

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071423\
 Data File : VY014641.D
 Acq On : 14 Jul 2023 12:41
 Operator : SY/MD
 Sample : VY0714SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0714SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/17/2023
 Supervised By : Mahesh Dadoda 07/17/2023

Quant Time: Jul 14 23:06:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	300941	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	502206	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	450778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	224407	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	173006	50.449	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.900%			
35) Dibromofluoromethane	7.710	113	160801	50.299	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.600%			
50) Toluene-d8	10.173	98	580377	49.241	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.480%			
62) 4-Bromofluorobenzene	12.477	95	222377	49.206	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 98.420%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	53626	21.872	ug/l	96
3) Chloromethane	2.107	50	63120	22.902	ug/l	97
4) Vinyl Chloride	2.241	62	68194	22.140	ug/l	97
5) Bromomethane	2.625	94	47123	23.150	ug/l	96
6) Chloroethane	2.778	64	43436	22.576	ug/l	96
7) Trichlorofluoromethane	3.113	101	104695	20.238	ug/l	97
8) Diethyl Ether	3.521	74	40042	20.803	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.893	101	61245	19.315	ug/l	97
10) Methyl Iodide	4.082	142	61837	19.894	ug/l	96
11) Tert butyl alcohol	4.948	59	97977	127.906	ug/l #	92
12) 1,1-Dichloroethene	3.857	96	59931	20.223	ug/l	90
13) Acrolein	3.723	56	35425	98.833	ug/l	96
14) Allyl chloride	4.466	41	101712	19.330	ug/l	95
15) Acrylonitrile	5.155	53	112280	105.785	ug/l	98
16) Acetone	3.942	43	107283	98.722	ug/l	93
17) Carbon Disulfide	4.186	76	173467	20.445	ug/l	98
18) Methyl Acetate	4.466	43	88994	21.340	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	199027	20.675	ug/l	99
20) Methylene Chloride	4.704	84	78038	19.532	ug/l	92
21) trans-1,2-Dichloroethene	5.204	96	67490	20.068	ug/l	95
22) Diisopropyl ether	6.112	45	212606	19.874	ug/l	92
23) Vinyl Acetate	6.052	43	639817	99.942	ug/l	96
24) 1,1-Dichloroethane	6.009	63	122539	20.019	ug/l	96
25) 2-Butanone	6.978	43	165915	104.358	ug/l	96
26) 2,2-Dichloropropane	6.972	77	115140	19.737	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	80896	20.665	ug/l	95
28) Bromochloromethane	7.332	49	56568	21.458	ug/l	94
29) Tetrahydrofuran	7.344	42	105182	107.442	ug/l	93
30) Chloroform	7.502	83	126719	20.075	ug/l	95
31) Cyclohexane	7.777	56	107364	18.860	ug/l	87
32) 1,1,1-Trichloroethane	7.698	97	112031	19.720	ug/l	98
36) 1,1-Dichloropropene	7.911	75	94525	19.771	ug/l	100
37) Ethyl Acetate	7.070	43	68469	20.801	ug/l #	95
38) Carbon Tetrachloride	7.893	117	100310	19.848	ug/l	96
39) Methylcyclohexane	9.179	83	119687	19.216	ug/l	96
40) Benzene	8.155	78	273184	20.091	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	33161m	19.586	ug/l	
42) 1,2-Dichloroethane	8.234	62	86827	20.165	ug/l	95
43) Isopropyl Acetate	8.271	43	127198	20.286	ug/l	96
44) Trichloroethene	8.935	130	75773	19.917	ug/l	99
45) 1,2-Dichloropropane	9.209	63	69740	19.642	ug/l	98
46) Dibromomethane	9.301	93	43565	20.226	ug/l	96
47) Bromodichloromethane	9.490	83	100199	19.738	ug/l	97
48) Methyl methacrylate	9.289	41	56477	20.017	ug/l	92
49) 1,4-Dioxane	9.295	88	14909	424.496	ug/l #	53
51) 4-Methyl-2-Pentanone	10.063	43	345940	105.080	ug/l	93
52) Toluene	10.240	92	174855	20.096	ug/l	93
53) t-1,3-Dichloropropene	10.459	75	109318	19.686	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	120779	20.001	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	61985	20.659	ug/l	97
56) Ethyl methacrylate	10.508	69	93056	20.313	ug/l	91
57) 1,3-Dichloropropane	10.782	76	104257	20.146	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	231836	108.614	ug/l	95
59) 2-Hexanone	10.825	43	254697	106.087	ug/l	92
60) Dibromochloromethane	10.977	129	73422	19.959	ug/l	100
61) 1,2-Dibromoethane	11.087	107	61483	20.541	ug/l	99
64) Tetrachloroethene	10.715	164	74963	20.677	ug/l	98
65) Chlorobenzene	11.514	112	187861	19.557	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	71008	19.605	ug/l	98
67) Ethyl Benzene	11.587	91	341813	19.708	ug/l	100
68) m/p-Xylenes	11.697	106	262984	39.723	ug/l	96
69) o-Xylene	12.026	106	127531	19.777	ug/l	97
70) Styrene	12.038	104	215972	19.872	ug/l	98
71) Bromoform	12.203	173	49896	20.324	ug/l #	98
73) Isopropylbenzene	12.325	105	333139	18.959	ug/l	100
74) N-amyl acetate	12.142	43	114498	19.456	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.575	83	78238	19.525	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	53869m	19.007	ug/l	
77) Bromobenzene	12.605	156	78802	19.647	ug/l	95
78) n-propylbenzene	12.666	91	401489	18.962	ug/l	99
79) 2-Chlorotoluene	12.752	91	231375	18.972	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	281079	19.154	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	29280	20.003	ug/l	91
82) 4-Chlorotoluene	12.849	91	237149	18.881	ug/l	100
83) tert-Butylbenzene	13.069	119	250797	19.267	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	278699	19.352	ug/l	99
85) sec-Butylbenzene	13.251	105	362340	18.975	ug/l	100
86) p-Isopropyltoluene	13.367	119	302278	19.388	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	152453	19.530	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	154830	19.793	ug/l	98
89) n-Butylbenzene	13.690	91	291143	19.194	ug/l	97
90) Hexachloroethane	13.959	117	60337	18.841	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	141509	19.786	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14998	19.572	ug/l	91
93) 1,2,4-Trichlorobenzene	15.001	180	89382	19.687	ug/l	98
94) Hexachlorobutadiene	15.111	225	49220	19.728	ug/l	97
95) Naphthalene	15.233	128	214381	20.268	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	81033	20.083	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration

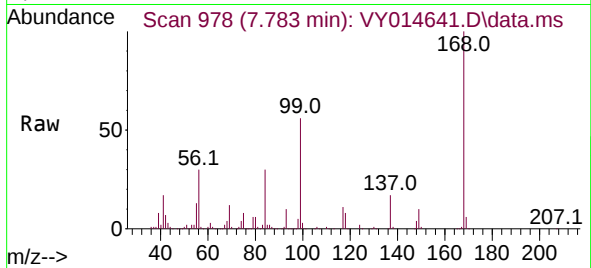
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014641.D
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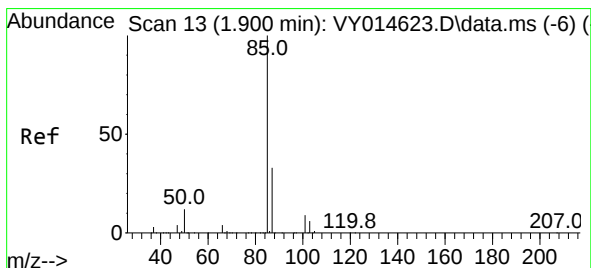
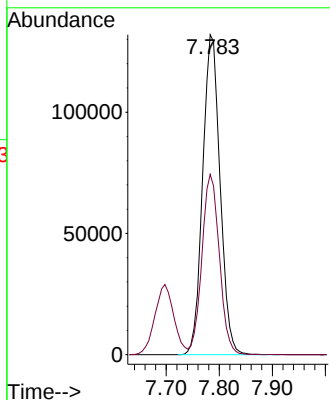
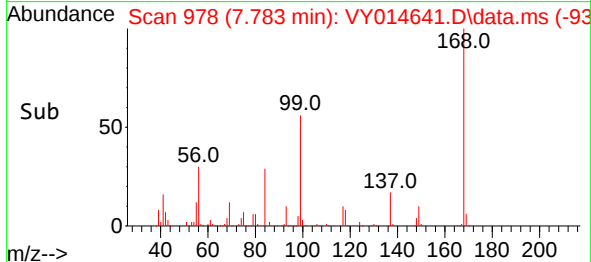
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBSD01



Tgt Ion:168 Resp: 30094
Ion Ratio Lower Upper
168 100
99 56.3 43.4 65.0

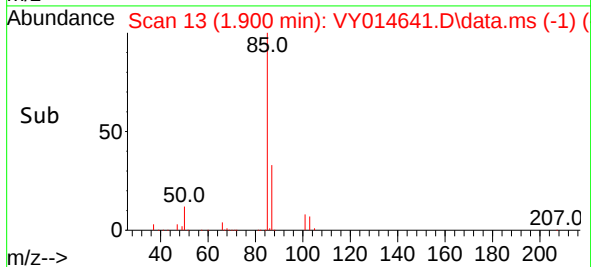
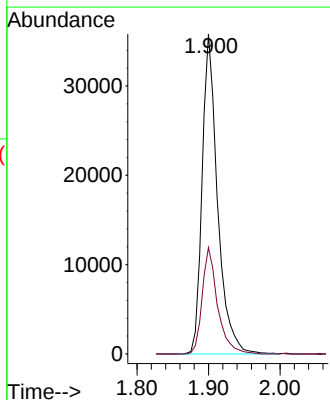
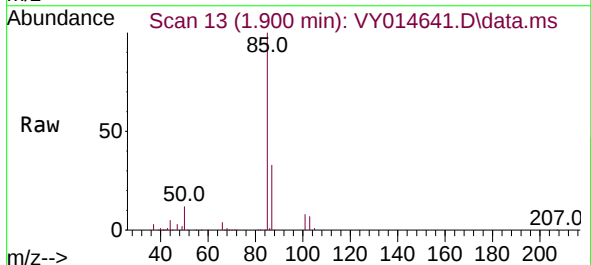
Manual Integrations
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#2
Dichlorodifluoromethane
Concen: 21.872 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

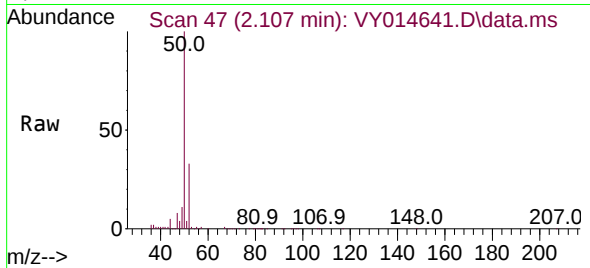
Tgt Ion: 85 Resp: 53626
Ion Ratio Lower Upper
85 100
87 33.3 15.6 46.8





#3
Chloromethane
Concen: 22.902 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

