

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071323\
 Data File : VY014623.D
 Acq On : 13 Jul 2023 10:19
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: Jul 14 02:00:12 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

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	344513	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	563137	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	498491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	242799	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	192669	49.077	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.160%		
35) Dibromofluoromethane	7.716	113	181093	50.517	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.040%		
50) Toluene-d8	10.179	98	659534	49.903	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.800%		
62) 4-Bromofluorobenzene	12.477	95	250009	49.334	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	98.660%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	133857	47.690	ug/l	97
3) Chloromethane	2.107	50	154316	48.910	ug/l	98
4) Vinyl Chloride	2.247	62	177828	50.431	ug/l	100
5) Bromomethane	2.637	94	115412	49.527	ug/l	99
6) Chloroethane	2.784	64	112079	50.885	ug/l	99
7) Trichlorofluoromethane	3.113	101	302192	51.027	ug/l	100
8) Diethyl Ether	3.521	74	111629	50.661	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.887	101	186776	51.455	ug/l	94
10) Methyl Iodide	4.082	142	186725	48.595	ug/l	95
11) Tert butyl alcohol	4.948	59	191375	234.316	ug/l #	88
12) 1,1-Dichloroethene	3.863	96	174018	51.294	ug/l	93
13) Acrolein	3.723	56	93848	228.714	ug/l	99
14) Allyl chloride	4.466	41	305409	50.701	ug/l	95
15) Acrylonitrile	5.155	53	308409	253.819	ug/l	98
16) Acetone	3.942	43	334202	268.639	ug/l	92
17) Carbon Disulfide	4.186	76	481310	49.554	ug/l	98
18) Methyl Acetate	4.472	43	242646	50.825	ug/l	95
19) Methyl tert-butyl Ether	5.216	73	563237	51.109	ug/l	99
20) Methylene Chloride	4.704	84	208012	51.606	ug/l	93
21) trans-1,2-Dichloroethene	5.210	96	195129	50.682	ug/l	98
22) Diisopropyl ether	6.112	45	630123	51.452	ug/l	92
23) Vinyl Acetate	6.051	43	1888187	257.639	ug/l	96
24) 1,1-Dichloroethane	6.009	63	359763	51.340	ug/l	98
25) 2-Butanone	6.978	43	464972	255.473	ug/l	97
26) 2,2-Dichloropropane	6.978	77	339531	50.840	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	229969	51.316	ug/l	98
28) Bromochloromethane	7.326	49	144198	47.780	ug/l	97
29) Tetrahydrofuran	7.344	42	279056	249.001	ug/l	93
30) Chloroform	7.502	83	368215	50.957	ug/l	97
31) Cyclohexane	7.777	56	315325	48.385	ug/l	94
32) 1,1,1-Trichloroethane	7.697	97	330859	50.873	ug/l	99
36) 1,1-Dichloropropene	7.911	75	278296	51.912	ug/l	99
37) Ethyl Acetate	7.070	43	182134	49.346	ug/l #	94
38) Carbon Tetrachloride	7.899	117	295202	52.092	ug/l	99
39) Methylcyclohexane	9.179	83	360399	51.601	ug/l	96
40) Benzene	8.155	78	790695	51.860	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	94346m	48.336	ug/l	
42) 1,2-Dichloroethane	8.234	62	251373	52.063	ug/l	94
43) Isopropyl Acetate	8.271	43	360994	51.343	ug/l	96
44) Trichloroethene	8.935	130	220008	51.573	ug/l	98
45) 1,2-Dichloropropane	9.209	63	206916	51.972	ug/l	96
46) Dibromomethane	9.301	93	125052	51.776	ug/l	95
47) Bromodichloromethane	9.496	83	296351	52.060	ug/l	97
48) Methyl methacrylate	9.289	41	162702	51.427	ug/l	93
49) 1,4-Dioxane	9.295	88	41098	1043.552	ug/l #	55
51) 4-Methyl-2-Pentanone	10.069	43	947514	256.668	ug/l	94
52) Toluene	10.240	92	505838	51.847	ug/l	94
53) t-1,3-Dichloropropene	10.459	75	323258	51.915	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	352370	52.039	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	174718	51.932	ug/l	96
56) Ethyl methacrylate	10.508	69	269667	52.497	ug/l	92
57) 1,3-Dichloropropane	10.788	76	302822	52.185	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	604885	252.723	ug/l	96
59) 2-Hexanone	10.831	43	698367	259.412	ug/l	92
60) Dibromochloromethane	10.983	129	215448	52.231	ug/l	99
61) 1,2-Dibromoethane	11.087	107	174730	52.061	ug/l	99
64) Tetrachloroethene	10.715	164	205186	51.179	ug/l	97
65) Chlorobenzene	11.514	112	546928	51.487	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	209033	52.190	ug/l	99
67) Ethyl Benzene	11.593	91	995879	51.924	ug/l	98
68) m/p-Xylenes	11.697	106	755304	103.166	ug/l	98
69) o-Xylene	12.026	106	369011	51.748	ug/l	98
70) Styrene	12.038	104	629233	52.355	ug/l	98
71) Bromoform	12.203	173	142545	52.506	ug/l #	98
73) Isopropylbenzene	12.325	105	972512	51.154	ug/l	99
74) N-amyl acetate	12.142	43	330344	51.882	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	219751	50.688	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	155630m	50.087	ug/l	
77) Bromobenzene	12.605	156	225703	52.010	ug/l	93
78) n-propylbenzene	12.666	91	1189972	51.944	ug/l	99
79) 2-Chlorotoluene	12.751	91	683547	51.803	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	825197	51.974	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	82533	52.111	ug/l	94
82) 4-Chlorotoluene	12.849	91	703520	51.769	ug/l	97
83) tert-Butylbenzene	13.075	119	732076	51.979	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	808749	51.904	ug/l	100
85) sec-Butylbenzene	13.251	105	1072955	51.933	ug/l	100
86) p-Isopropyltoluene	13.367	119	882628	52.324	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	439556	52.043	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	439836	51.968	ug/l	98
89) n-Butylbenzene	13.696	91	862412	52.549	ug/l	96
90) Hexachloroethane	13.959	117	180452	52.081	ug/l	89
91) 1,2-Dichlorobenzene	13.733	146	404319	52.250	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	42011	50.671	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	263079	53.557	ug/l	98
94) Hexachlorobutadiene	15.111	225	144204	53.421	ug/l	97
95) Naphthalene	15.233	128	608049	53.132	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	232131	53.172	ug/l	98

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ClientSampleId :
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Quant Title : SW846 8260
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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

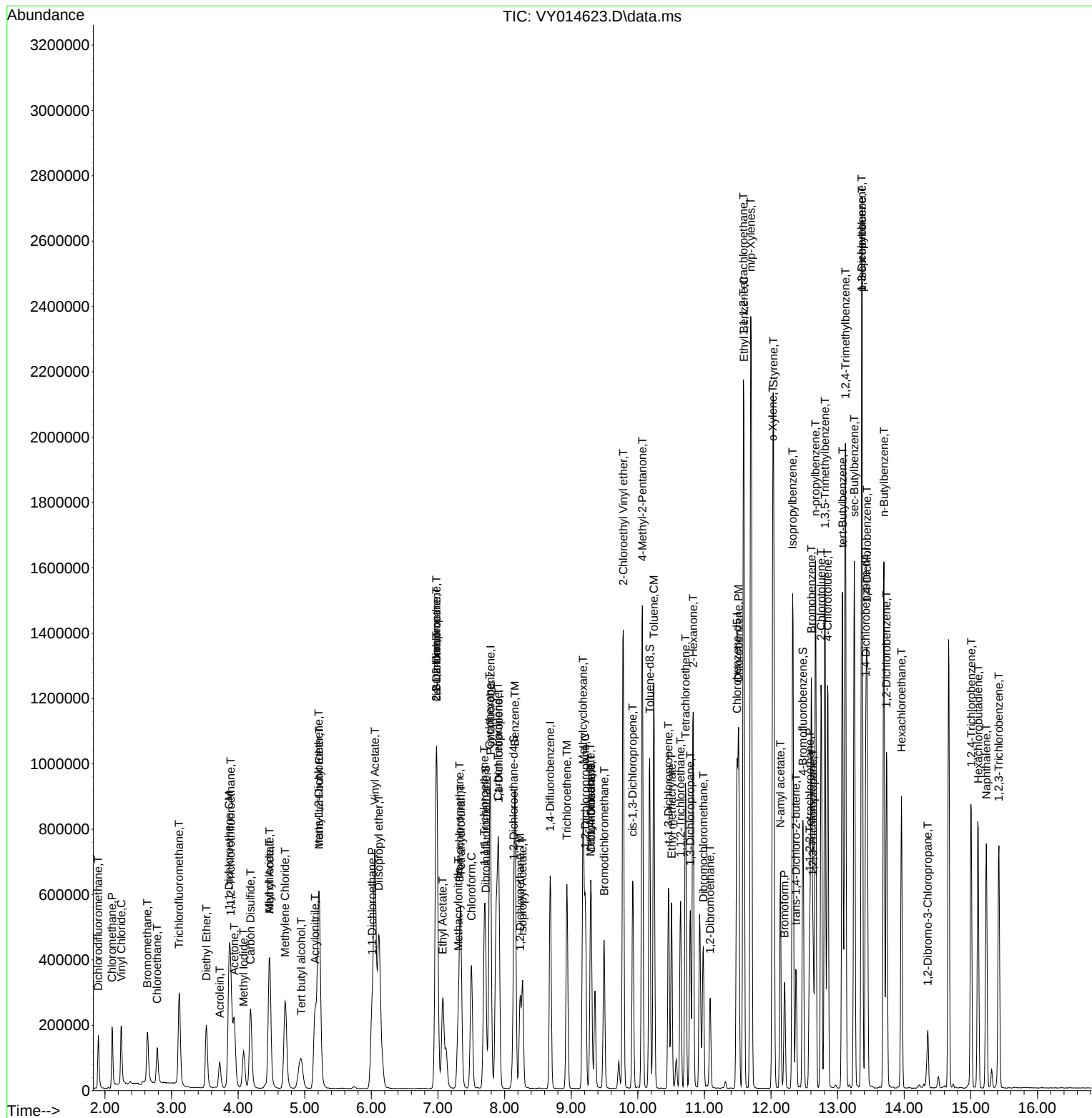
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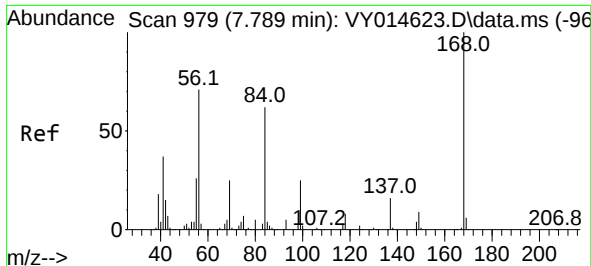
Instrument :
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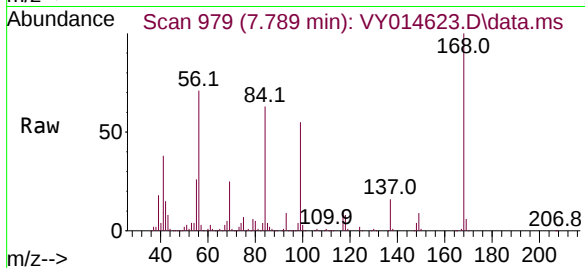
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014623.D
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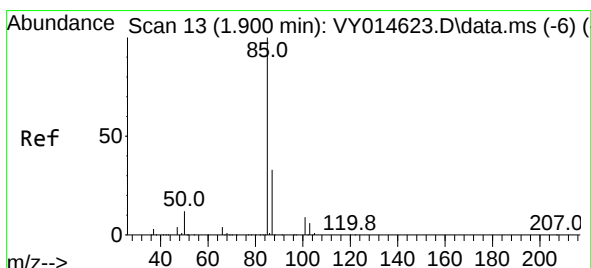
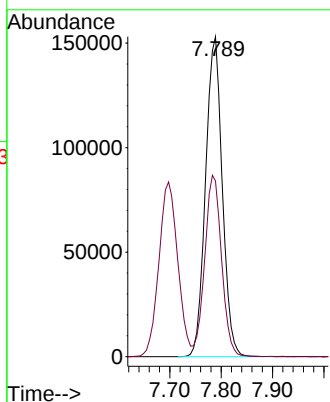
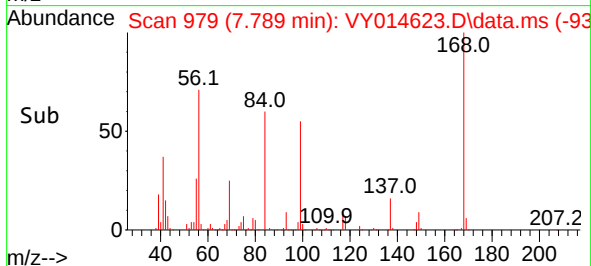
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 34451
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0

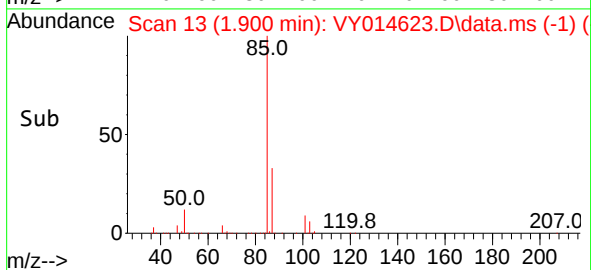
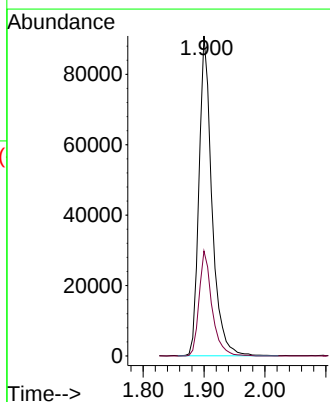
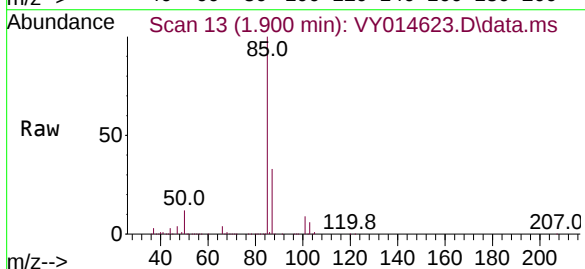
Manual Integrations
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Supervised By :Mahesh Dadoda 07/14/2023



#2
Dichlorodifluoromethane
Concen: 47.690 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

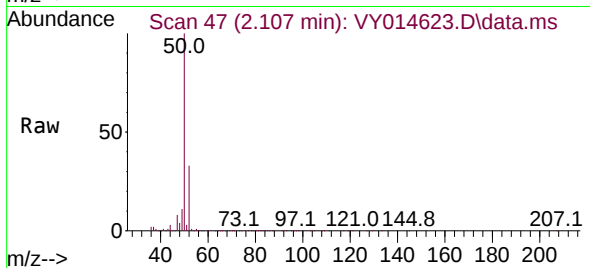
Tgt Ion: 85 Resp: 133857
Ion Ratio Lower Upper
85 100
87 32.9 15.6 46.8





#3
Chloromethane
Concen: 48.910 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

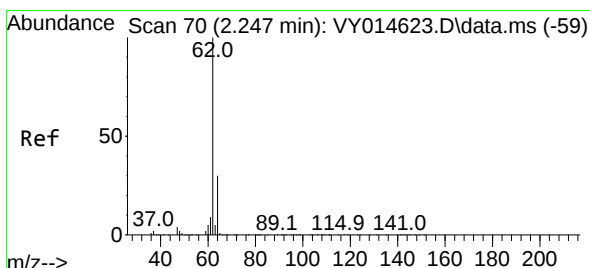
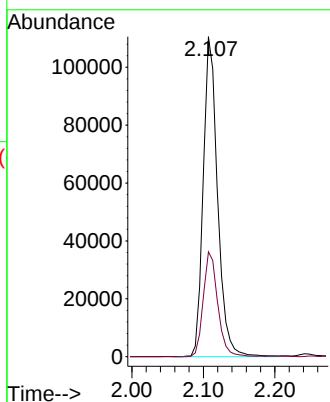
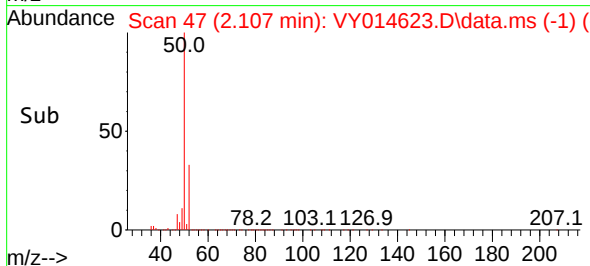
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ClientSampleId :
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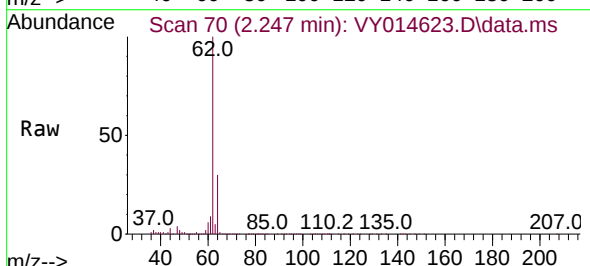
Tgt Ion: 50 Resp: 154310
Ion Ratio Lower Upper
50 100
52 32.7 25.4 38.2

Manual Integrations
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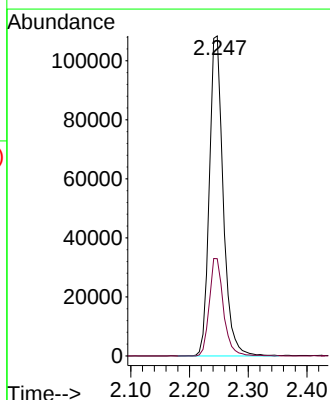
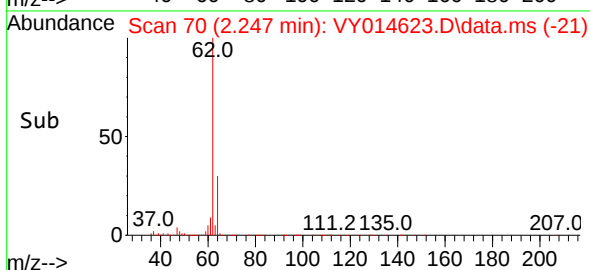
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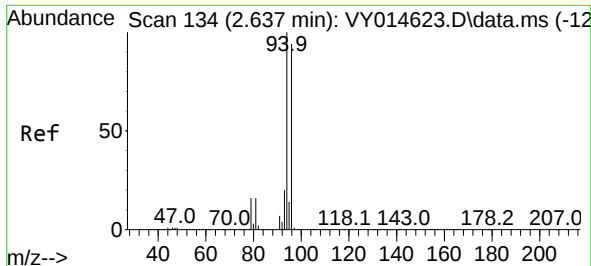


#4
Vinyl Chloride
Concen: 50.431 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19



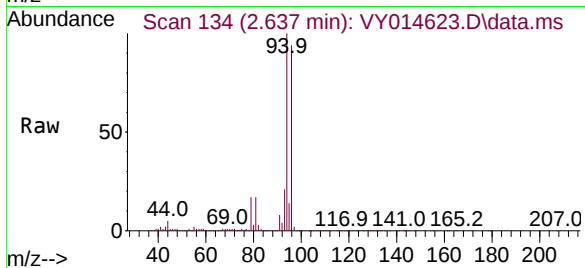
Tgt Ion: 62 Resp: 177828
Ion Ratio Lower Upper
62 100
64 30.4 24.3 36.5





#5
Bromomethane
Concen: 49.527 ug/l
RT: 2.637 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

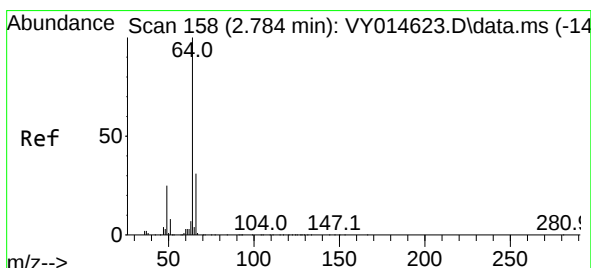
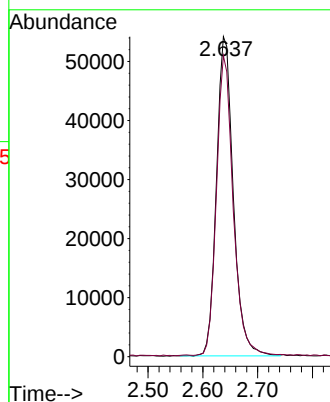
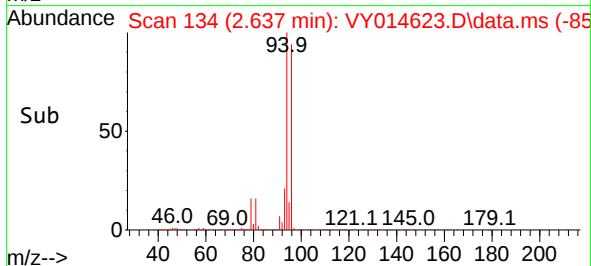
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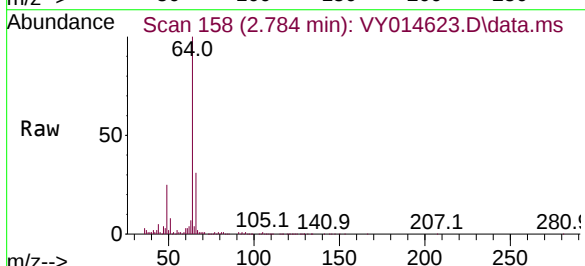
Tgt Ion: 94 Resp: 11541
Ion Ratio Lower Upper
94 100
96 93.9 75.8 113.6

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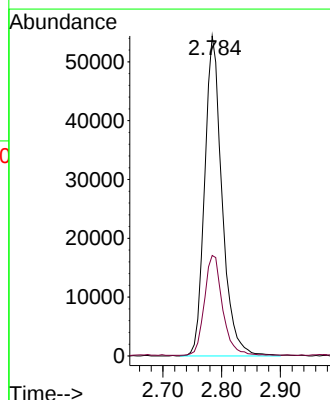
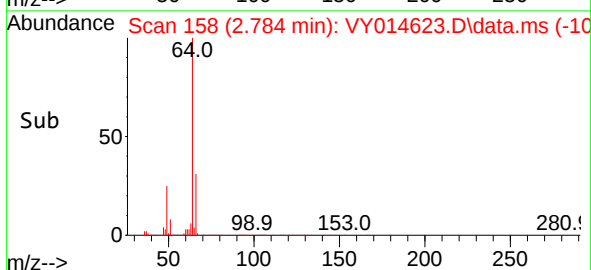
Reviewed By :John Carlone 07/14/2023
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#6
Chloroethane
Concen: 50.885 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19



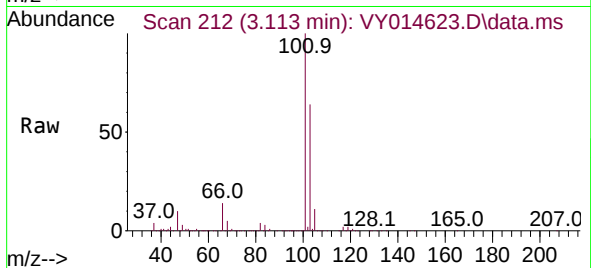
Tgt Ion: 64 Resp: 112079
Ion Ratio Lower Upper
64 100
66 31.2 24.4 36.6





#7
Trichlorofluoromethane
Concen: 51.027 ug/l
RT: 3.113 min Scan# 212
Delta R.T. -0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

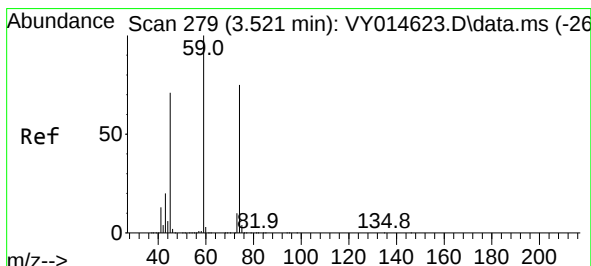
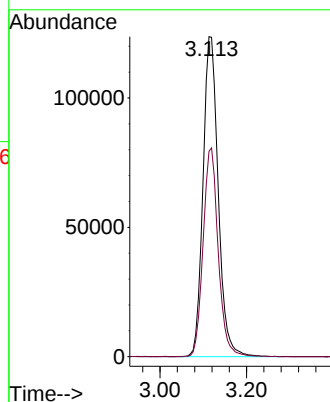
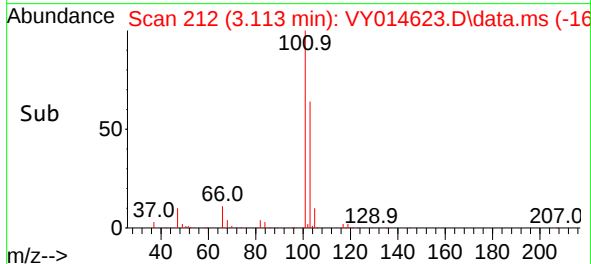
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion:101 Resp: 302192
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.0

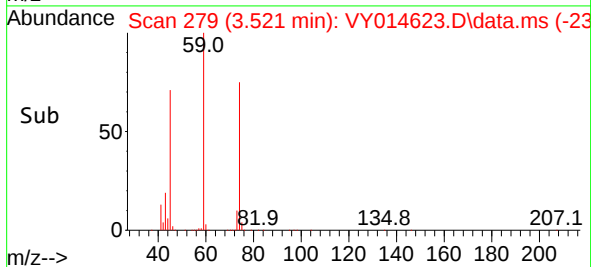
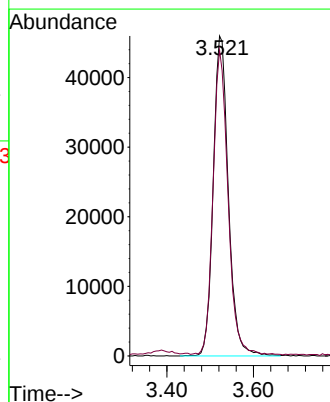
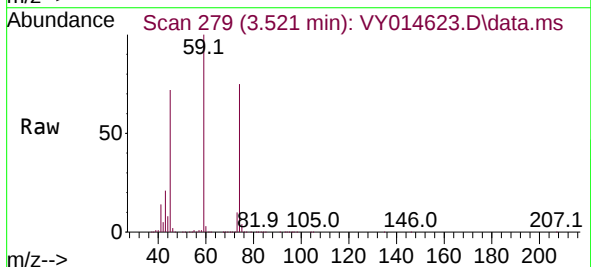
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#8
Diethyl Ether
Concen: 50.661 ug/l
RT: 3.521 min Scan# 279
Delta R.T. 0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

