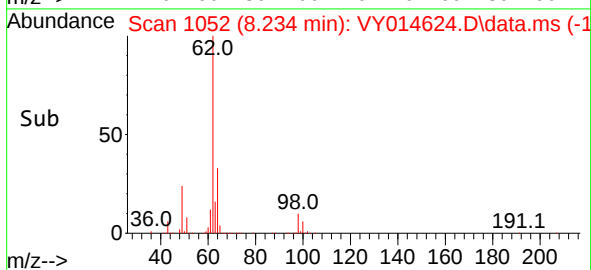
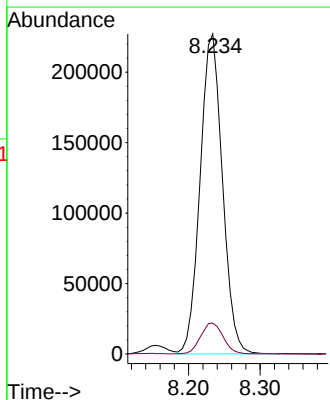
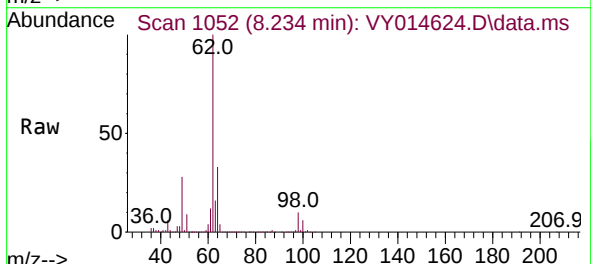
Manual Integrations
APPROVED

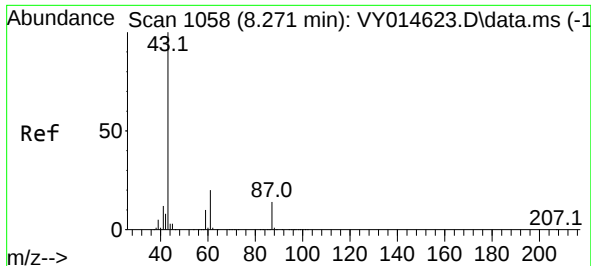
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#42
1,2-Dichloroethane
Concen: 104.995 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

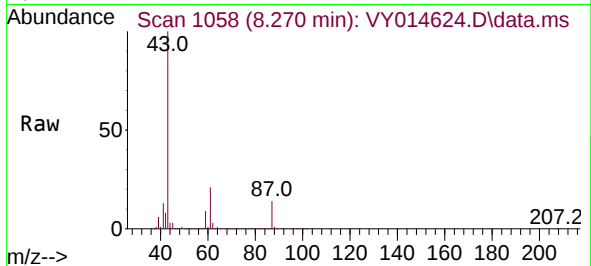
Tgt Ion: 62 Resp: 492092
Ion Ratio Lower Upper
62 100
98 9.7 0.0 15.8





#43
Isopropyl Acetate
Concen: 105.760 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.001 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

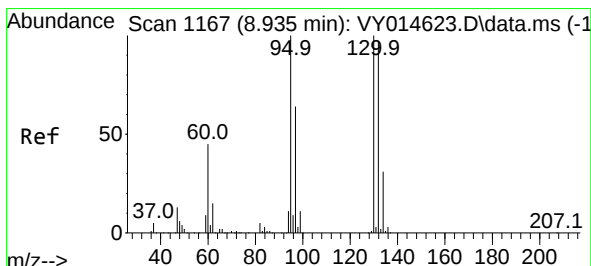
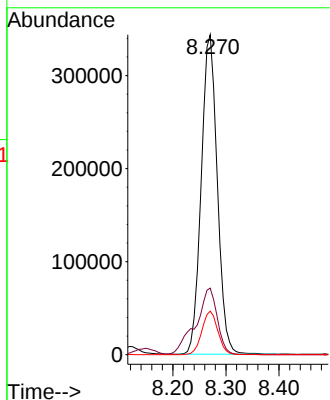
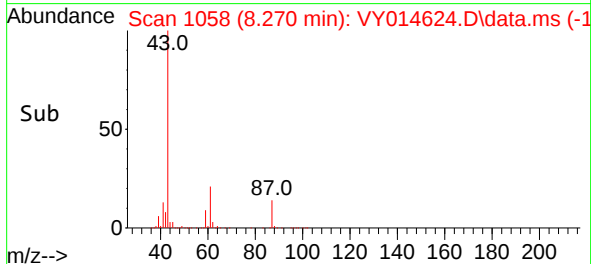
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 721819
Ion Ratio Lower Upper
43 100
61 28.0 21.1 31.7
87 13.6 9.8 14.8

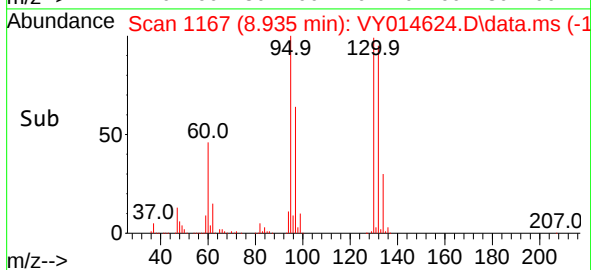
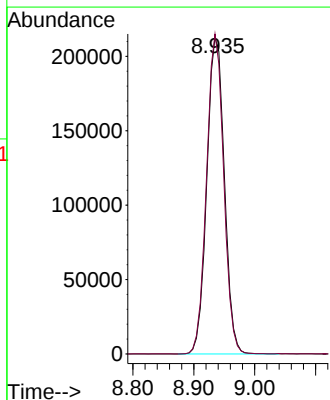
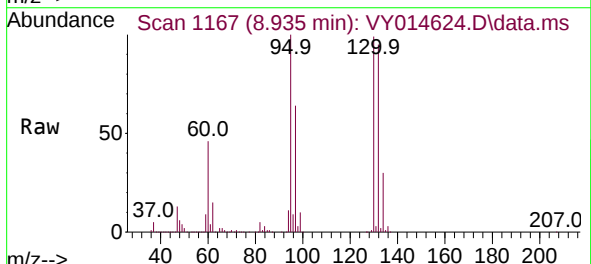
Manual Integrations
APPROVED

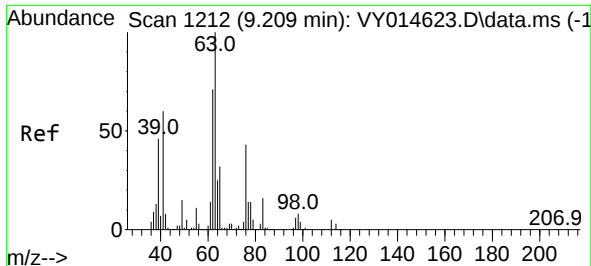
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#44
Trichloroethene
Concen: 102.735 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

Tgt Ion:130 Resp: 425420
Ion Ratio Lower Upper
130 100
95 101.1 0.0 196.0





#45

1,2-Dichloropropane

Concen: 103.430 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY014624.D

Acq: 13 Jul 2023 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 39972

Ion Ratio Lower Upper

63 100

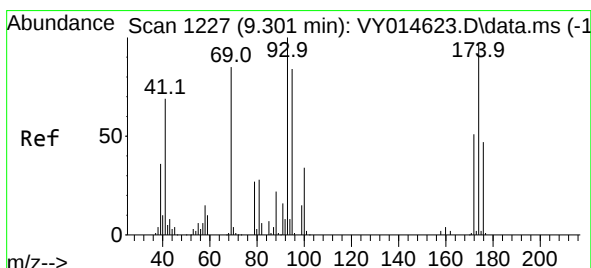
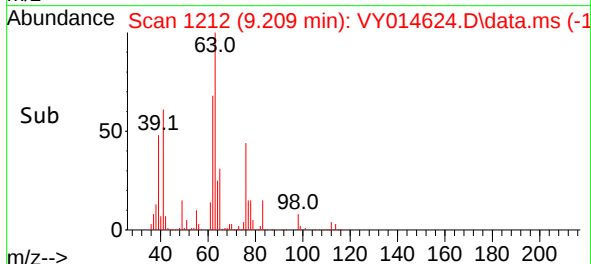
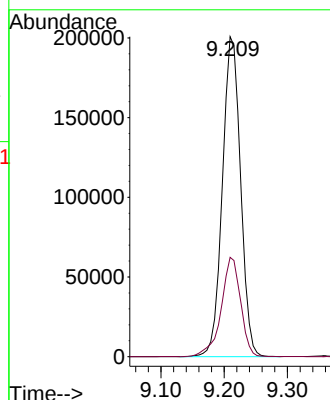
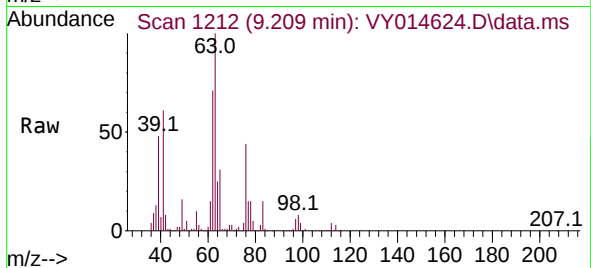
65 31.0 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#46

Dibromomethane

Concen: 103.560 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY014624.D

Acq: 13 Jul 2023 10:42

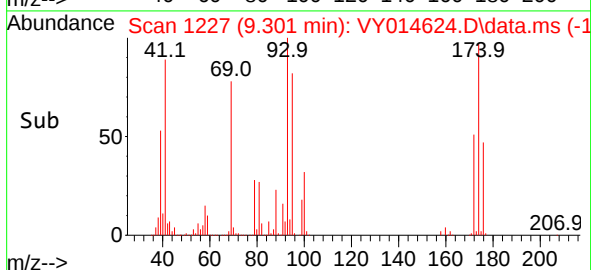
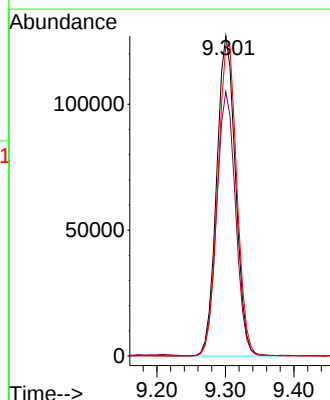
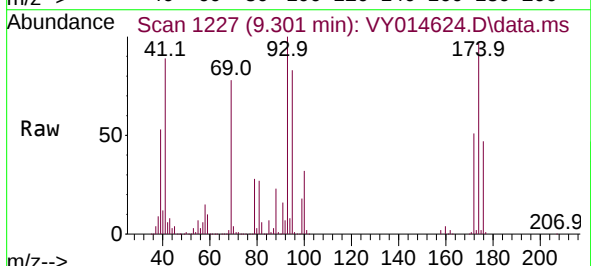
Tgt Ion: 93 Resp: 242796

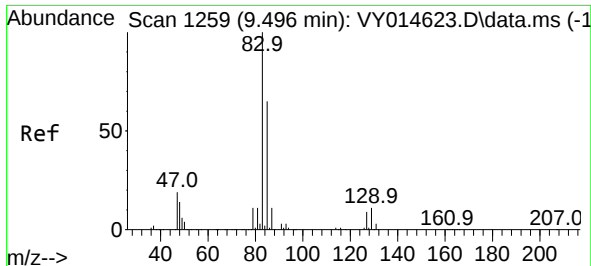
Ion Ratio Lower Upper

93 100

95 82.1 66.6 100.0

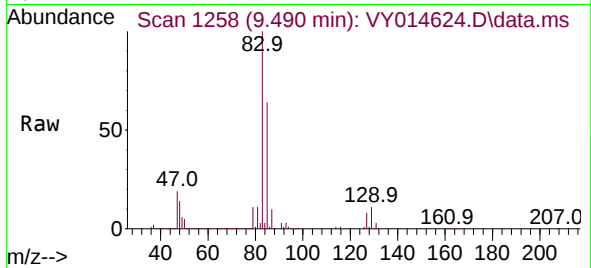
174 98.7 84.8 127.2





#47
Bromodichloromethane
Concen: 104.529 ug/l
RT: 9.490 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

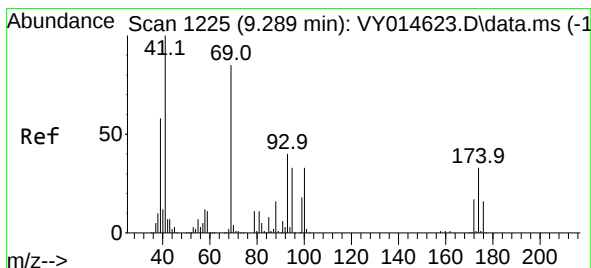
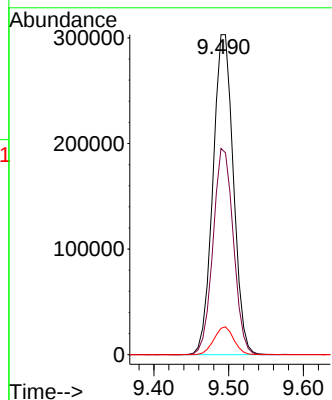
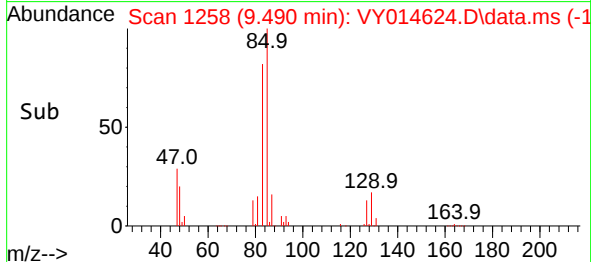
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 83 Resp: 577600
Ion Ratio Lower Upper
83 100
85 64.5 50.1 75.1
127 8.2 7.1 10.7

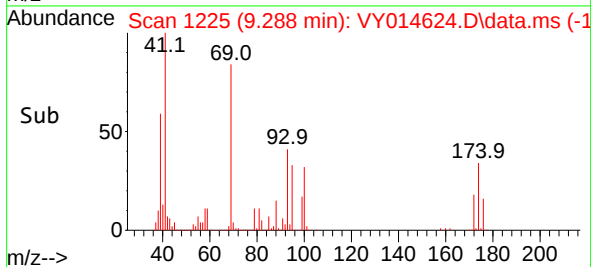
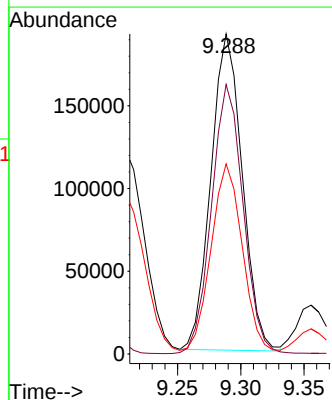
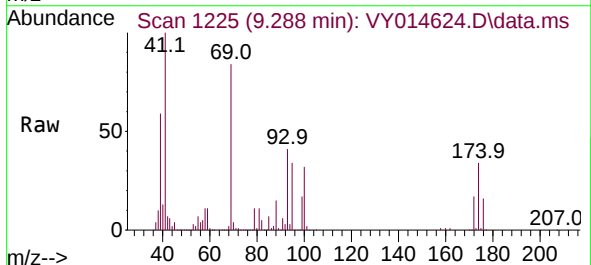
Manual Integrations
APPROVED