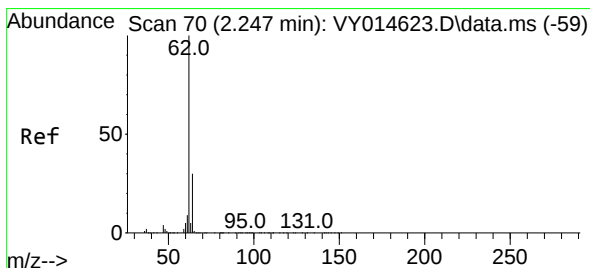
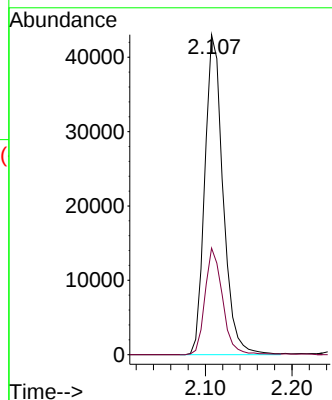
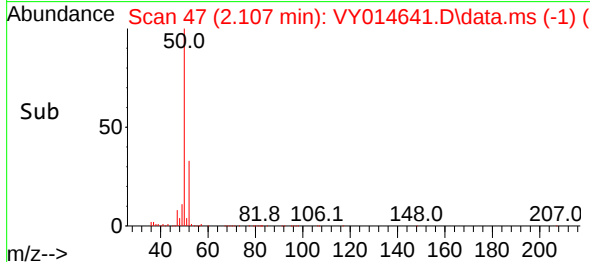
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBSD01



Tgt Ion: 50 Resp: 63120
Ion Ratio Lower Upper
50 100
52 33.3 25.4 38.2

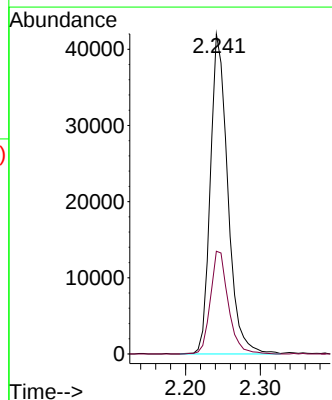
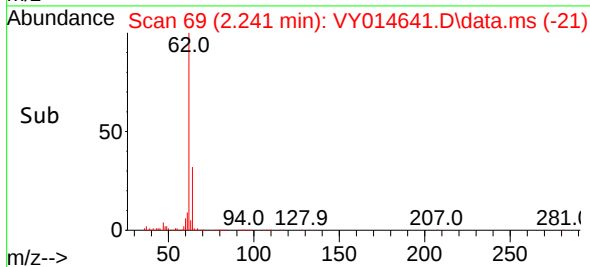
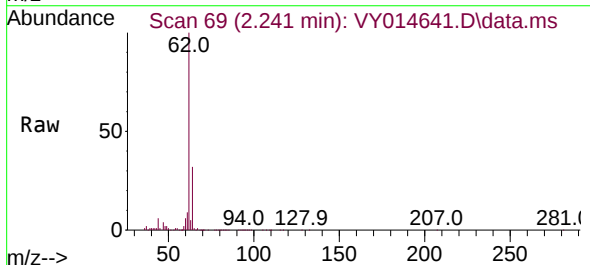
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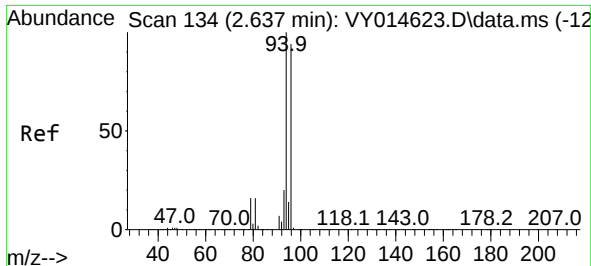
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#4
Vinyl Chloride
Concen: 22.140 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.006 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

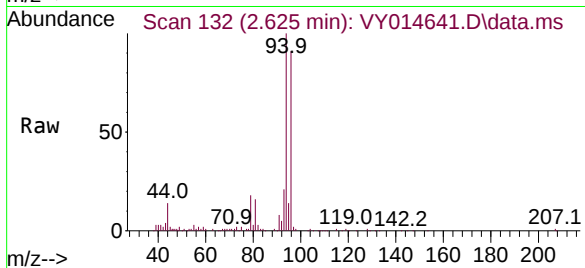
Tgt Ion: 62 Resp: 68194
Ion Ratio Lower Upper
62 100
64 32.1 24.3 36.5





#5
Bromomethane
Concen: 23.150 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

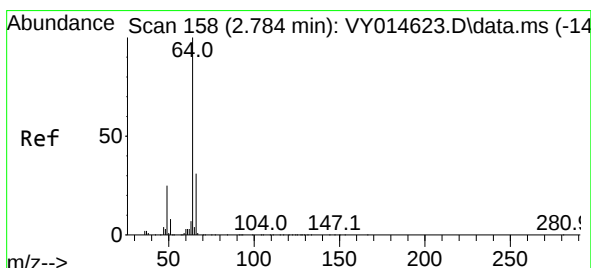
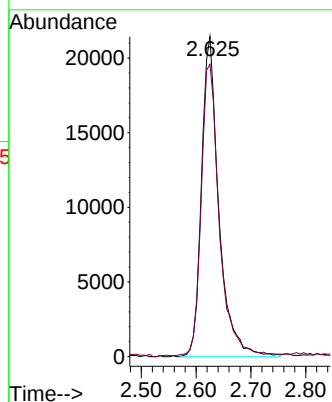
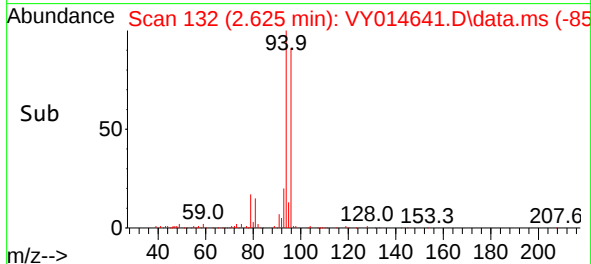
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBSD01



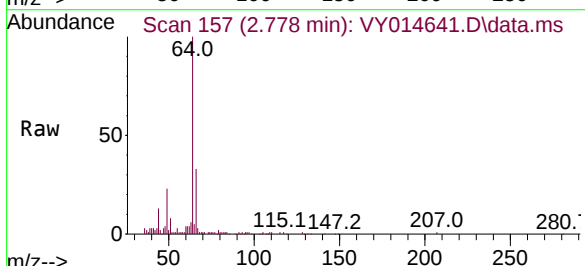
Tgt Ion: 94 Resp: 4712
Ion Ratio Lower Upper
94 100
96 90.8 75.8 113.6

Manual Integrations
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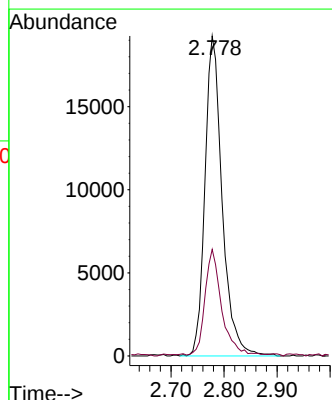
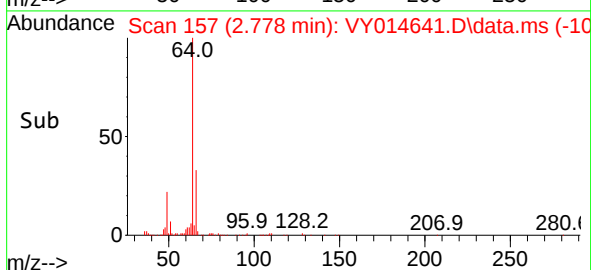
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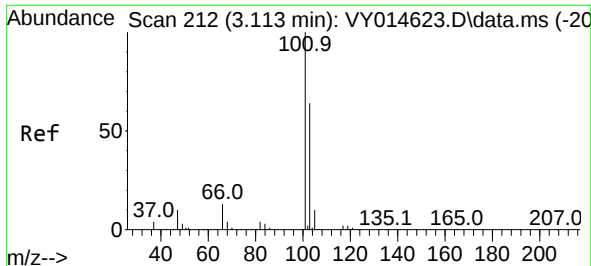


#6
Chloroethane
Concen: 22.576 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41



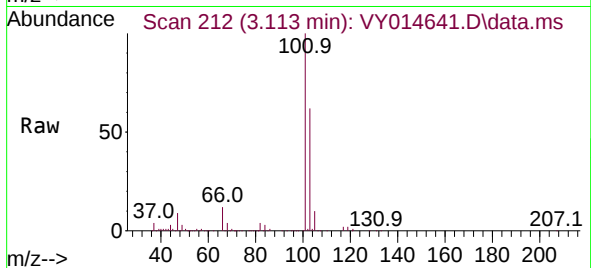
Tgt Ion: 64 Resp: 43436
Ion Ratio Lower Upper
64 100
66 32.9 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 20.238 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. 0.000 min
 Lab File: VY014641.D
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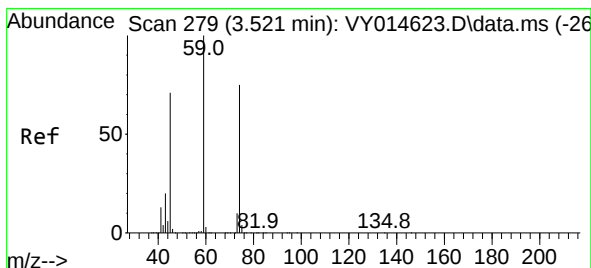
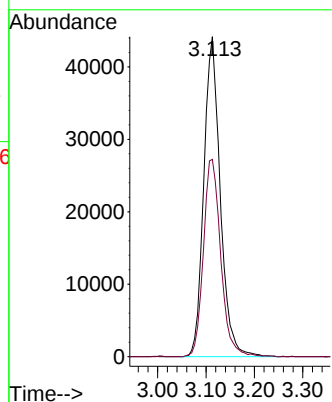
Instrument :
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Tgt Ion:101 Resp: 10469
 Ion Ratio Lower Upper
 101 100
 103 61.7 51.4 77.0

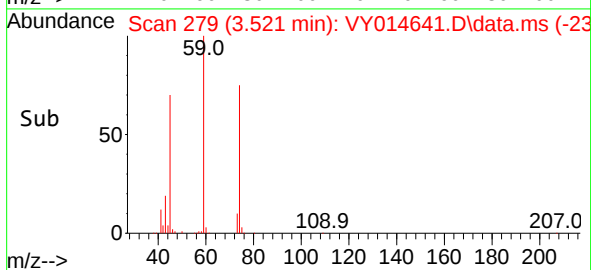
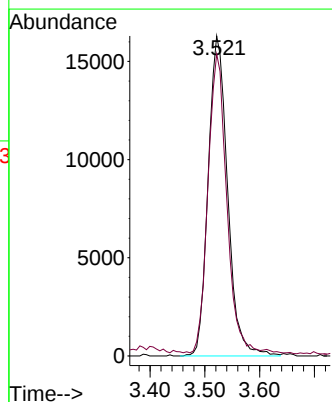
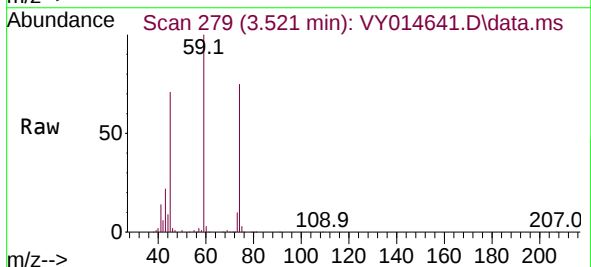
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#8
 Diethyl Ether
 Concen: 20.803 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VY014641.D
 Acq: 14 Jul 2023 12:41