Tgt Ion: 74 Resp: 111629
Ion Ratio Lower Upper
74 100
45 94.1 51.5 154.5





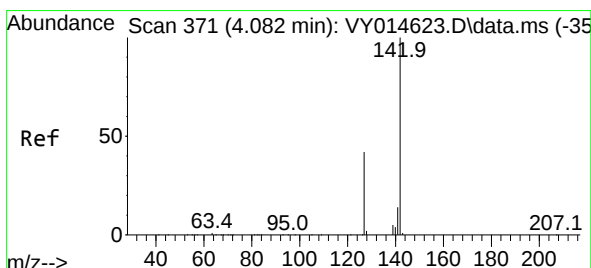
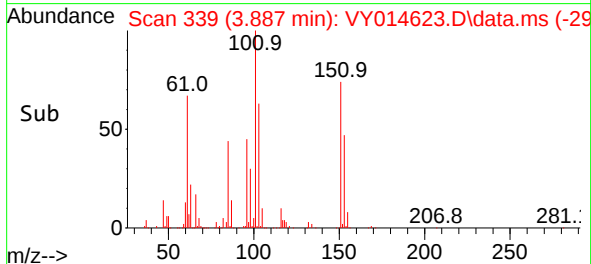
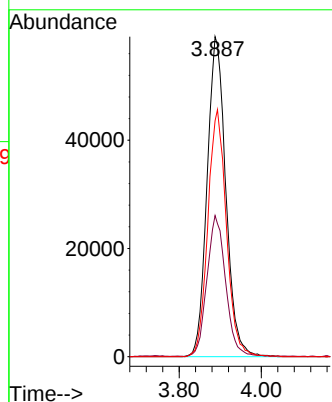
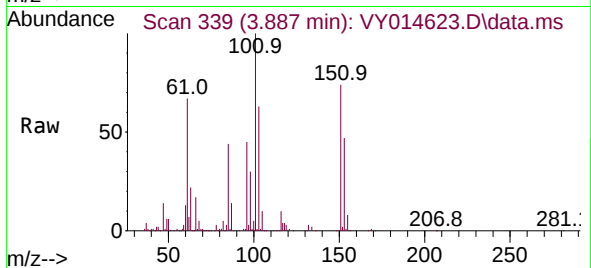
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.455 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 186770
Ion Ratio Lower Upper
101 100
85 44.3 36.6 55.0
151 76.6 67.0 100.6

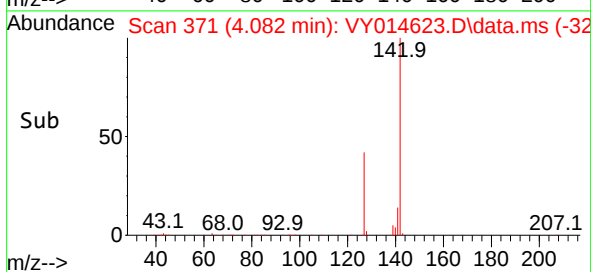
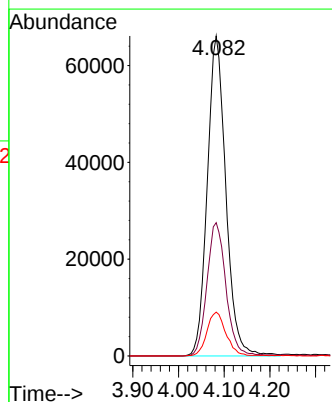
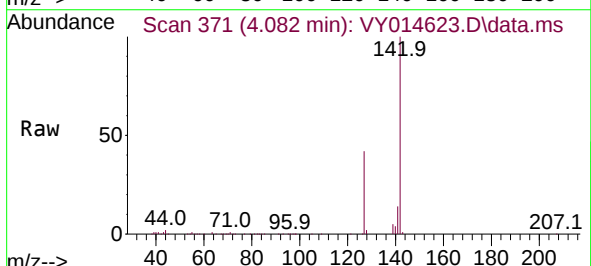
Manual Integrations
APPROVED

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



#10
Methyl Iodide
Concen: 48.595 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

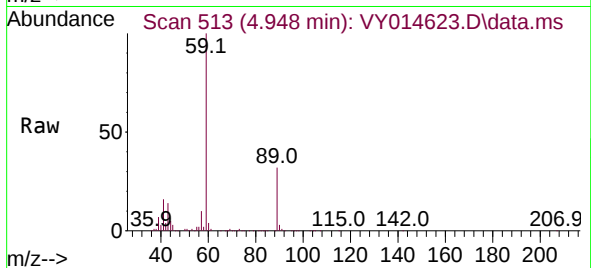
Tgt Ion:142 Resp: 186725
Ion Ratio Lower Upper
142 100
127 42.8 37.6 56.4
141 14.3 11.8 17.8





#11
Tert butyl alcohol
Concen: 234.316 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

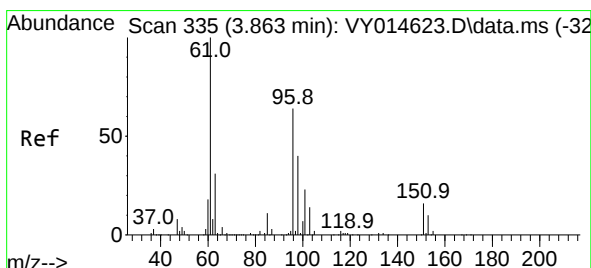
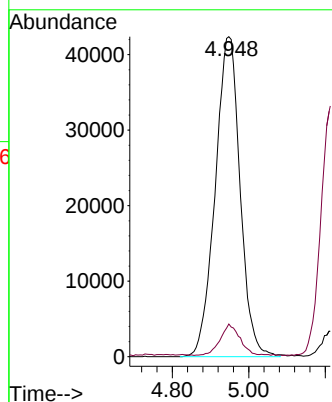
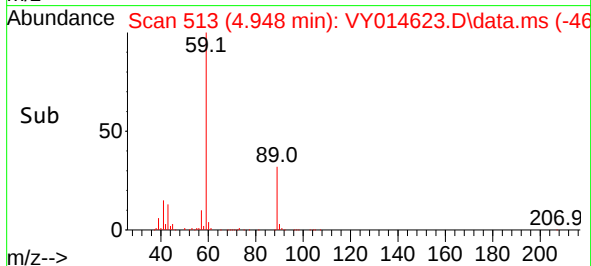
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



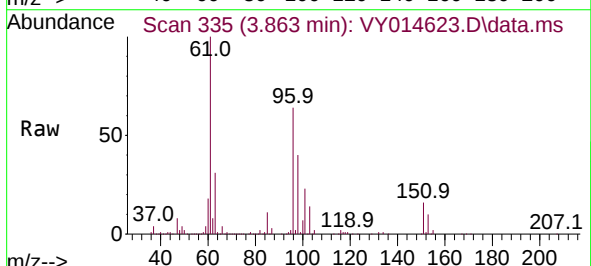
Tgt Ion: 59 Resp: 191375
Ion Ratio Lower Upper
59 100
57 7.7 3.0 4.4

Manual Integrations
APPROVED

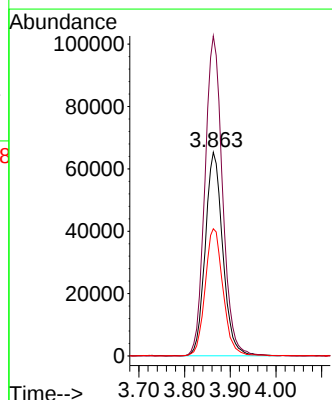
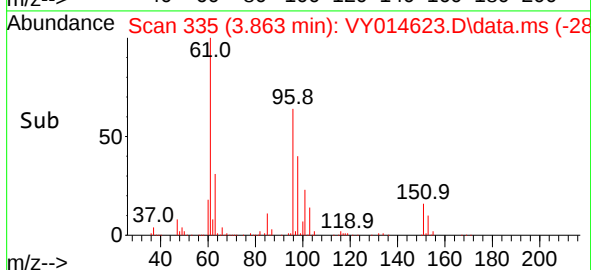
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

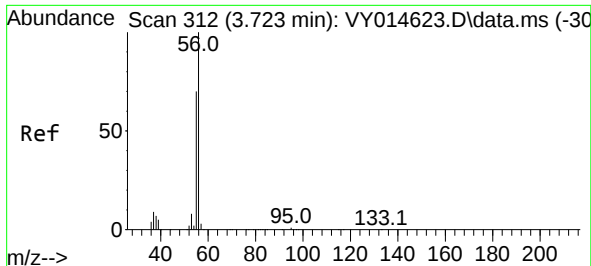


#12
1,1-Dichloroethene
Concen: 51.294 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19



Tgt Ion: 96 Resp: 174018
Ion Ratio Lower Upper
96 100
61 157.2 136.4 204.6
98 62.3 49.4 74.2





#13

Acrolein

Concen: 228.714 ug/l

RT: 3.723 min Scan# 312

Delta R.T. -0.000 min

Lab File: VY014623.D

Acq: 13 Jul 2023 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 56 Resp: 9384

Ion Ratio Lower Upper

56 100

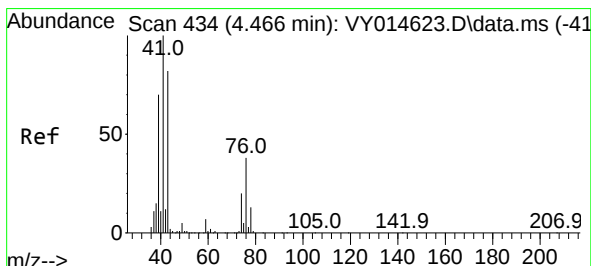
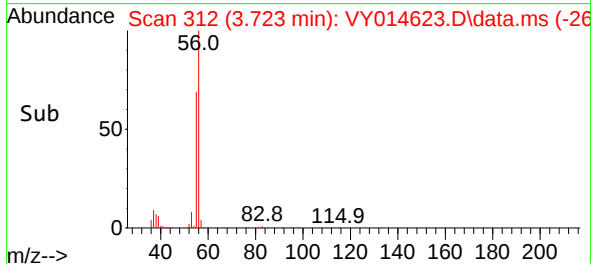
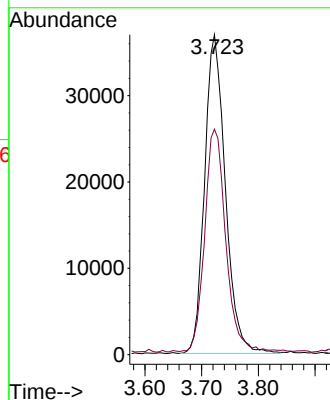
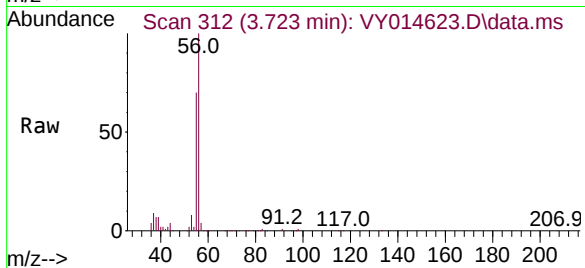
55 70.4 57.0 85.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#14

Allyl chloride

Concen: 50.701 ug/l

RT: 4.466 min Scan# 434

Delta R.T. 0.000 min

Lab File: VY014623.D

Acq: 13 Jul 2023 10:19

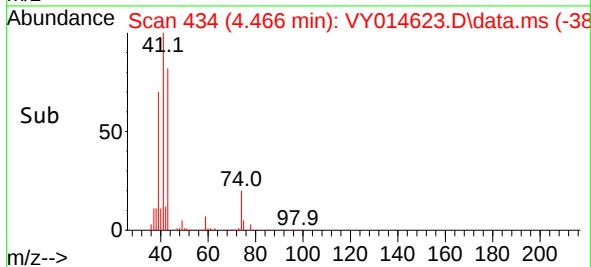
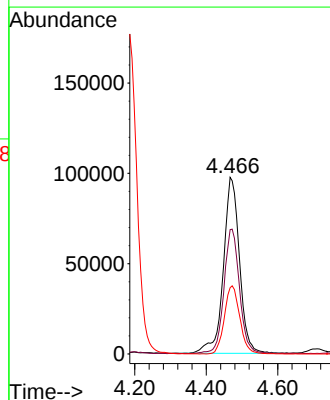
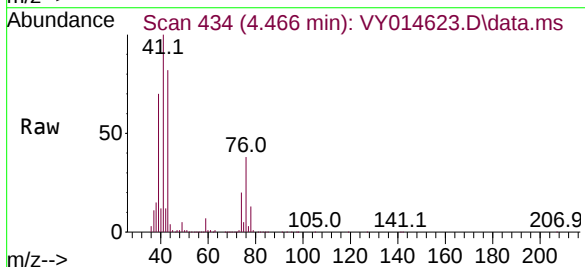
Tgt Ion: 41 Resp: 305409

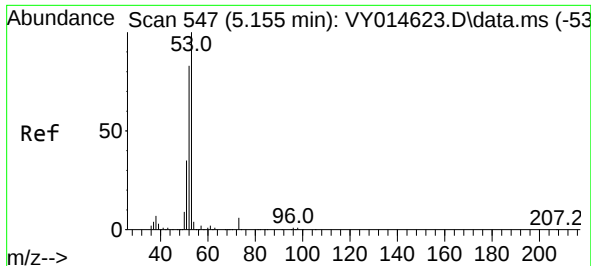
Ion Ratio Lower Upper

41 100

39 68.2 58.0 87.0

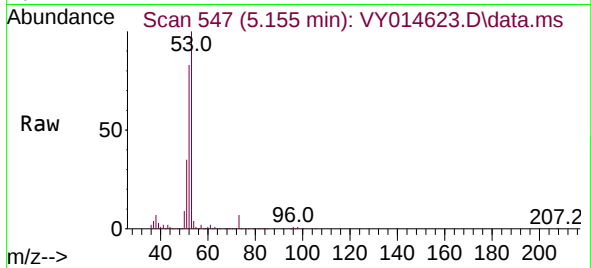
76 37.1 27.4 41.2





#15
Acrylonitrile
Concen: 253.819 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

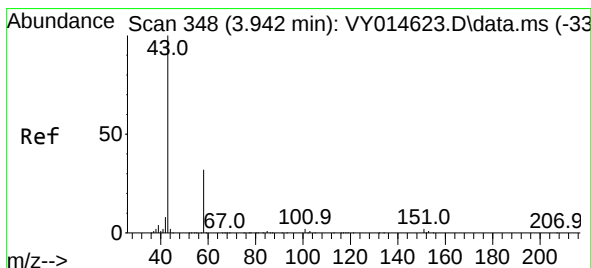
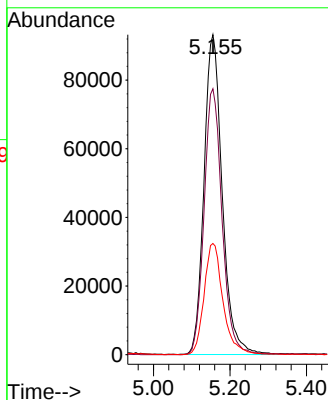
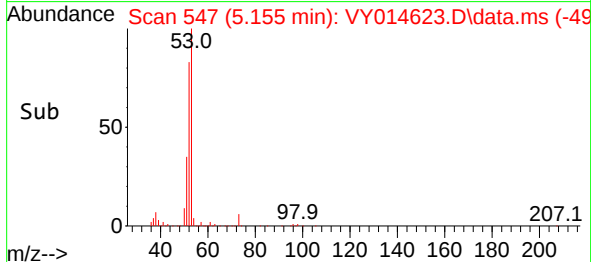
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



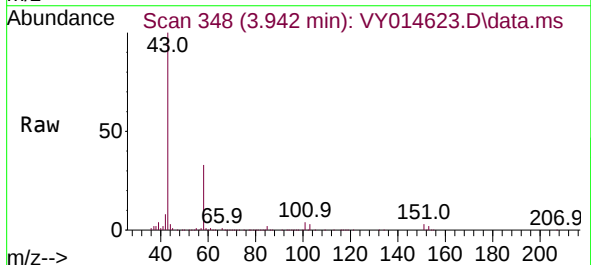
Tgt Ion: 53 Resp: 308409
Ion Ratio Lower Upper
53 100
52 82.1 66.9 100.3
51 36.2 29.8 44.6

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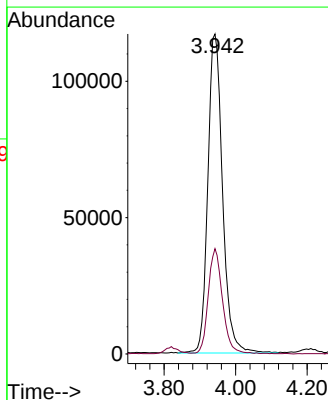
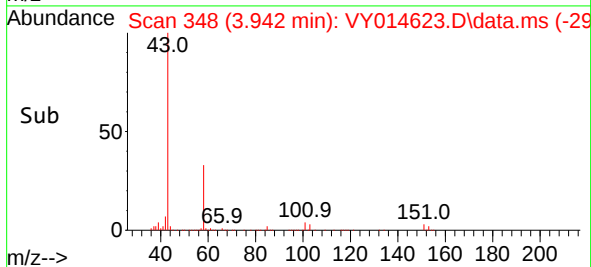
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#16
Acetone
Concen: 268.639 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19



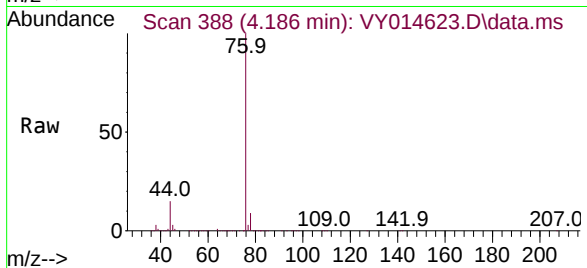
Tgt Ion: 43 Resp: 334202
Ion Ratio Lower Upper
43 100
58 32.9 22.7 34.1





#17
Carbon Disulfide
Concen: 49.554 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

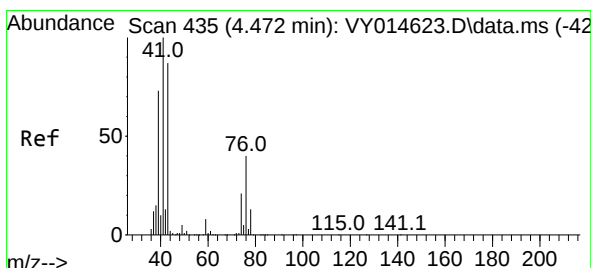
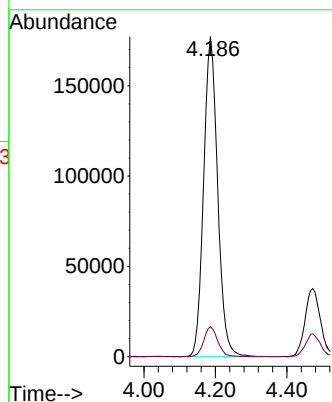
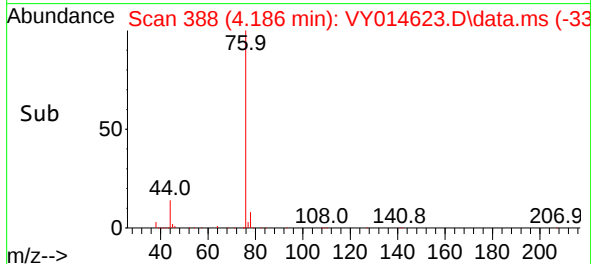
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 481310
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4

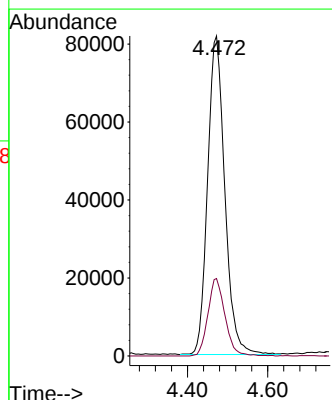
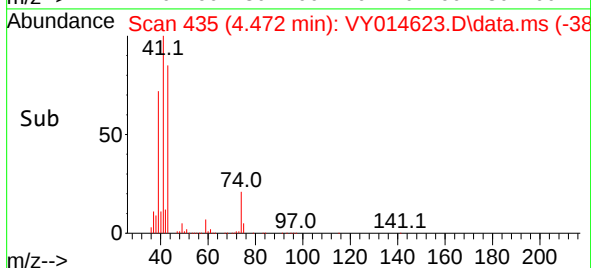
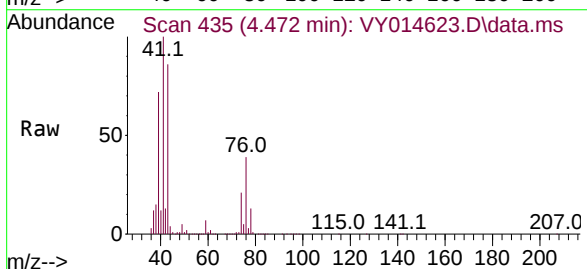
Manual Integrations
APPROVED

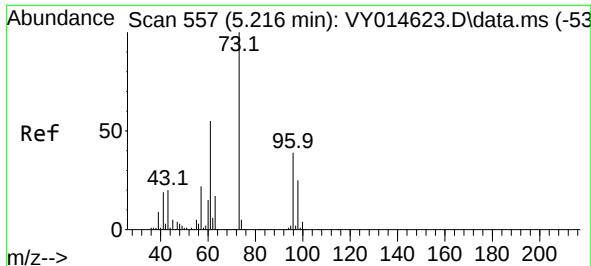
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#18
Methyl Acetate
Concen: 50.825 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

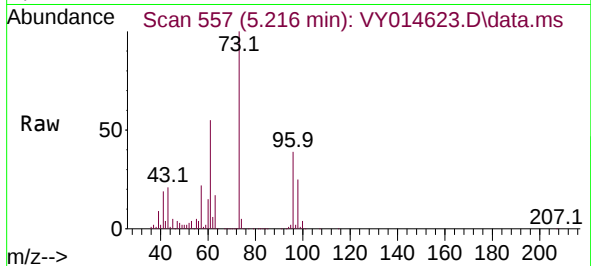
Tgt Ion: 43 Resp: 242646
Ion Ratio Lower Upper
43 100
74 24.2 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 51.109 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

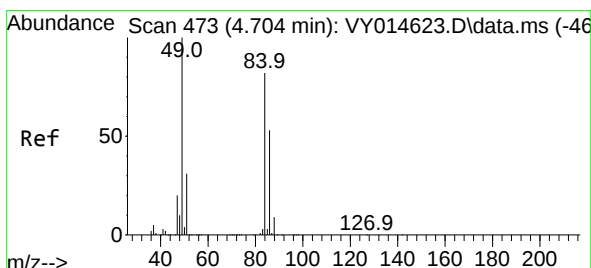
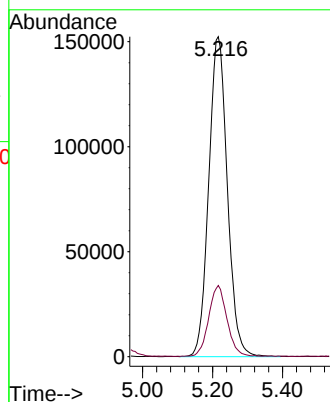
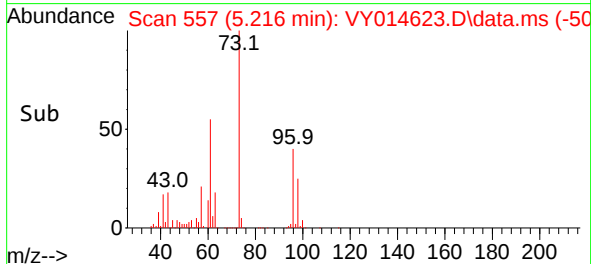
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 73 Resp: 56323
Ion Ratio Lower Upper
73 100
57 22.1 17.3 25.9

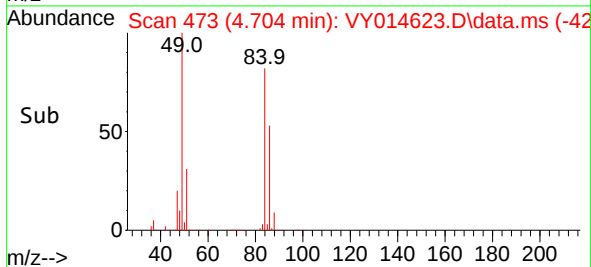
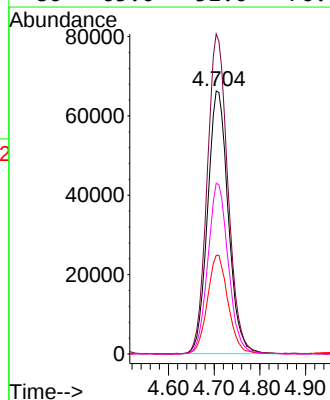
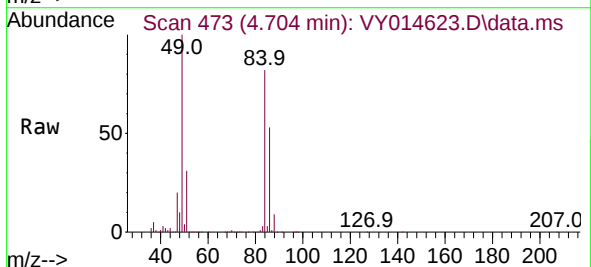
Manual Integrations
APPROVED

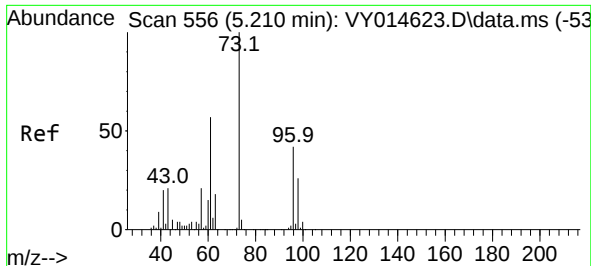
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#20
Methylene Chloride
Concen: 51.606 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

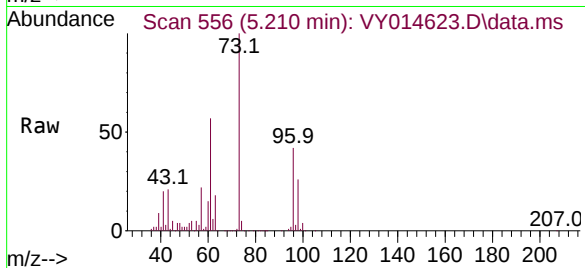
Tgt Ion: 84 Resp: 208012
Ion Ratio Lower Upper
84 100
49 121.8 106.9 160.3
51 37.4 33.2 49.8
86 65.0 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 50.682 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

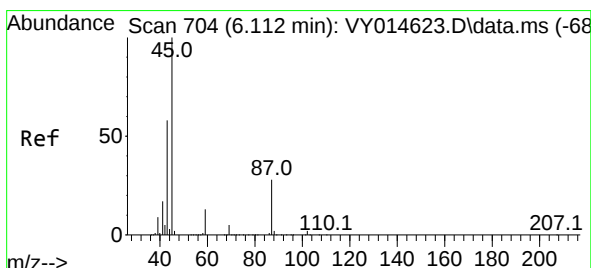
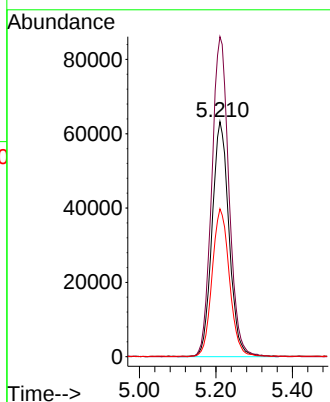
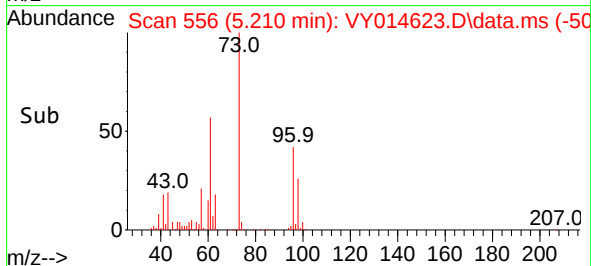
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