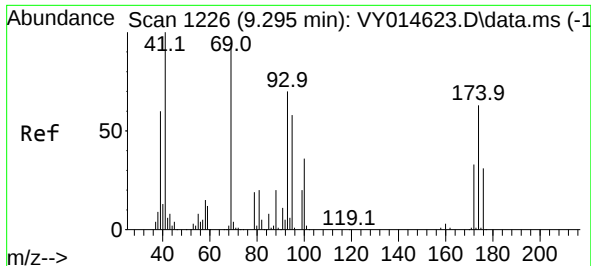
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#48
Methyl methacrylate
Concen: 107.310 ug/l
RT: 9.288 min Scan# 1225
Delta R.T. -0.001 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

Tgt Ion: 41 Resp: 329556
Ion Ratio Lower Upper
41 100
69 85.9 64.5 96.7
39 58.5 50.8 76.2





#49

1,4-Dioxane

Concen: 2143.184 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY014624.D

Acq: 13 Jul 2023 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

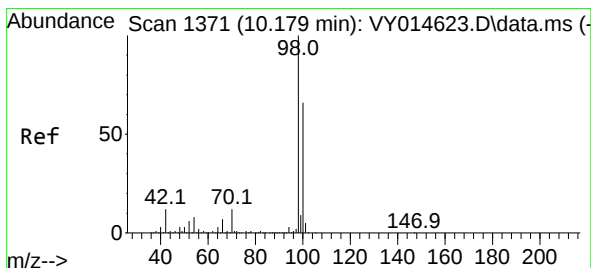
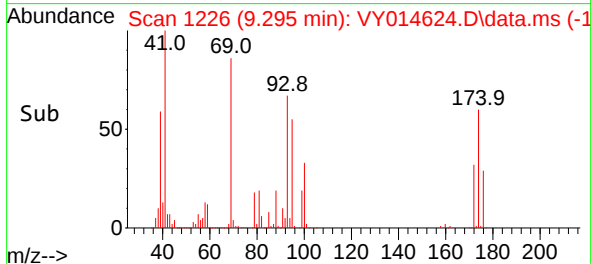
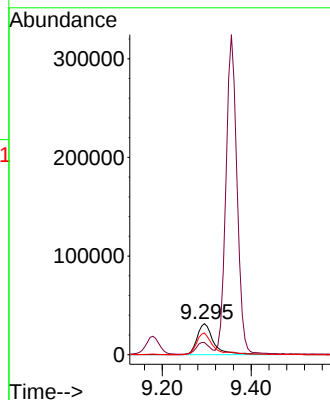
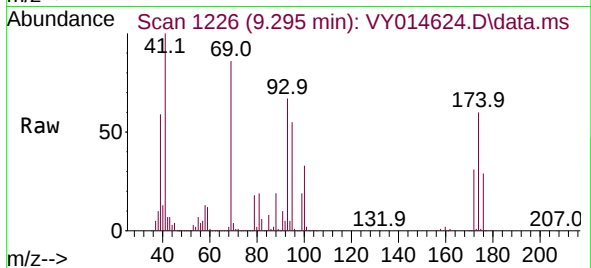
Tgt Ion: 88 Resp: 81932
 Ion Ratio Lower Upper
 88 100
 43 31.7 0.0 0.0
 58 63.8 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#50

Toluene-d8

Concen: 97.614 ug/l

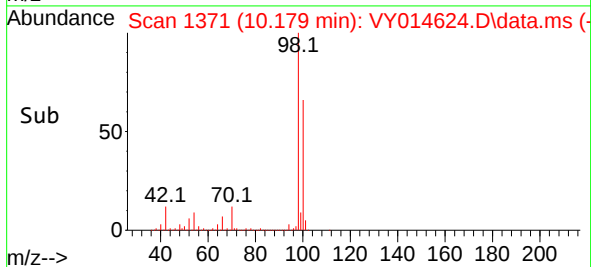
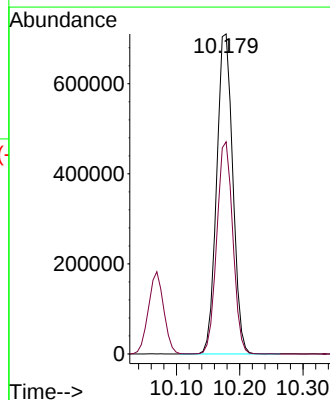
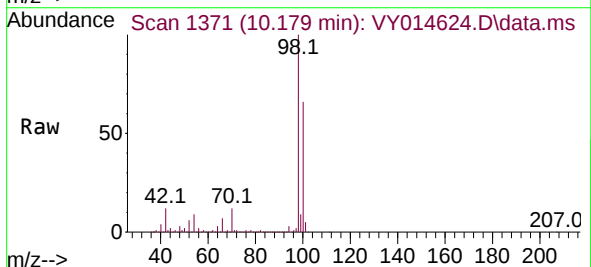
RT: 10.179 min Scan# 1371

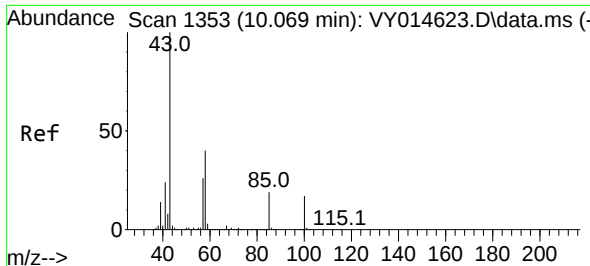
Delta R.T. -0.000 min

Lab File: VY014624.D

Acq: 13 Jul 2023 10:42

Tgt Ion: 98 Resp: 1252312
 Ion Ratio Lower Upper
 98 100
 100 65.8 50.1 75.1





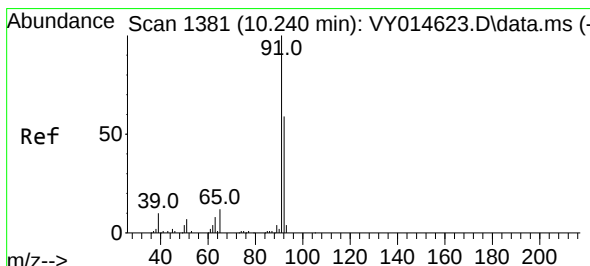
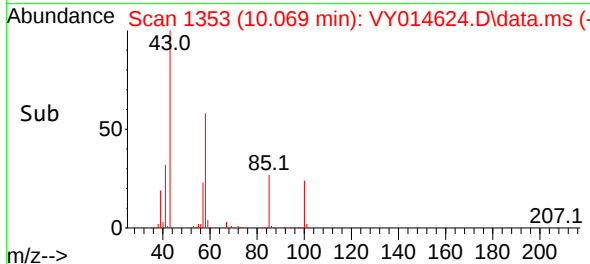
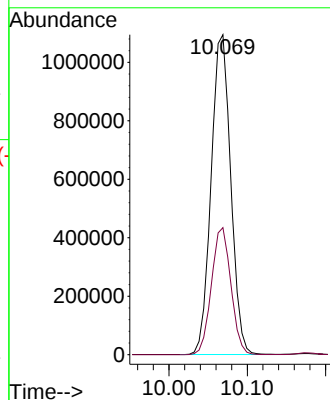
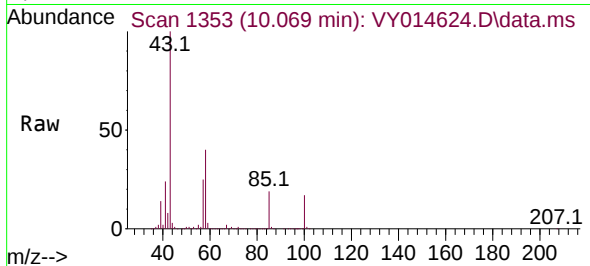
#51
4-Methyl-2-Pentanone
Concen: 530.224 ug/l
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 1900034
Ion Ratio Lower Upper
43 100
58 39.5 29.0 43.6

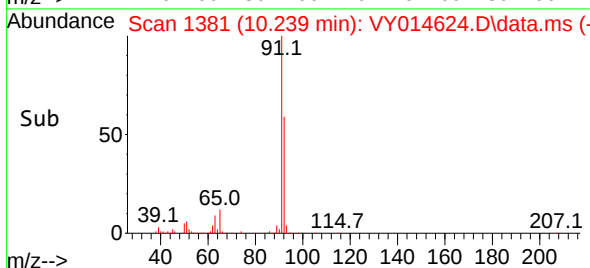
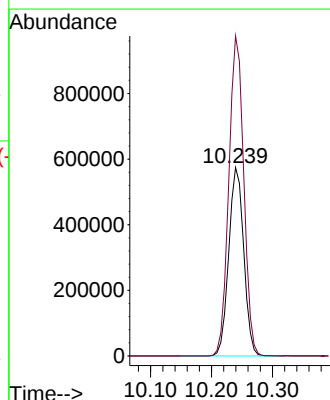
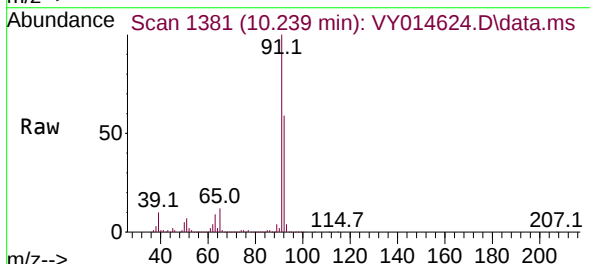
Manual Integrations
APPROVED

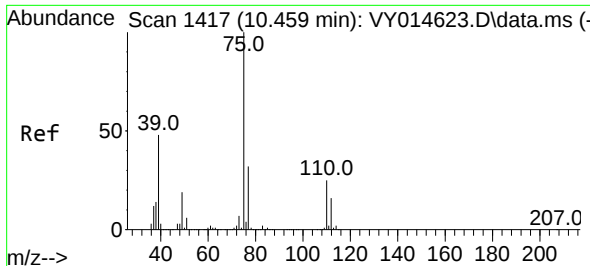
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#52
Toluene
Concen: 103.329 ug/l
RT: 10.239 min Scan# 1381
Delta R.T. -0.001 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

Tgt Ion: 92 Resp: 978585
Ion Ratio Lower Upper
92 100
91 169.6 143.8 215.6





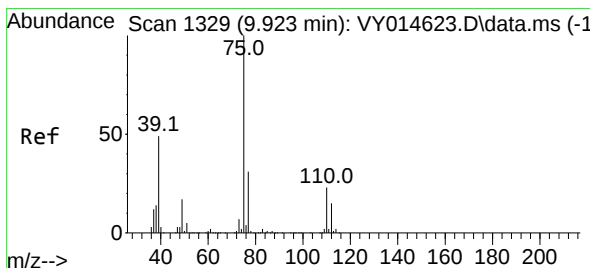
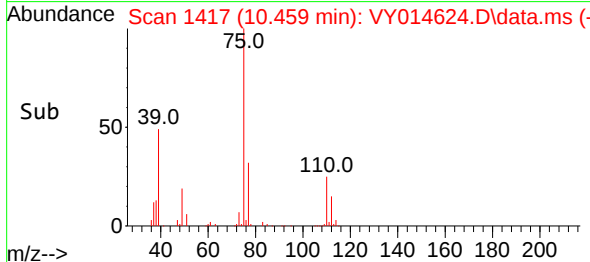
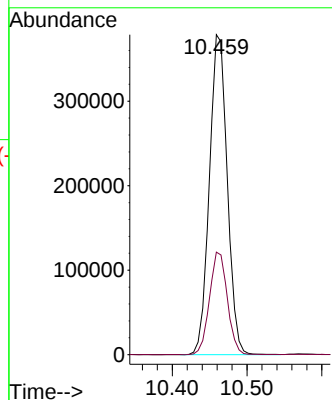
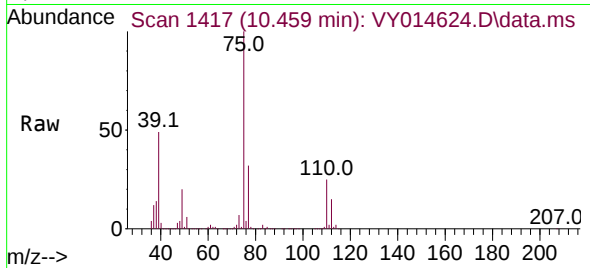
#53
t-1,3-Dichloropropene
Concen: 104.316 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 75 Resp: 630519
Ion Ratio Lower Upper
75 100
77 32.0 25.0 37.4

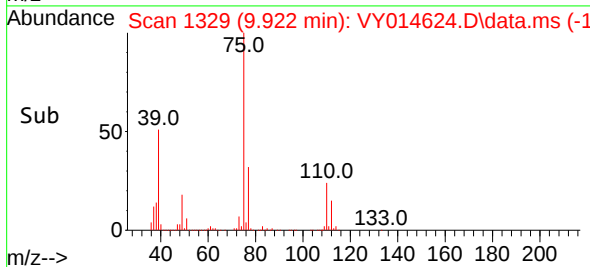
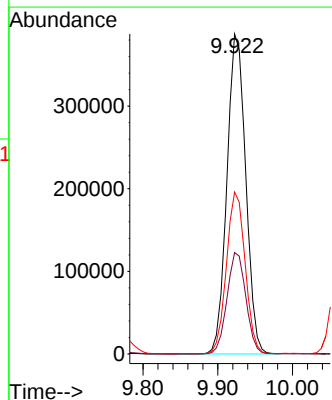
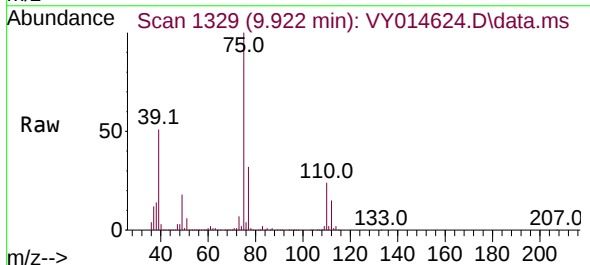
Manual Integrations
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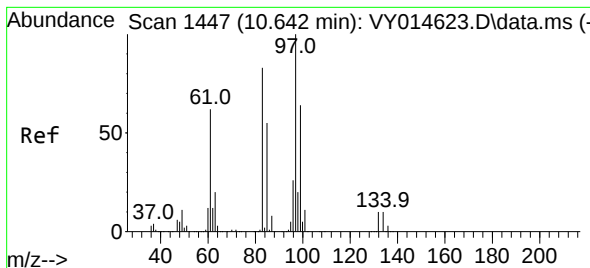
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#54
cis-1,3-Dichloropropene
Concen: 103.054 ug/l
RT: 9.922 min Scan# 1329
Delta R.T. -0.001 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

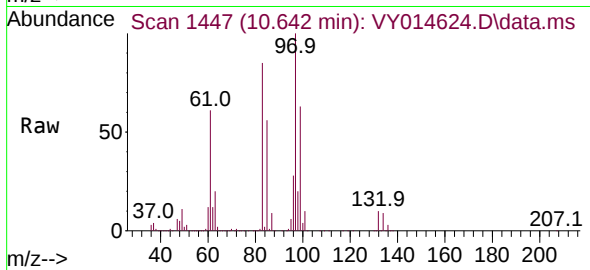
Tgt Ion: 75 Resp: 677367
Ion Ratio Lower Upper
75 100
77 31.7 24.2 36.4
39 50.5 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 104.354 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