Tgt Ion: 74 Resp: 40042
 Ion Ratio Lower Upper
 74 100
 45 89.4 51.5 154.5





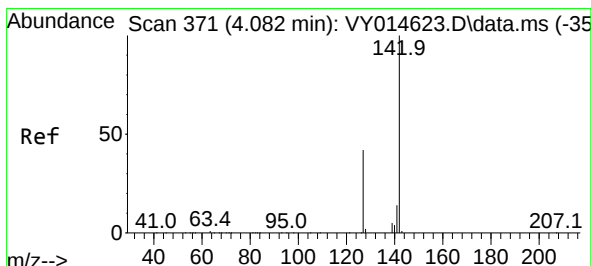
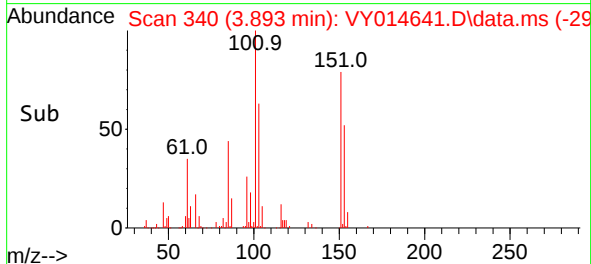
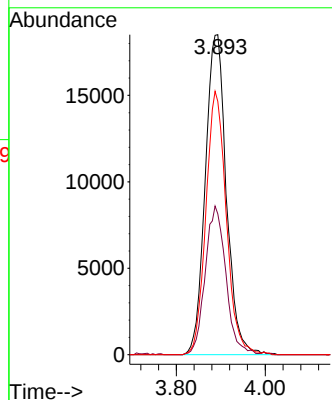
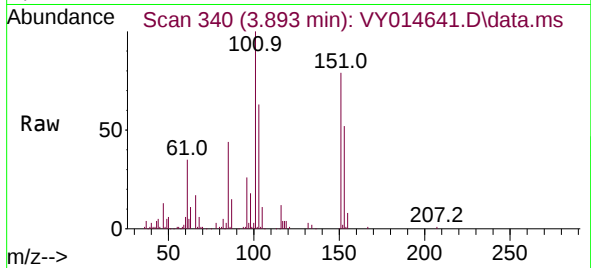
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.315 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY014641.D
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Instrument :
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Tgt Ion:101 Resp: 61245
Ion Ratio Lower Upper
101 100
85 45.4 36.6 55.0
151 79.5 67.0 100.6

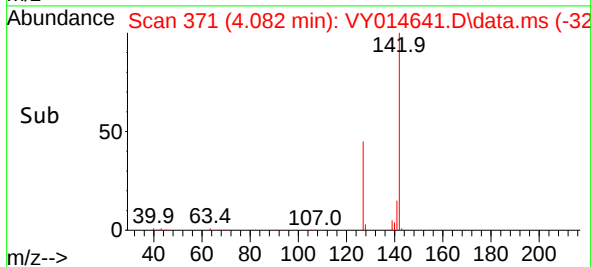
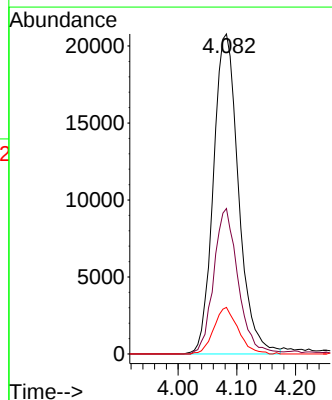
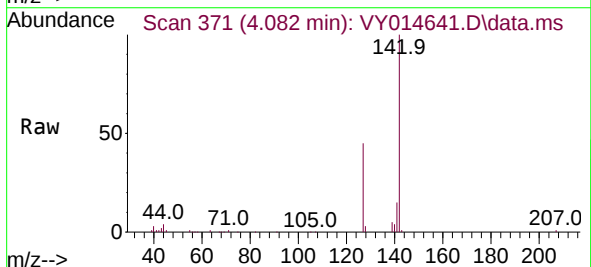
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#10
Methyl Iodide
Concen: 19.894 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

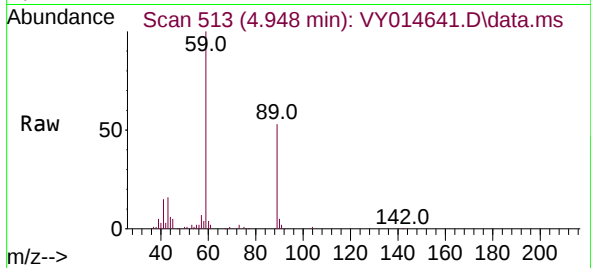
Tgt Ion:142 Resp: 61837
Ion Ratio Lower Upper
142 100
127 44.1 37.6 56.4
141 14.1 11.8 17.8





#11
Tert butyl alcohol
Concen: 127.906 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

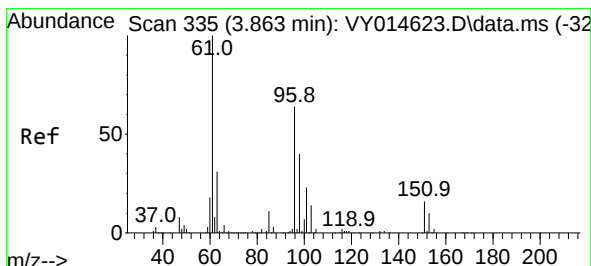
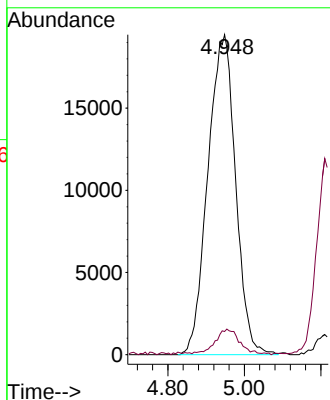
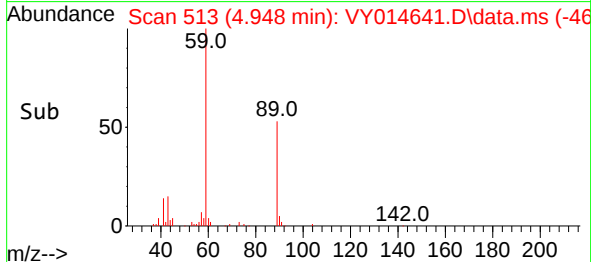
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBSD01



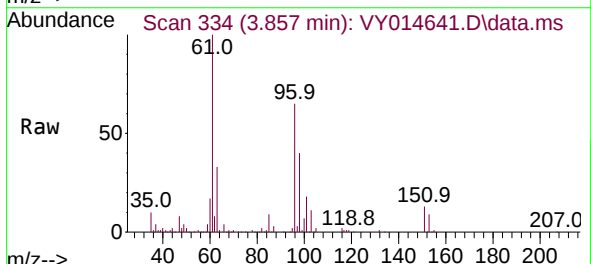
Tgt Ion: 59 Resp: 9797
Ion Ratio Lower Upper
59 100
57 6.4 3.0 4.4

Manual Integrations
APPROVED

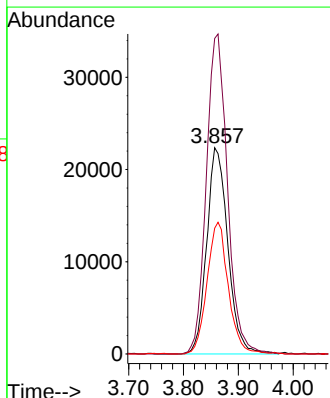
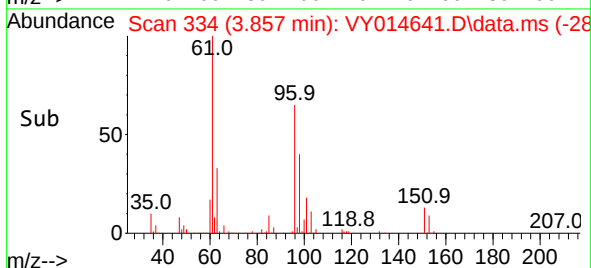
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

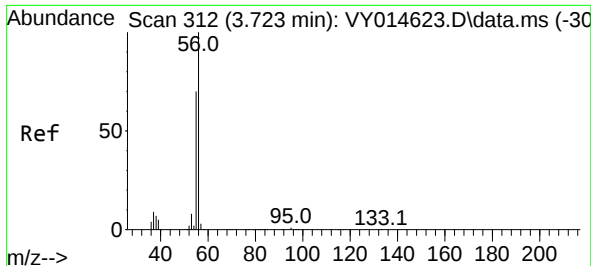


#12
1,1-Dichloroethene
Concen: 20.223 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41



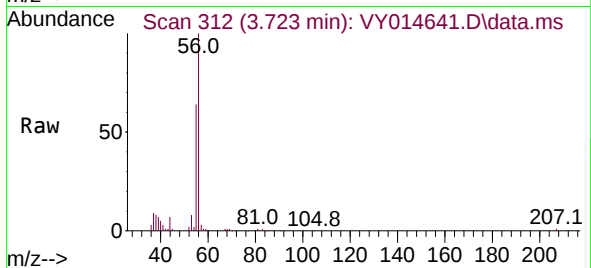
Tgt Ion: 96 Resp: 59931
Ion Ratio Lower Upper
96 100
61 153.0 136.4 204.6
98 61.0 49.4 74.2





#13
Acrolein
Concen: 98.833 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

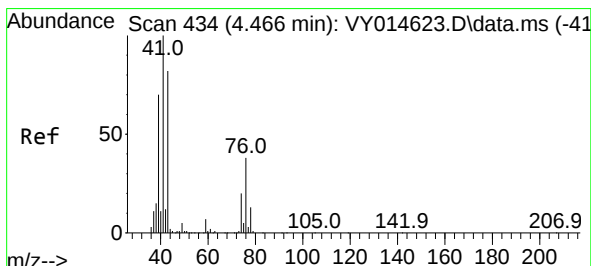
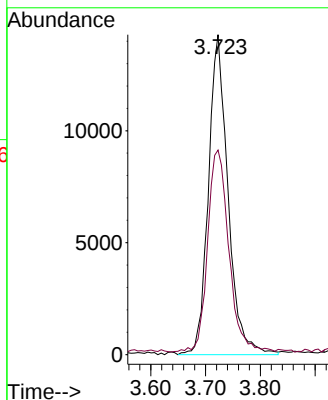
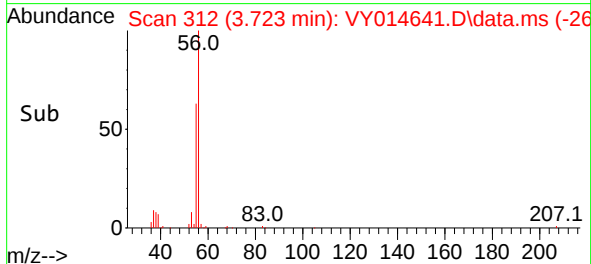
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBSD01