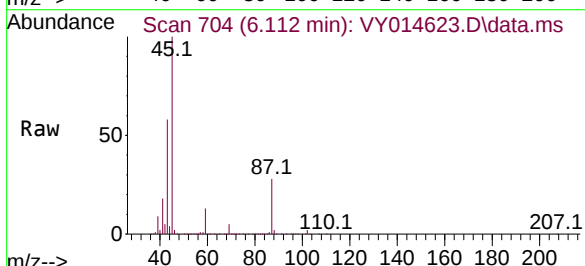
Tgt Ion: 96 Resp: 195129
Ion Ratio Lower Upper
96 100
61 136.2 110.2 165.4
98 62.7 51.8 77.6

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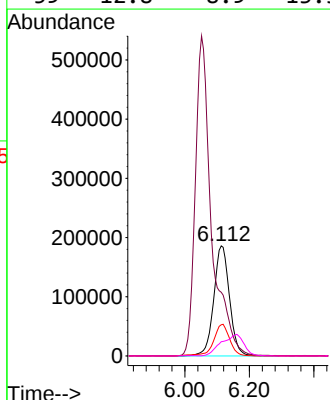
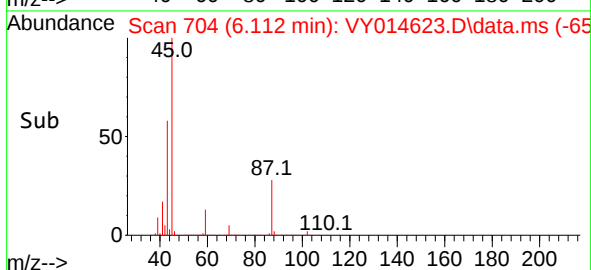
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

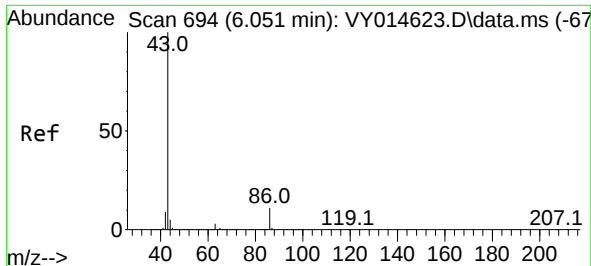


#22
Diisopropyl ether
Concen: 51.452 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19



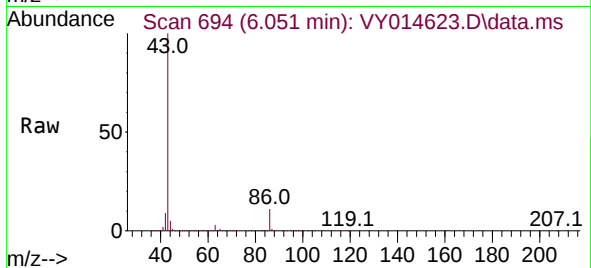
Tgt Ion: 45 Resp: 630123
Ion Ratio Lower Upper
45 100
43 57.6 52.2 78.4
87 28.4 21.0 31.6
59 12.8 8.9 13.3





#23
 Vinyl Acetate
 Concen: 257.639 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY014623.D
 Acq: 13 Jul 2023 10:19

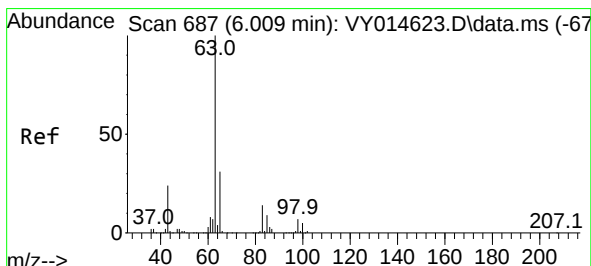
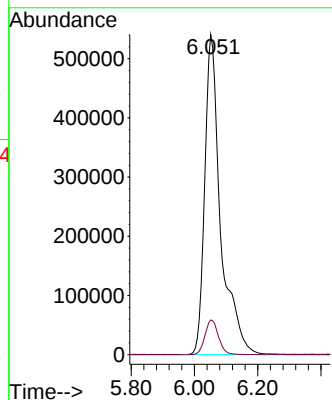
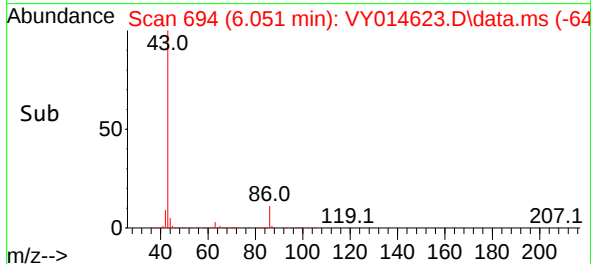
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050



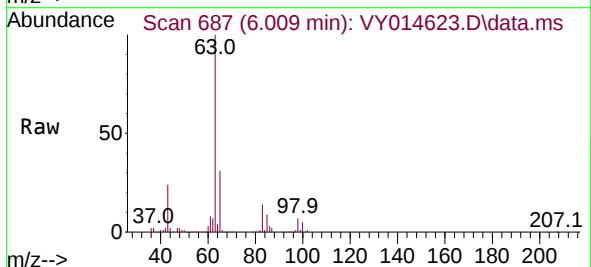
Tgt Ion: 43 Resp: 188818
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.5 11.3

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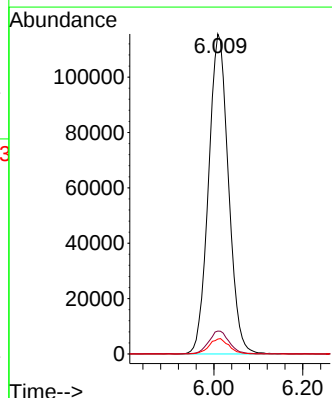
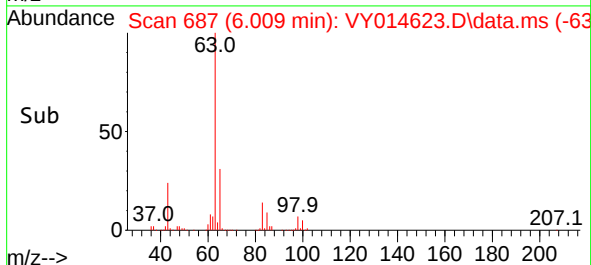
Reviewed By :John Carlone 07/14/2023
 Supervised By :Mahesh Dadoda 07/14/2023



#24
 1,1-Dichloroethane
 Concen: 51.340 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY014623.D
 Acq: 13 Jul 2023 10:19



Tgt Ion: 63 Resp: 359763
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.1 9.4
 100 4.6 1.8 5.5





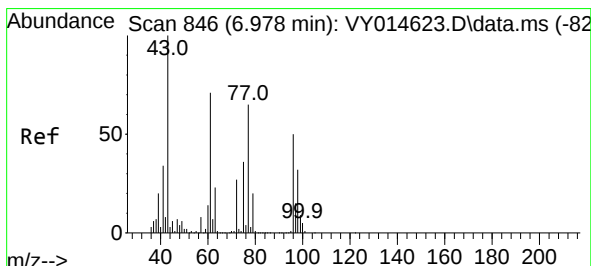
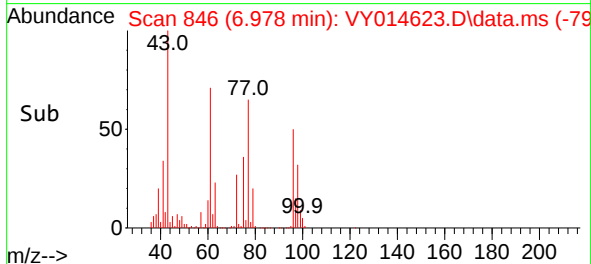
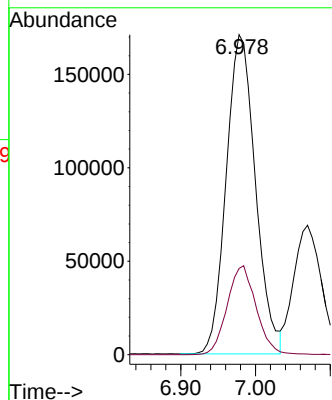
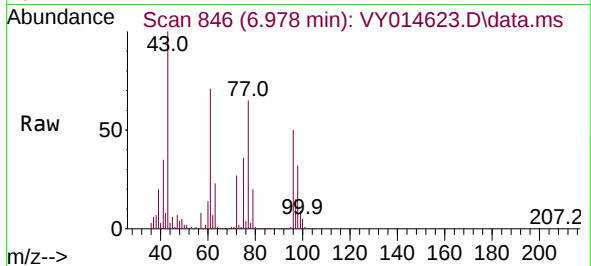
#25
2-Butanone
Concen: 255.473 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 464972
Ion Ratio Lower Upper
43 100
72 27.0 20.5 30.7

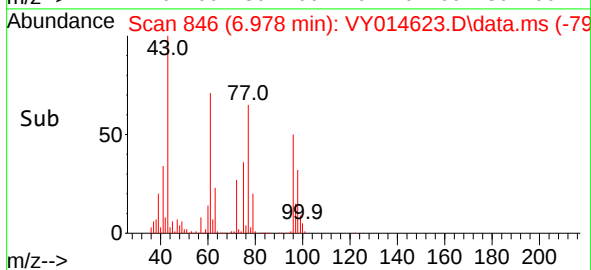
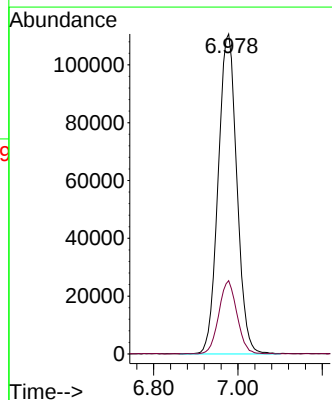
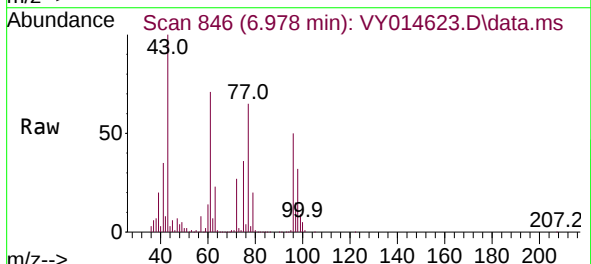
Manual Integrations
APPROVED

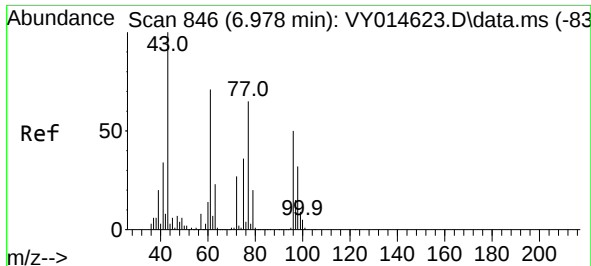
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#26
2,2-Dichloropropane
Concen: 50.840 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

Tgt Ion: 77 Resp: 339531
Ion Ratio Lower Upper
77 100
97 22.0 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 51.316 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY014623.D

Acq: 13 Jul 2023 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 96 Resp: 22996

Ion Ratio Lower Upper

96 100

61 146.6 0.0 301.4

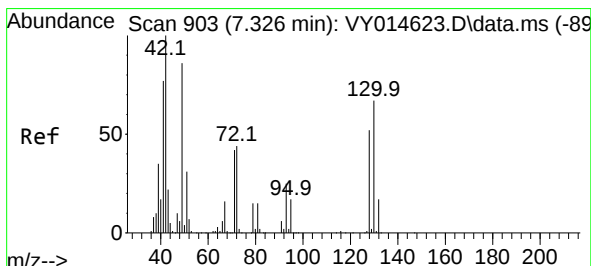
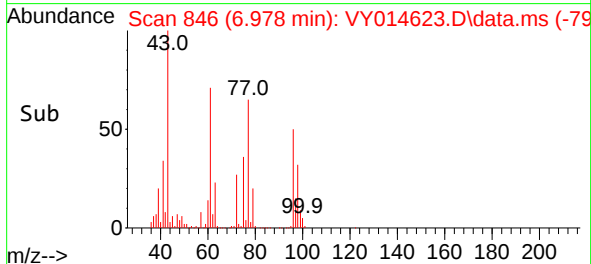
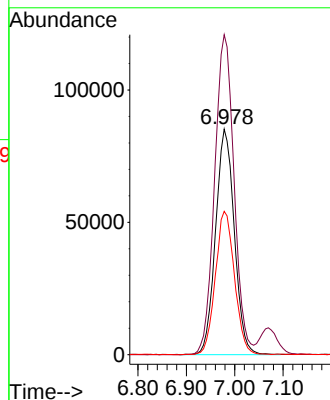
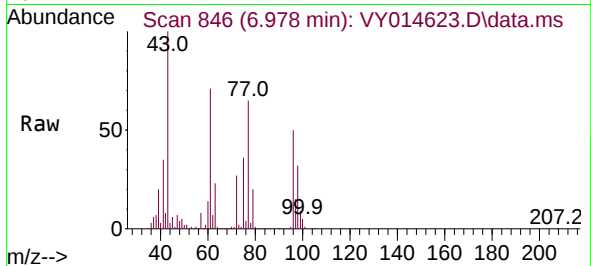
98 64.8 0.0 130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#28

Bromochloromethane

Concen: 47.780 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.000 min

Lab File: VY014623.D

Acq: 13 Jul 2023 10:19

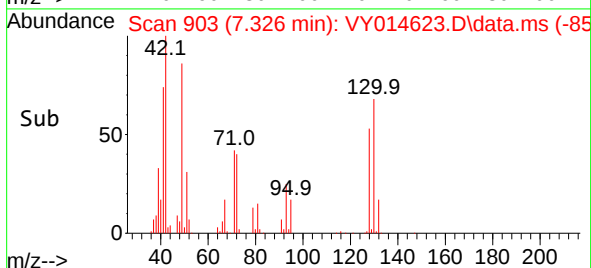
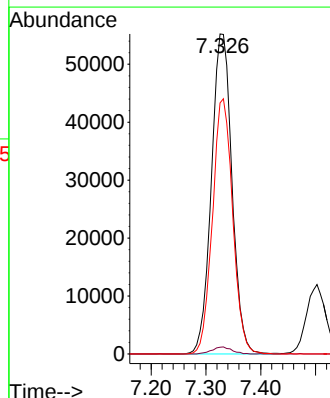
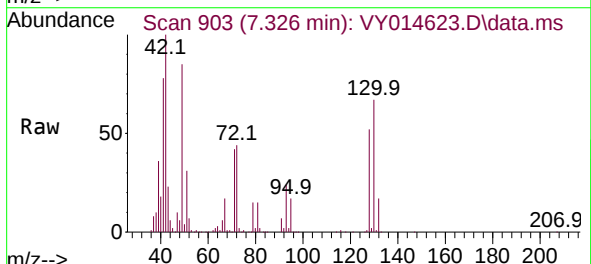
Tgt Ion: 49 Resp: 144198

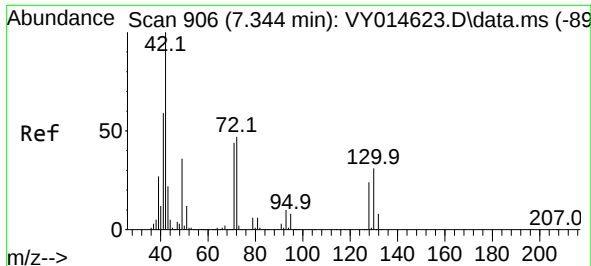
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 78.2 60.7 91.1





#29

Tetrahydrofuran

Concen: 249.001 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY014623.D

Acq: 13 Jul 2023 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 27905

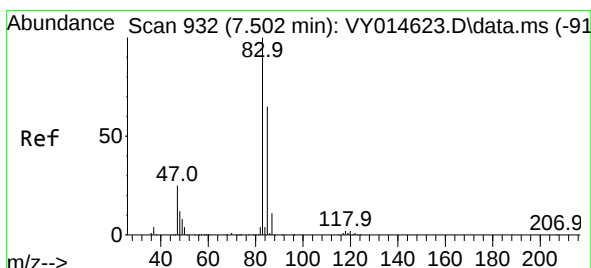
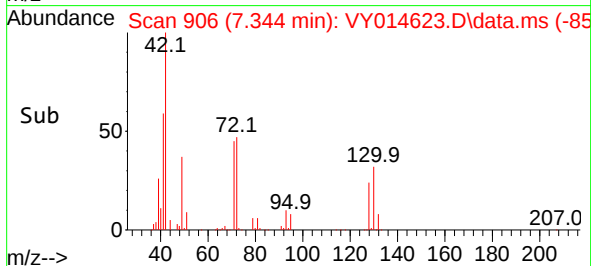
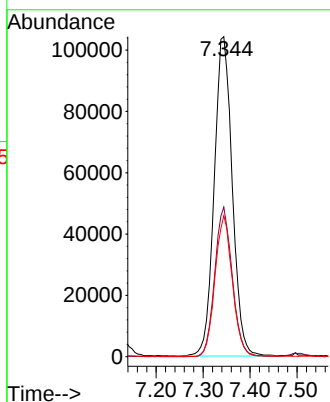
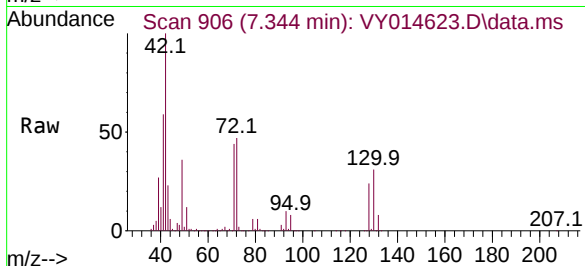
Ion	Ratio	Lower	Upper
42	100		
72	45.3	32.8	49.2
71	42.7	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#30

Chloroform

Concen: 50.957 ug/l

RT: 7.502 min Scan# 932

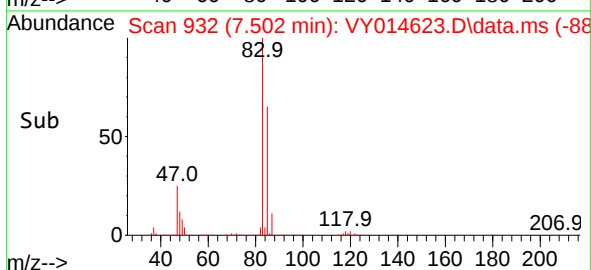
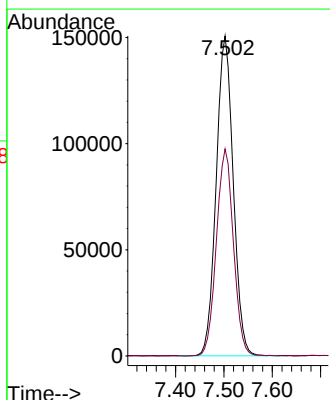
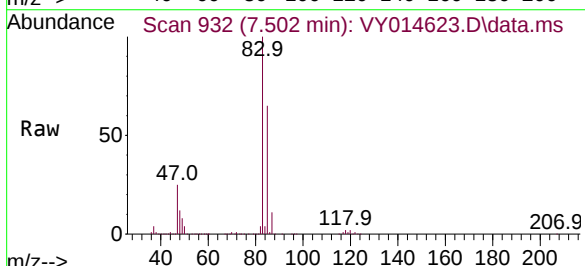
Delta R.T. 0.000 min

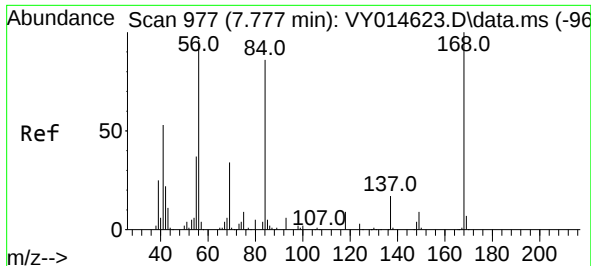
Lab File: VY014623.D

Acq: 13 Jul 2023 10:19

Tgt Ion: 83 Resp: 368215

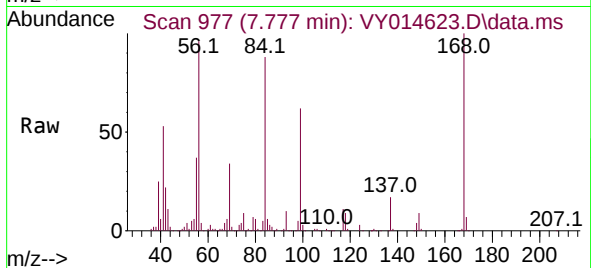
Ion	Ratio	Lower	Upper
83	100		
85	64.7	49.7	74.5





#31
Cyclohexane
Concen: 48.385 ug/l
RT: 7.777 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

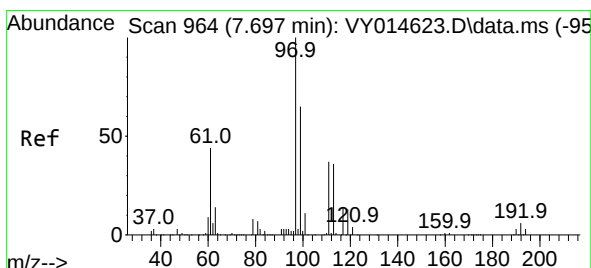
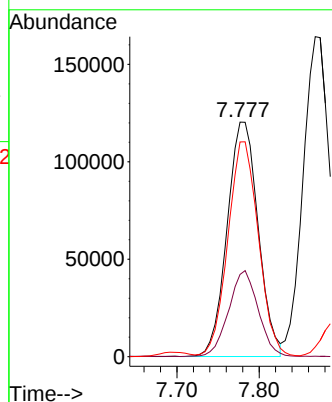
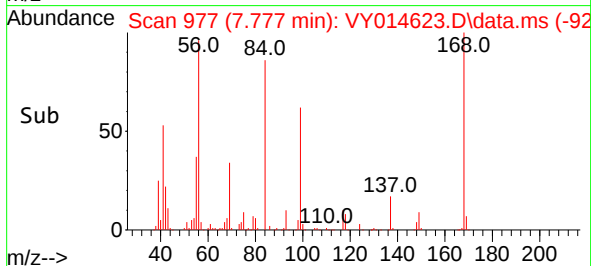
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



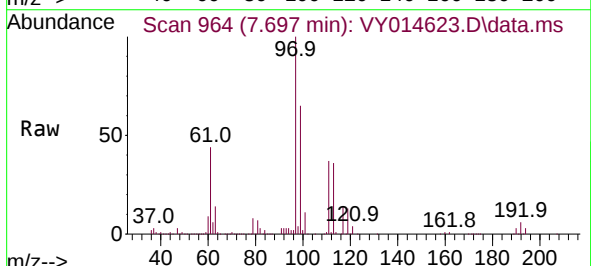
Tgt Ion: 56 Resp: 315329
Ion Ratio Lower Upper
56 100
69 35.0 27.8 41.6
84 89.8 66.4 99.6

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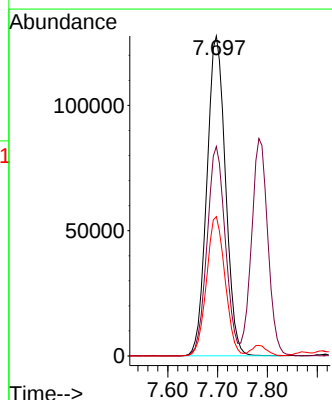
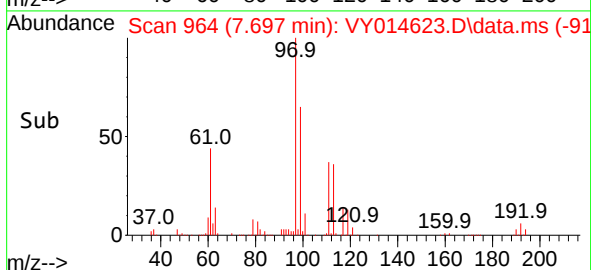
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#32
1,1,1-Trichloroethane
Concen: 50.873 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19



Tgt Ion: 97 Resp: 330859
Ion Ratio Lower Upper
97 100
99 64.3 50.8 76.2
61 43.5 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 49.077 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY014623.D

Acq: 13 Jul 2023 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 192669

Ion Ratio Lower Upper

65 100

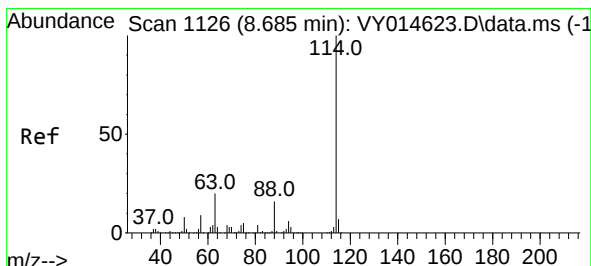
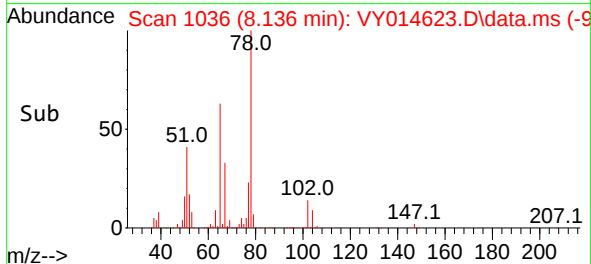
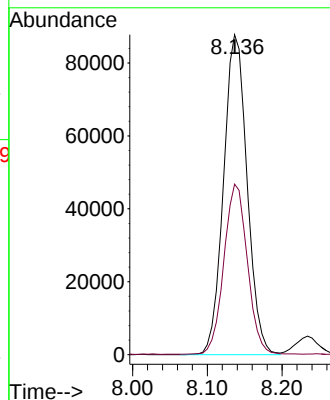
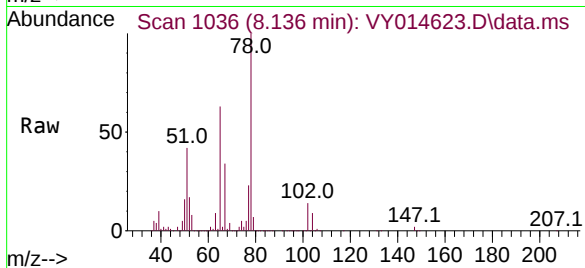
67 52.8 0.0 101.8

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: VY014623.D

Acq: 13 Jul 2023 10:19

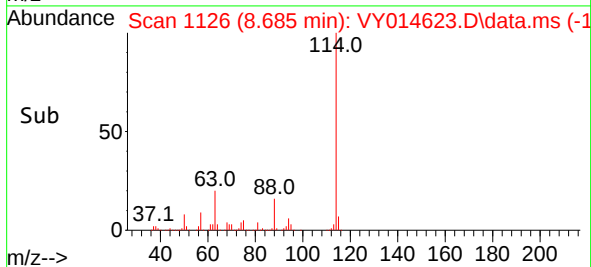
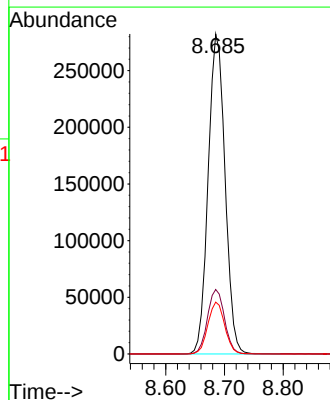
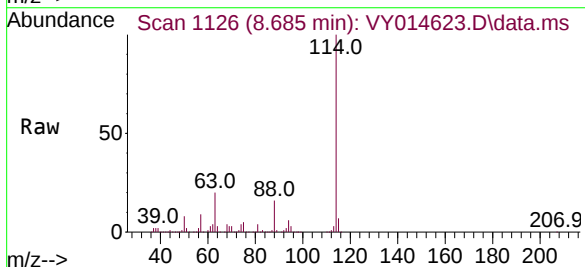
Tgt Ion:114 Resp: 563137