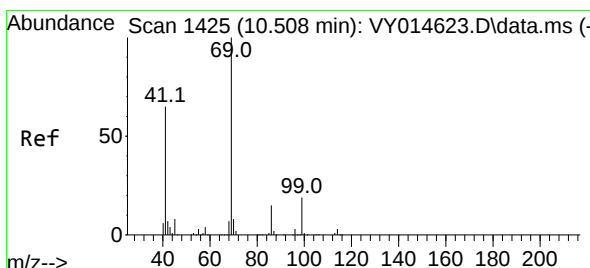
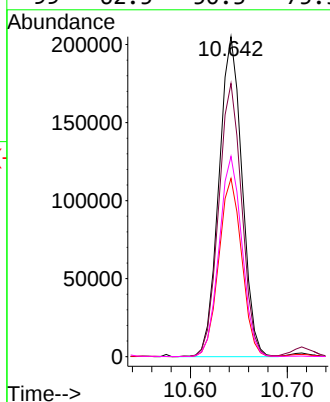
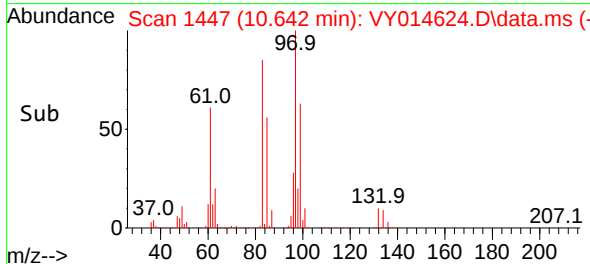
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



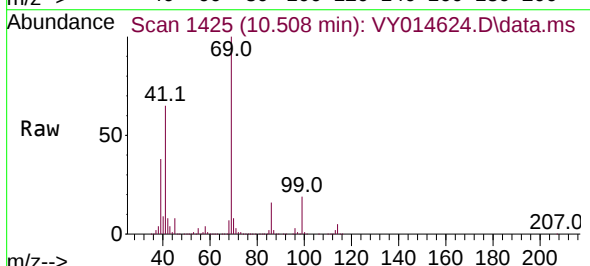
Tgt Ion: 97 Resp: 340799
Ion Ratio Lower Upper
97 100
83 85.4 72.0 108.0
85 55.6 45.4 68.0
99 62.5 50.3 75.5

Manual Integrations
APPROVED

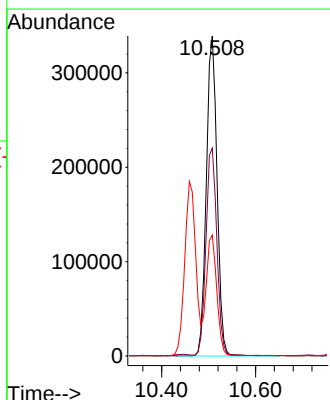
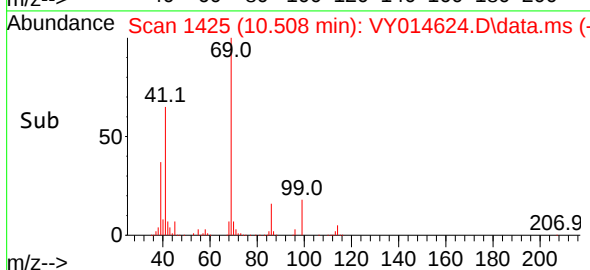
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

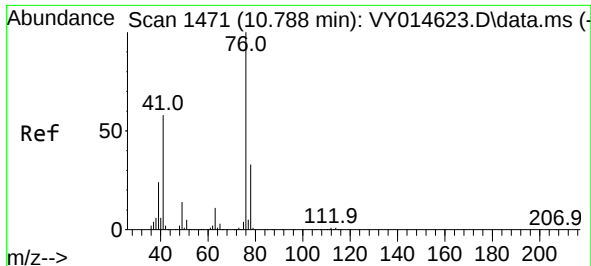


#56
Ethyl methacrylate
Concen: 107.115 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42



Tgt Ion: 69 Resp: 534113
Ion Ratio Lower Upper
69 100
41 65.8 57.6 86.4
39 37.4 34.1 51.1





#57

1,3-Dichloropropane

Concen: 103.662 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014624.D

Acq: 13 Jul 2023 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 58391

Ion Ratio Lower Upper

76 100

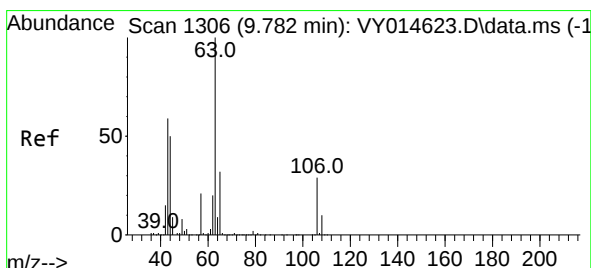
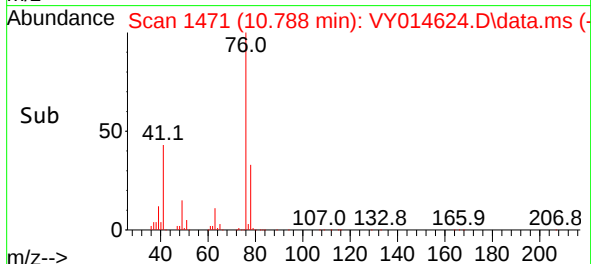
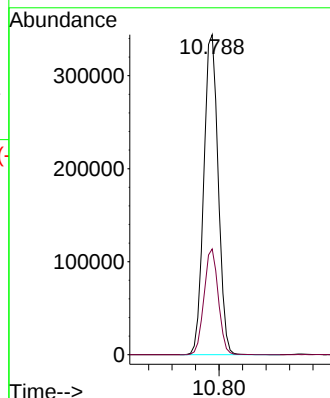
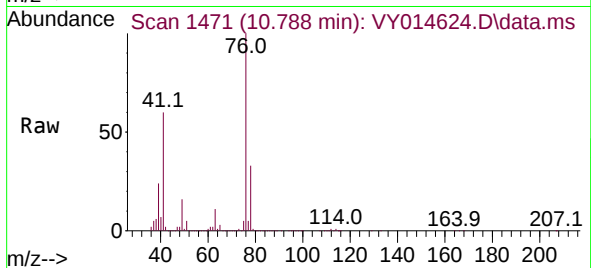
78 32.8 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#58

2-Chloroethyl Vinyl ether

Concen: 511.005 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY014624.D

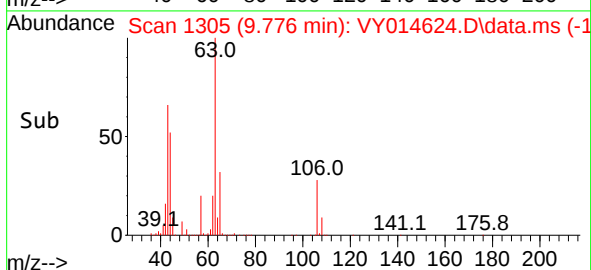
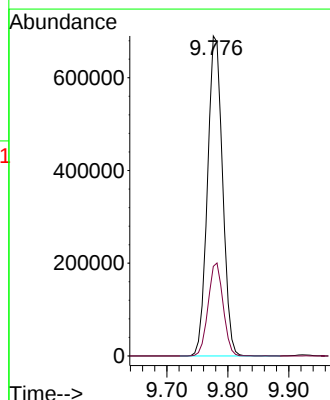
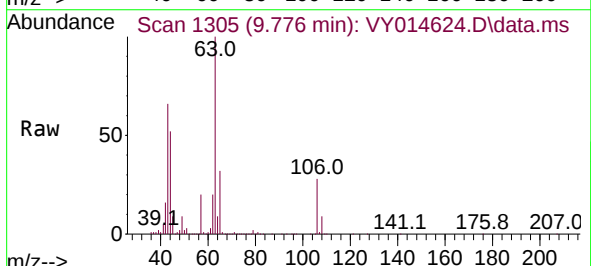
Acq: 13 Jul 2023 10:42

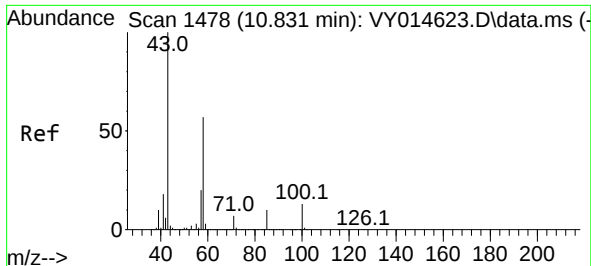
Tgt Ion: 63 Resp: 1187244

Ion Ratio Lower Upper

63 100

106 28.8 21.2 31.8





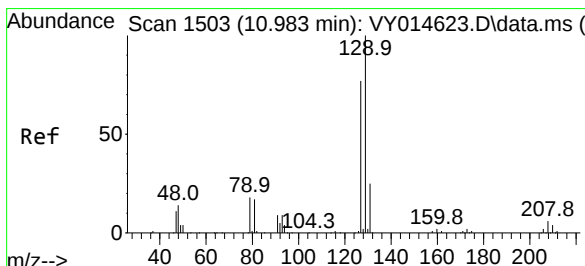
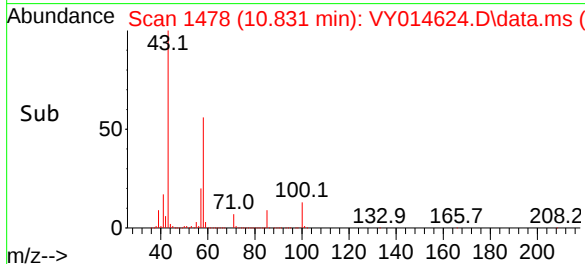
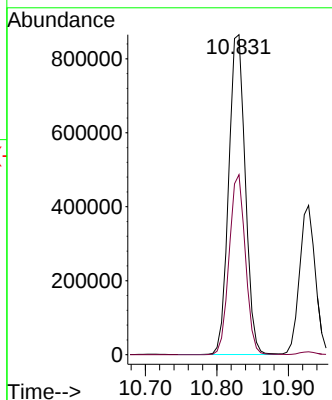
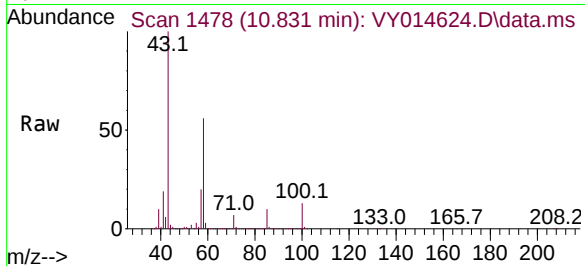
#59
2-Hexanone
Concen: 531.625 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 138926
Ion Ratio Lower Upper
43 100
58 55.1 25.1 75.3

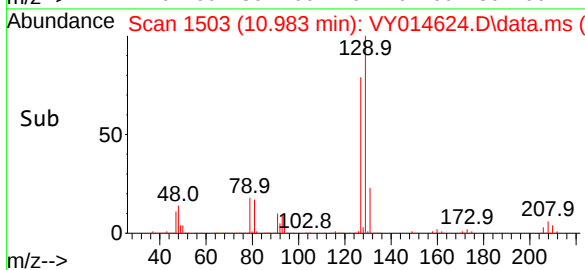
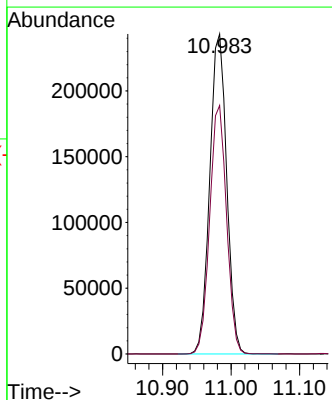
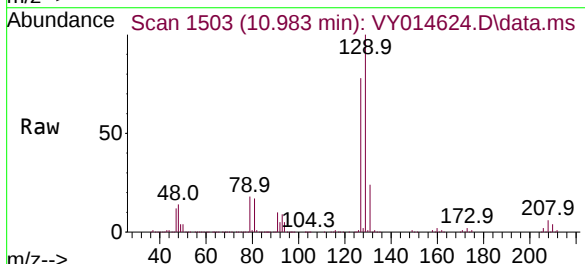
Manual Integrations
APPROVED

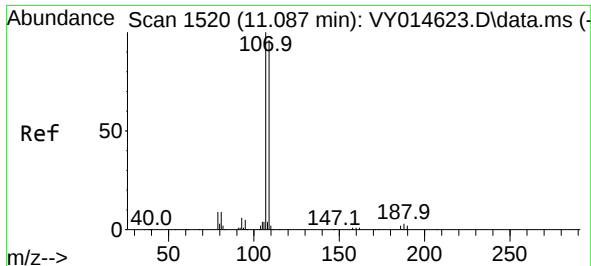
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#60
Dibromochloromethane
Concen: 104.390 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

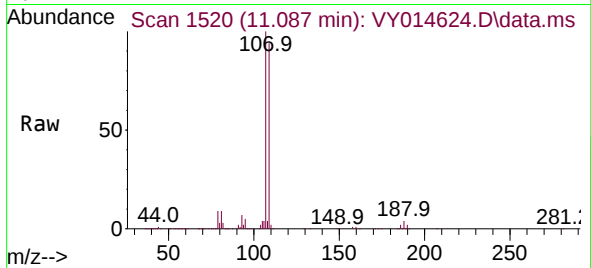
Tgt Ion:129 Resp: 417987
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5





#61
1,2-Dibromoethane
Concen: 104.058 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

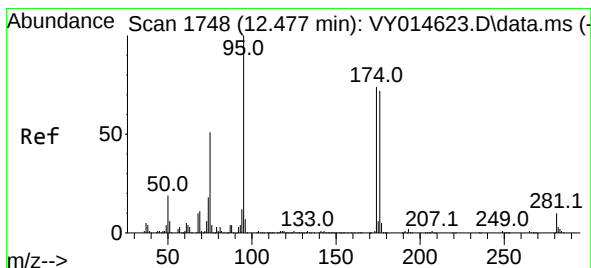
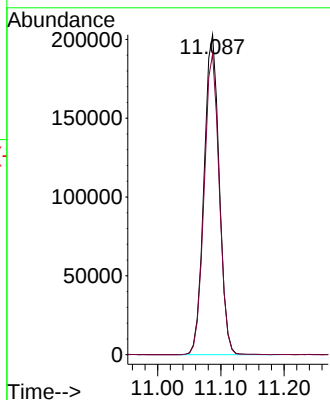
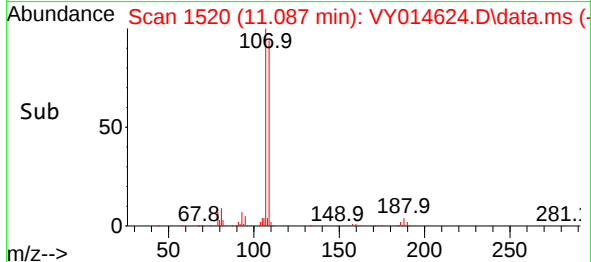
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



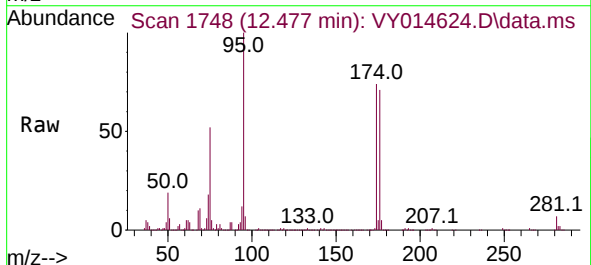
Tgt Ion:107 Resp: 339010
Ion Ratio Lower Upper
107 100
109 93.9 75.6 113.4