Tgt Ion: 56 Resp: 35425
Ion Ratio Lower Upper
56 100
55 68.2 57.0 85.4

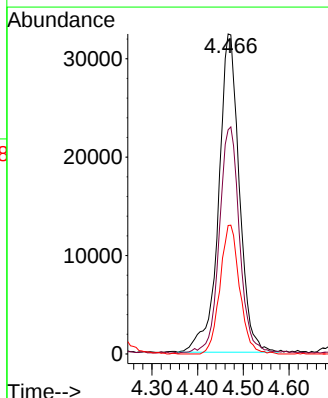
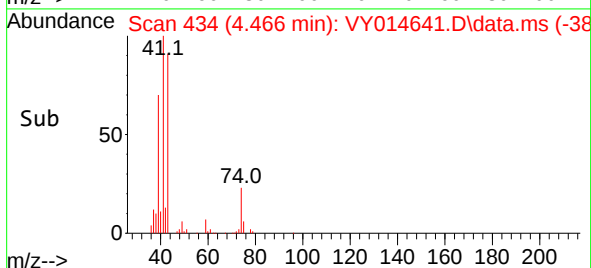
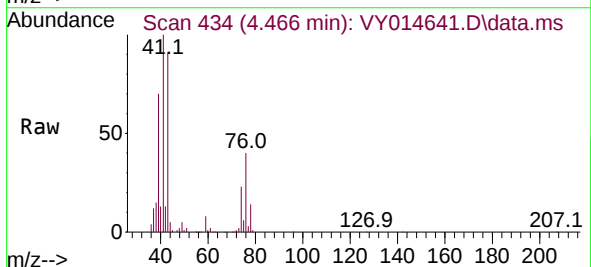
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#14
Allyl chloride
Concen: 19.330 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

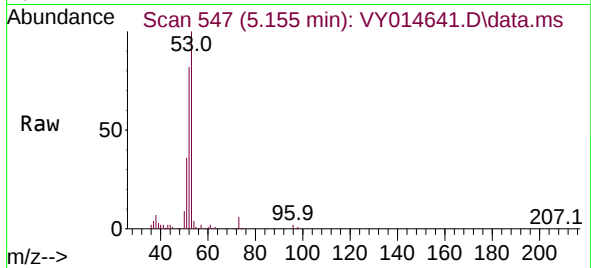
Tgt Ion: 41 Resp: 101712
Ion Ratio Lower Upper
41 100
39 69.7 58.0 87.0
76 38.5 27.4 41.2





#15
Acrylonitrile
Concen: 105.785 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

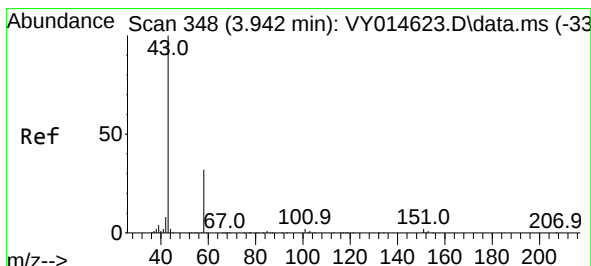
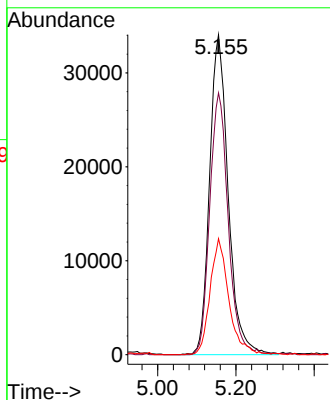
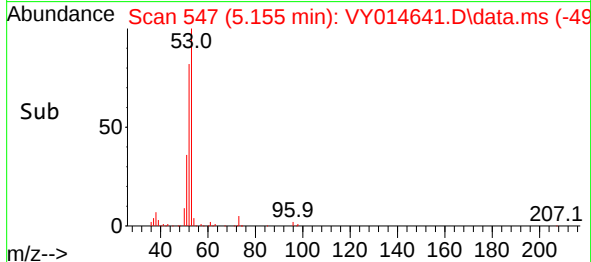
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBSD01



Tgt Ion: 53 Resp: 112280
Ion Ratio Lower Upper
53 100
52 81.4 66.9 100.3
51 36.6 29.8 44.6

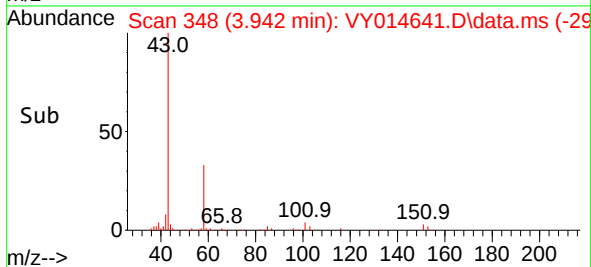
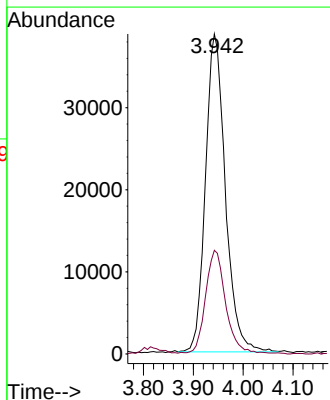
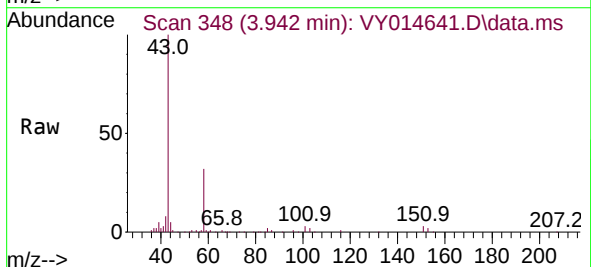
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#16
Acetone
Concen: 98.722 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

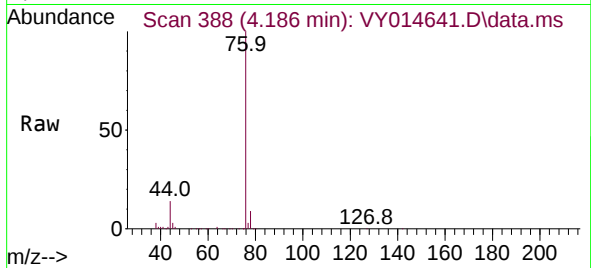
Tgt Ion: 43 Resp: 107283
Ion Ratio Lower Upper
43 100
58 32.3 22.7 34.1





#17
Carbon Disulfide
Concen: 20.445 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

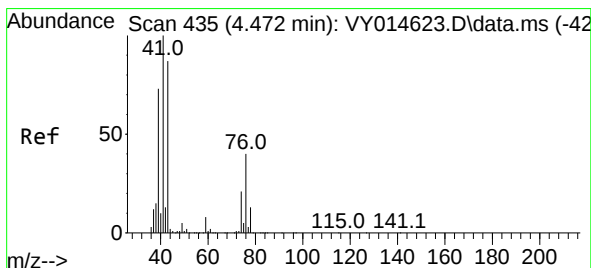
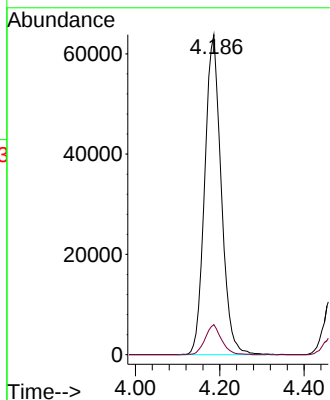
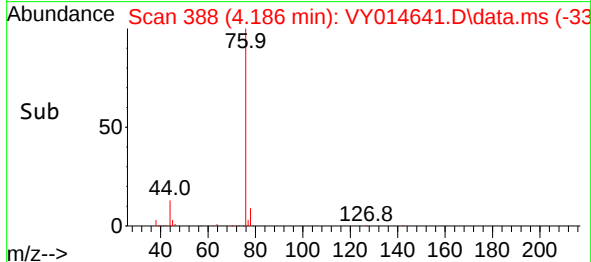
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01



Tgt Ion: 76 Resp: 17346
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4

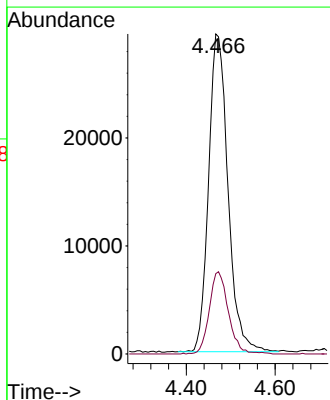
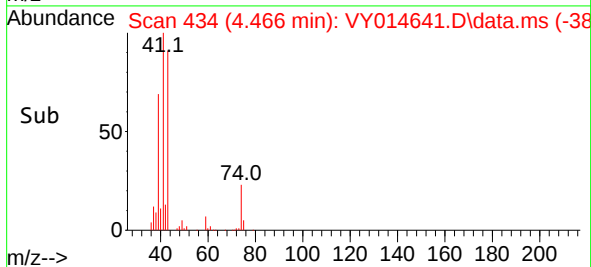
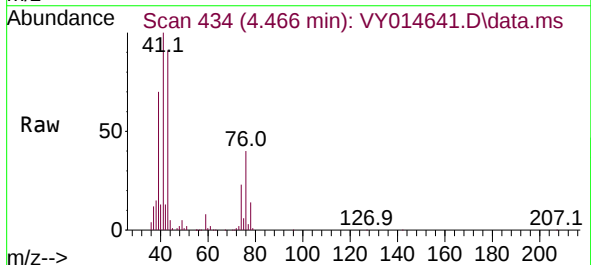
Manual Integrations
APPROVED

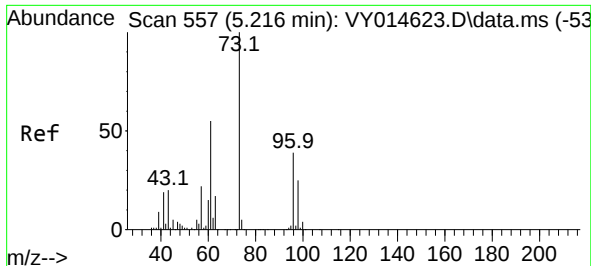
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#18
Methyl Acetate
Concen: 21.340 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

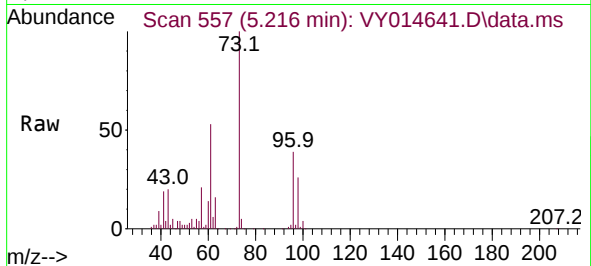
Tgt Ion: 43 Resp: 88994
Ion Ratio Lower Upper
43 100
74 25.6 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 20.675 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

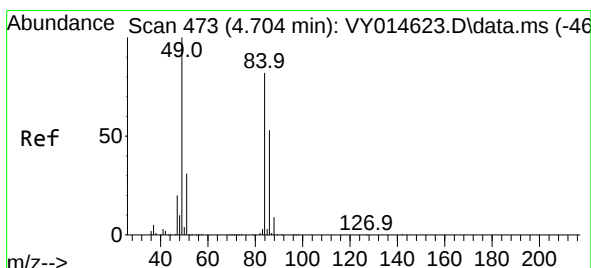
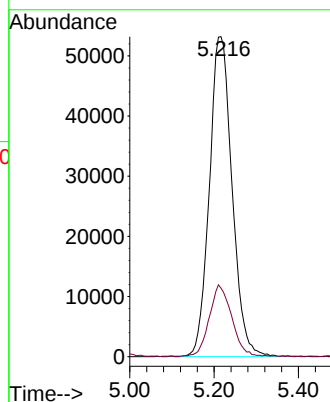
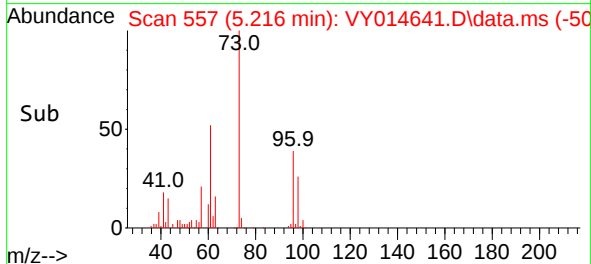
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBSD01