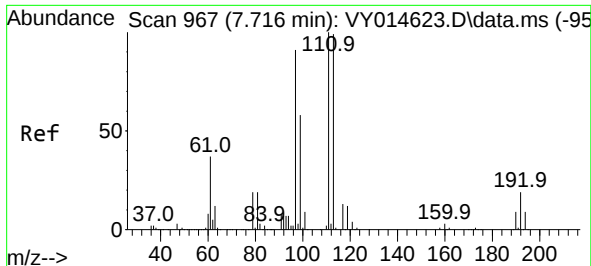
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.4

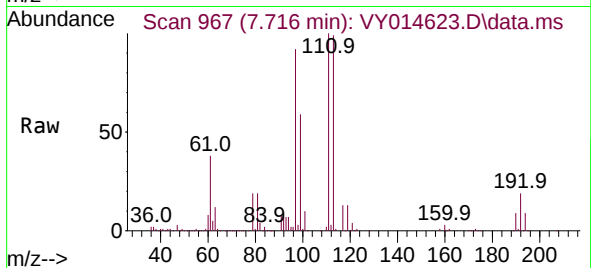
88 16.2 0.0 30.6





#35
Dibromofluoromethane
Concen: 50.517 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

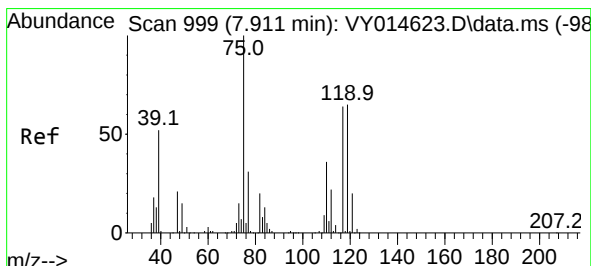
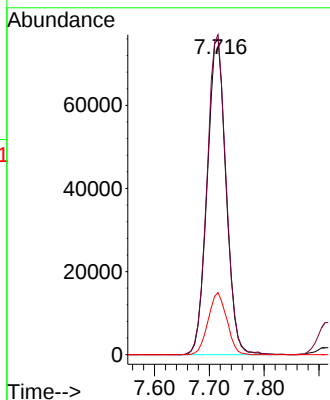
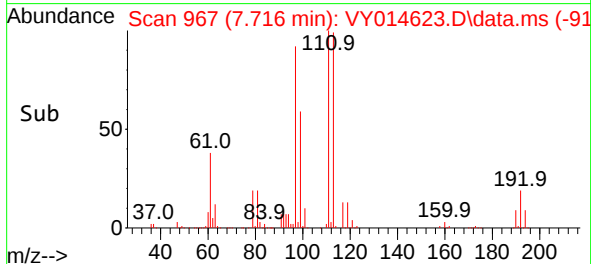
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion:113 Resp: 181093
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 19.4 16.9 25.3

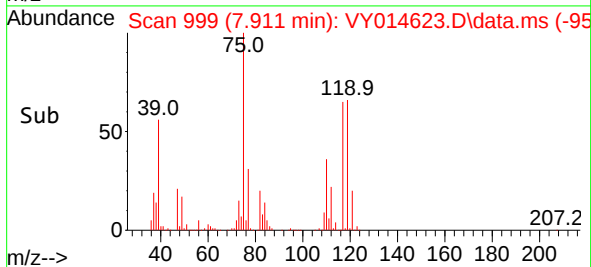
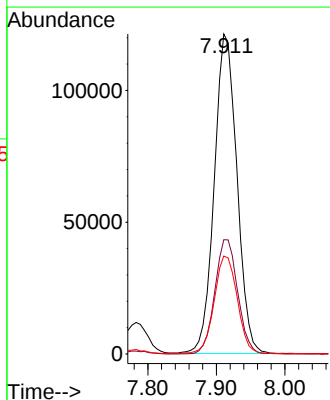
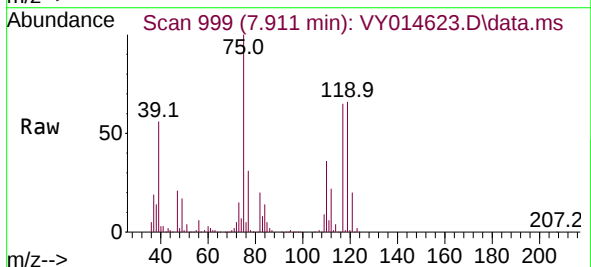
Manual Integrations
APPROVED

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



#36
1,1-Dichloropropene
Concen: 51.912 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

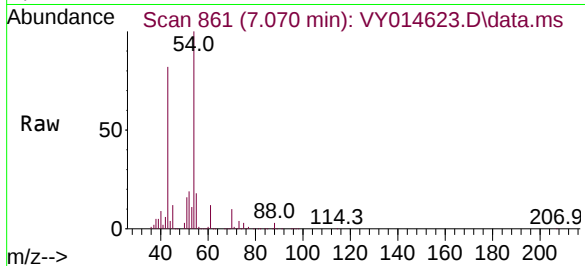
Tgt Ion: 75 Resp: 278296
Ion Ratio Lower Upper
75 100
110 36.0 17.8 53.5
77 31.4 24.4 36.6





#37
Ethyl Acetate
Concen: 49.346 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

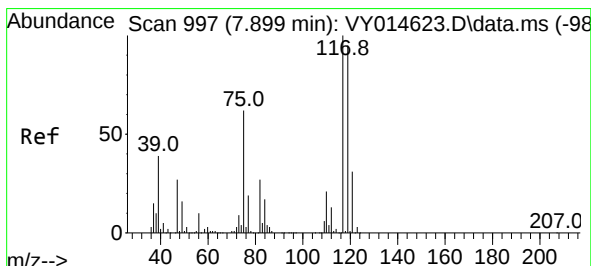
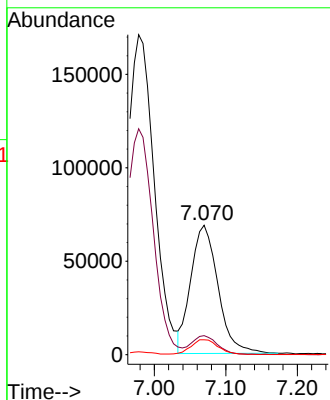
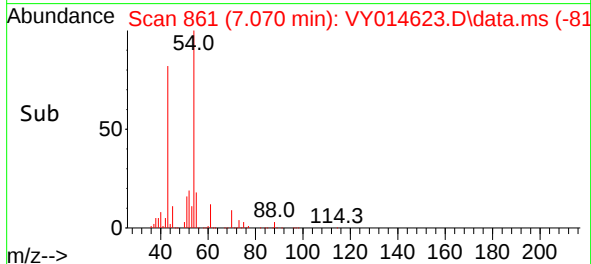
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 182134
Ion Ratio Lower Upper
43 100
61 14.1 10.1 15.1
70 11.9 7.1 10.7

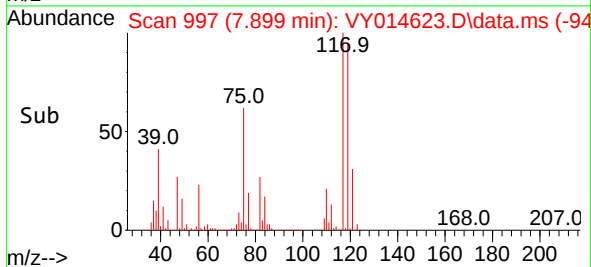
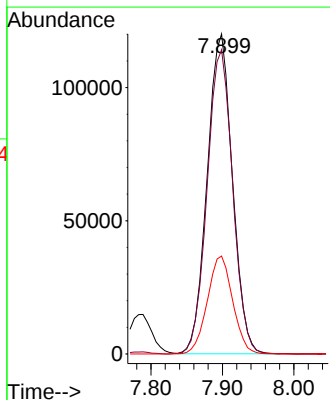
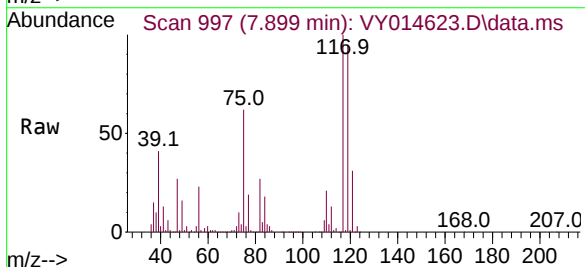
Manual Integrations
APPROVED

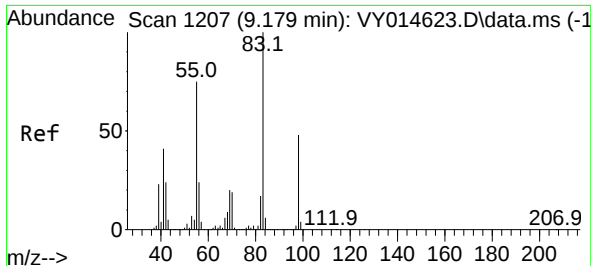
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#38
Carbon Tetrachloride
Concen: 52.092 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

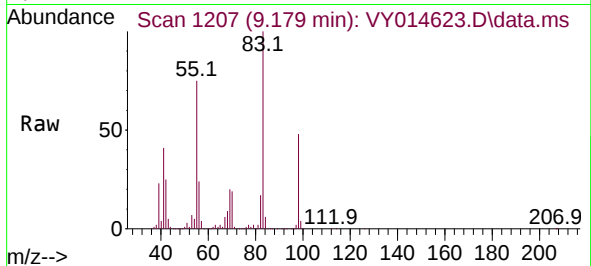
Tgt Ion:117 Resp: 295202
Ion Ratio Lower Upper
117 100
119 95.1 76.4 114.6
121 30.6 25.8 38.6





#39
Methylcyclohexane
Concen: 51.601 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

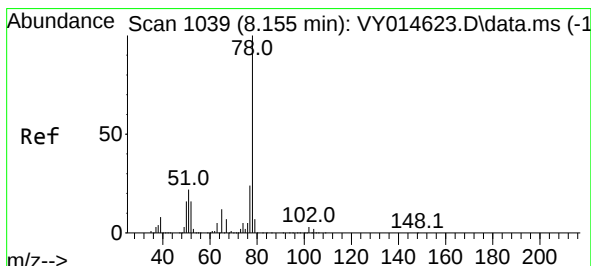
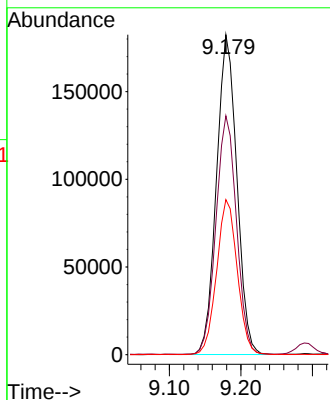
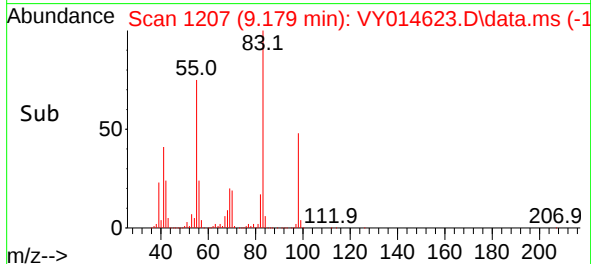
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 360395
Ion Ratio Lower Upper
83 100
55 74.5 63.0 94.4
98 48.4 37.4 56.2

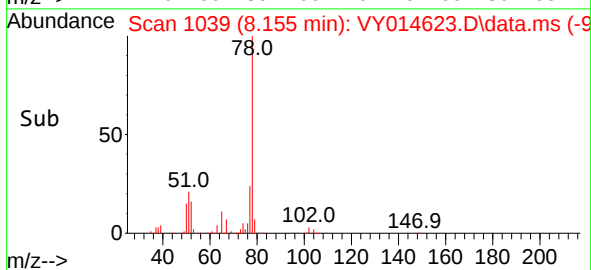
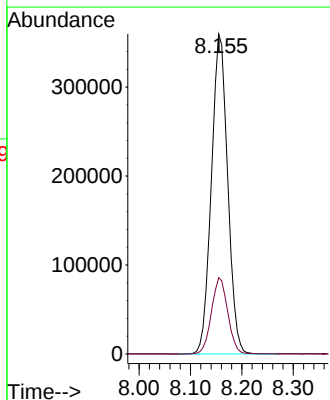
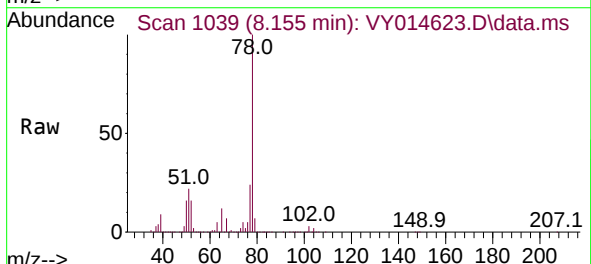
Manual Integrations
APPROVED

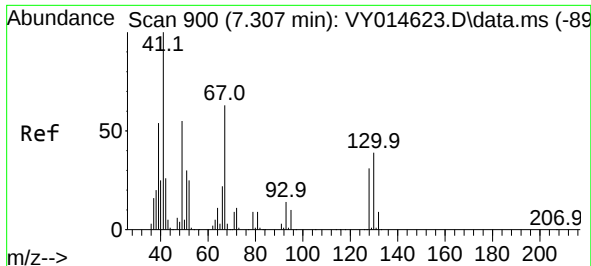
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#40
Benzene
Concen: 51.860 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

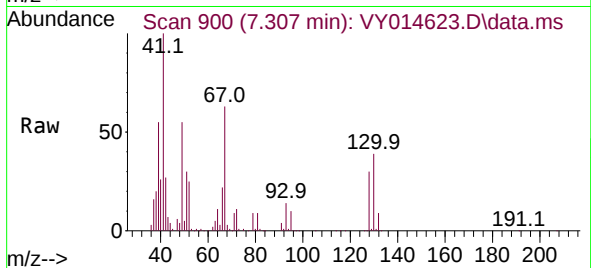
Tgt Ion: 78 Resp: 790695
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6





#41
Methacrylonitrile
Concen: 48.336 ug/l m
RT: 7.307 min Scan# 900
Delta R.T. 0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

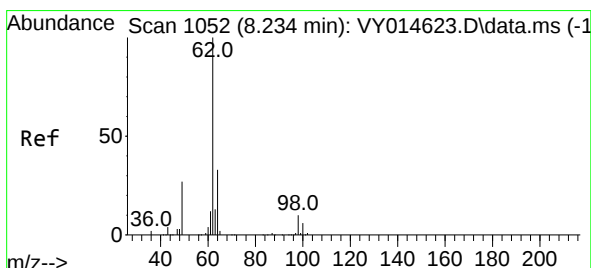
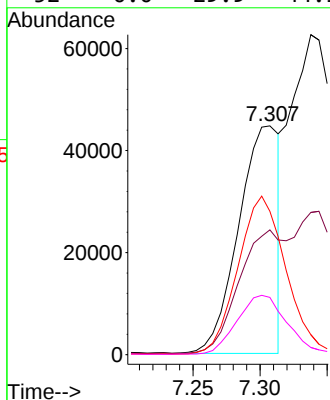
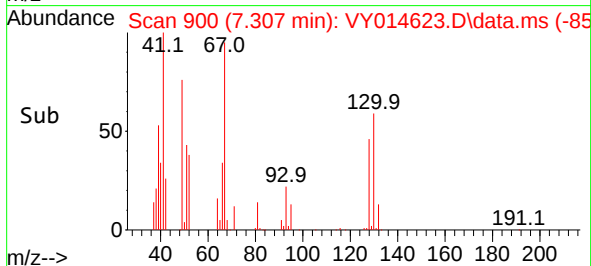
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 94340
Ion Ratio Lower Upper
41 100
39 61.1 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

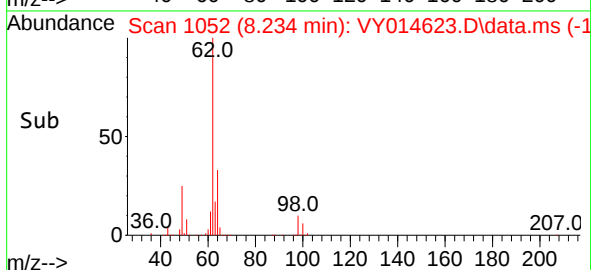
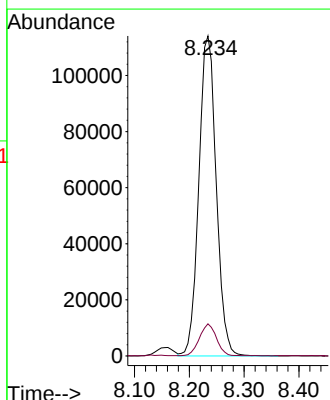
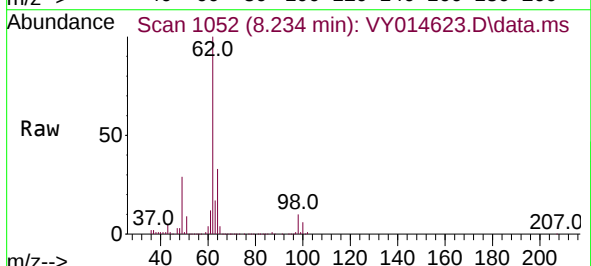
Manual Integrations
APPROVED

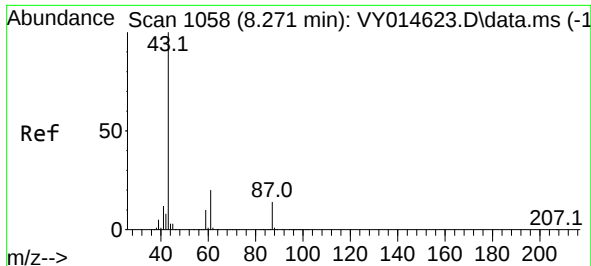
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#42
1,2-Dichloroethane
Concen: 52.063 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

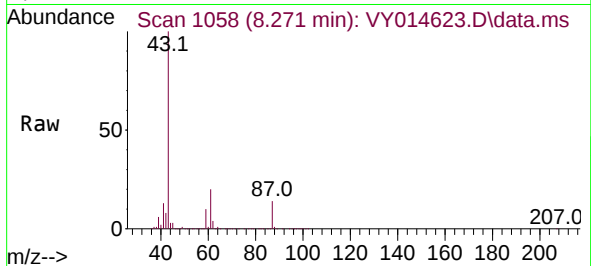
Tgt Ion: 62 Resp: 251373
Ion Ratio Lower Upper
62 100
98 10.0 0.0 15.8





#43
Isopropyl Acetate
Concen: 51.343 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

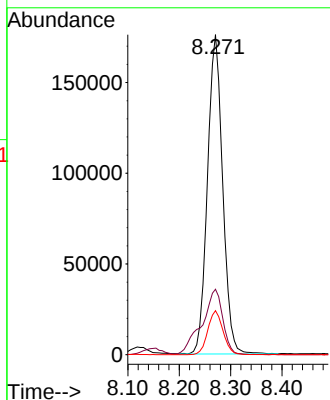
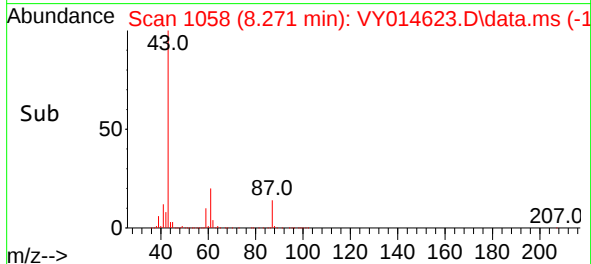
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 360994
Ion Ratio Lower Upper
43 100
61 28.2 21.1 31.7
87 13.9 9.8 14.8

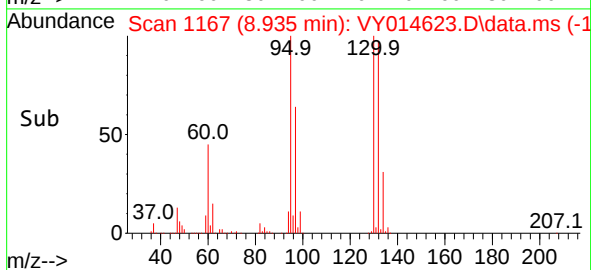
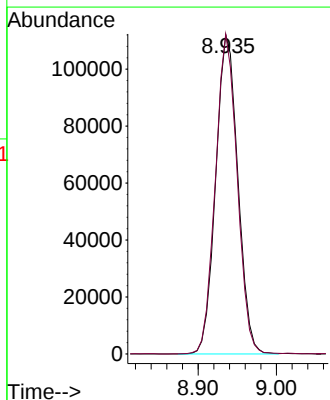
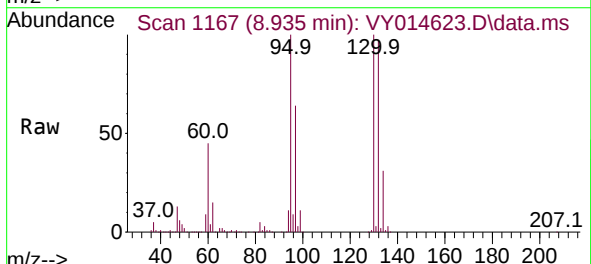
Manual Integrations
APPROVED

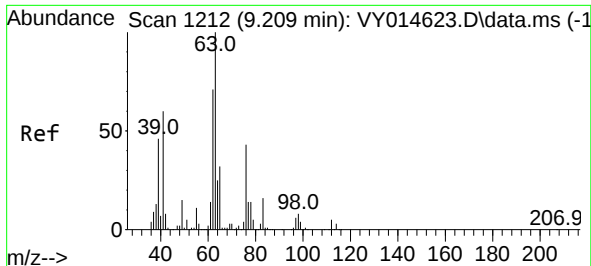
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#44
Trichloroethene
Concen: 51.573 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

Tgt Ion:130 Resp: 220008
Ion Ratio Lower Upper
130 100
95 100.2 0.0 196.0





#45

1,2-Dichloropropane

Concen: 51.972 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY014623.D

Acq: 13 Jul 2023 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 206910

Ion Ratio Lower Upper

63 100

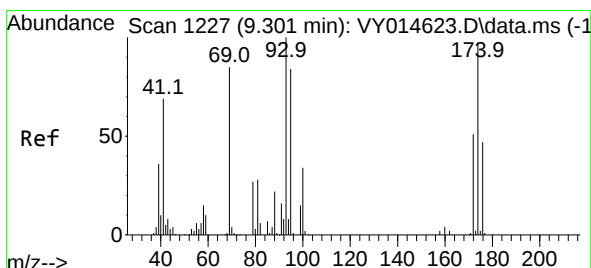
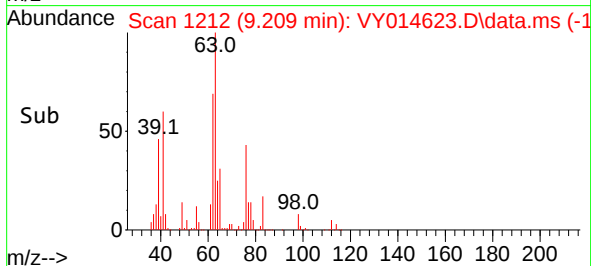
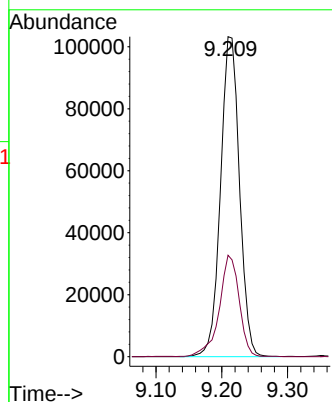
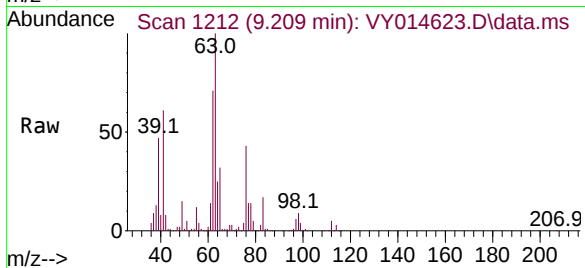
65 31.6 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#46

Dibromomethane

Concen: 51.776 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY014623.D

Acq: 13 Jul 2023 10:19

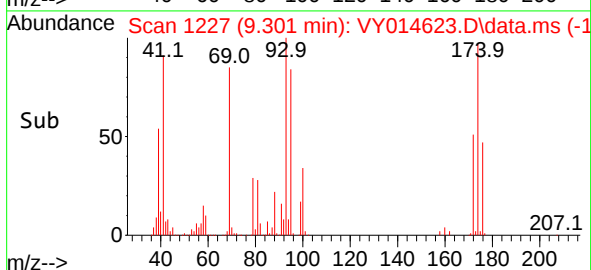
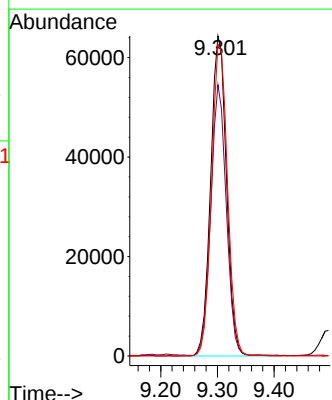
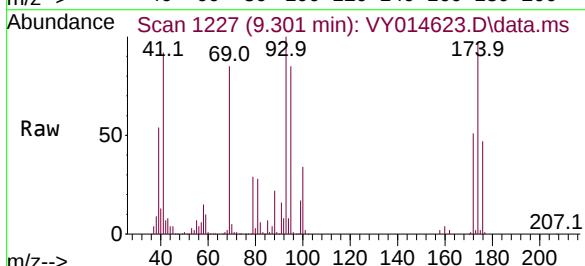
Tgt Ion: 93 Resp: 125052

Ion Ratio Lower Upper

93 100

95 82.0 66.6 100.0

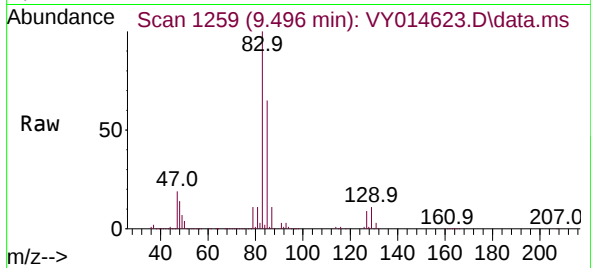
174 97.7 84.8 127.2





#47
Bromodichloromethane
Concen: 52.060 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