Manual Integrations
APPROVED

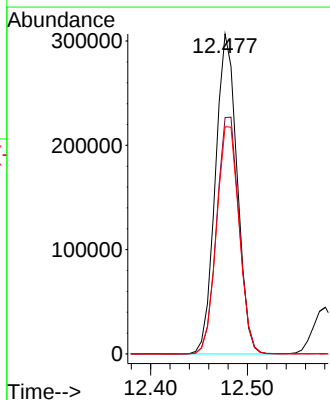
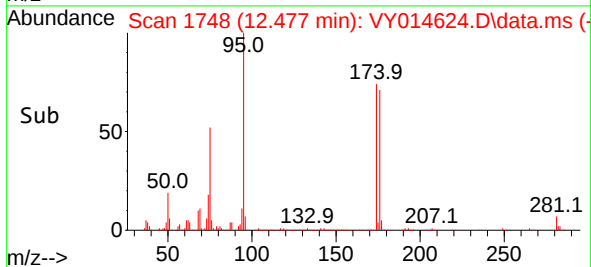
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

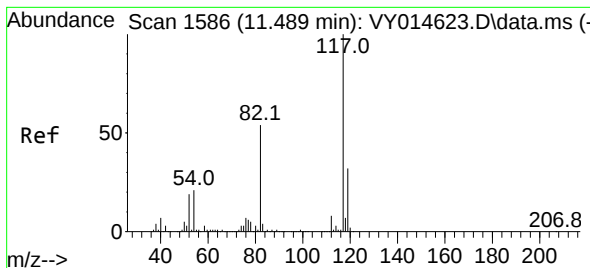


#62
4-Bromofluorobenzene
Concen: 97.342 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42



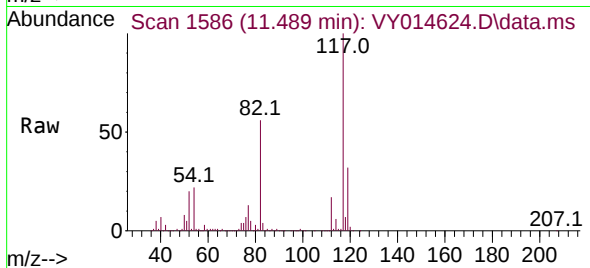
Tgt Ion: 95 Resp: 478847
Ion Ratio Lower Upper
95 100
174 76.4 0.0 178.2
176 74.0 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

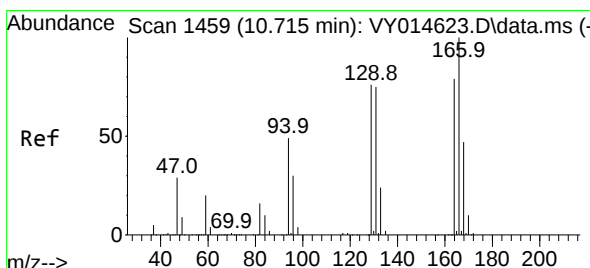
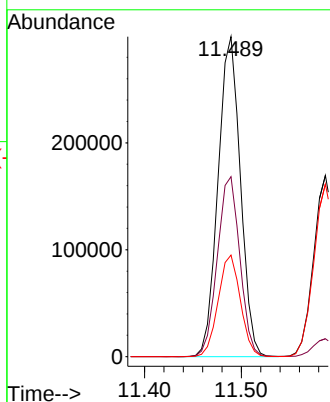
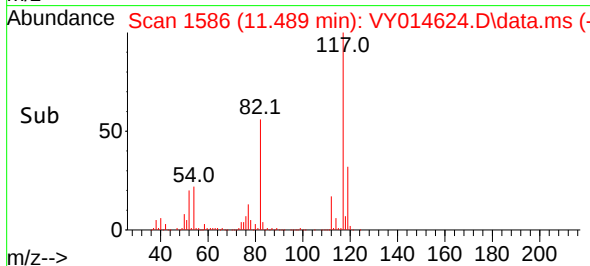
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



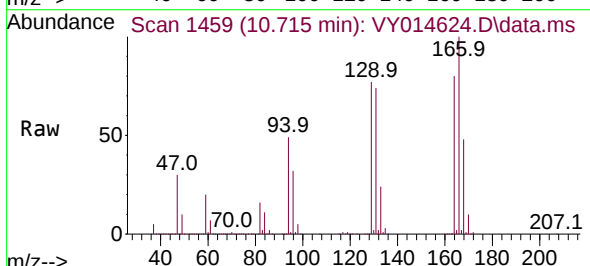
Tgt Ion:117 Resp: 479710
Ion Ratio Lower Upper
117 100
82 56.2 43.4 65.0
119 31.8 26.3 39.5

Manual Integrations
APPROVED

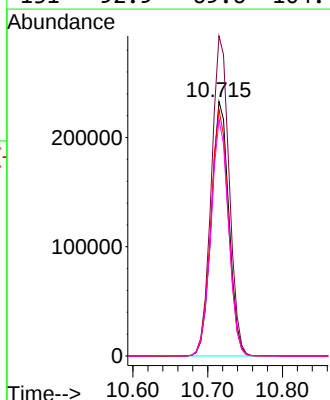
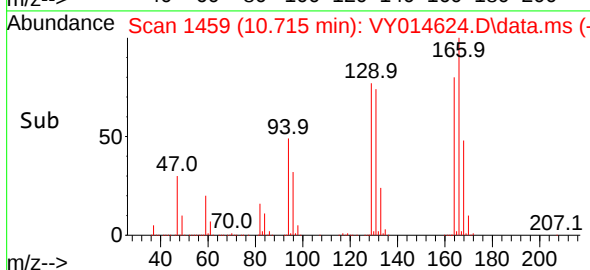
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

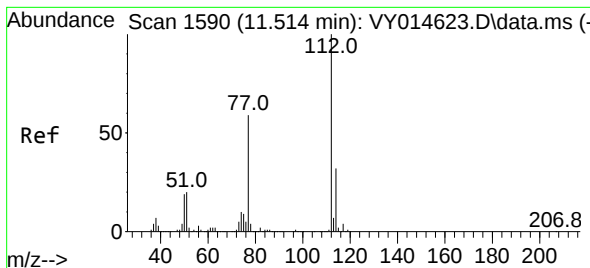


#64
Tetrachloroethene
Concen: 98.679 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42



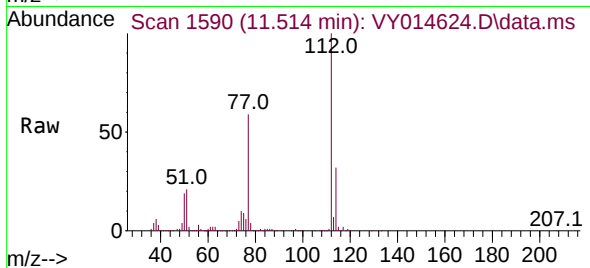
Tgt Ion:164 Resp: 380719
Ion Ratio Lower Upper
164 100
166 125.8 103.0 154.6
129 96.8 77.2 115.8
131 92.9 69.6 104.4





#65
Chlorobenzene
Concen: 103.300 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

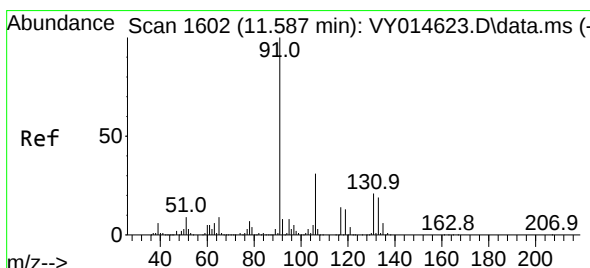
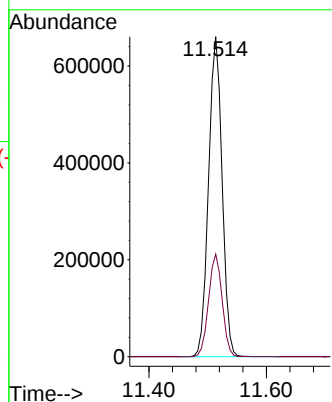
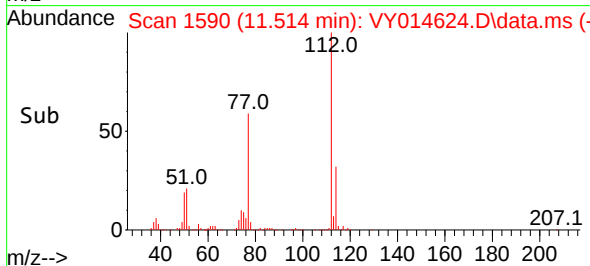
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



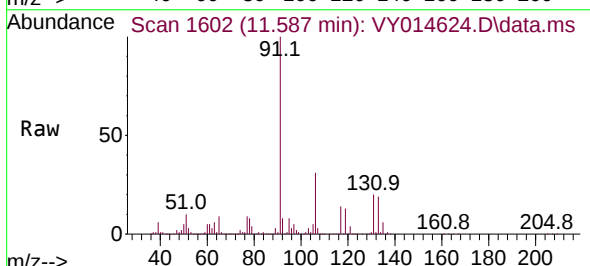
Tgt Ion:112 Resp: 105598
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3

Manual Integrations
APPROVED

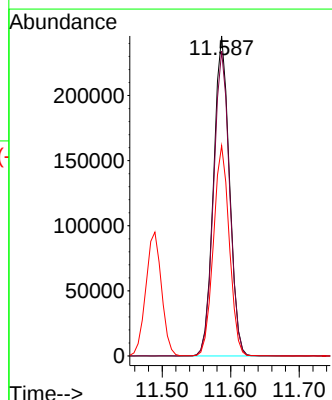
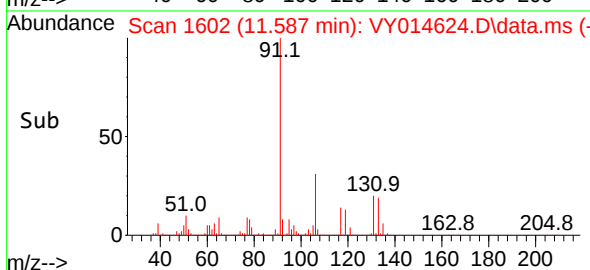
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

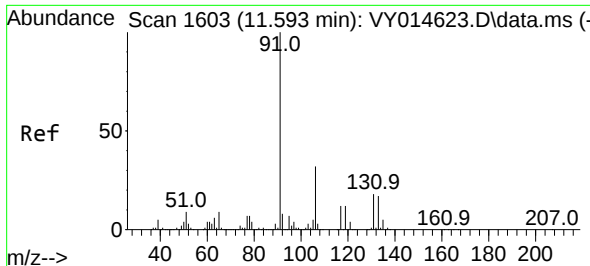


#66
1,1,1,2-Tetrachloroethane
Concen: 102.964 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42



Tgt Ion:131 Resp: 396858
Ion Ratio Lower Upper
131 100
133 95.7 47.5 142.6
119 65.5 31.6 94.7





#67

Ethyl Benzene

Concen: 102.591 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014624.D

Acq: 13 Jul 2023 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 91 Resp: 189350

Ion Ratio Lower Upper

91 100

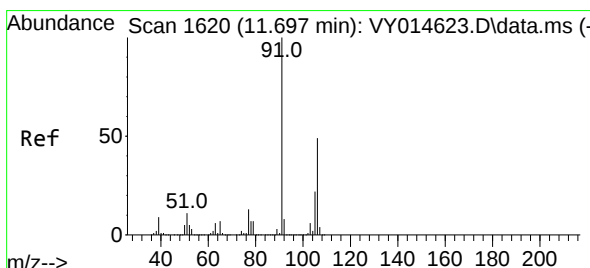
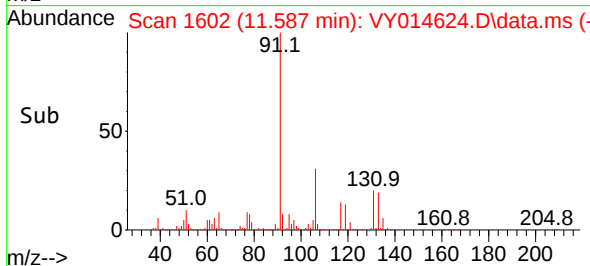
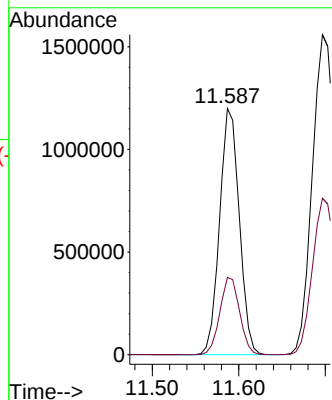
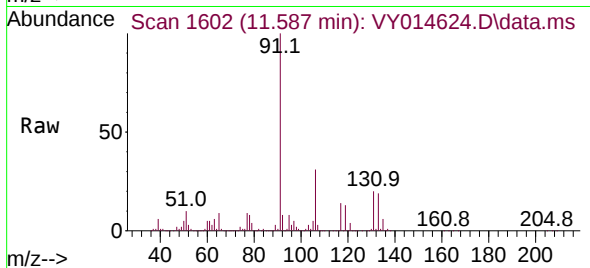
106 31.4 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#68

m/p-Xylenes

Concen: 204.316 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY014624.D

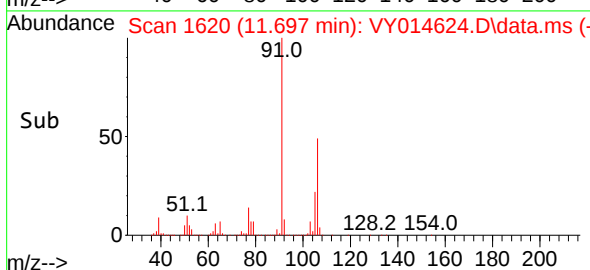
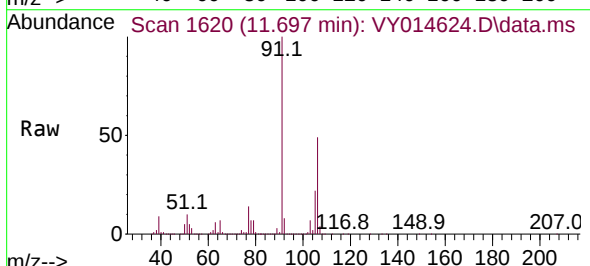
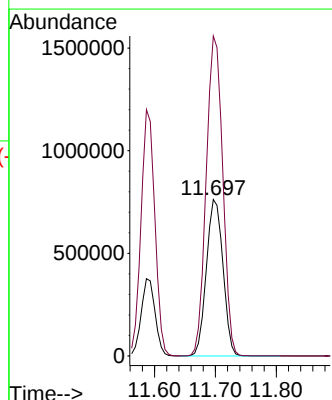
Acq: 13 Jul 2023 10:42