Tgt Ion: 73 Resp: 19902
Ion Ratio Lower Upper
73 100
57 21.3 17.3 25.9

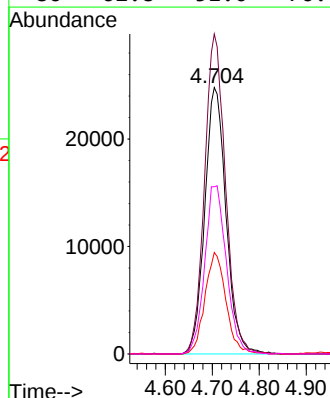
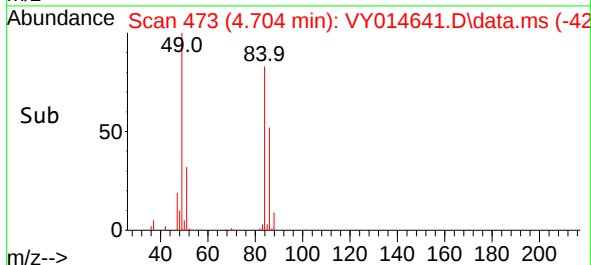
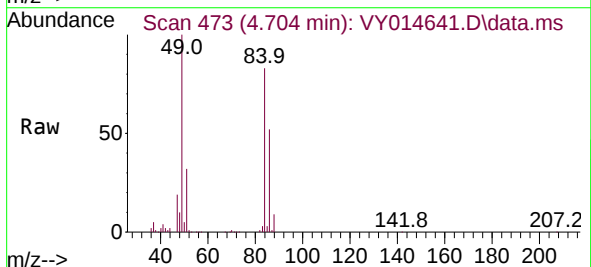
Manual Integrations
APPROVED

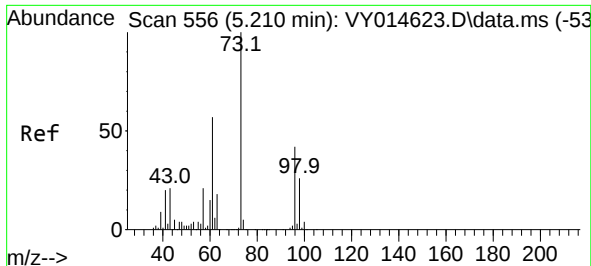
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#20
Methylene Chloride
Concen: 19.532 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

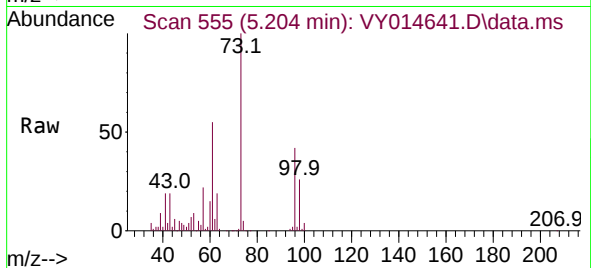
Tgt Ion: 84 Resp: 78038
Ion Ratio Lower Upper
84 100
49 120.1 106.9 160.3
51 38.1 33.2 49.8
86 62.8 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 20.068 ug/l
RT: 5.204 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

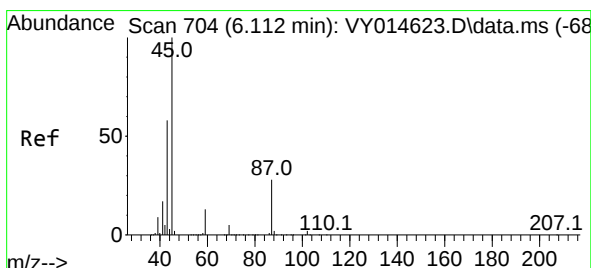
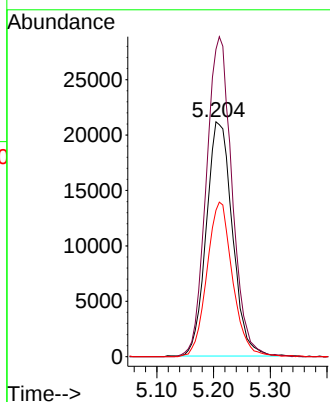
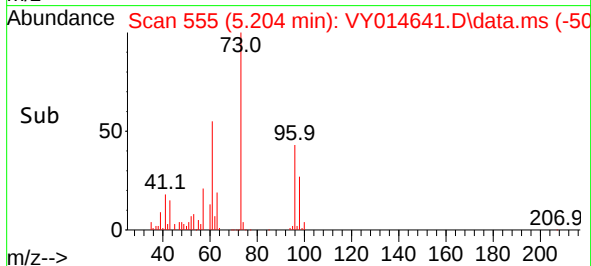
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBSD01



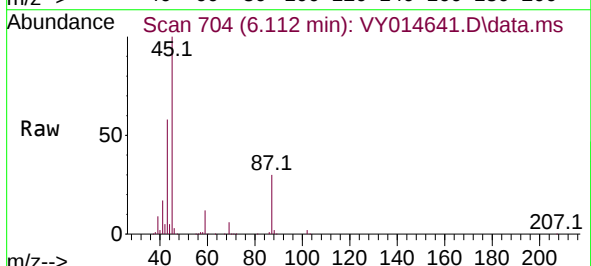
Tgt Ion: 96 Resp: 67490
Ion Ratio Lower Upper
96 100
61 130.9 110.2 165.4
98 62.6 51.8 77.6

Manual Integrations
APPROVED

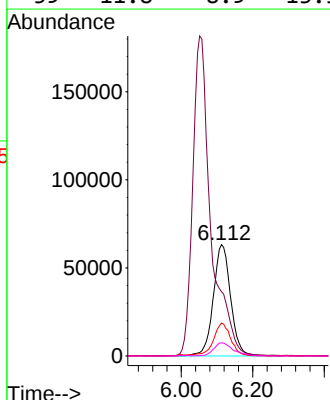
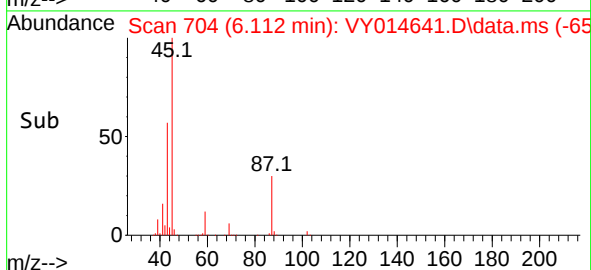
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

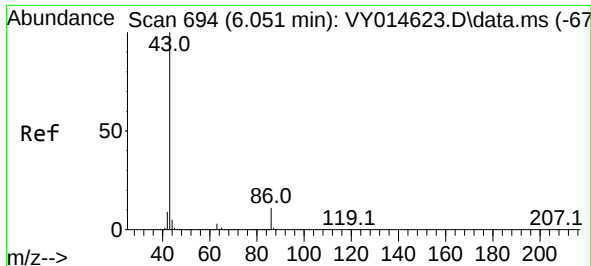


#22
Diisopropyl ether
Concen: 19.874 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41



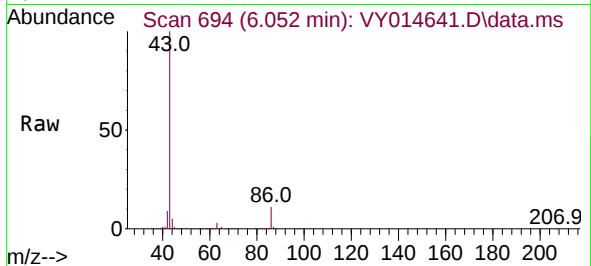
Tgt Ion: 45 Resp: 212606
Ion Ratio Lower Upper
45 100
43 57.0 52.2 78.4
87 29.6 21.0 31.6
59 11.8 8.9 13.3





#23
 Vinyl Acetate
 Concen: 99.942 ug/l
 RT: 6.052 min Scan# 61
 Delta R.T. 0.001 min
 Lab File: VY014641.D
 Acq: 14 Jul 2023 12:41

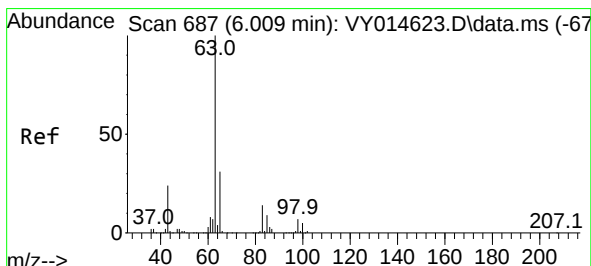
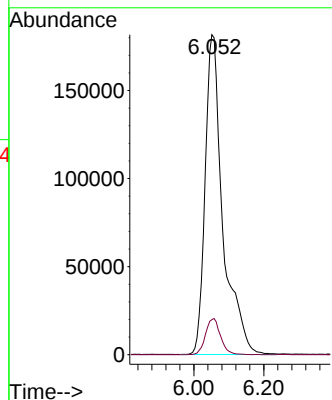
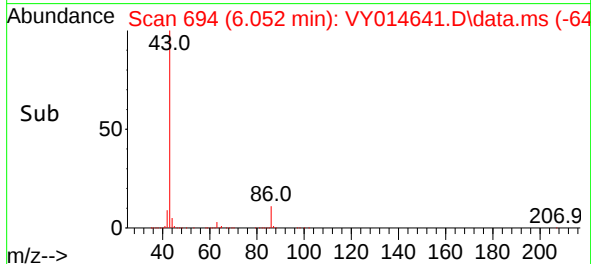
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0714SBS01



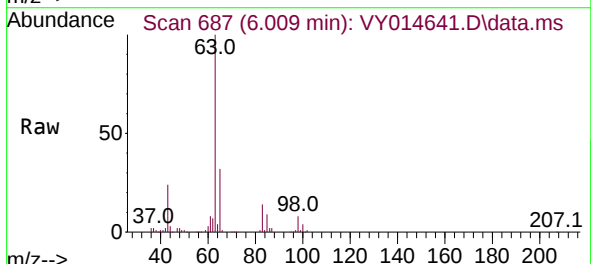
Tgt Ion: 43 Resp: 63981
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.5 11.3

Manual Integrations
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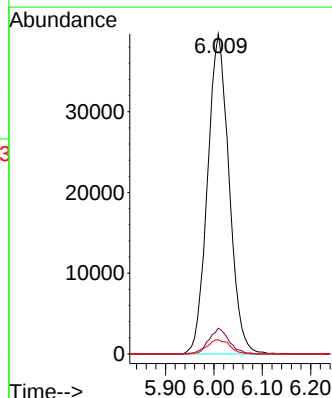
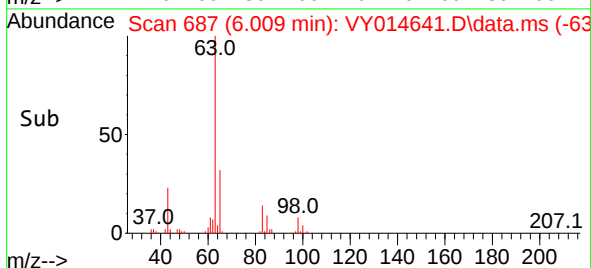
Reviewed By :John Carlone 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023