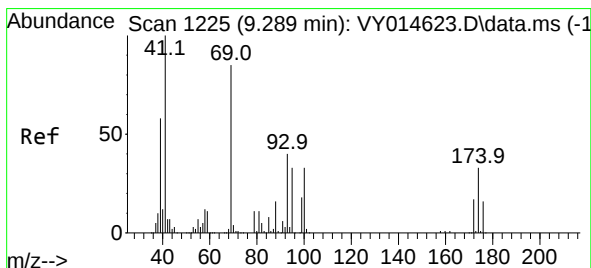
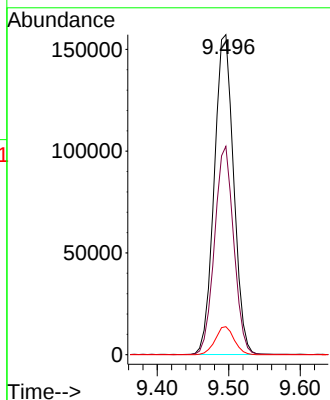
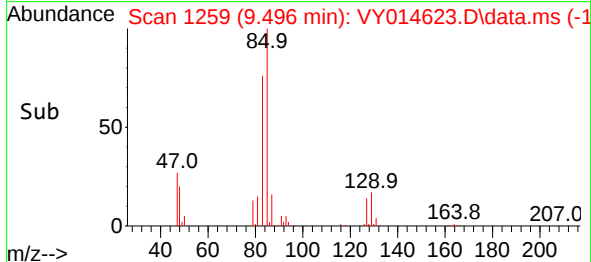
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



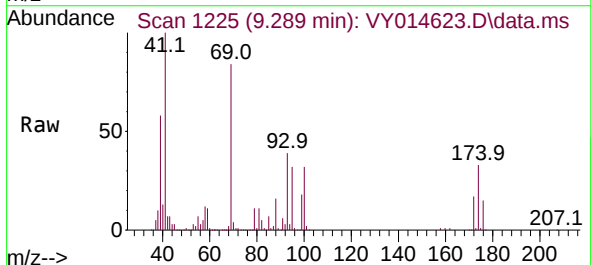
Tgt Ion: 83 Resp: 29635
Ion Ratio Lower Upper
83 100
85 65.1 50.1 75.1
127 8.8 7.1 10.7

Manual Integrations
APPROVED

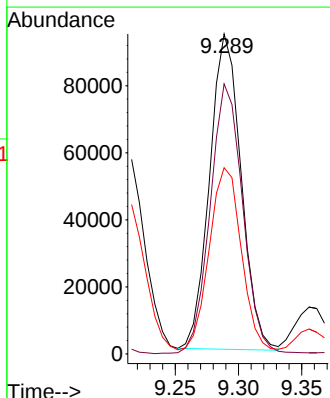
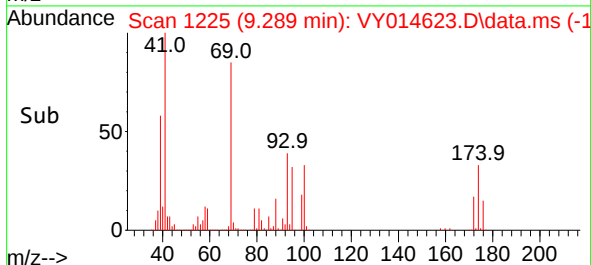
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

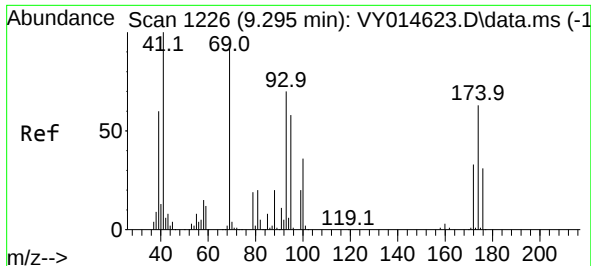


#48
Methyl methacrylate
Concen: 51.427 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19



Tgt Ion: 41 Resp: 162702
Ion Ratio Lower Upper
41 100
69 88.3 64.5 96.7
39 58.9 50.8 76.2





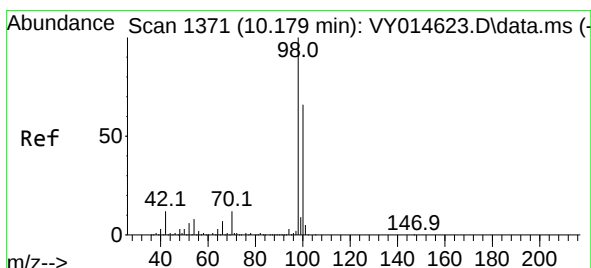
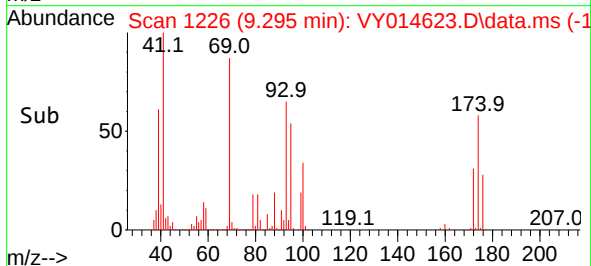
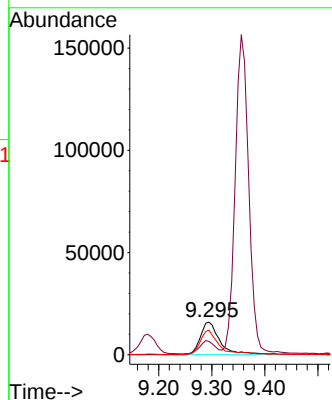
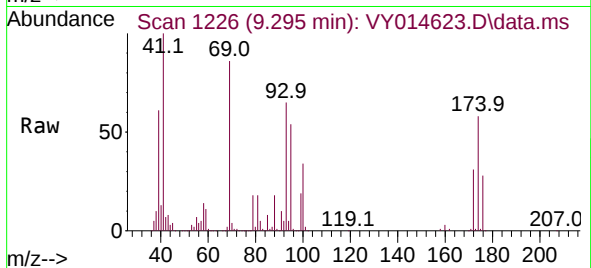
#49
1,4-Dioxane
Concen: 1043.552 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 41098
Ion Ratio Lower Upper
88 100
43 32.3 0.0 0.0
58 66.2 30.9 46.3

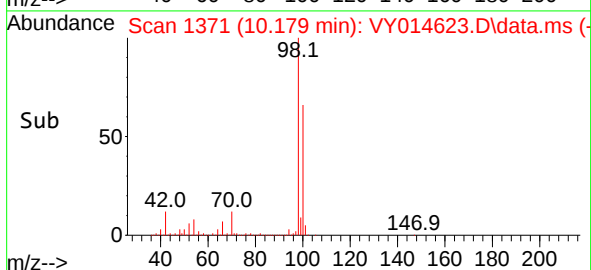
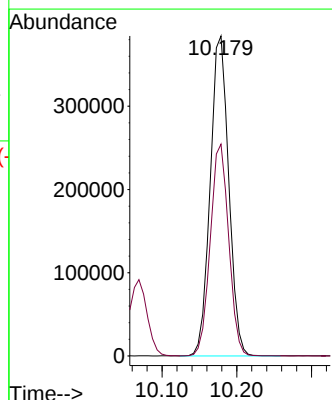
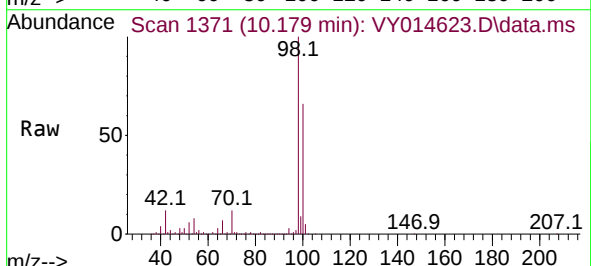
Manual Integrations
APPROVED

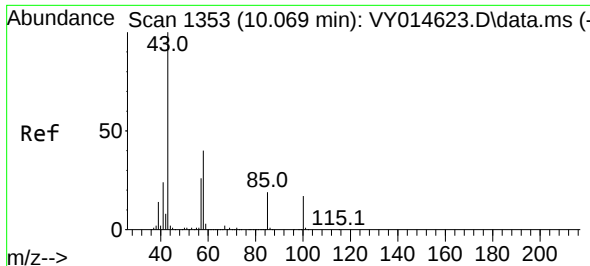
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#50
Toluene-d8
Concen: 49.903 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

Tgt Ion: 98 Resp: 659534
Ion Ratio Lower Upper
98 100
100 65.9 50.1 75.1





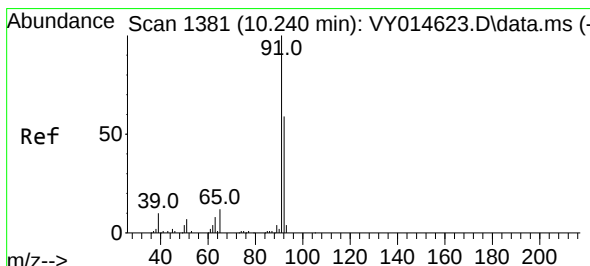
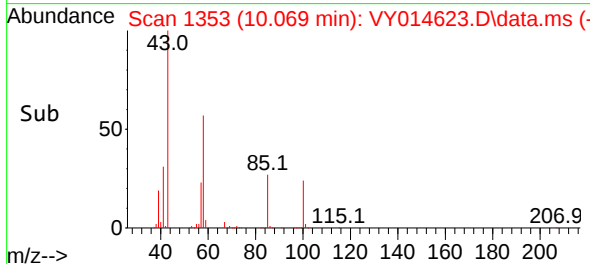
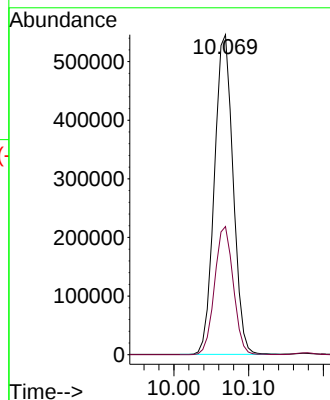
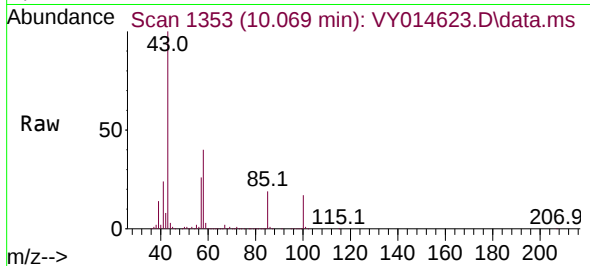
#51
4-Methyl-2-Pentanone
Concen: 256.668 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 947514
Ion Ratio Lower Upper
43 100
58 40.0 29.0 43.6

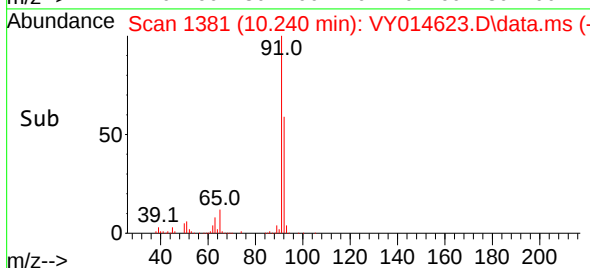
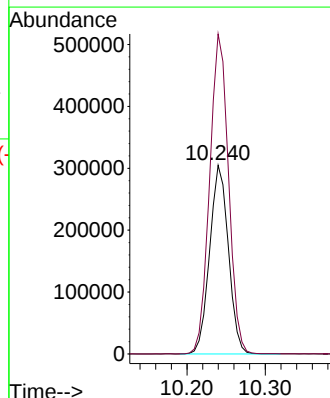
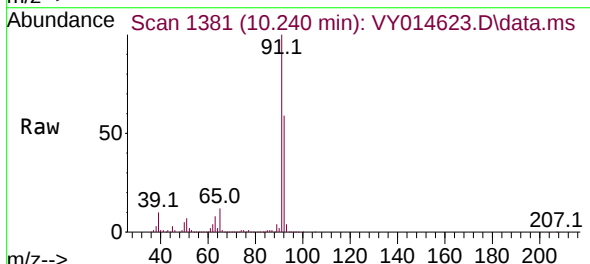
Manual Integrations
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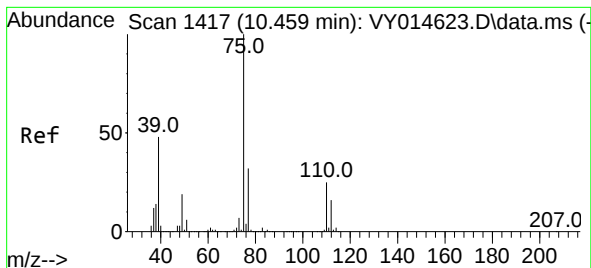
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#52
Toluene
Concen: 51.847 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

Tgt Ion: 92 Resp: 505838
Ion Ratio Lower Upper
92 100
91 170.8 143.8 215.6





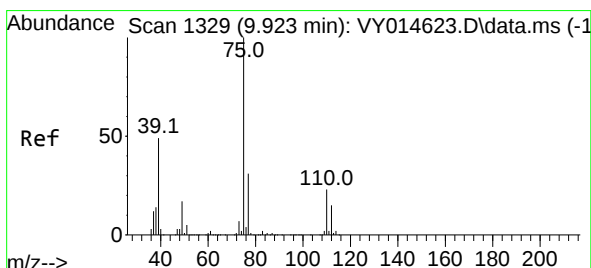
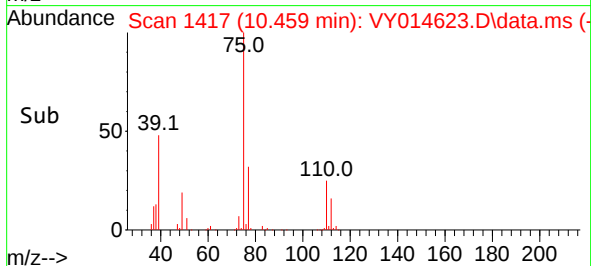
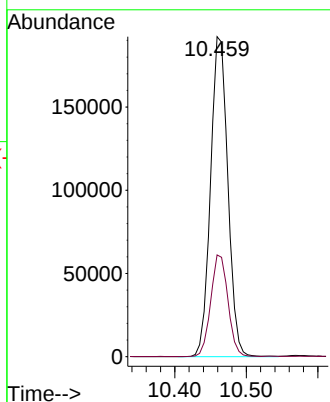
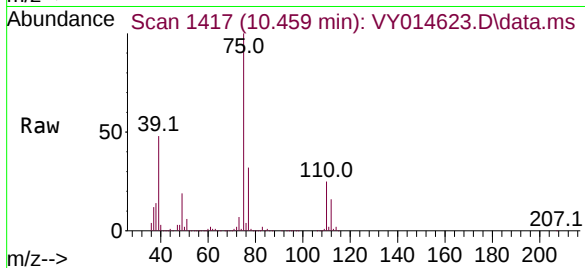
#53
t-1,3-Dichloropropene
Concen: 51.915 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 323258
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.4

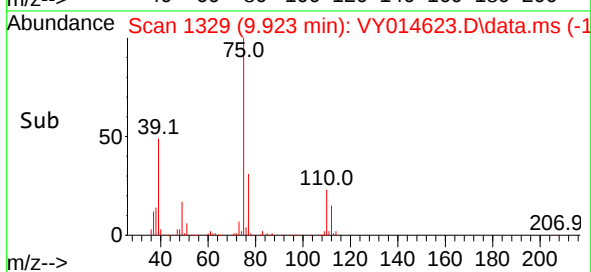
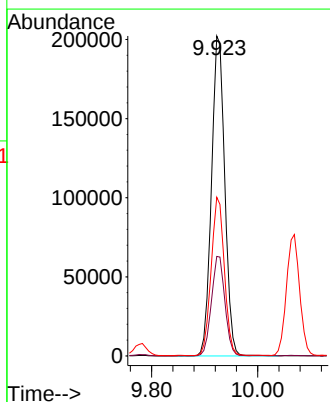
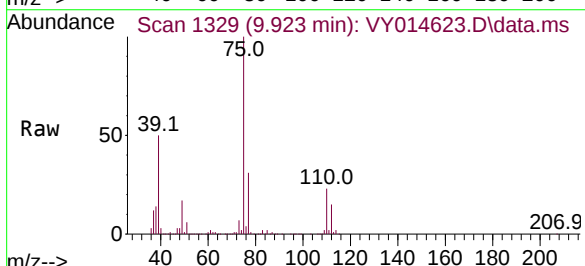
Manual Integrations
APPROVED

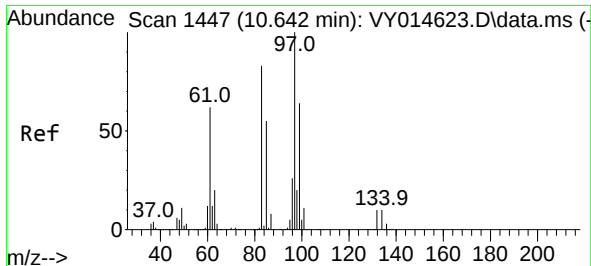
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#54
cis-1,3-Dichloropropene
Concen: 52.039 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

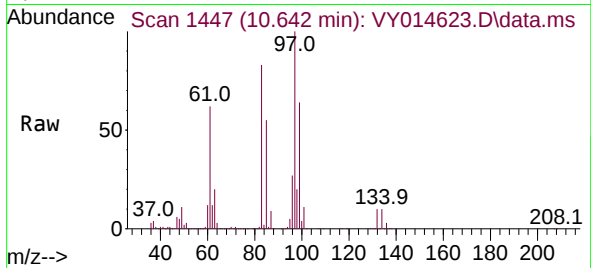
Tgt Ion: 75 Resp: 352370
Ion Ratio Lower Upper
75 100
77 31.0 24.2 36.4
39 49.4 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 51.932 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

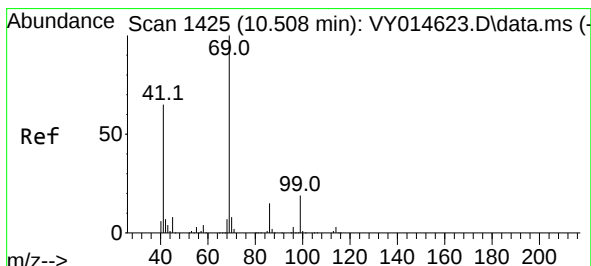
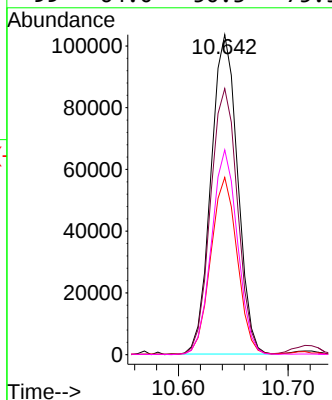
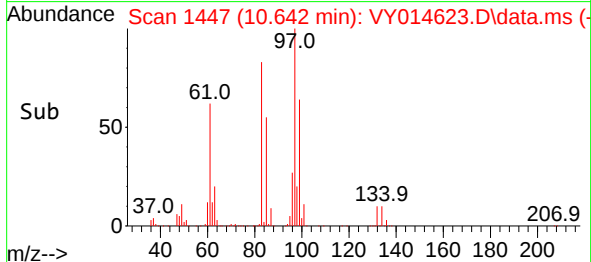
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



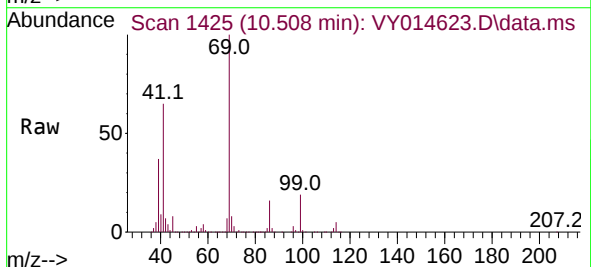
Tgt Ion: 97 Resp: 174718
Ion Ratio Lower Upper
97 100
83 83.2 72.0 108.0
85 55.3 45.4 68.0
99 64.0 50.3 75.5

Manual Integrations
APPROVED

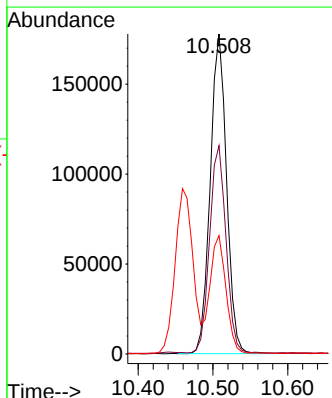
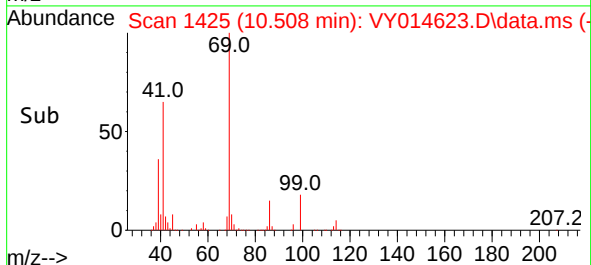
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

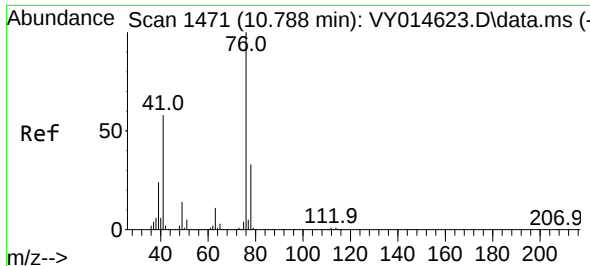


#56
Ethyl methacrylate
Concen: 52.497 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19



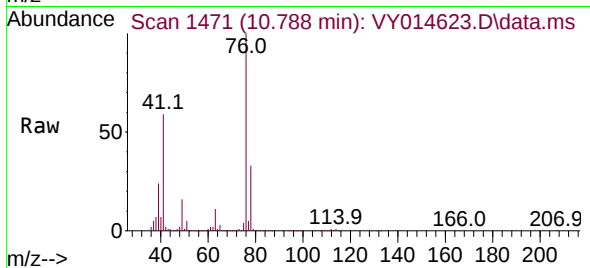
Tgt Ion: 69 Resp: 269667
Ion Ratio Lower Upper
69 100
41 65.3 57.6 86.4
39 36.7 34.1 51.1





#57
1,3-Dichloropropane
Concen: 52.185 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

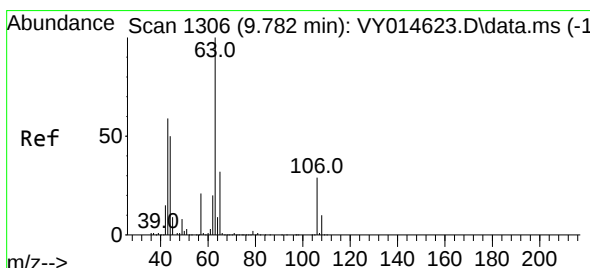
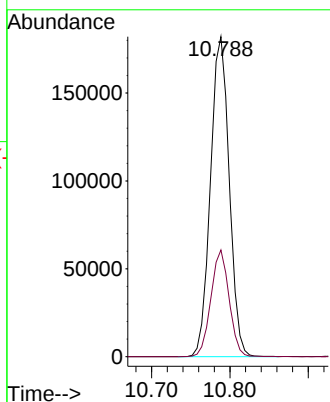
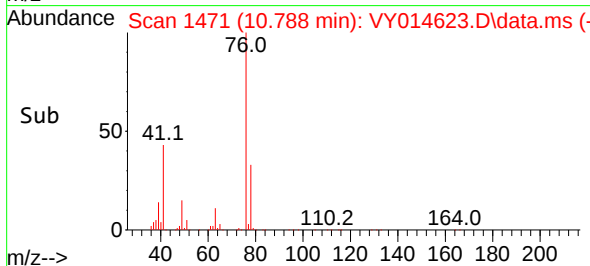
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 30282
Ion Ratio Lower Upper
76 100
78 32.3 25.3 37.9

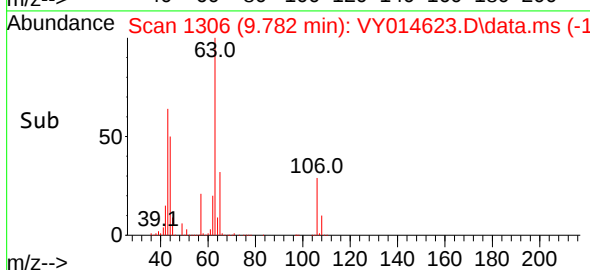
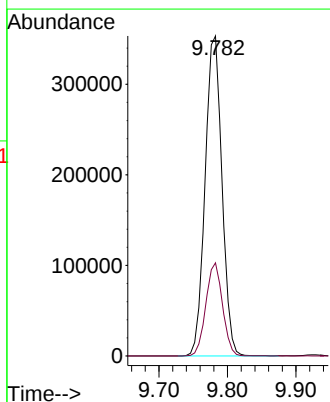
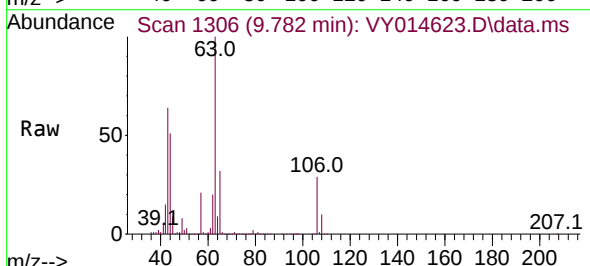
Manual Integrations
APPROVED

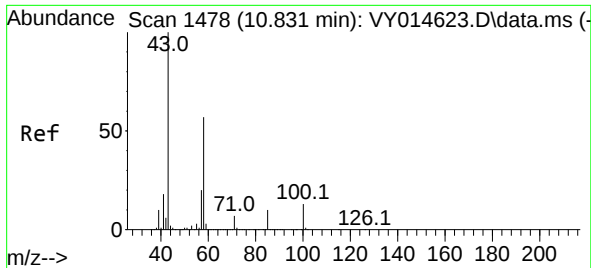
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#58
2-Chloroethyl Vinyl ether
Concen: 252.723 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

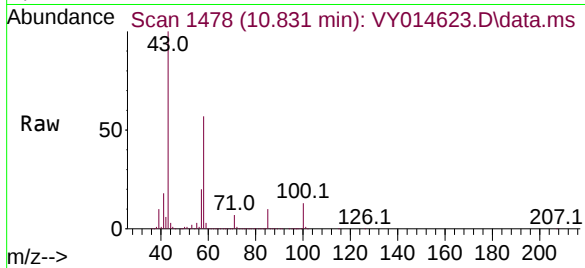
Tgt Ion: 63 Resp: 604885
Ion Ratio Lower Upper
63 100
106 28.7 21.2 31.8





#59
2-Hexanone
Concen: 259.412 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

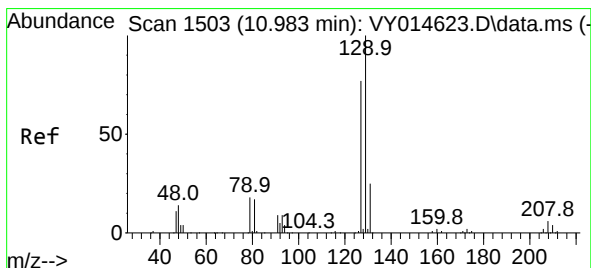
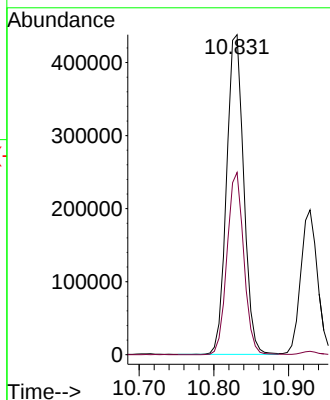
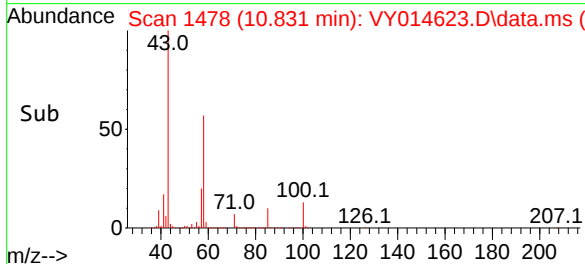
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 69836
Ion Ratio Lower Upper
43 100
58 55.7 25.1 75.3