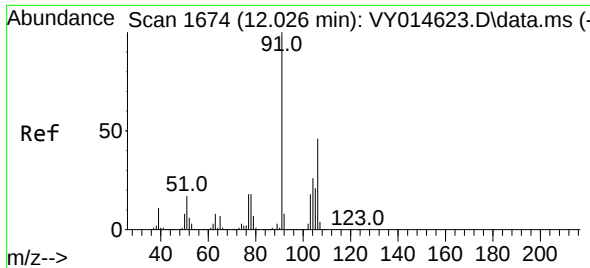
Tgt Ion:106 Resp: 1439492

Ion Ratio Lower Upper

106 100

91 204.0 166.1 249.1





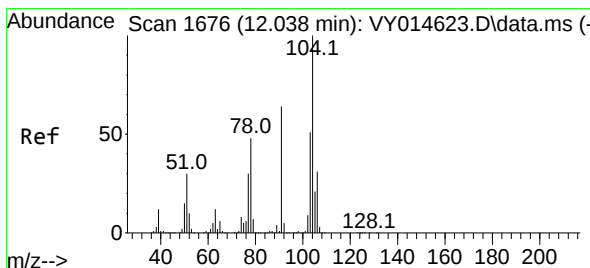
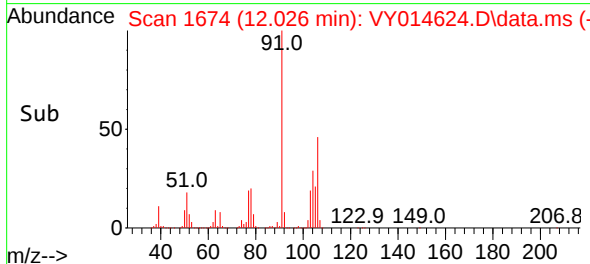
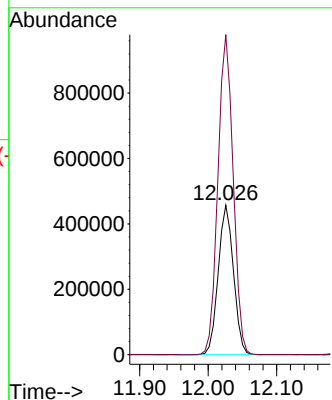
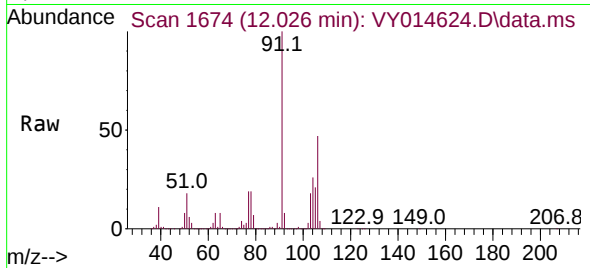
#69
o-Xylene
Concen: 102.740 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 705032
Ion Ratio Lower Upper
106 100
91 214.5 108.1 324.3

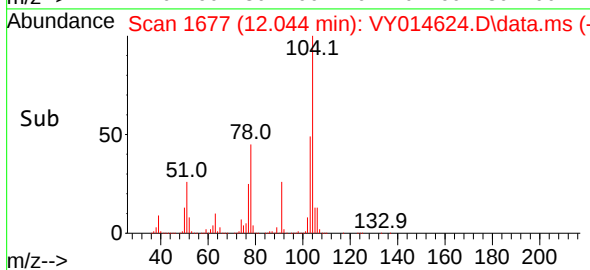
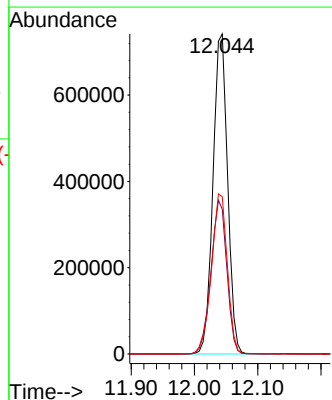
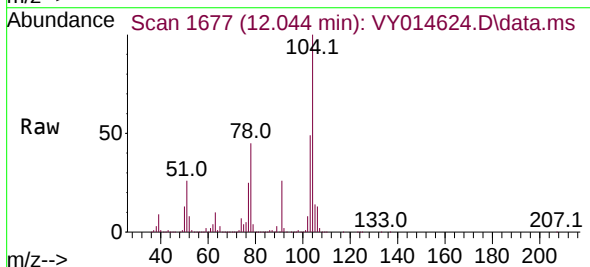
Manual Integrations
APPROVED

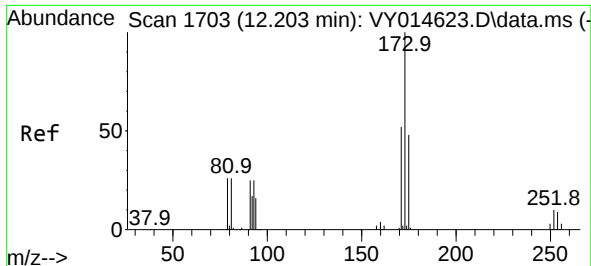
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#70
Styrene
Concen: 102.724 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

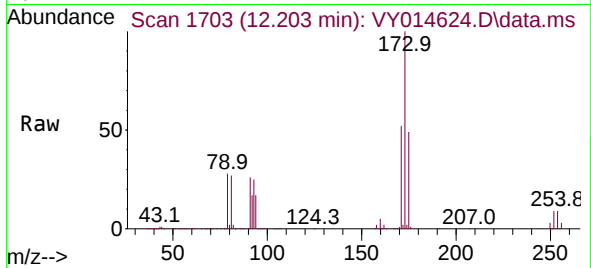
Tgt Ion:104 Resp: 1188097
Ion Ratio Lower Upper
104 100
78 52.4 41.5 62.3
103 54.3 44.6 67.0





#71
Bromoform
Concen: 104.796 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

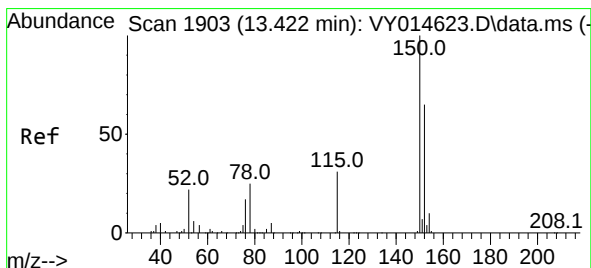
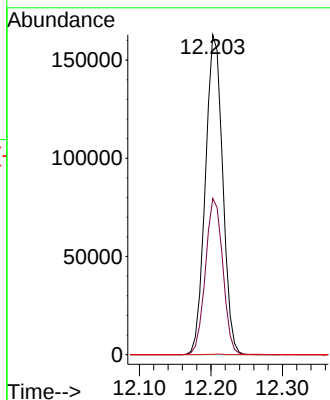
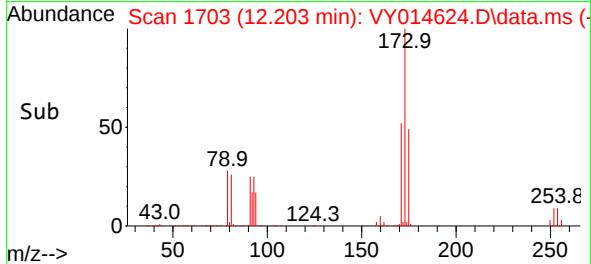
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



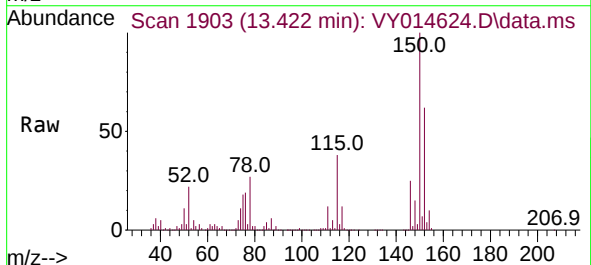
Tgt Ion:173 Resp: 273780
Ion Ratio Lower Upper
173 100
175 49.0 24.6 73.8
254 0.1 0.2 0.2

Manual Integrations
APPROVED

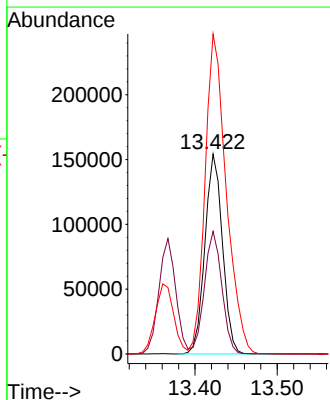
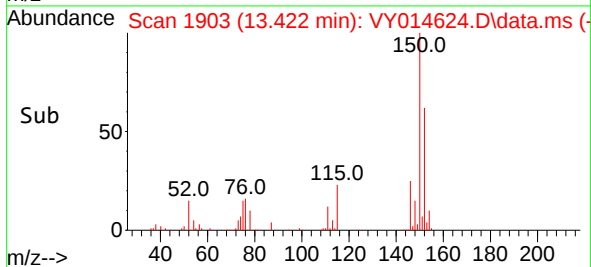
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

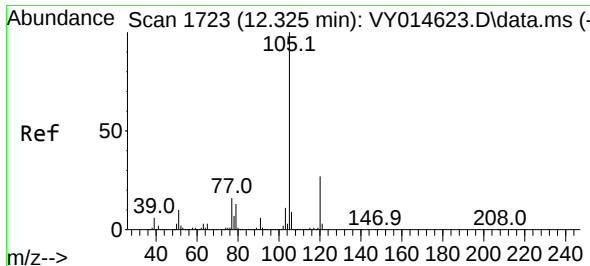


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42



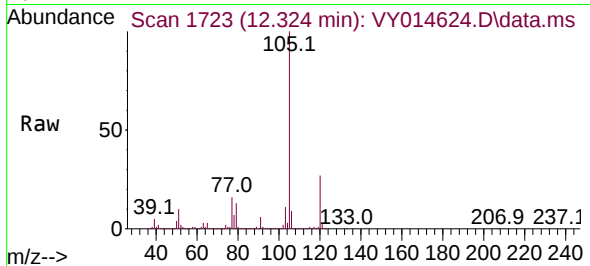
Tgt Ion:152 Resp: 229317
Ion Ratio Lower Upper
152 100
115 60.9 28.8 86.5
150 192.5 0.0 348.8





#73
Isopropylbenzene
Concen: 104.041 ug/l
RT: 12.324 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

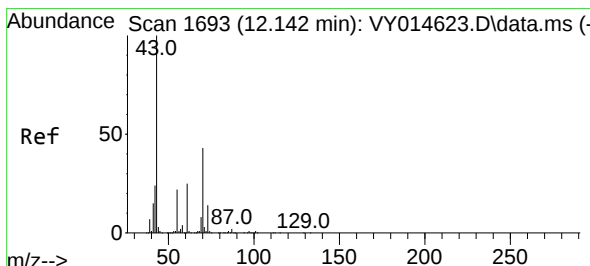
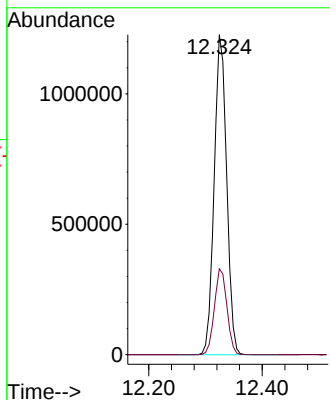
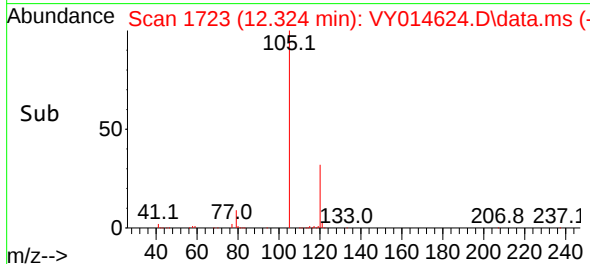
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



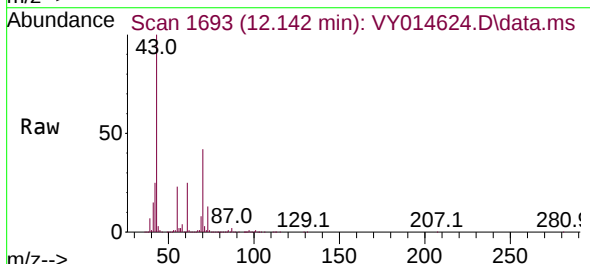
Tgt Ion:105 Resp: 1868120
Ion Ratio Lower Upper
105 100
120 27.0 13.3 39.9

Manual Integrations
APPROVED

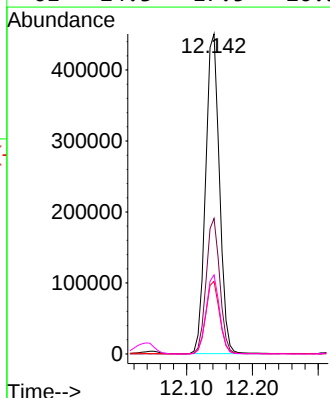
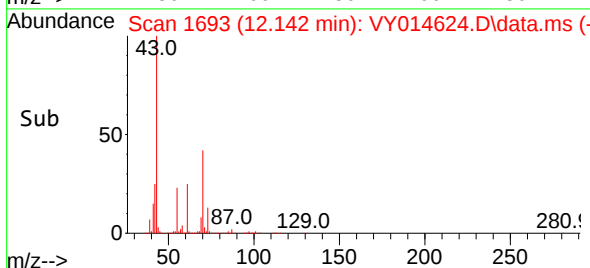
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

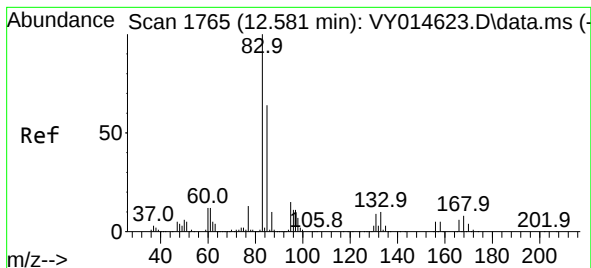


#74
N-ethyl acetate
Concen: 109.578 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42



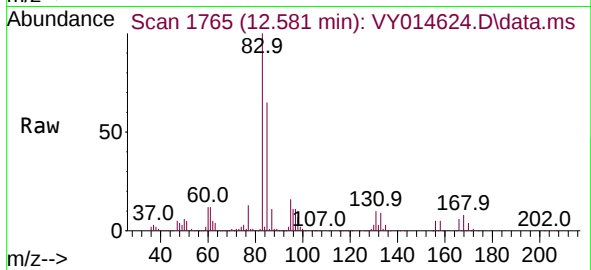
Tgt Ion: 43 Resp: 658969
Ion Ratio Lower Upper
43 100
70 41.8 29.7 44.5
55 22.5 18.3 27.5
61 24.3 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 106.365 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

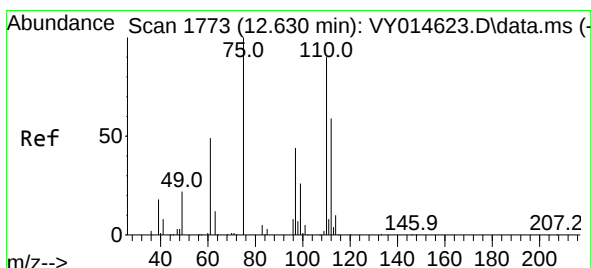
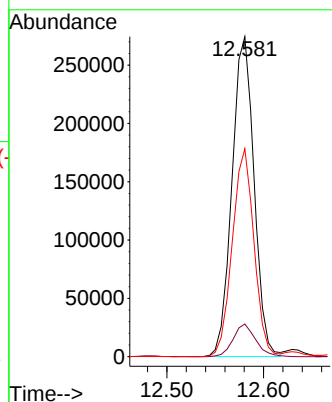
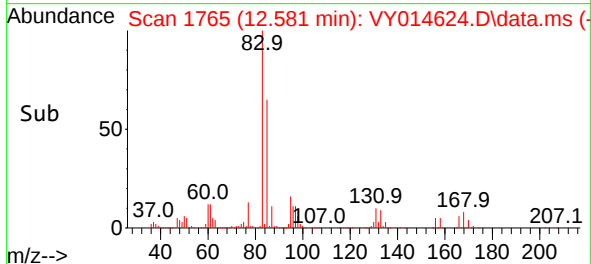
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