#24
 1,1-Dichloroethane
 Concen: 20.019 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY014641.D
 Acq: 14 Jul 2023 12:41



Tgt Ion: 63 Resp: 122539
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.1 9.4
 100 4.4 1.8 5.5





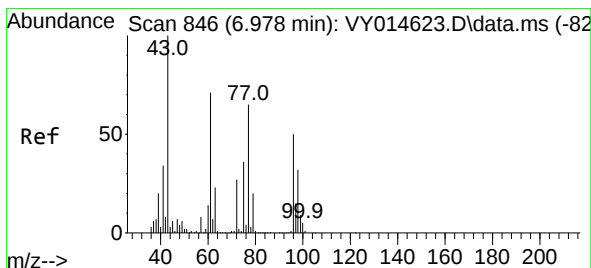
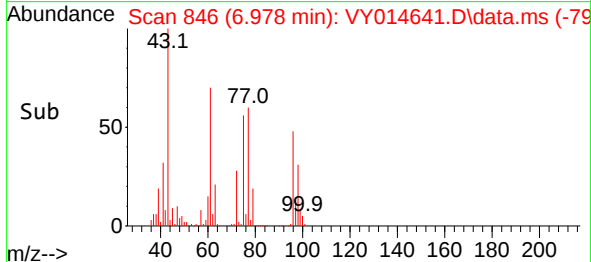
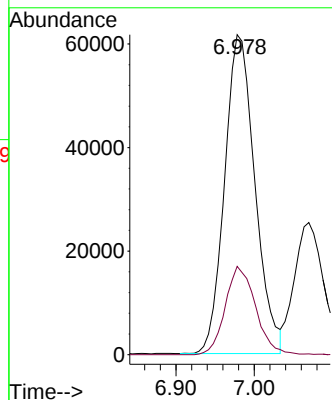
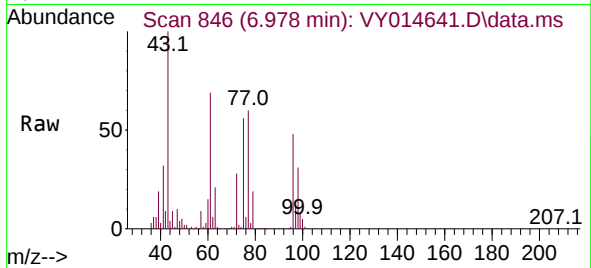
#25
2-Butanone
Concen: 104.358 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBSD01

Tgt Ion: 43 Resp: 165915
Ion Ratio Lower Upper
43 100
72 27.7 20.5 30.7

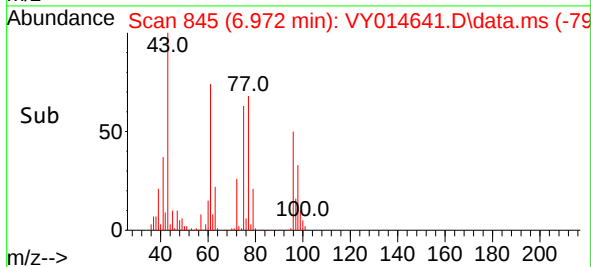
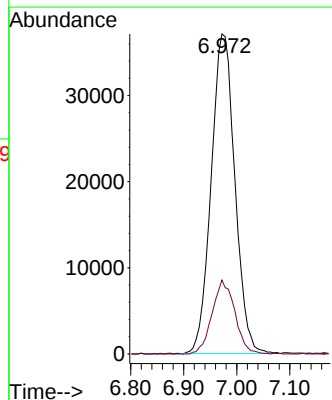
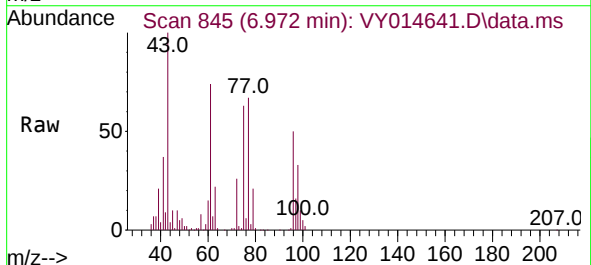
Manual Integrations
APPROVED

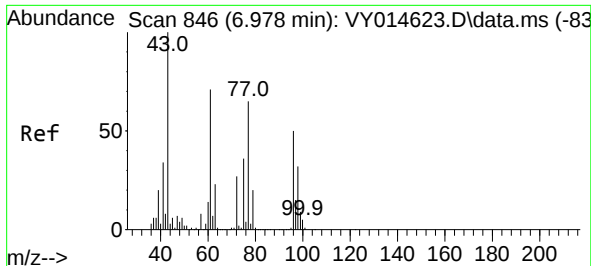
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#26
2,2-Dichloropropane
Concen: 19.737 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

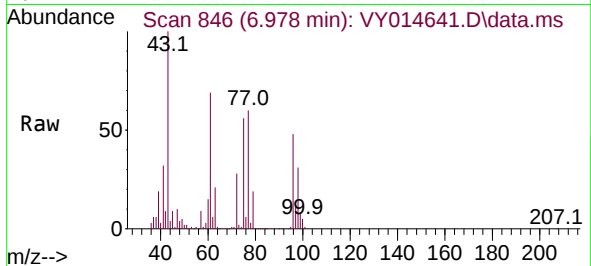
Tgt Ion: 77 Resp: 115140
Ion Ratio Lower Upper
77 100
97 22.2 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 20.665 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY014641.D
 Acq: 14 Jul 2023 12:41

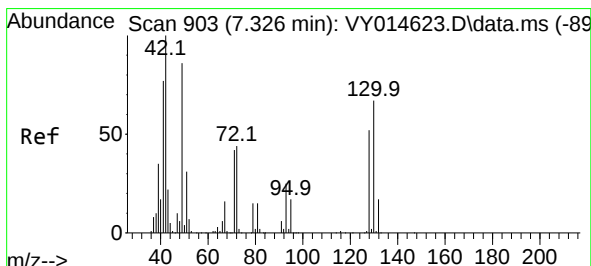
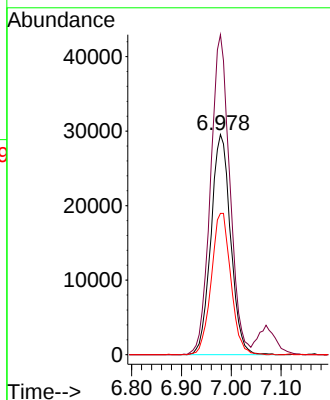
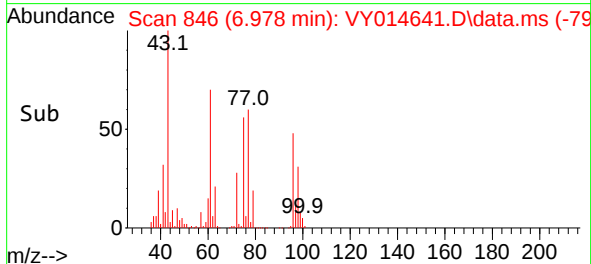
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0714SBSD01



Tgt Ion: 96 Resp: 80890
 Ion Ratio Lower Upper
 96 100
 61 142.6 0.0 301.4
 98 63.9 0.0 130.4

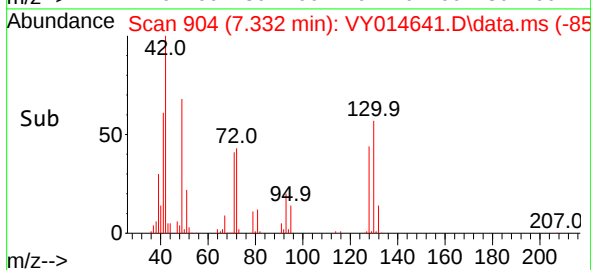
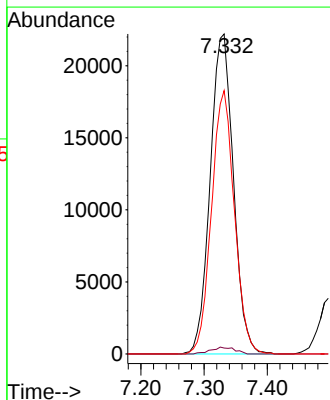
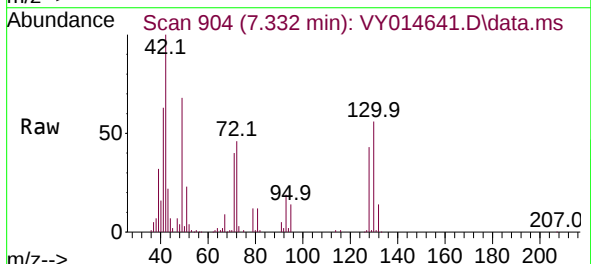
Manual Integrations
 APPROVED

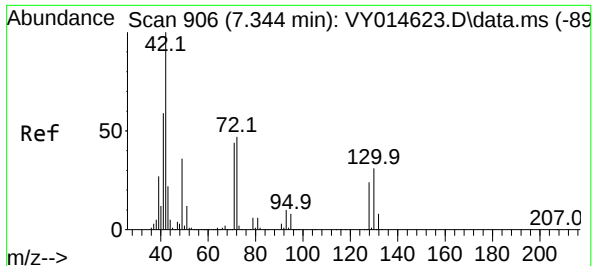
Reviewed By :John Carlone 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023



#28
 Bromochloromethane
 Concen: 21.458 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.006 min
 Lab File: VY014641.D
 Acq: 14 Jul 2023 12:41

Tgt Ion: 49 Resp: 56568
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 81.0 60.7 91.1





#29

Tetrahydrofuran

Concen: 107.442 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY014641.D

Acq: 14 Jul 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBSD01

Tgt Ion: 42 Resp: 10518

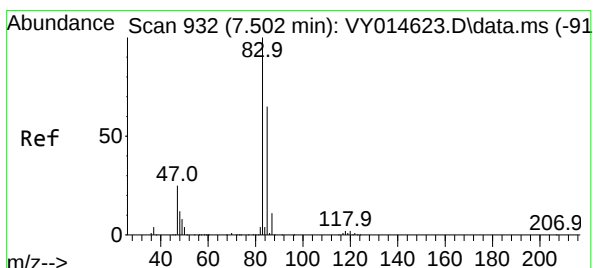
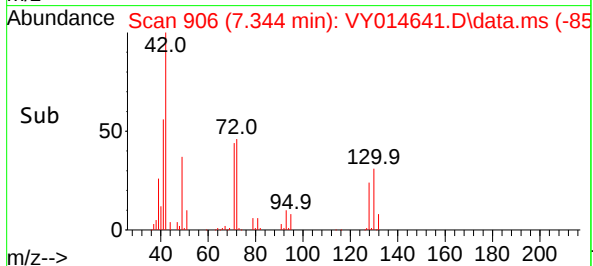
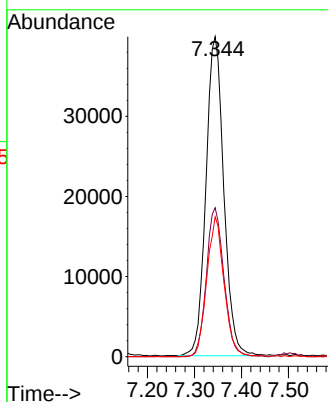
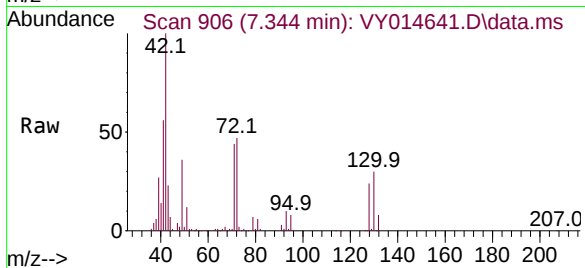
Ion	Ratio	Lower	Upper
42	100		
72	45.9	32.8	49.2
71	42.2	31.0	46.4