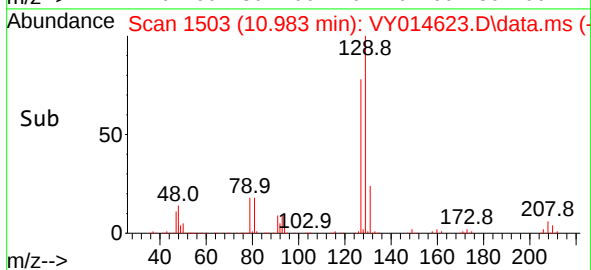
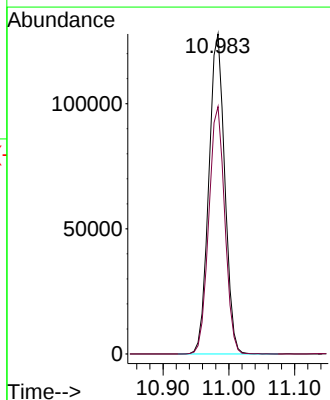
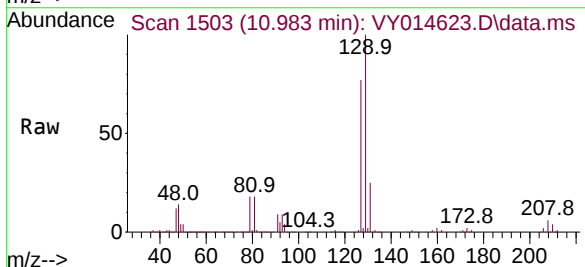
Manual Integrations
APPROVED

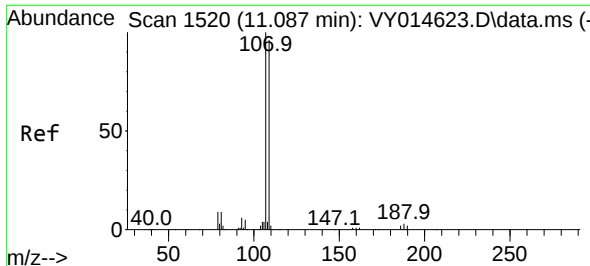
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#60
Dibromochloromethane
Concen: 52.231 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

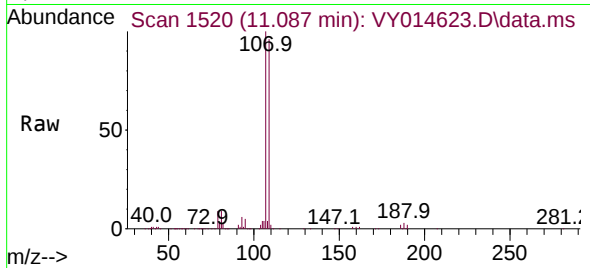
Tgt Ion:129 Resp: 215448
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5





#61
1,2-Dibromoethane
Concen: 52.061 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

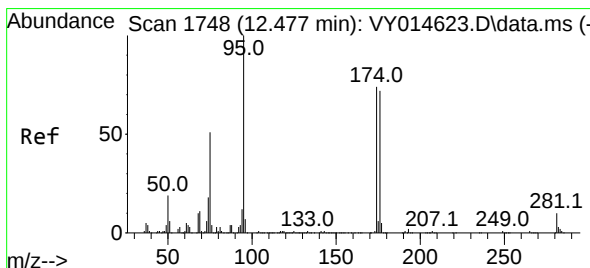
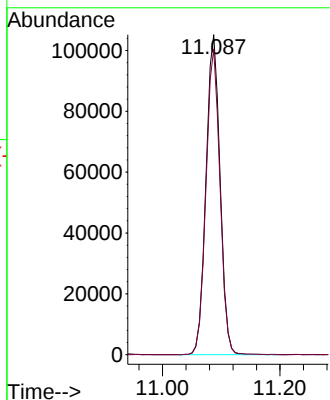
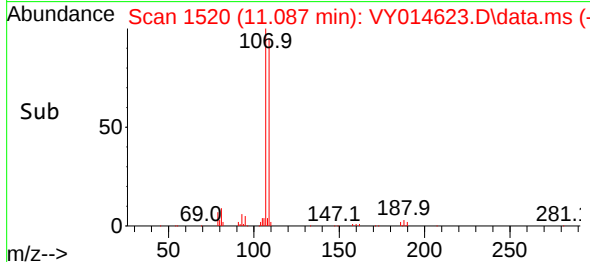
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



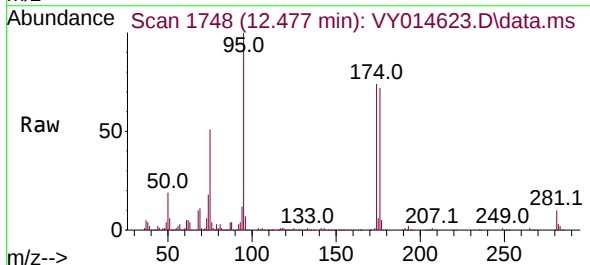
Tgt Ion:107 Resp: 174730
Ion Ratio Lower Upper
107 100
109 95.2 75.6 113.4

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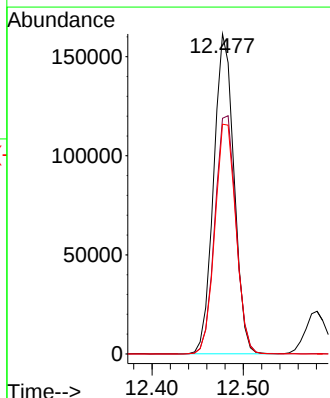
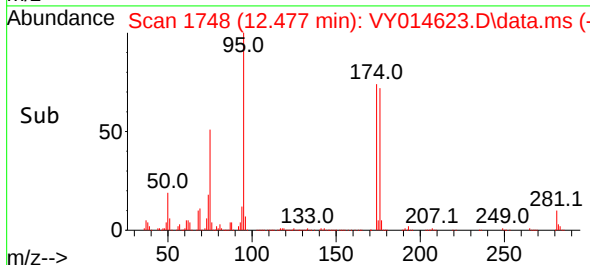
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

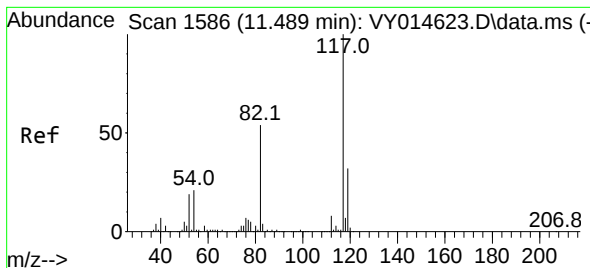


#62
4-Bromofluorobenzene
Concen: 49.334 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19



Tgt Ion: 95 Resp: 250009
Ion Ratio Lower Upper
95 100
174 77.3 0.0 178.2
176 74.5 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: VY014623.D

Acq: 13 Jul 2023 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion:117 Resp: 49849

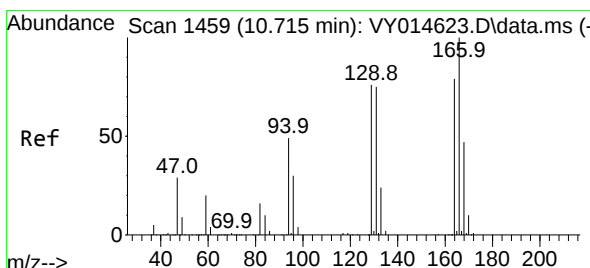
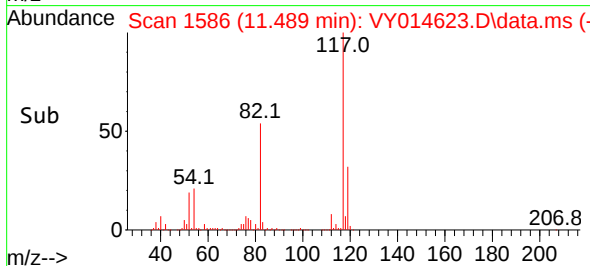
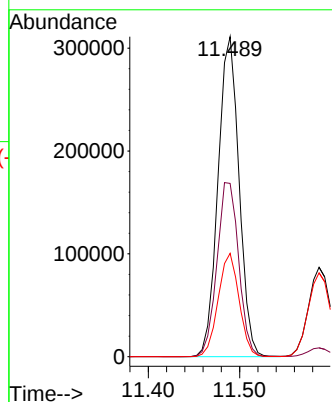
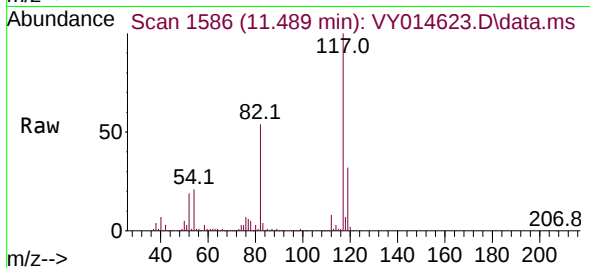
Ion	Ratio	Lower	Upper
117	100		
82	54.2	43.4	65.0
119	32.3	26.3	39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#64

Tetrachloroethene

Concen: 51.179 ug/l

RT: 10.715 min Scan# 1459

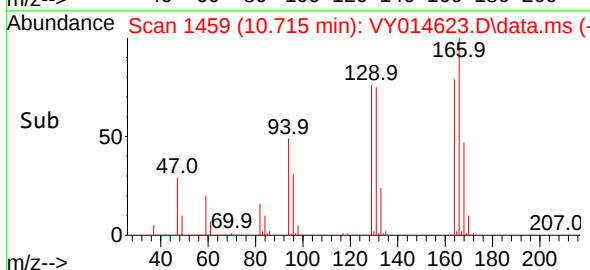
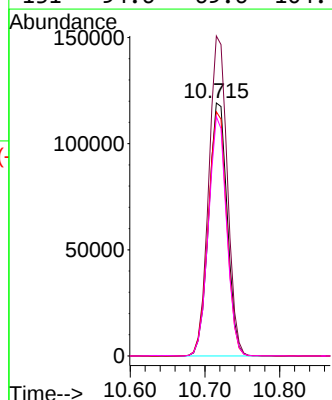
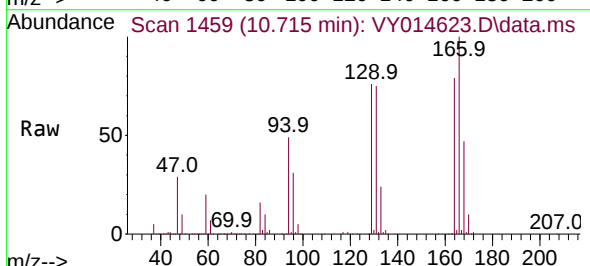
Delta R.T. 0.000 min

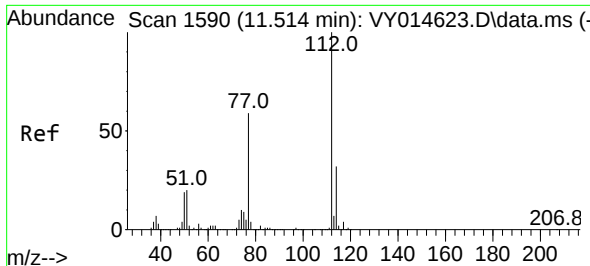
Lab File: VY014623.D

Acq: 13 Jul 2023 10:19

Tgt Ion:164 Resp: 205186

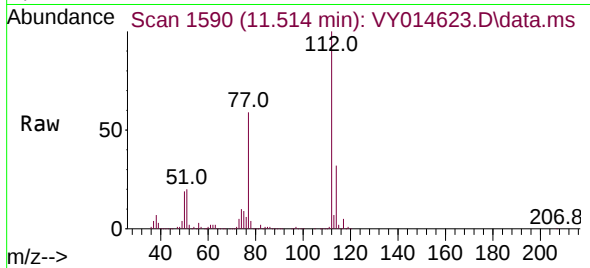
Ion	Ratio	Lower	Upper
164	100		
166	126.5	103.0	154.6
129	96.5	77.2	115.8
131	94.6	69.6	104.4





#65
Chlorobenzene
Concen: 51.487 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

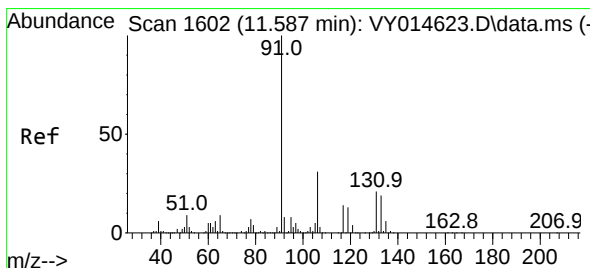
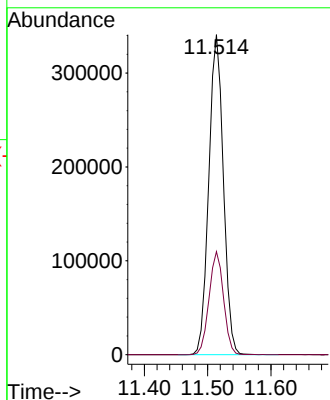
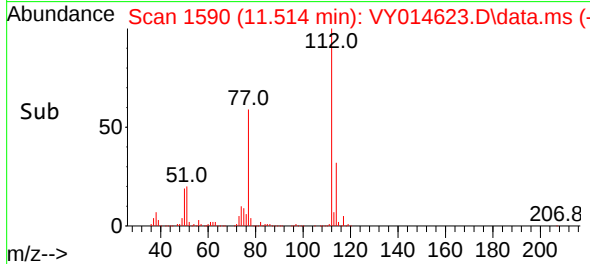
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



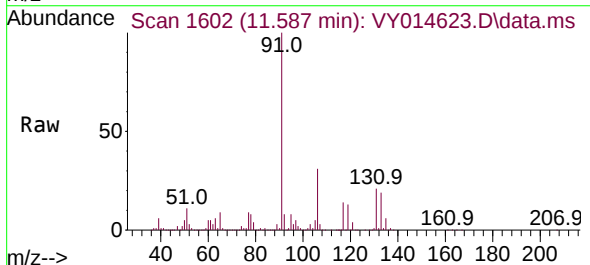
Tgt Ion:112 Resp: 546928
Ion Ratio Lower Upper
112 100
114 32.2 25.5 38.3

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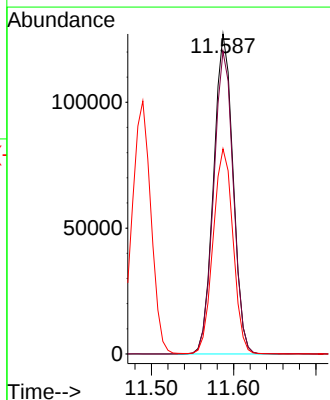
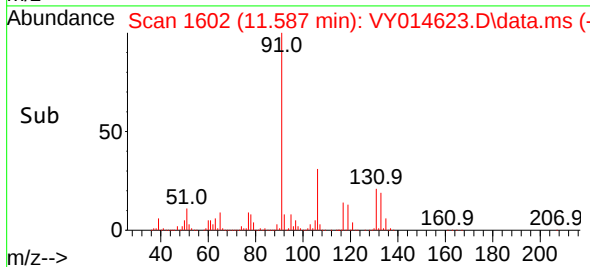
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

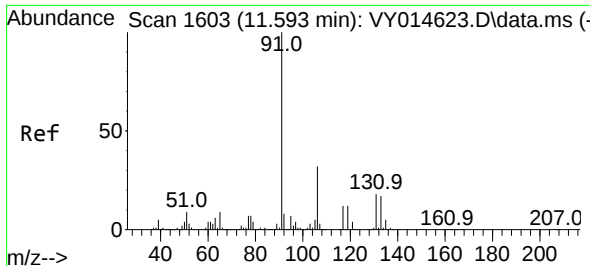


#66
1,1,1,2-Tetrachloroethane
Concen: 52.190 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19



Tgt Ion:131 Resp: 209033
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.6
119 65.5 31.6 94.7





#67

Ethyl Benzene

Concen: 51.924 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY014623.D

Acq: 13 Jul 2023 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 995879

Ion Ratio Lower Upper

91 100

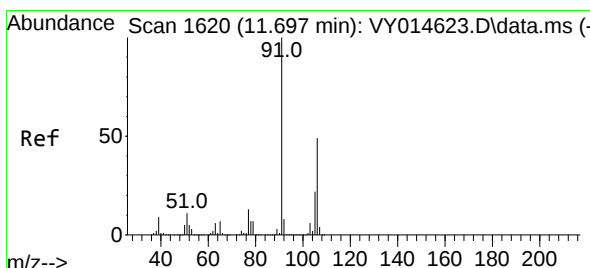
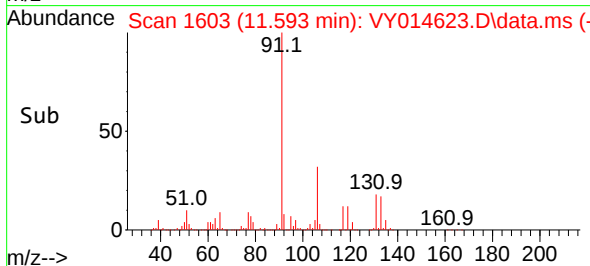
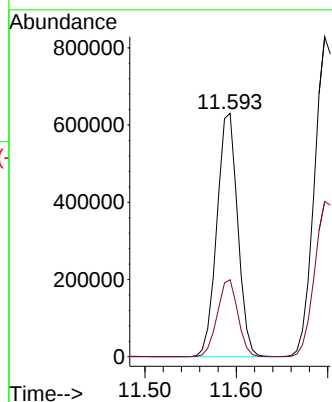
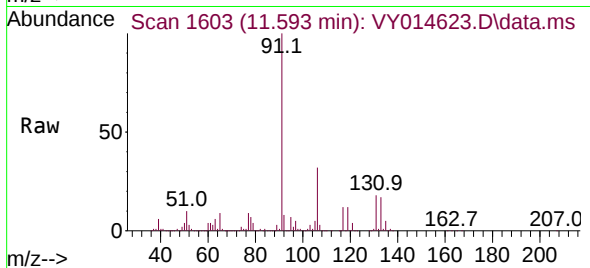
106 31.7 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#68

m/p-Xylenes

Concen: 103.166 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY014623.D

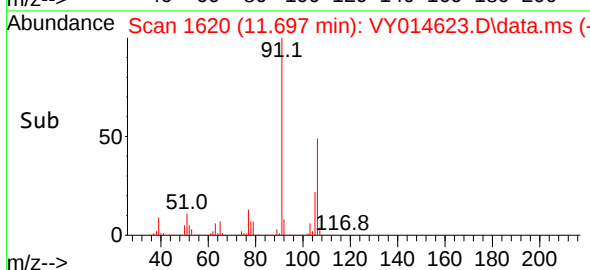
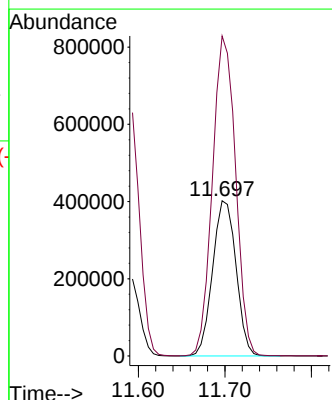
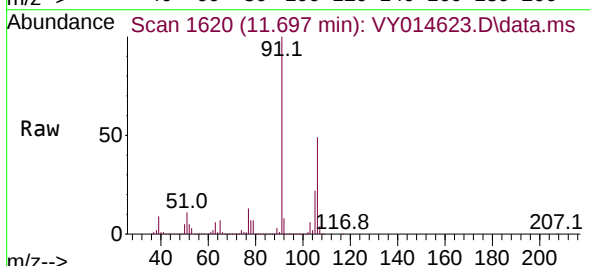
Acq: 13 Jul 2023 10:19

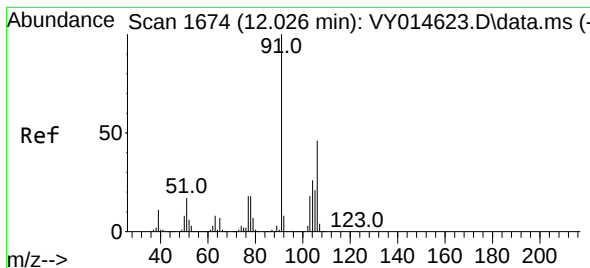
Tgt Ion:106 Resp: 755304

Ion Ratio Lower Upper

106 100

91 203.9 166.1 249.1





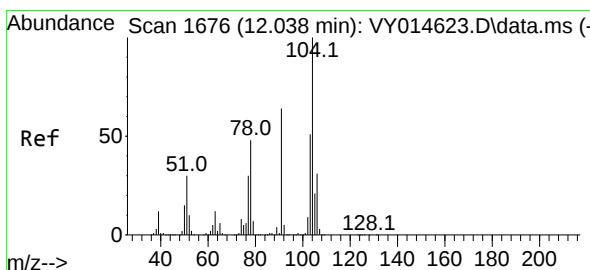
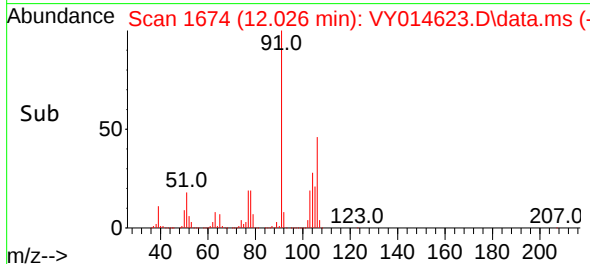
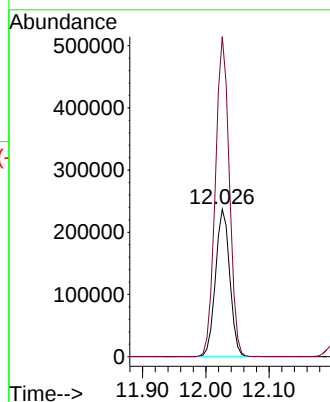
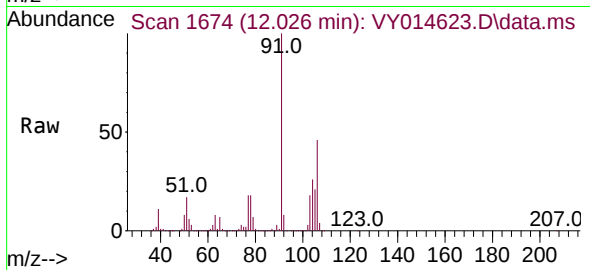
#69
o-Xylene
Concen: 51.748 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 36901
Ion Ratio Lower Upper
106 100
91 213.7 108.1 324.3

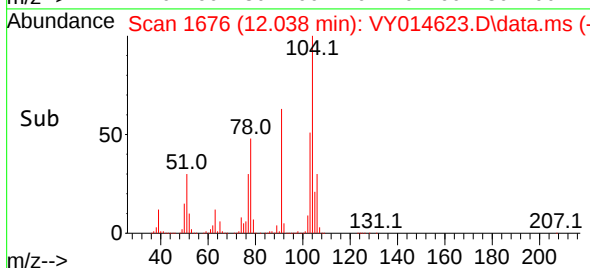
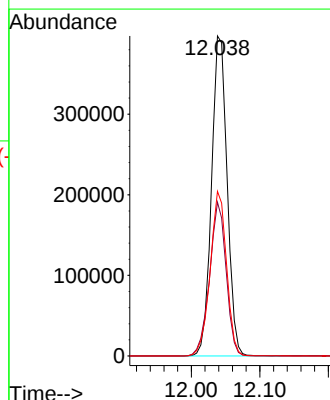
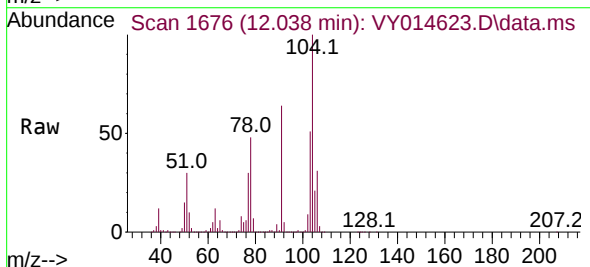
Manual Integrations
APPROVED

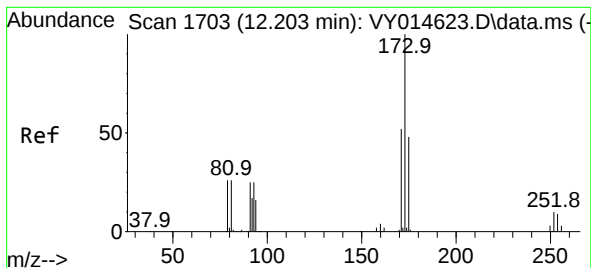
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#70
Styrene
Concen: 52.355 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

Tgt Ion:104 Resp: 629233
Ion Ratio Lower Upper
104 100
78 50.9 41.5 62.3
103 54.0 44.6 67.0





#71

Bromoform

Concen: 52.506 ug/l

RT: 12.203 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VY014623.D

Acq: 13 Jul 2023 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

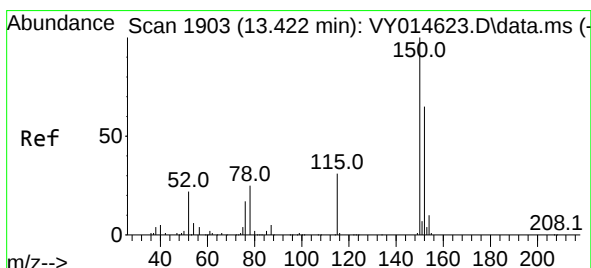
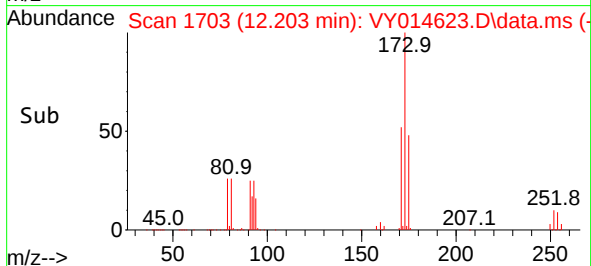
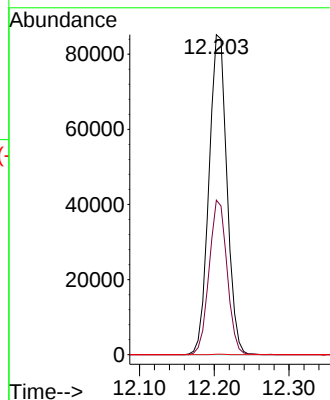
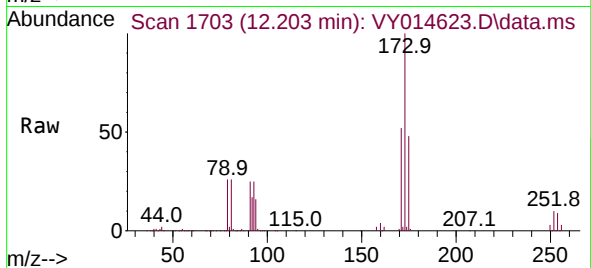
Tgt Ion:173	Resp: 142549
Ion Ratio	Lower Upper
173 100	
175 48.1	24.6 73.8
254 0.1	0.2 0.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