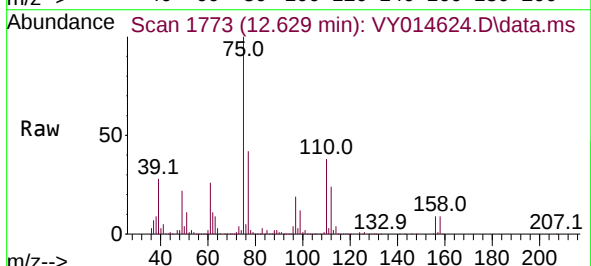
Tgt Ion: 83 Resp: 435530
Ion Ratio Lower Upper
83 100
131 10.4 5.4 16.2
85 63.8 31.8 95.4

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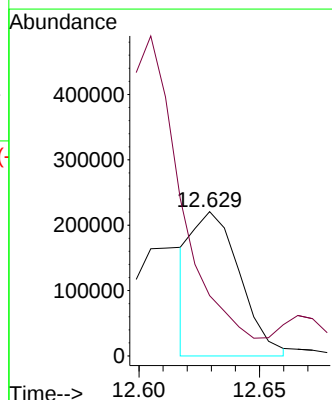
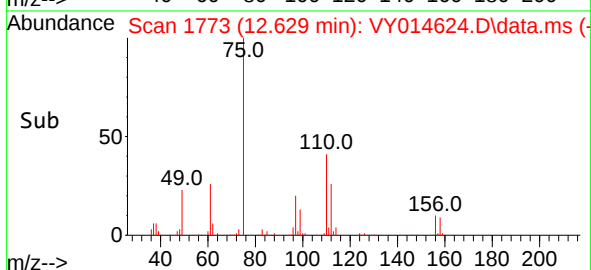
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

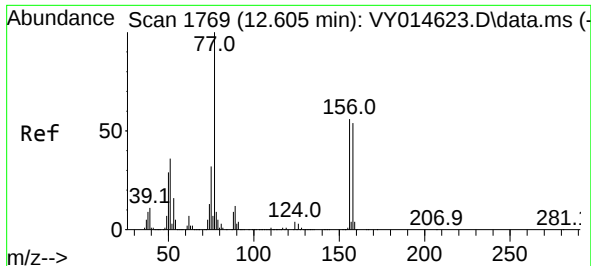


#76
1,2,3-Trichloropropane
Concen: 104.103 ug/l m
RT: 12.629 min Scan# 1773
Delta R.T. -0.001 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42



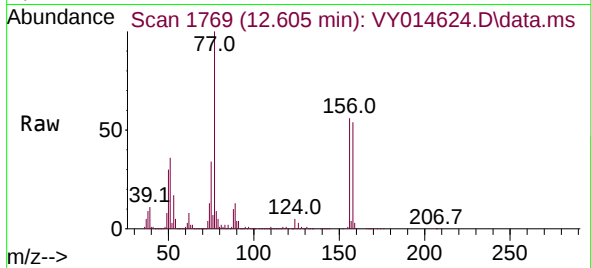
Tgt Ion: 75 Resp: 305504
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 104.791 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

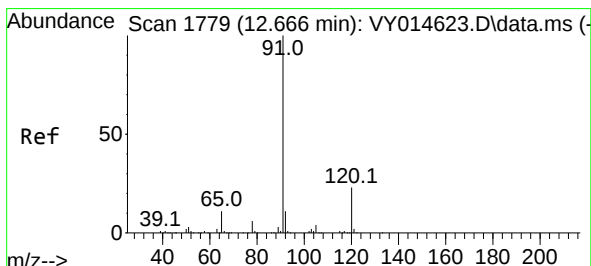
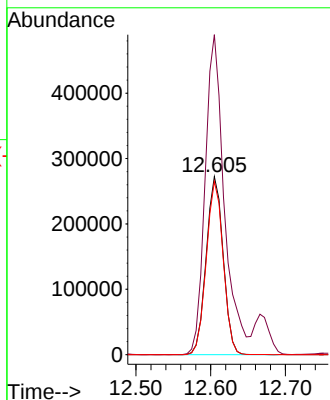
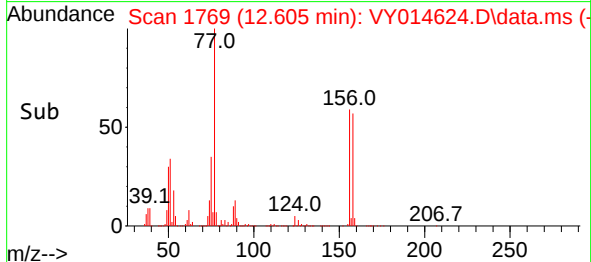
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



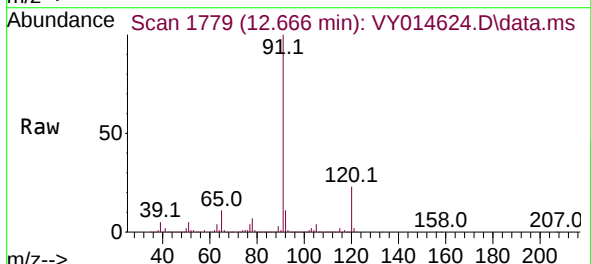
Tgt Ion:156 Resp: 429502
Ion Ratio Lower Upper
156 100
77 202.4 92.8 278.6
158 97.0 48.4 145.3

Manual Integrations
APPROVED

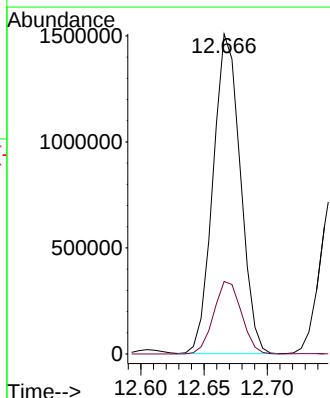
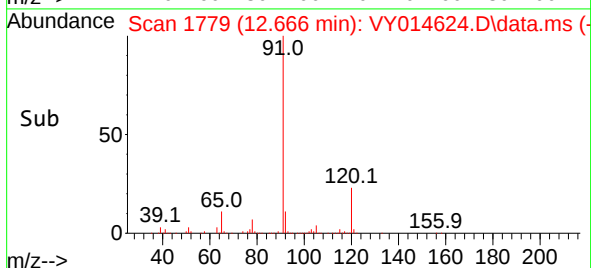
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

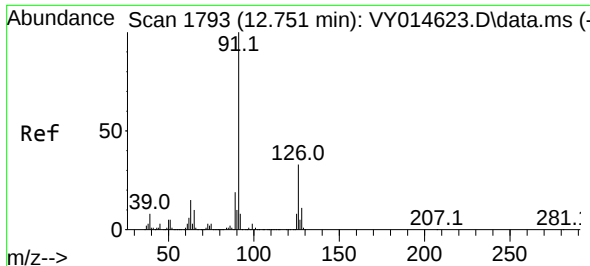


#78
n-propylbenzene
Concen: 104.626 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42



Tgt Ion: 91 Resp: 2263757
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.4





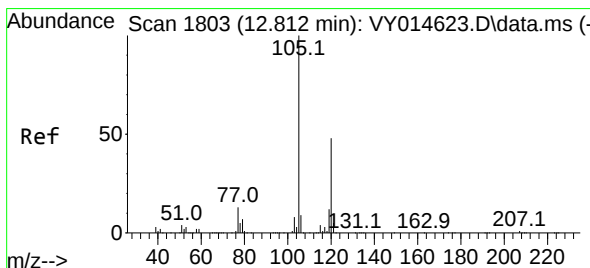
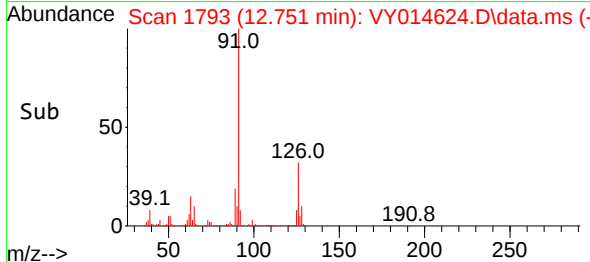
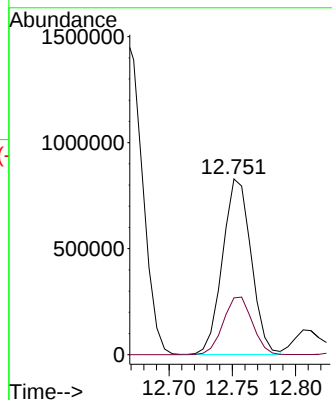
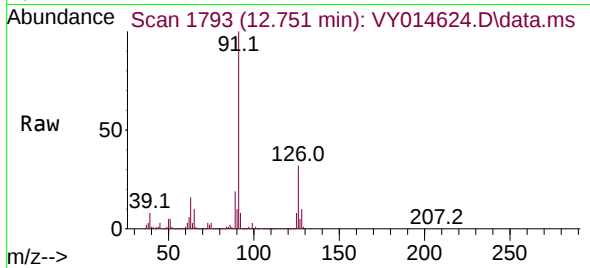
#79
2-Chlorotoluene
Concen: 104.624 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 130386
Ion Ratio Lower Upper
91 100
126 33.4 17.3 51.7

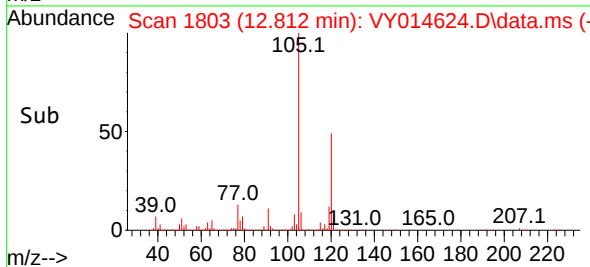
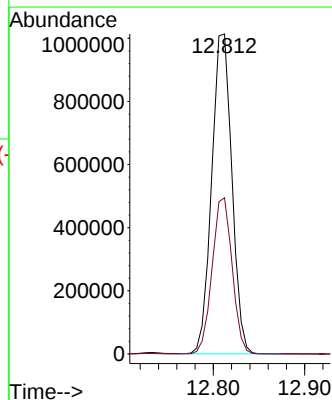
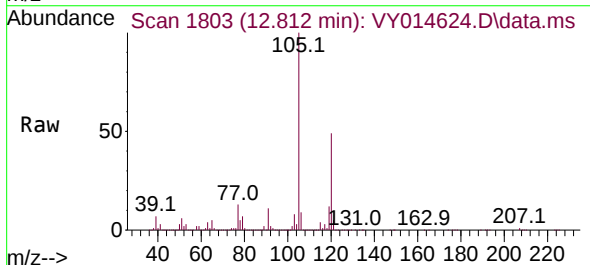
Manual Integrations
APPROVED

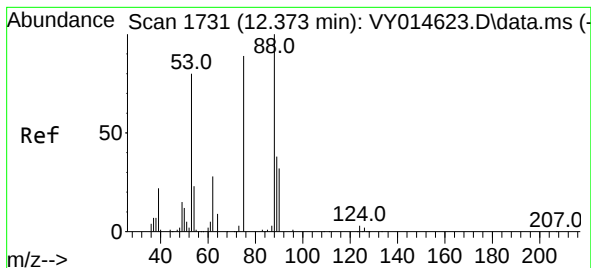
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#80
1,3,5-Trimethylbenzene
Concen: 103.572 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

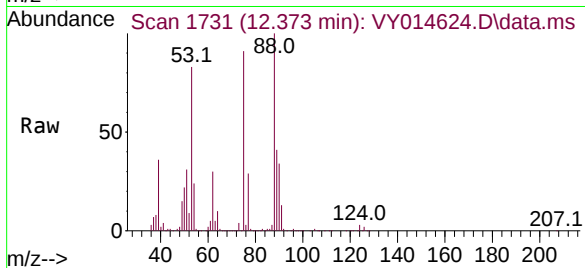
Tgt Ion:105 Resp: 1553124
Ion Ratio Lower Upper
105 100
120 48.5 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 109.052 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

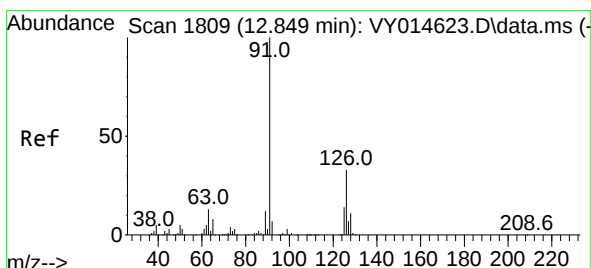
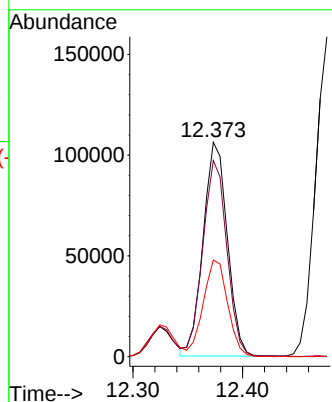
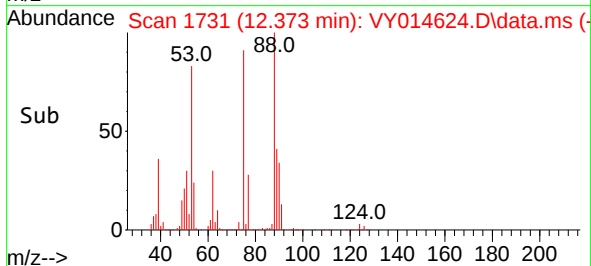
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 75 Resp: 163124
Ion Ratio Lower Upper
75 100
53 91.7 77.8 116.8
89 45.4 37.4 56.0

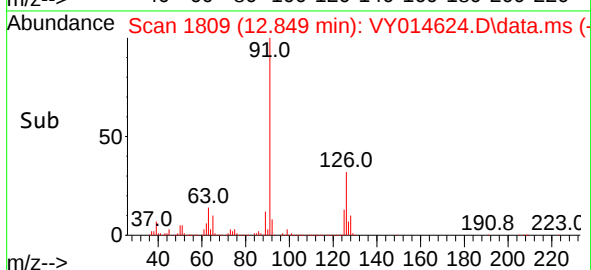
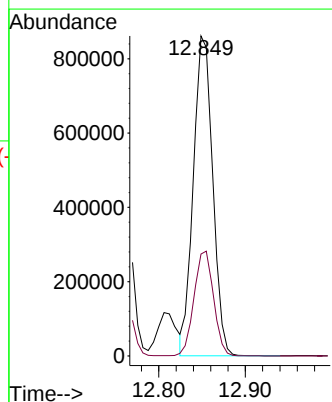
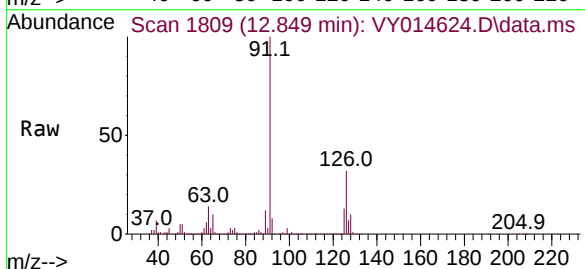
Manual Integrations
APPROVED