Manual Integrations

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Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#30

Chloroform

Concen: 20.075 ug/l

RT: 7.502 min Scan# 932

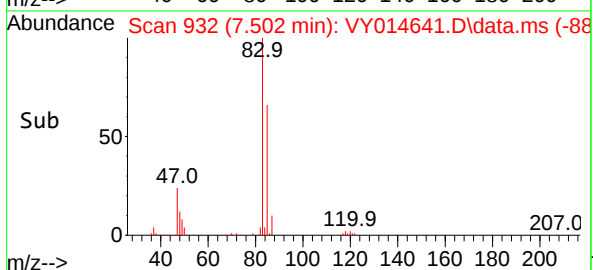
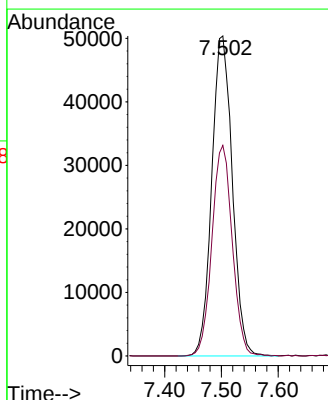
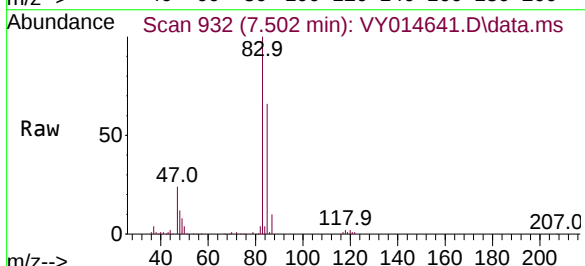
Delta R.T. 0.000 min

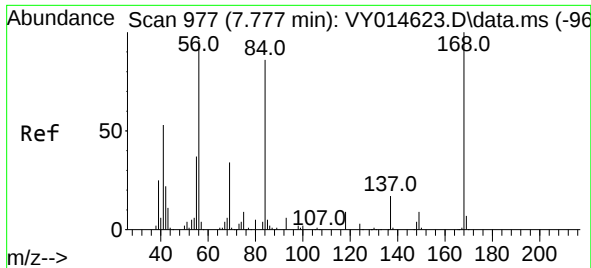
Lab File: VY014641.D

Acq: 14 Jul 2023 12:41

Tgt Ion: 83 Resp: 126719

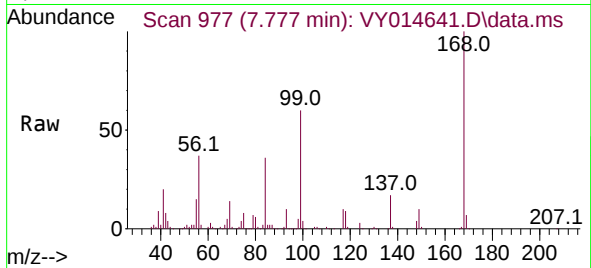
Ion	Ratio	Lower	Upper
83	100		
85	65.8	49.7	74.5





#31
Cyclohexane
Concen: 18.860 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

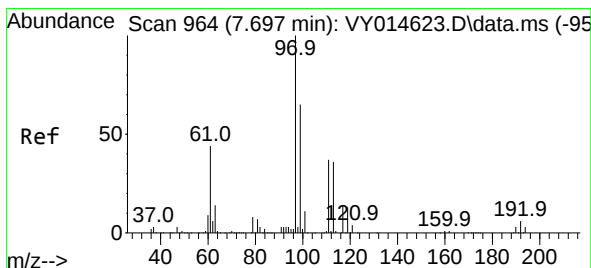
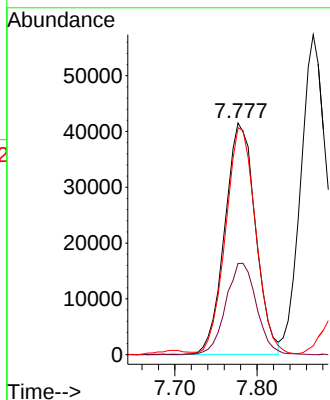
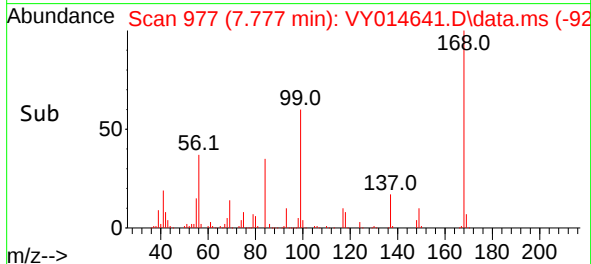
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBSD01



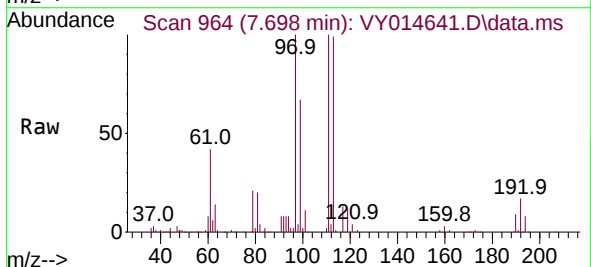
Tgt Ion: 56 Resp: 107364
Ion Ratio Lower Upper
56 100
69 39.4 27.8 41.6
84 96.3 66.4 99.6

Manual Integrations
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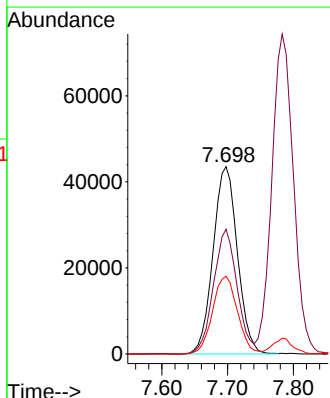
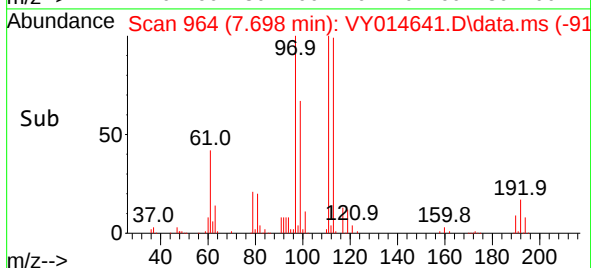
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

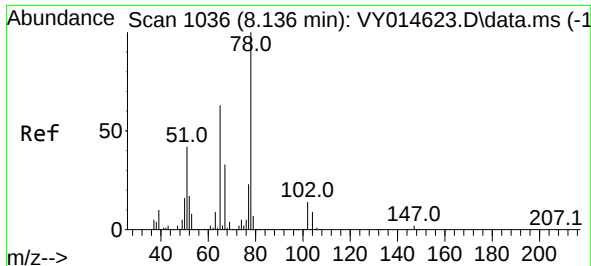


#32
1,1,1-Trichloroethane
Concen: 19.720 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.001 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41



Tgt Ion: 97 Resp: 112031
Ion Ratio Lower Upper
97 100
99 64.6 50.8 76.2
61 42.5 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 50.449 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY014641.D

Acq: 14 Jul 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

Tgt Ion: 65 Resp: 173000

Ion Ratio Lower Upper

65 100

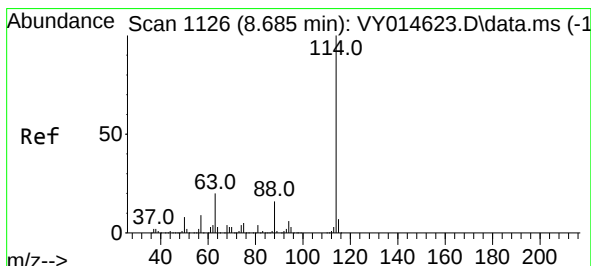
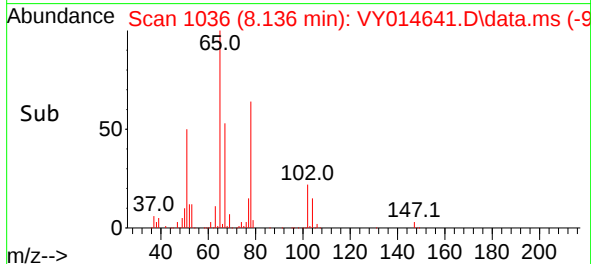
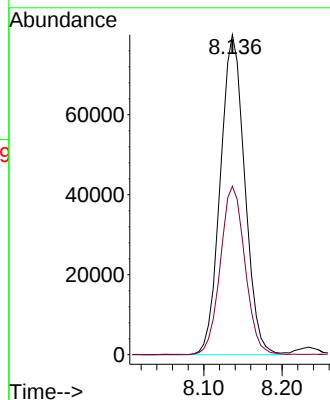
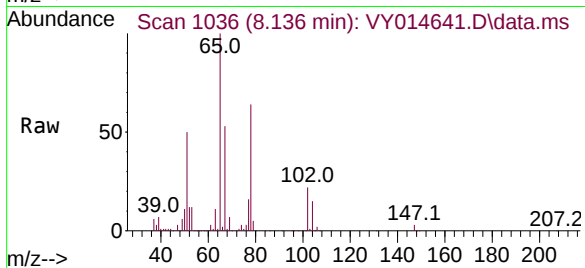
67 53.1 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014641.D

Acq: 14 Jul 2023 12:41

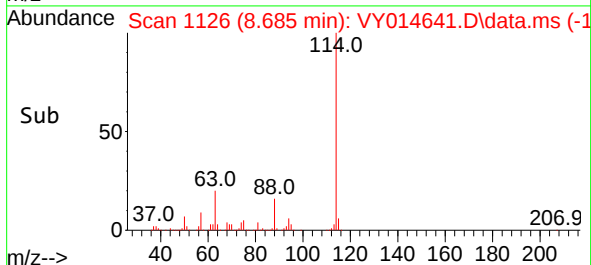
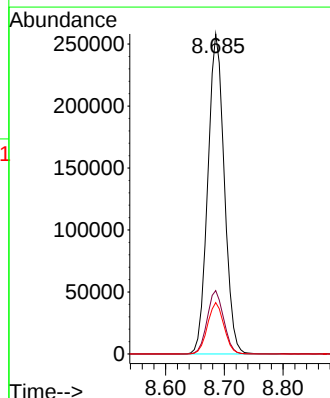
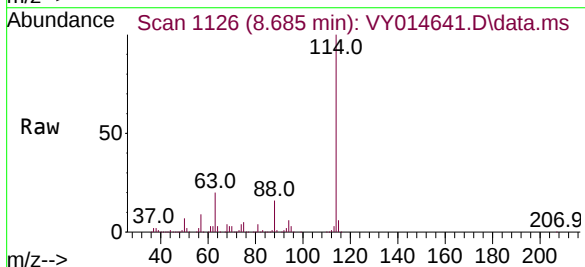
Tgt Ion:114 Resp: 502206