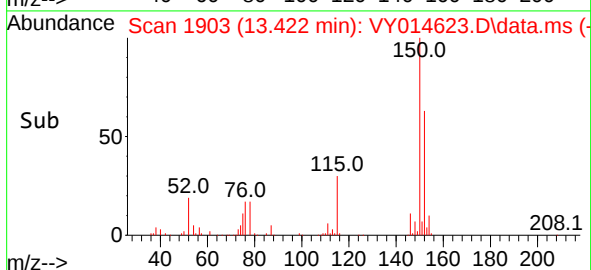
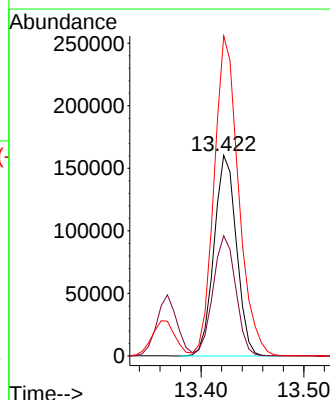
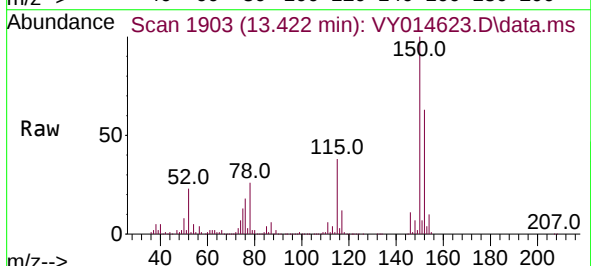
RT: 13.422 min Scan# 1903

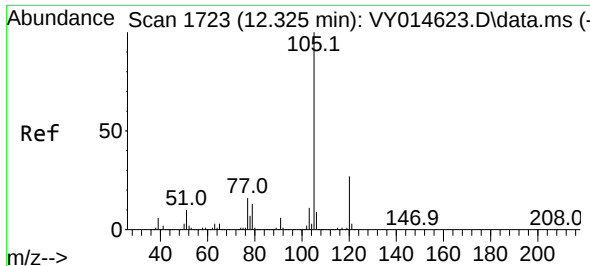
Delta R.T. 0.000 min

Lab File: VY014623.D

Acq: 13 Jul 2023 10:19

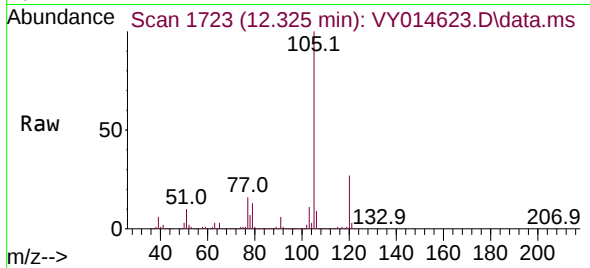
Tgt Ion:152	Resp: 242799
Ion Ratio	Lower Upper
152 100	
115 60.7	28.8 86.5
150 174.4	0.0 348.8





#73
Isopropylbenzene
Concen: 51.154 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

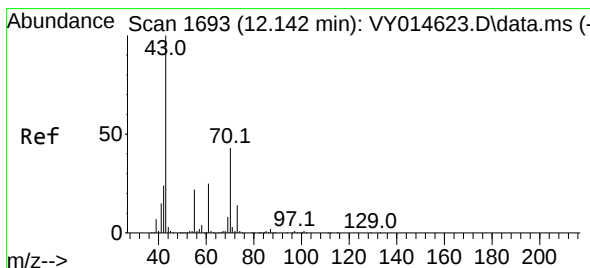
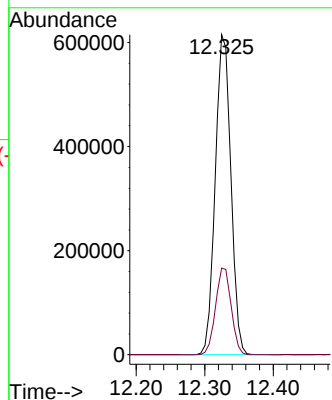
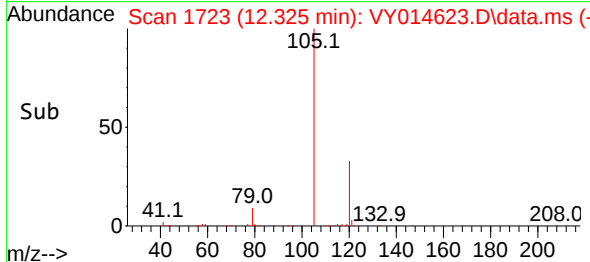
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



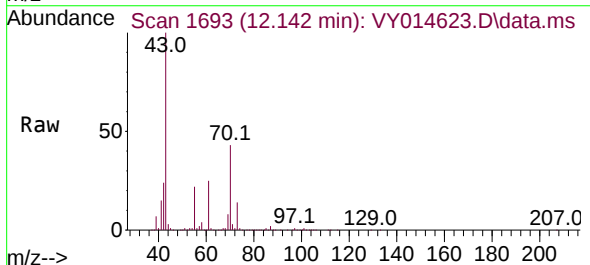
Tgt Ion:105 Resp: 97251
Ion Ratio Lower Upper
105 100
120 27.1 13.3 39.9

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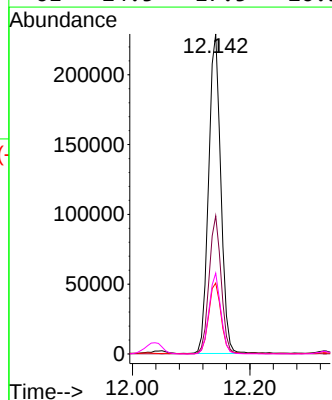
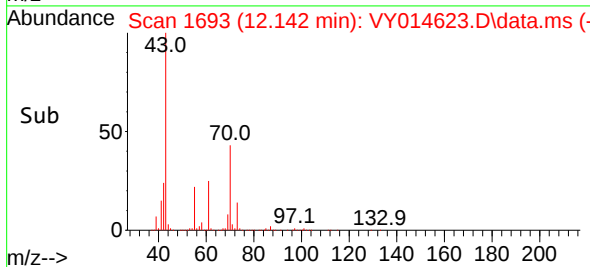
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

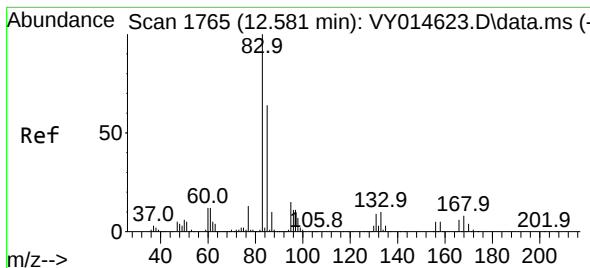


#74
N-ethyl acetate
Concen: 51.882 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19



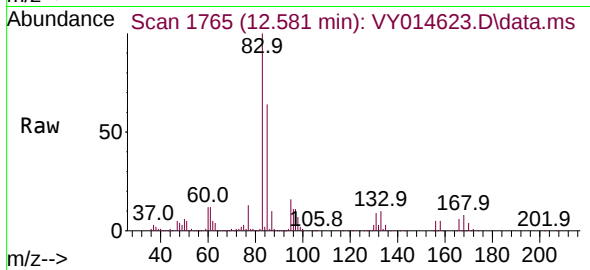
Tgt Ion: 43 Resp: 330344
Ion Ratio Lower Upper
43 100
70 42.8 29.7 44.5
55 22.4 18.3 27.5
61 24.5 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 50.688 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

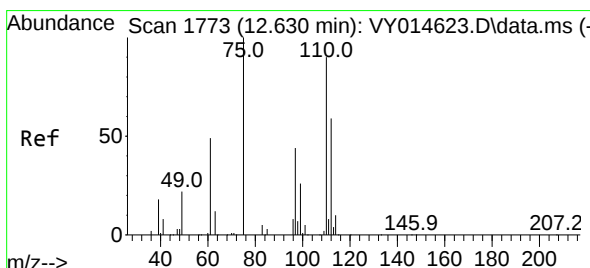
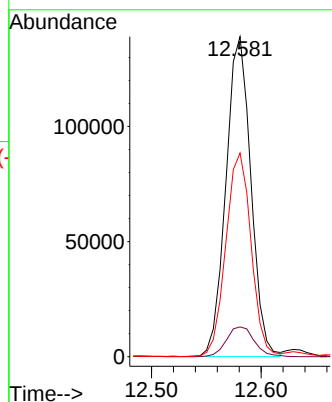
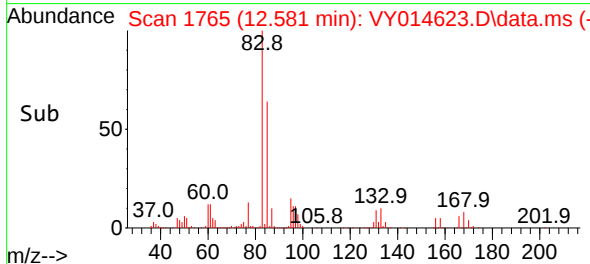
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



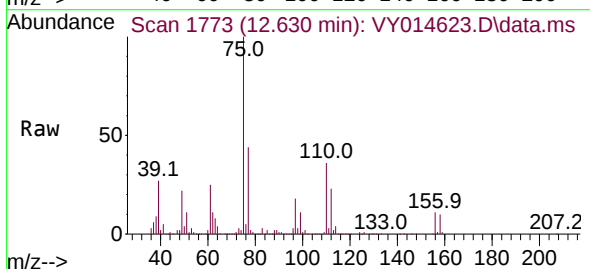
Tgt Ion: 83 Resp: 21975
Ion Ratio Lower Upper
83 100
131 10.5 5.4 16.2
85 64.5 31.8 95.4

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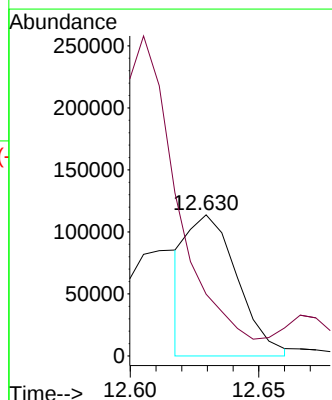
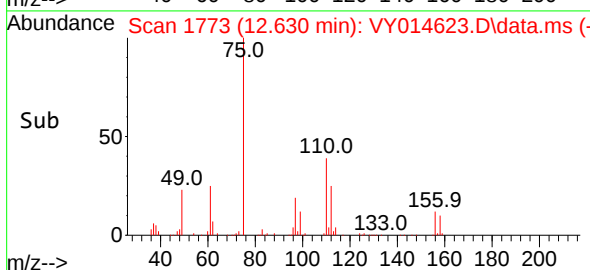
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

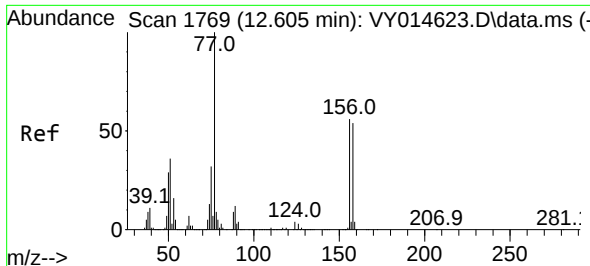


#76
1,2,3-Trichloropropane
Concen: 50.087 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19



Tgt Ion: 75 Resp: 155630
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





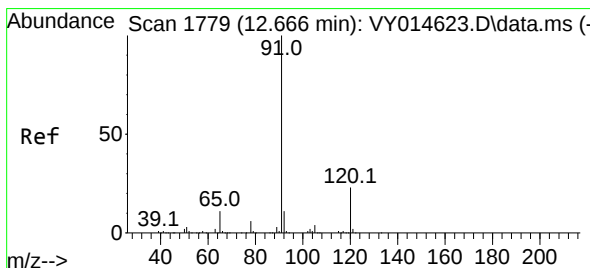
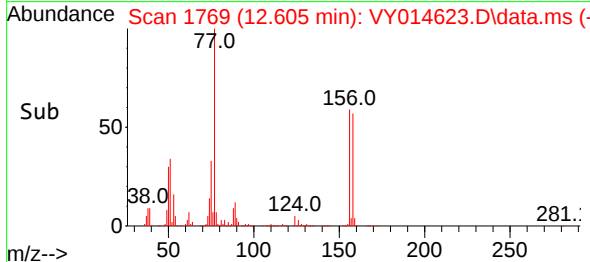
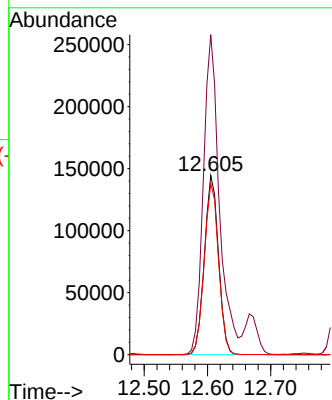
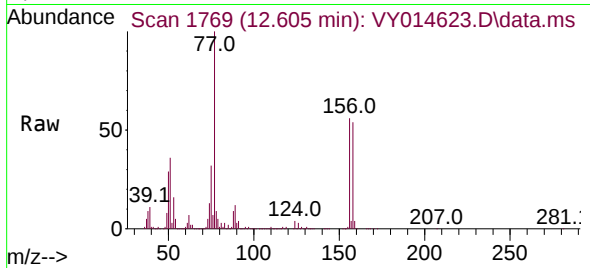
#77
Bromobenzene
Concen: 52.010 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:156 Resp: 225700
Ion Ratio Lower Upper
156 100
77 201.0 92.8 278.6
158 96.4 48.4 145.3

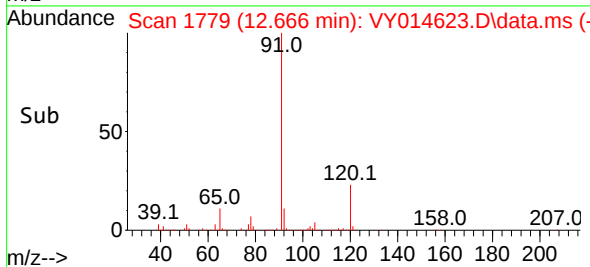
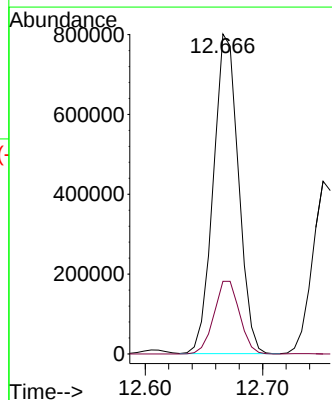
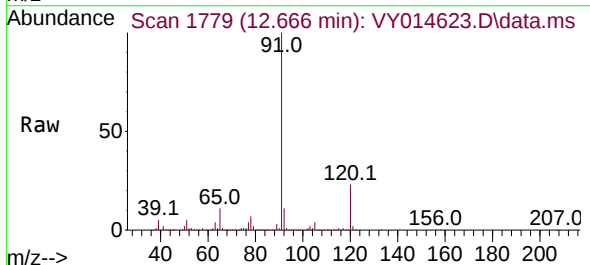
Manual Integrations
APPROVED

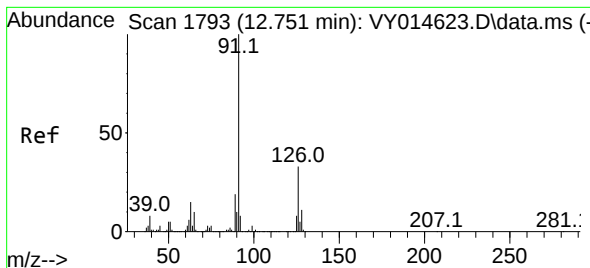
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#78
n-propylbenzene
Concen: 51.944 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

Tgt Ion: 91 Resp: 1189972
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.4





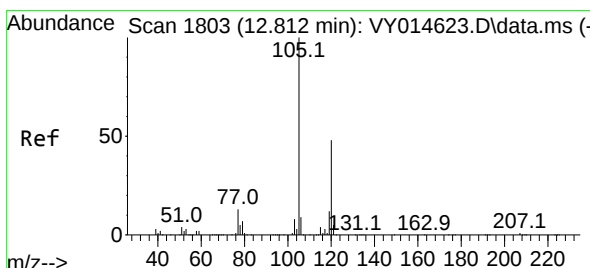
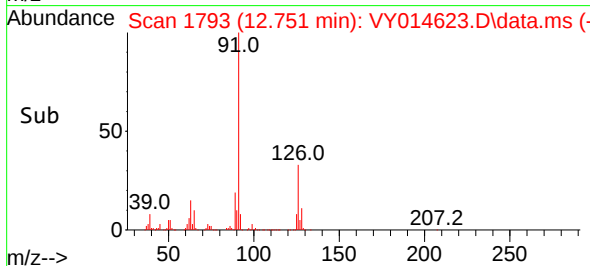
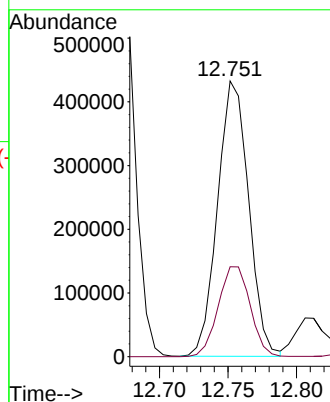
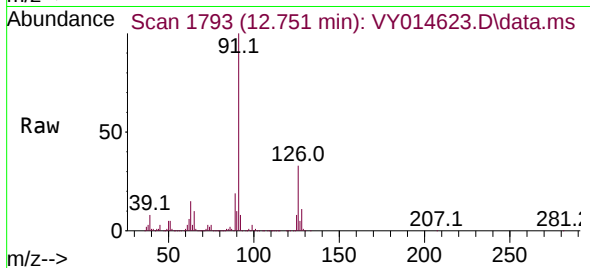
#79
2-Chlorotoluene
Concen: 51.803 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 68354
Ion Ratio Lower Upper
91 100
126 33.7 17.3 51.7

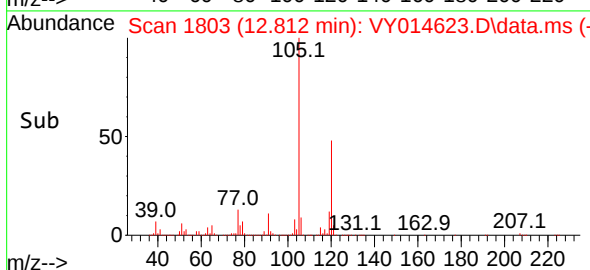
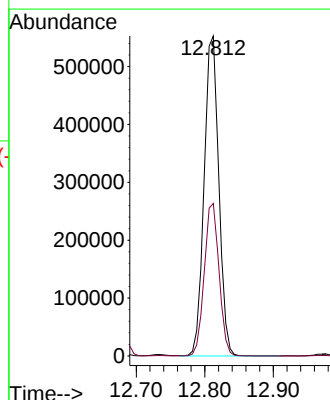
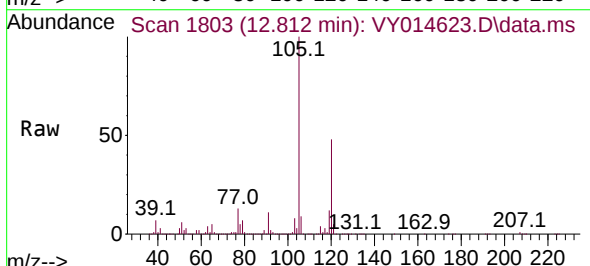
Manual Integrations
APPROVED

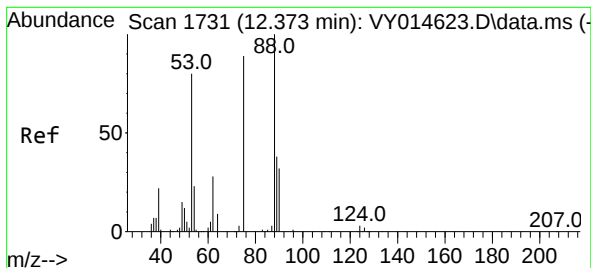
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#80
1,3,5-Trimethylbenzene
Concen: 51.974 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

Tgt Ion:105 Resp: 825197
Ion Ratio Lower Upper
105 100
120 48.0 23.9 71.7





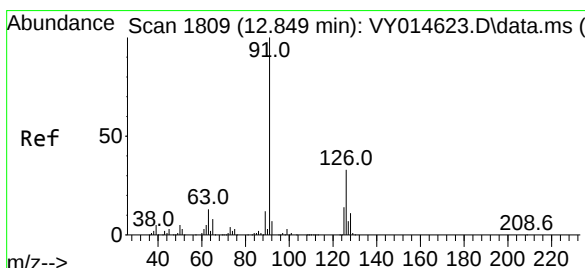
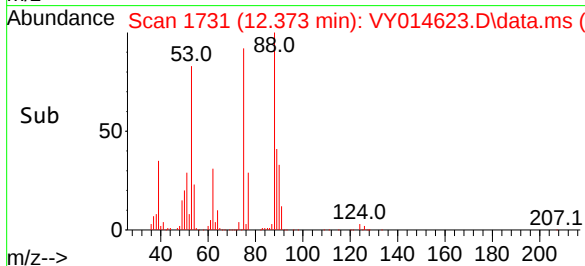
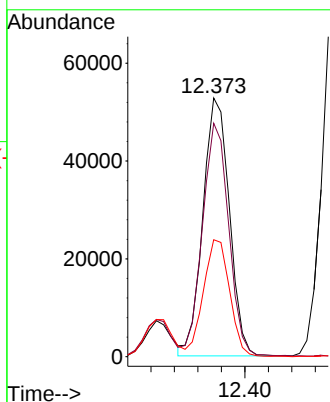
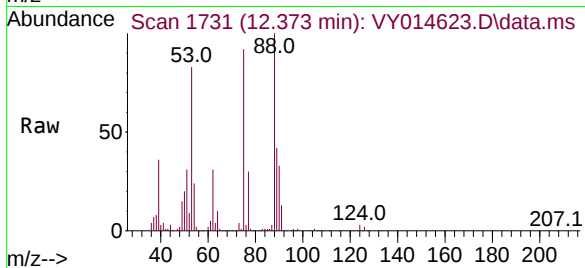
#81
trans-1,4-Dichloro-2-butene
Concen: 52.111 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 8253
Ion Ratio Lower Upper
75 100
53 90.2 77.8 116.8
89 45.1 37.4 56.0

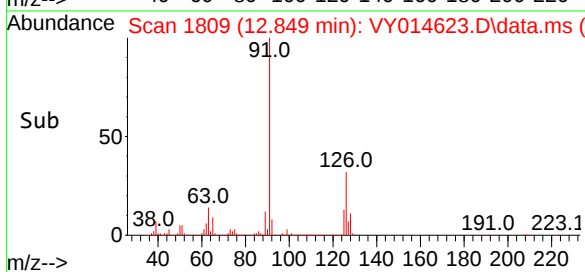
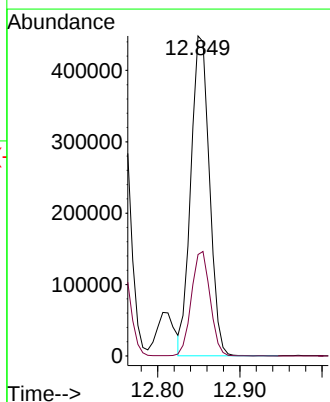
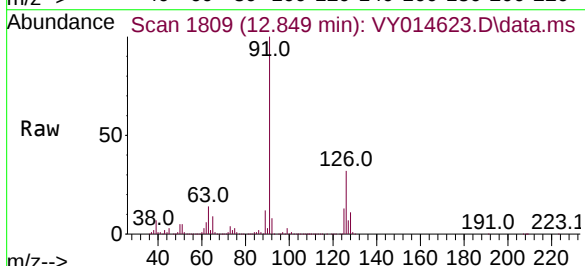
Manual Integrations
APPROVED

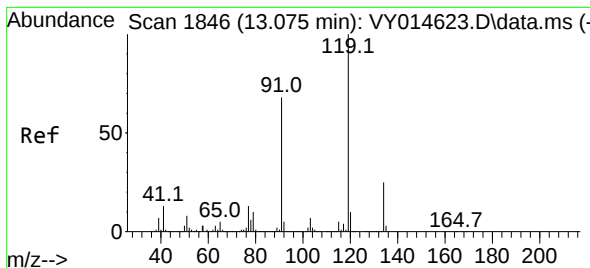
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#82
4-Chlorotoluene
Concen: 51.769 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

Tgt Ion: 91 Resp: 703520
Ion Ratio Lower Upper
91 100
126 33.0 17.2 51.6





#83

tert-Butylbenzene

Concen: 51.979 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY014623.D

Acq: 13 Jul 2023 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion:119 Resp: 732070

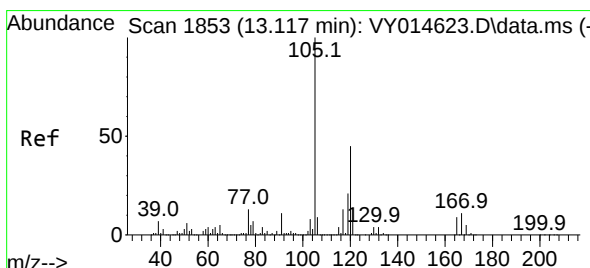
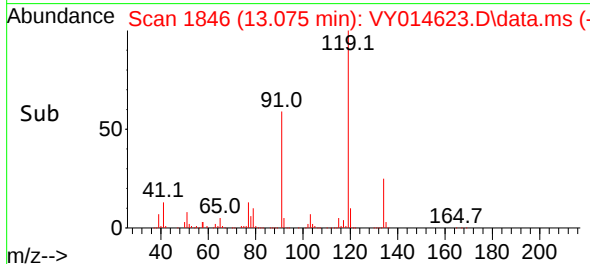
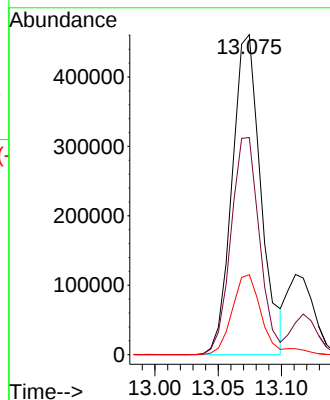
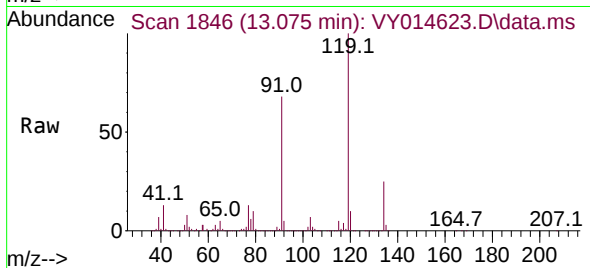
Ion	Ratio	Lower	Upper
119	100		
91	67.2	32.9	98.6
134	26.1	13.0	38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#84