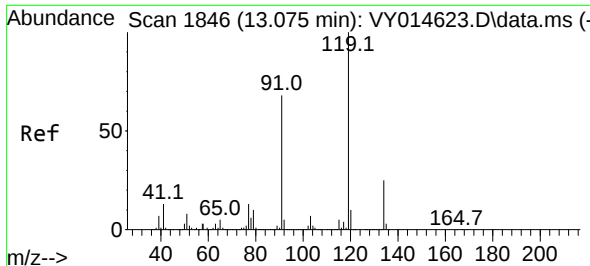
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#82
4-Chlorotoluene
Concen: 104.125 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

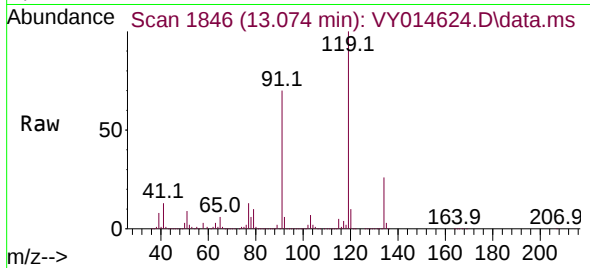
Tgt Ion: 91 Resp: 1336444
Ion Ratio Lower Upper
91 100
126 33.2 17.2 51.6





#83
tert-Butylbenzene
Concen: 104.465 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.001 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

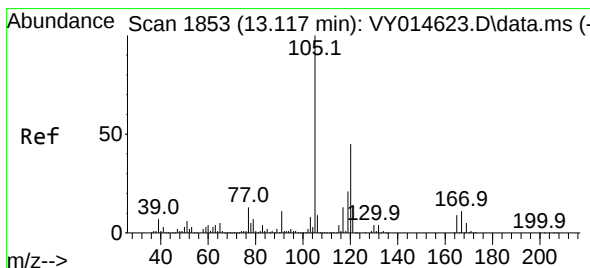
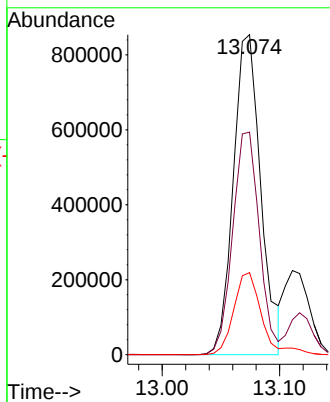
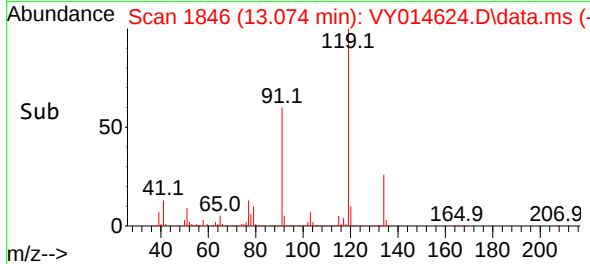
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion:119 Resp: 1389592
Ion Ratio Lower Upper
119 100
91 67.6 32.9 98.6
134 26.2 13.0 38.9

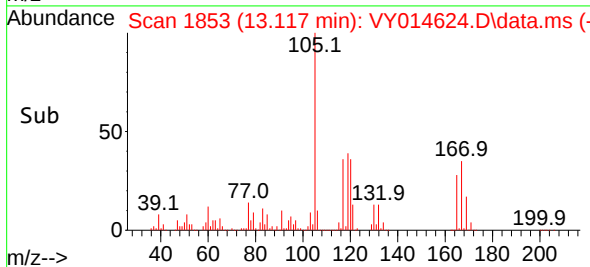
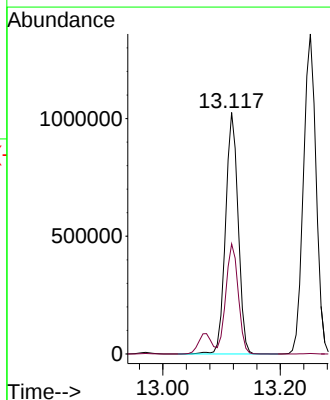
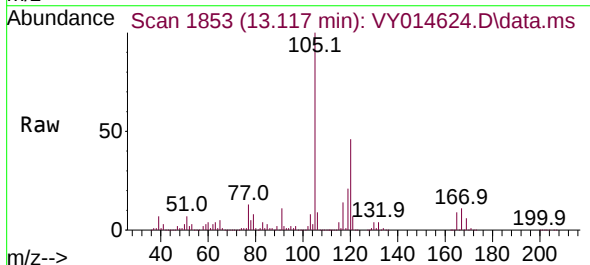
Manual Integrations
APPROVED

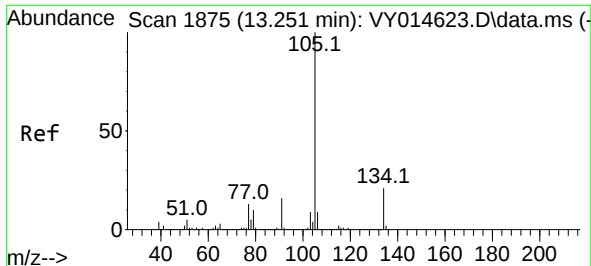
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#84
1,2,4-Trimethylbenzene
Concen: 103.407 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

Tgt Ion:105 Resp: 1521782
Ion Ratio Lower Upper
105 100
120 44.8 22.2 66.6





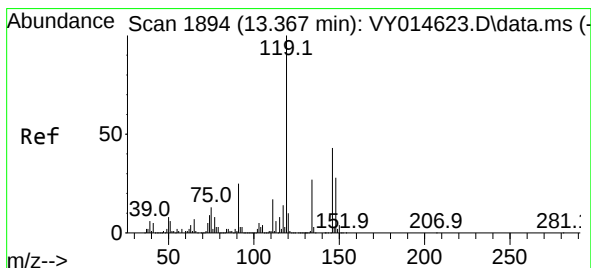
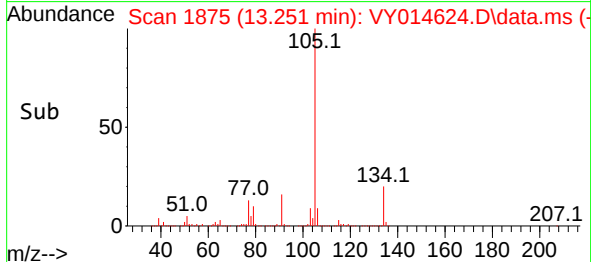
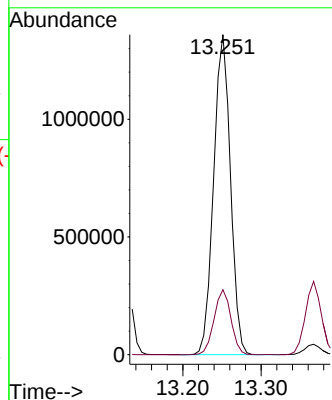
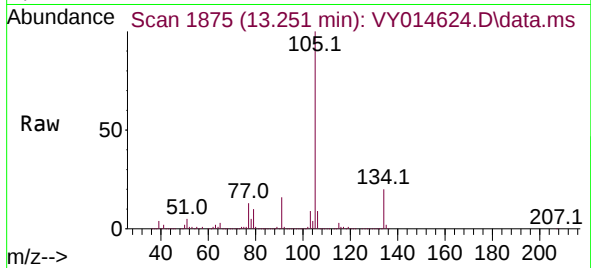
#85
 sec-Butylbenzene
 Concen: 103.770 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY014624.D
 Acq: 13 Jul 2023 10:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tgt Ion:105 Resp: 2024890
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.6

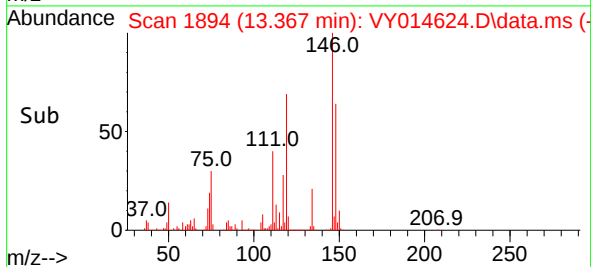
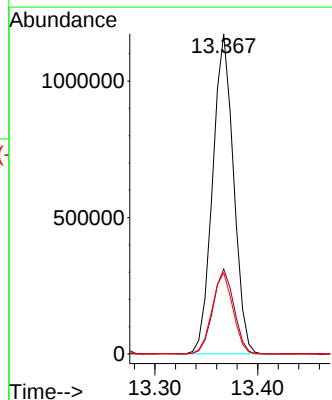
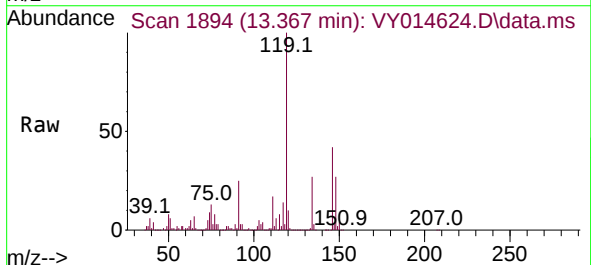
Manual Integrations
 APPROVED

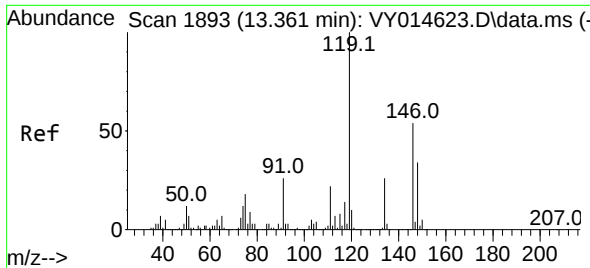
Reviewed By :John Carlone 07/14/2023
 Supervised By :Mahesh Dadoda 07/14/2023



#86
 p-Isopropyltoluene
 Concen: 103.785 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY014624.D
 Acq: 13 Jul 2023 10:42

Tgt Ion:119 Resp: 1653501
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 25.2 12.4 37.4





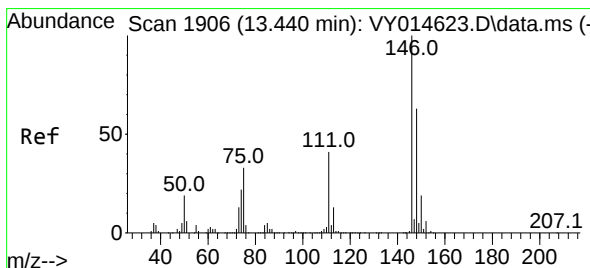
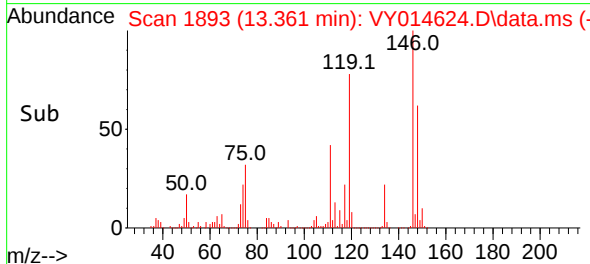
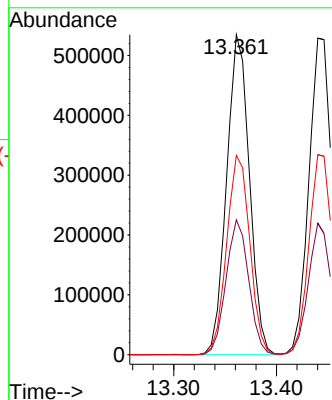
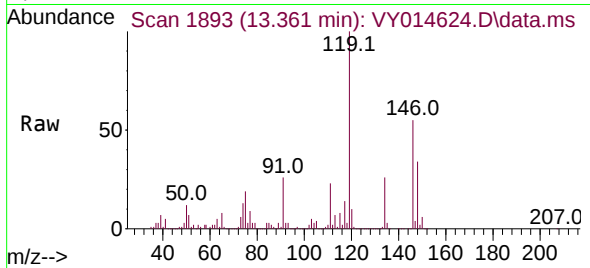
#87
1,3-Dichlorobenzene
Concen: 103.249 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 82362
Ion Ratio Lower Upper
146 100
111 41.9 19.4 58.2
148 63.3 31.9 95.5

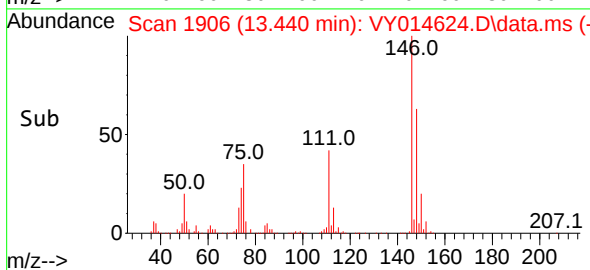
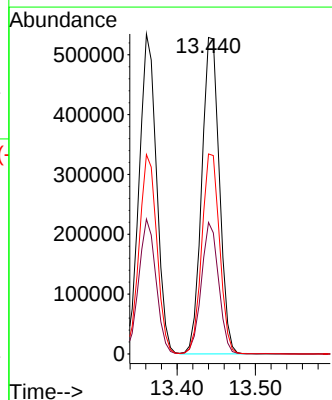
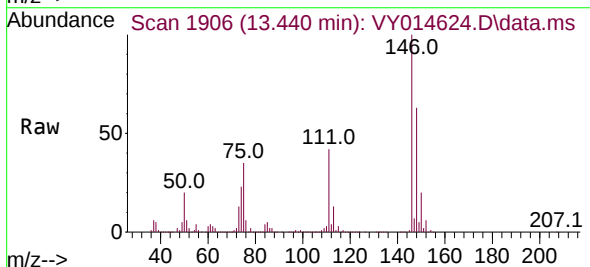
Manual Integrations
APPROVED

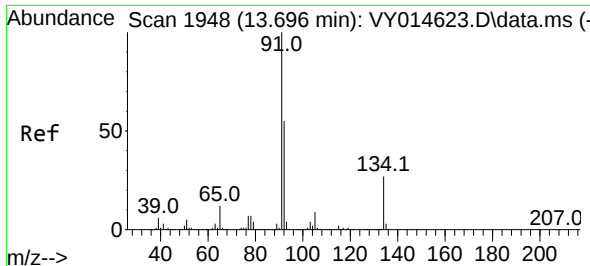
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#88
1,4-Dichlorobenzene
Concen: 103.503 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

Tgt Ion:146 Resp: 827368
Ion Ratio Lower Upper
146 100
111 40.4 18.9 56.7
148 63.6 32.1 96.5





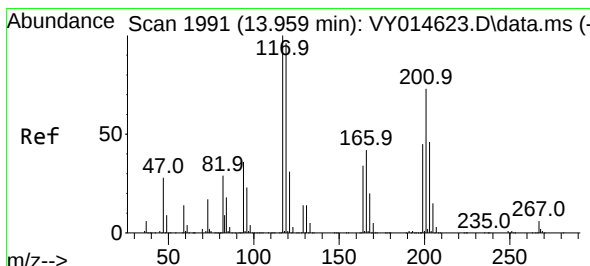
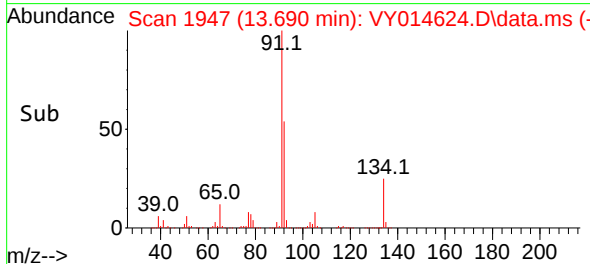
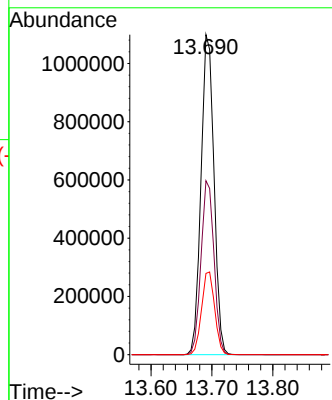
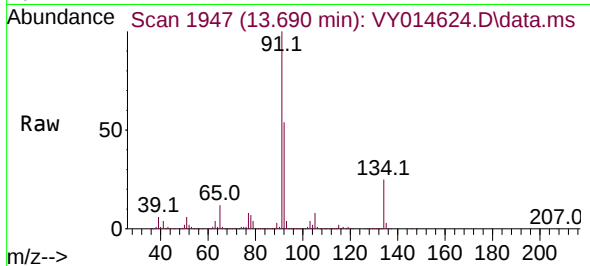
#89
n-Butylbenzene
Concen: 104.952 ug/l
RT: 13.690 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 1626778
Ion Ratio Lower Upper
91 100
92 54.5 25.4 76.0
134 26.2 12.6 37.6

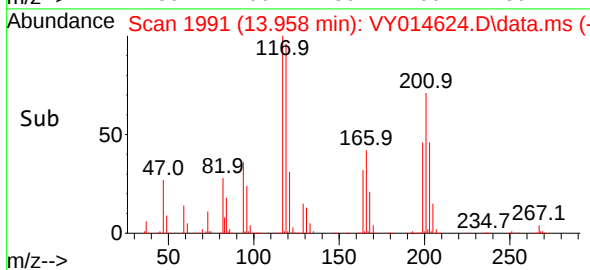
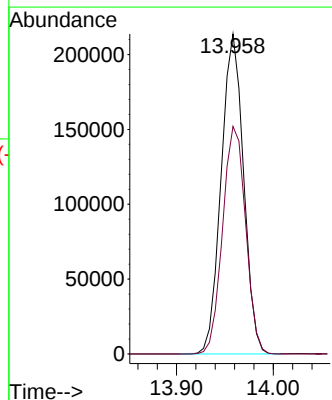
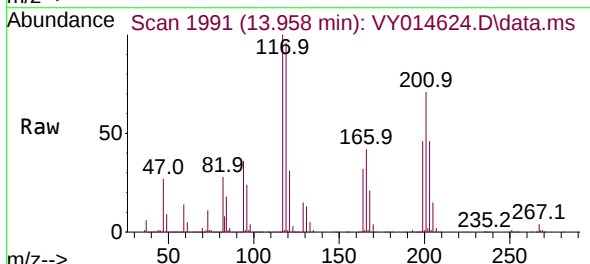
Manual Integrations
APPROVED

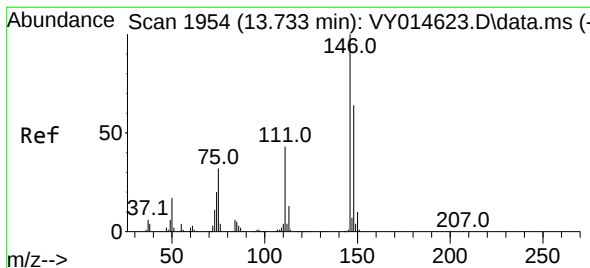
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#90
Hexachloroethane
Concen: 104.861 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.001 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

Tgt Ion:117 Resp: 343148
Ion Ratio Lower Upper
117 100
201 73.1 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 103.704 ug/l

RT: 13.733 min Scan# 1954

Delta R.T. -0.000 min

Lab File: VY014624.D

Acq: 13 Jul 2023 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion:146 Resp: 75792

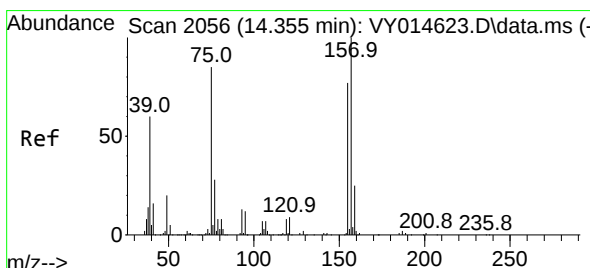
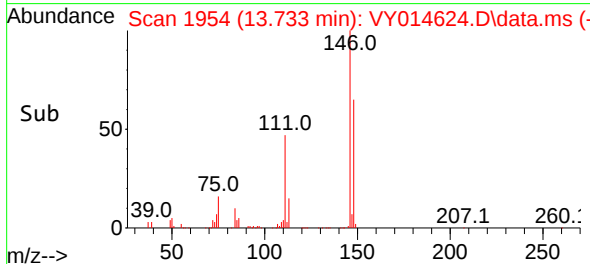
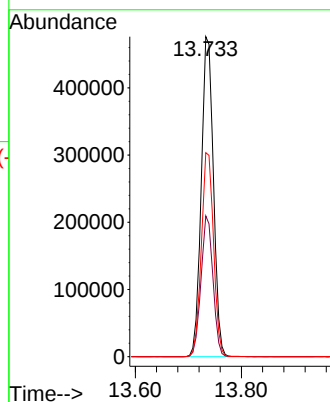
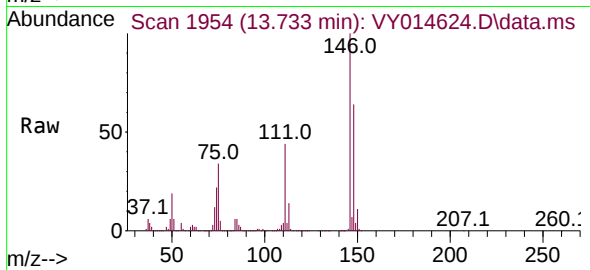
Ion	Ratio	Lower	Upper
146	100		
111	43.3	19.7	59.0
148	64.0	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 107.860 ug/l

RT: 14.355 min Scan# 2056

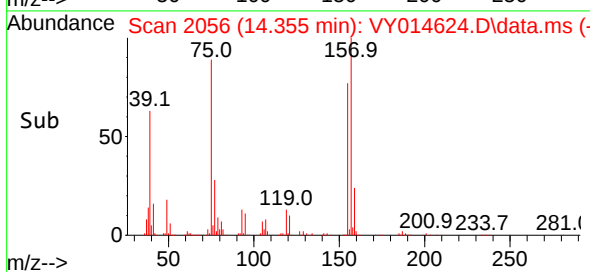
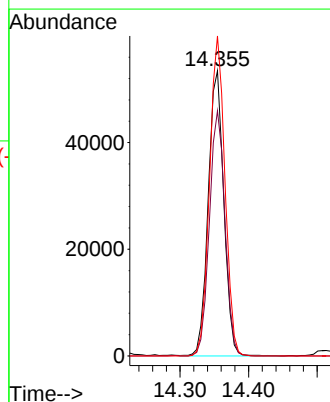
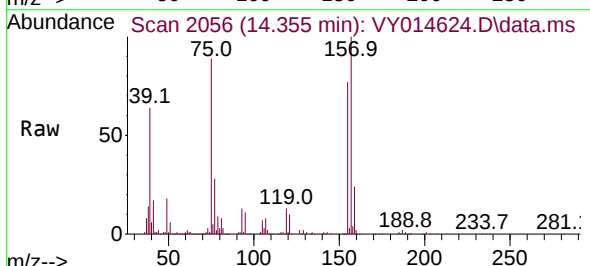
Delta R.T. -0.000 min

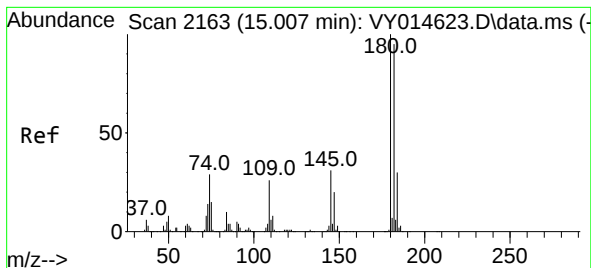
Lab File: VY014624.D

Acq: 13 Jul 2023 10:42

Tgt Ion: 75 Resp: 84461

Ion	Ratio	Lower	Upper
75	100		
155	85.8	41.5	124.6
157	110.9	51.8	155.5





#93

1,2,4-Trichlorobenzene

Concen: 107.682 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY014624.D

Acq: 13 Jul 2023 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion:180 Resp: 49958

Ion Ratio Lower Upper

180 100

182 95.4 47.0 141.2

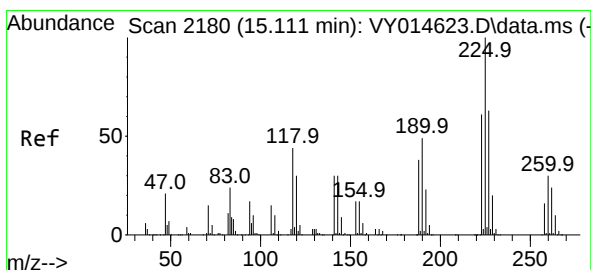
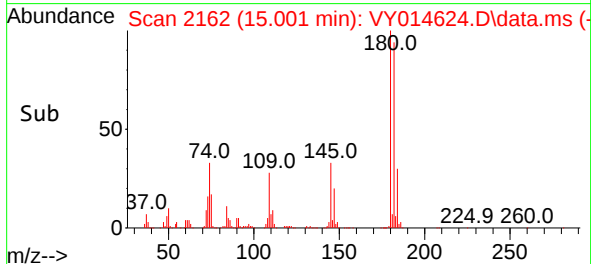
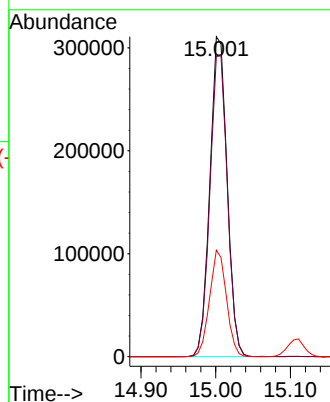
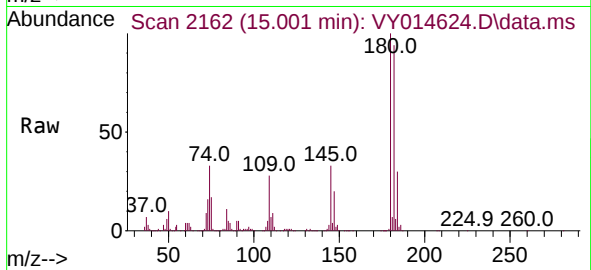
145 32.5 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#94

Hexachlorobutadiene

Concen: 105.758 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014624.D

Acq: 13 Jul 2023 10:42

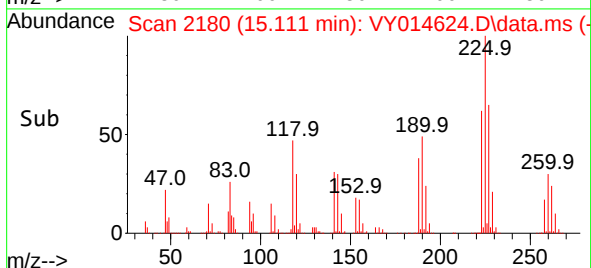
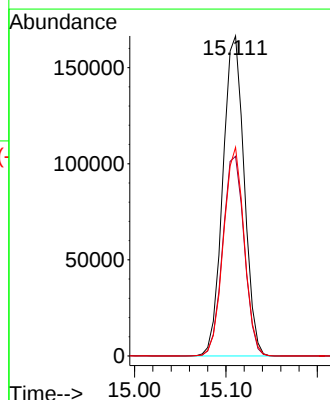
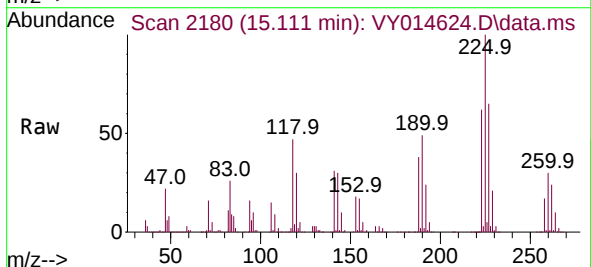
Tgt Ion:225 Resp: 269631

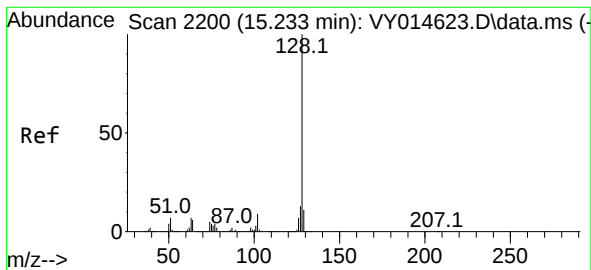
Ion Ratio Lower Upper

225 100

223 63.1 31.9 95.9

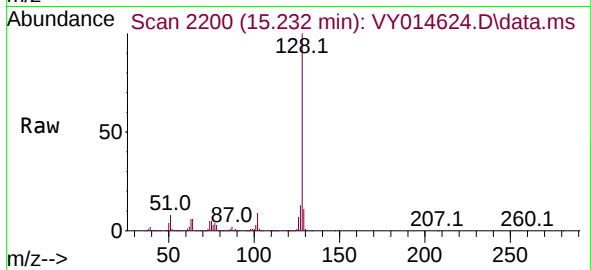
227 63.7 33.0 98.9





#95
Naphthalene
Concen: 110.436 ug/l
RT: 15.232 min Scan# 2200
Delta R.T. -0.001 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

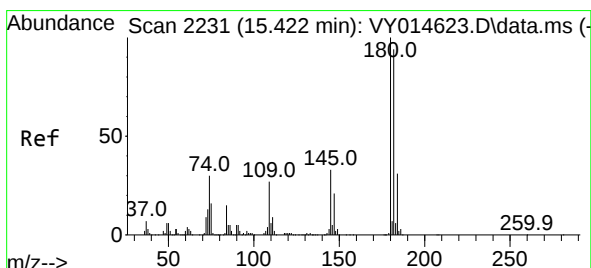
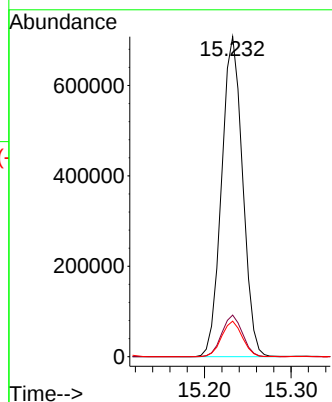
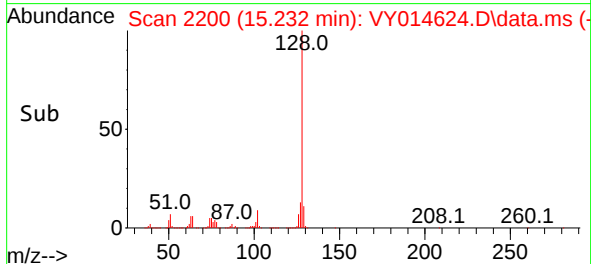
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion:128 Resp: 119367
Ion Ratio Lower Upper
128 100
127 12.8 10.8 16.2
129 10.9 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 108.499 ug/l
RT: 15.421 min Scan# 2231
Delta R.T. -0.001 min
Lab File: VY014624.D
Acq: 13 Jul 2023 10:42

Tgt Ion:180 Resp: 447366
Ion Ratio Lower Upper
180 100
182 94.7 47.3 141.8
145 34.2 15.4 46.2