1,2,4-Trimethylbenzene

Concen: 51.904 ug/l

RT: 13.117 min Scan# 1853

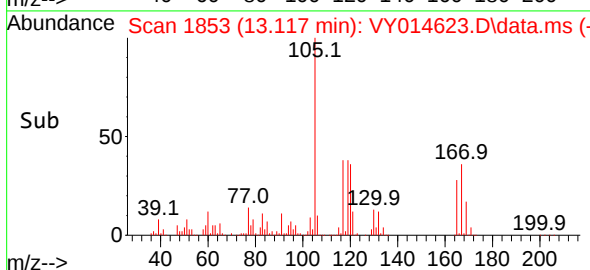
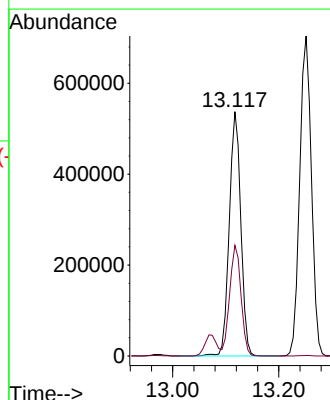
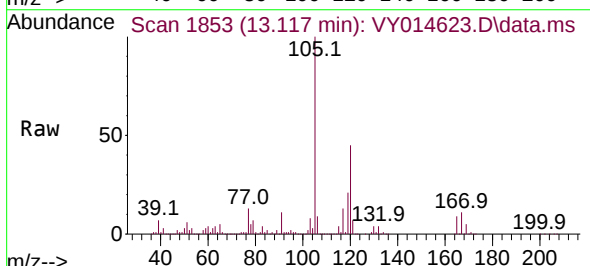
Delta R.T. 0.000 min

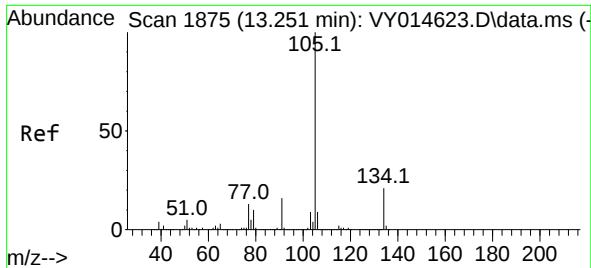
Lab File: VY014623.D

Acq: 13 Jul 2023 10:19

Tgt Ion:105 Resp: 808749

Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.2	66.6





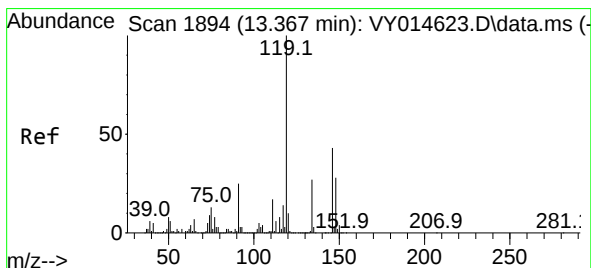
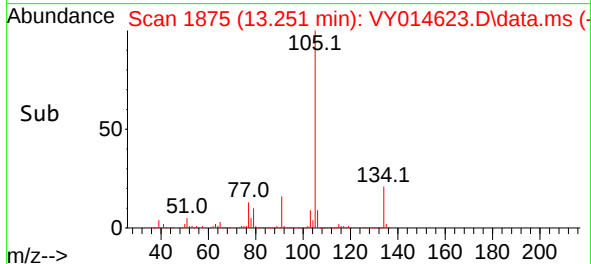
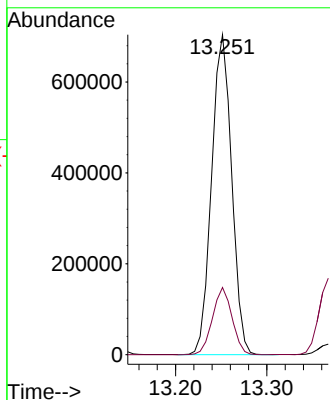
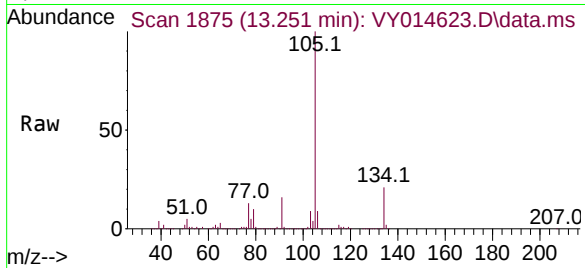
#85
 sec-Butylbenzene
 Concen: 51.933 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY014623.D
 Acq: 13 Jul 2023 10:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 107295
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.6

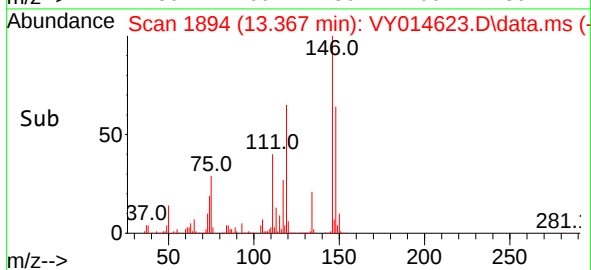
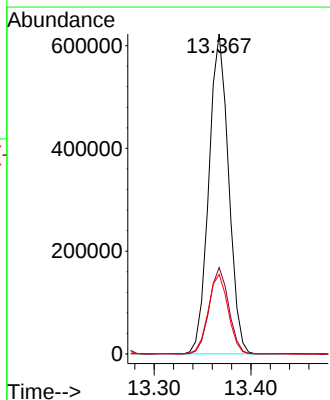
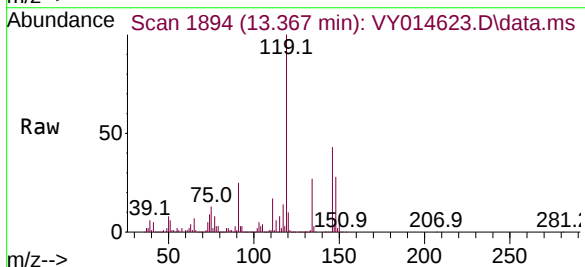
Manual Integrations
 APPROVED

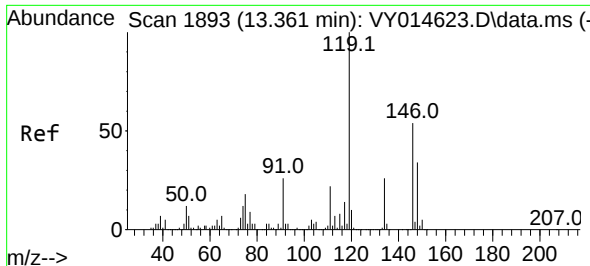
Reviewed By :John Carlone 07/14/2023
 Supervised By :Mahesh Dadoda 07/14/2023



#86
 p-Isopropyltoluene
 Concen: 52.324 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY014623.D
 Acq: 13 Jul 2023 10:19

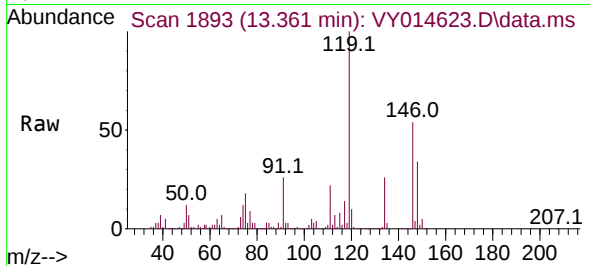
Tgt Ion:119 Resp: 882628
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 25.0 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 52.043 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

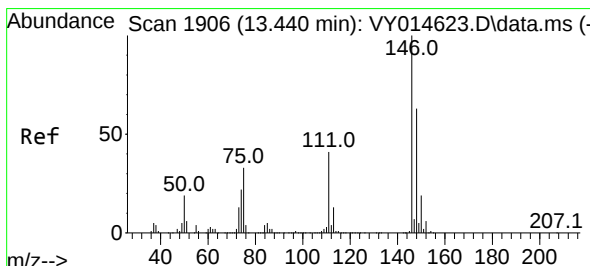
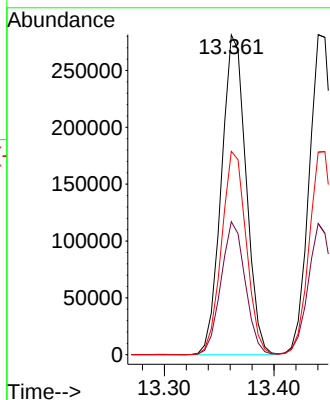
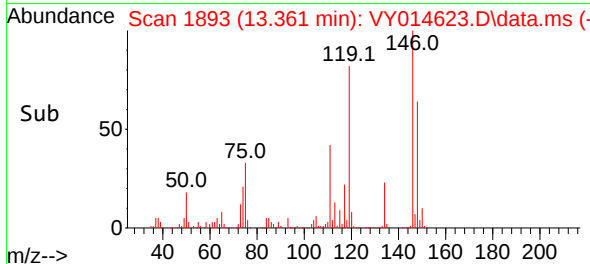
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



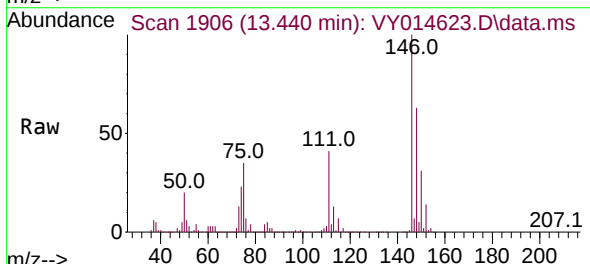
Tgt Ion:146 Resp: 439550
Ion Ratio Lower Upper
146 100
111 40.9 19.4 58.2
148 63.6 31.9 95.5

Manual Integrations
APPROVED

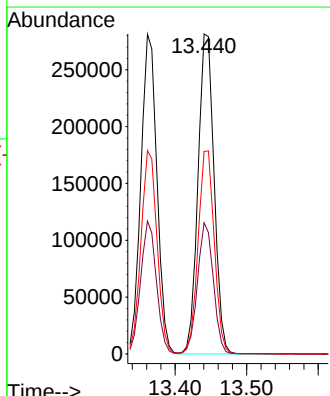
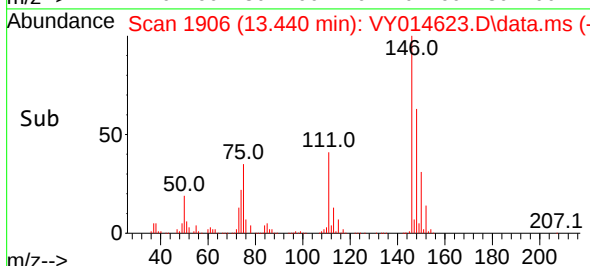
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

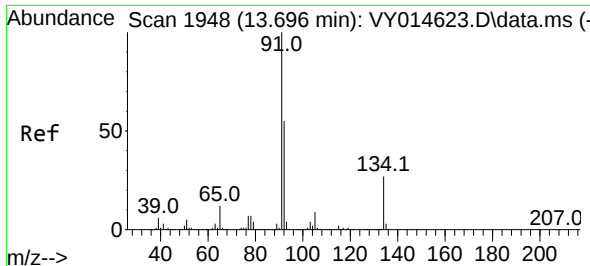


#88
1,4-Dichlorobenzene
Concen: 51.968 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19



Tgt Ion:146 Resp: 439836
Ion Ratio Lower Upper
146 100
111 40.4 18.9 56.7
148 63.9 32.1 96.5





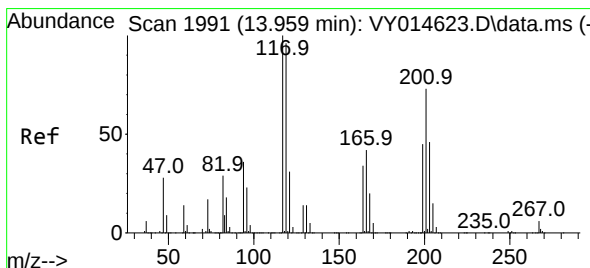
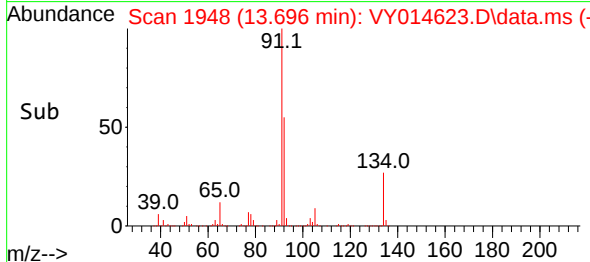
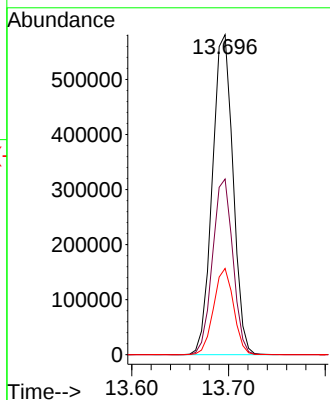
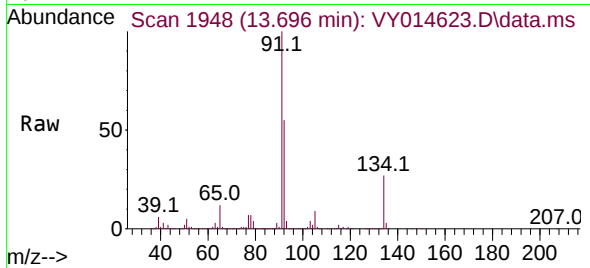
#89
n-Butylbenzene
Concen: 52.549 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 862412
Ion Ratio Lower Upper
91 100
92 54.1 25.4 76.0
134 26.1 12.6 37.6

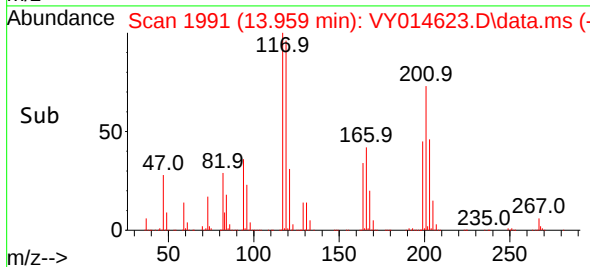
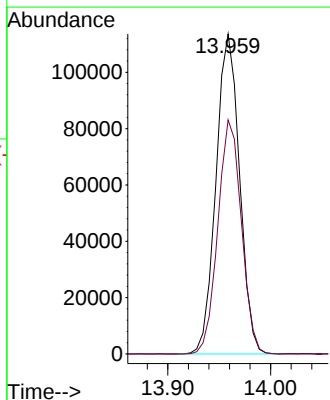
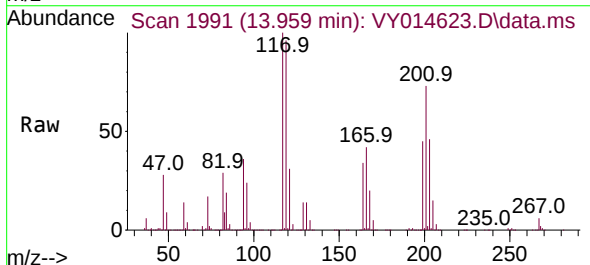
Manual Integrations
APPROVED

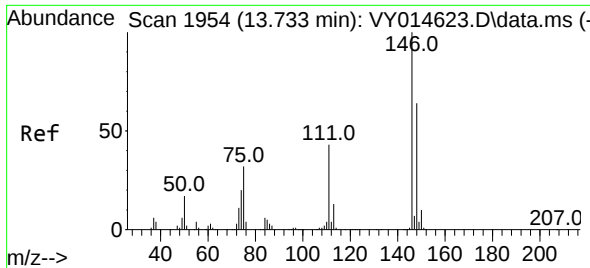
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#90
Hexachloroethane
Concen: 52.081 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY014623.D
Acq: 13 Jul 2023 10:19

Tgt Ion:117 Resp: 180452
Ion Ratio Lower Upper
117 100
201 73.2 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 52.250 ug/l

RT: 13.733 min Scan# 1954

Delta R.T. -0.000 min

Lab File: VY014623.D

Acq: 13 Jul 2023 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 404319

Ion Ratio Lower Upper

146 100

111 43.0 19.7 59.0

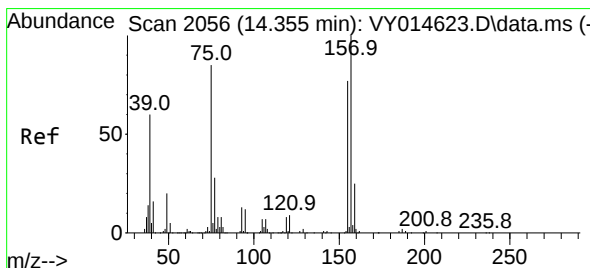
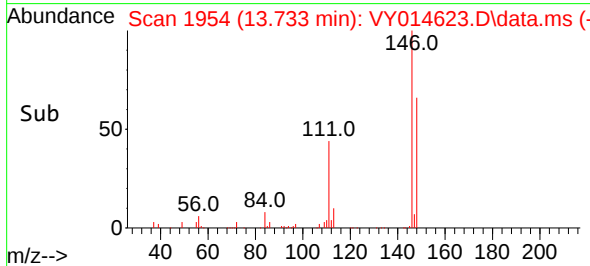
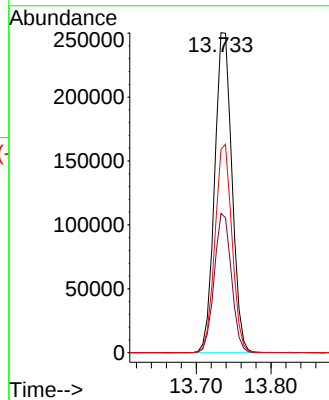
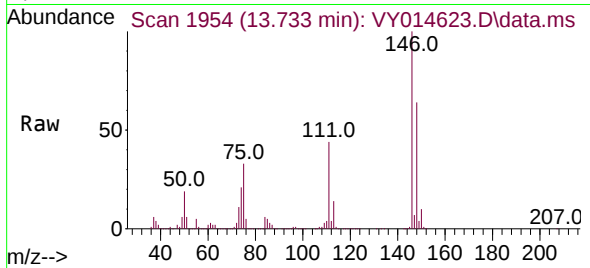
148 64.1 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.671 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY014623.D

Acq: 13 Jul 2023 10:19

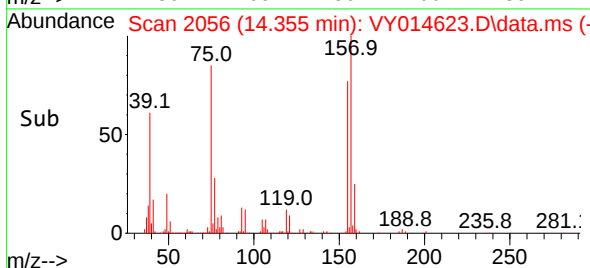
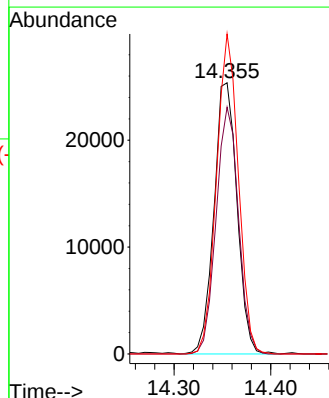
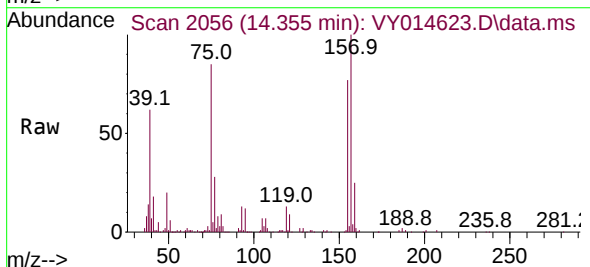
Tgt Ion: 75 Resp: 42011

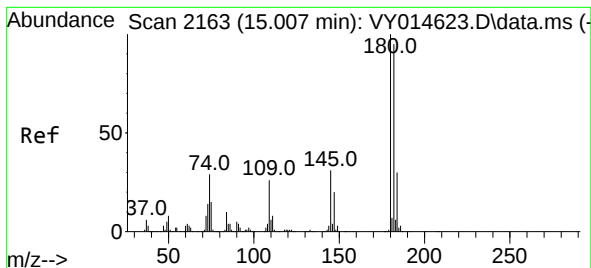
Ion Ratio Lower Upper

75 100

155 87.9 41.5 124.6

157 111.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 53.557 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014623.D

Acq: 13 Jul 2023 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion:180 Resp: 263079

Ion Ratio Lower Upper

180 100

182 94.9 47.0 141.2

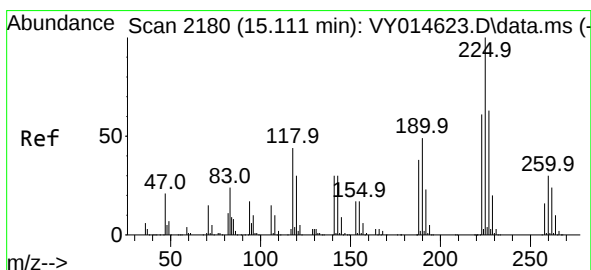
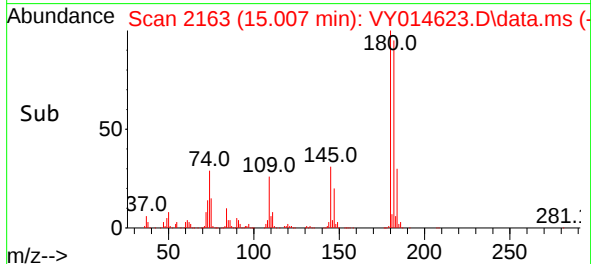
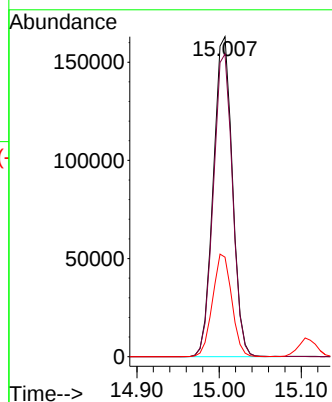
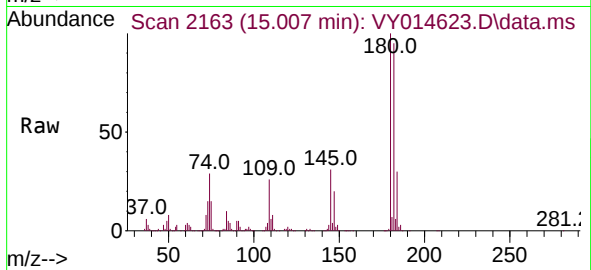
145 32.2 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#94

Hexachlorobutadiene

Concen: 53.421 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014623.D

Acq: 13 Jul 2023 10:19

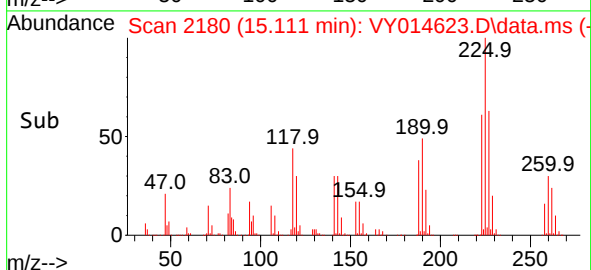
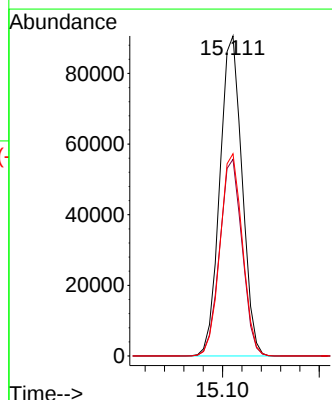
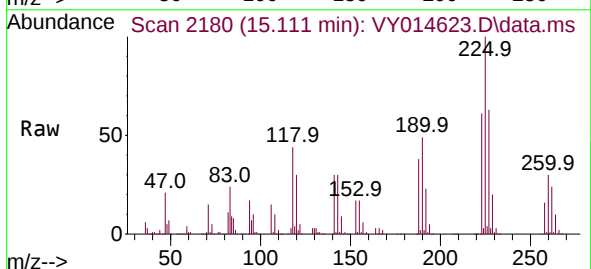
Tgt Ion:225 Resp: 144204

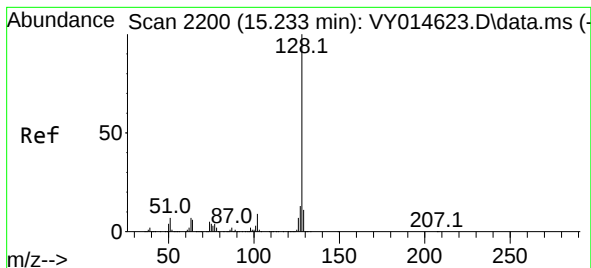
Ion Ratio Lower Upper

225 100

223 62.0 31.9 95.9

227 63.6 33.0 98.9





#95

Naphthalene

Concen: 53.132 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY014623.D

Acq: 13 Jul 2023 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

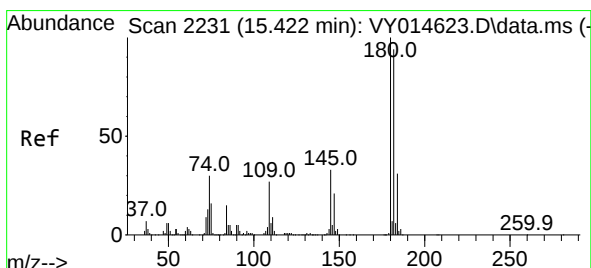
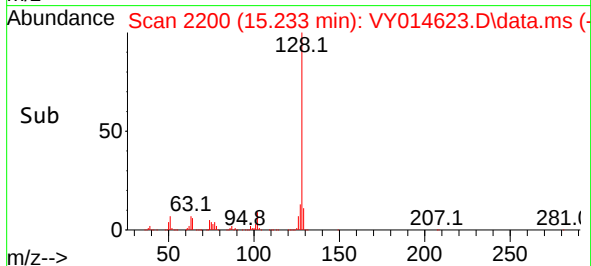
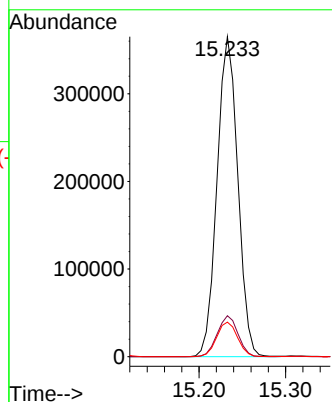
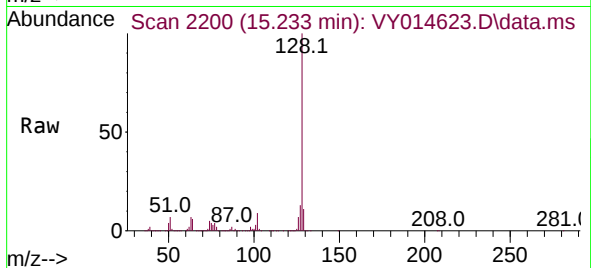
Tgt Ion:	128	Resp:	608049
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.8	16.2
129	10.9	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#96

1,2,3-Trichlorobenzene

Concen: 53.172 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY014623.D

Acq: 13 Jul 2023 10:19

Tgt Ion:	180	Resp:	232131
Ion Ratio	Lower	Upper	
180	100		
182	95.0	47.3	141.8
145	33.9	15.4	46.2