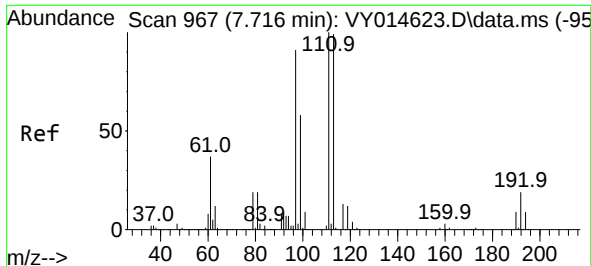
Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

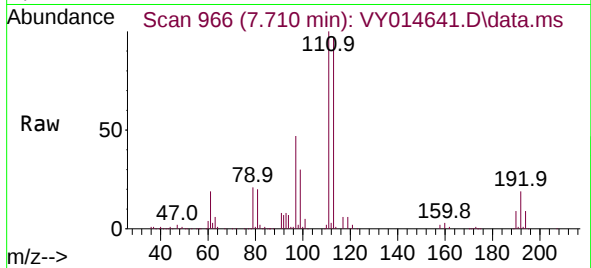
88 16.1 0.0 30.6





#35
Dibromofluoromethane
Concen: 50.299 ug/l
RT: 7.710 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

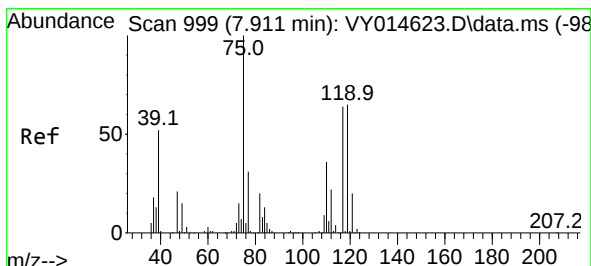
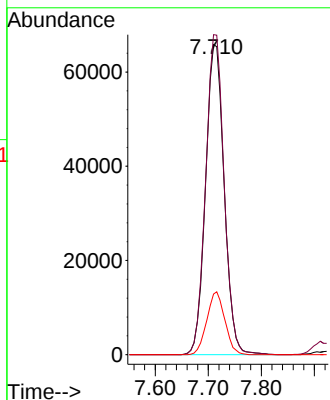
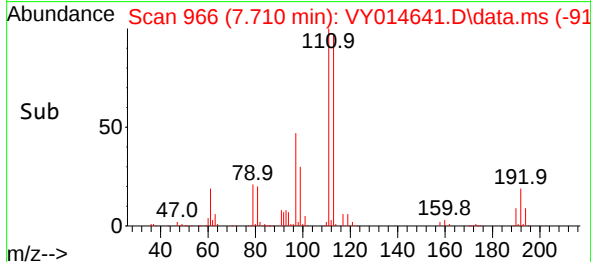
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01



Tgt Ion: 113 Resp: 16080
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 19.6 16.9 25.3

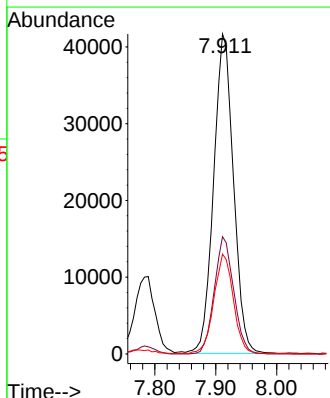
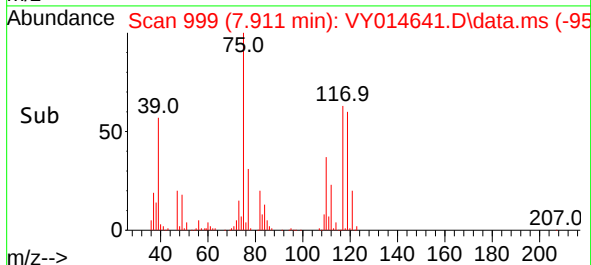
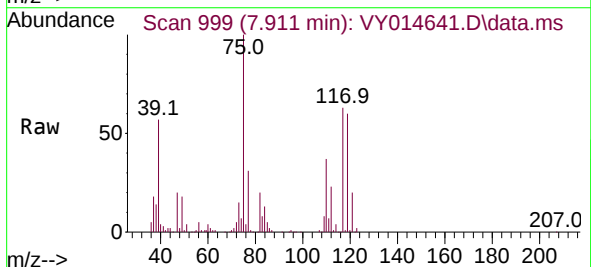
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#36
1,1-Dichloropropene
Concen: 19.771 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

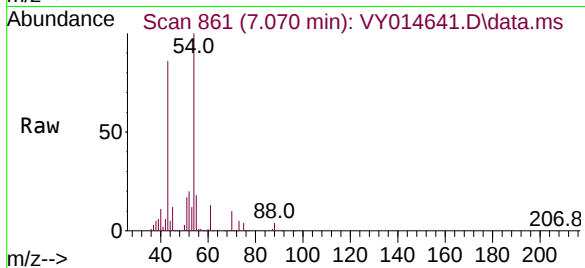
Tgt Ion: 75 Resp: 94525
Ion Ratio Lower Upper
75 100
110 35.7 17.8 53.5
77 30.2 24.4 36.6





#37
Ethyl Acetate
Concen: 20.801 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

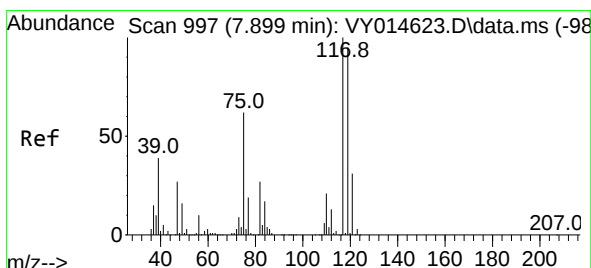
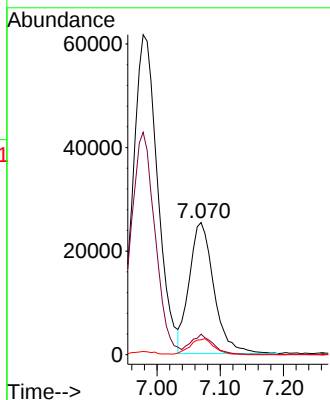
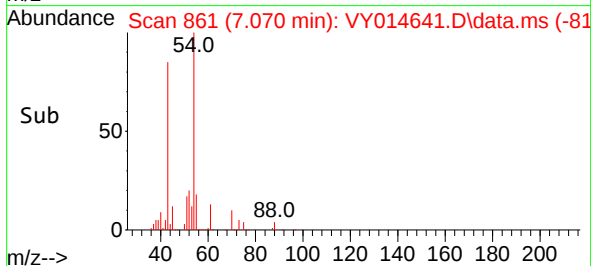
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBSD01



Tgt Ion: 43 Resp: 68469
Ion Ratio Lower Upper
43 100
61 14.1 10.1 15.1
70 11.4 7.1 10.7

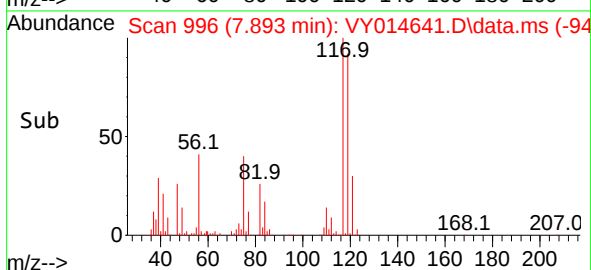
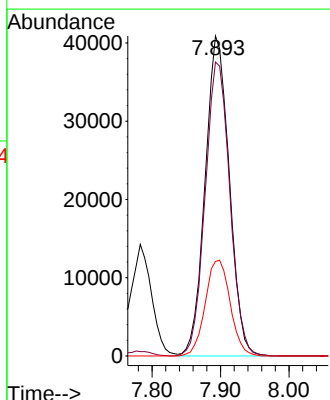
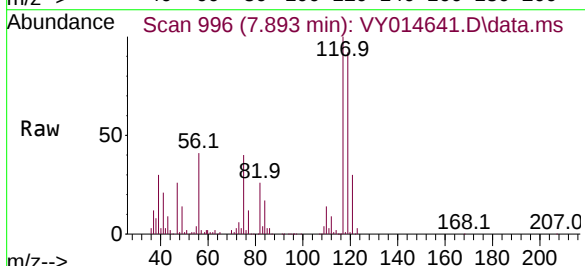
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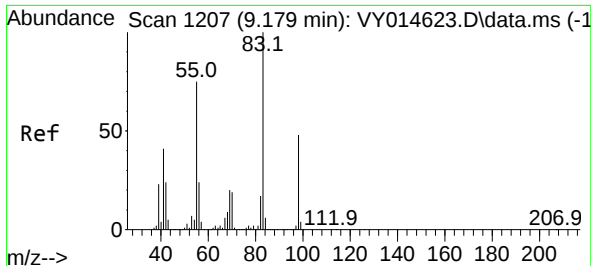
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#38
Carbon Tetrachloride
Concen: 19.848 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

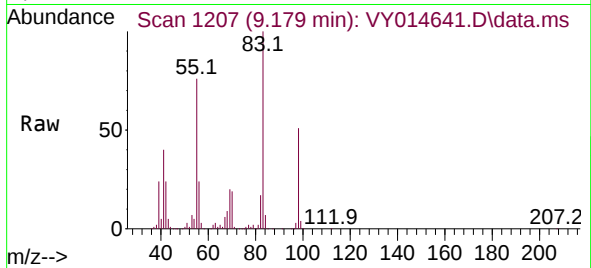
Tgt Ion:117 Resp: 100310
Ion Ratio Lower Upper
117 100
119 91.8 76.4 114.6
121 29.5 25.8 38.6





#39
Methylcyclohexane
Concen: 19.216 ug/l
RT: 9.179 min Scan# 11968
Delta R.T. 0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

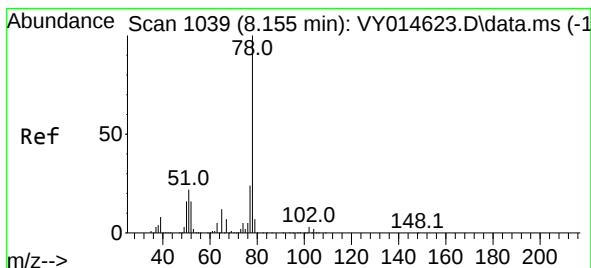
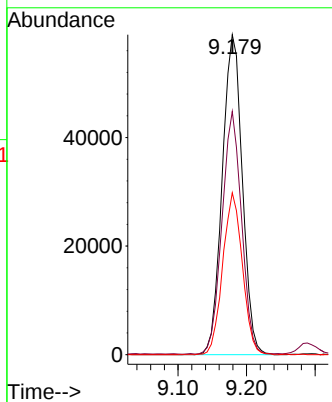
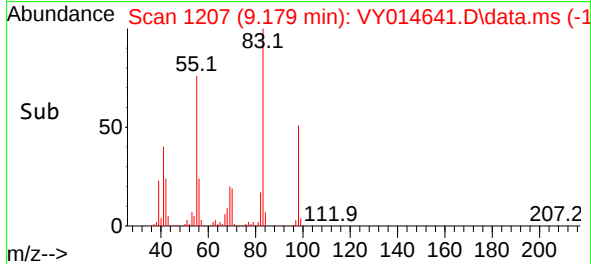
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBSD01



Tgt Ion: 83 Resp: 11968
Ion Ratio Lower Upper
83 100
55 75.8 63.0 94.4
98 50.6 37.4 56.2

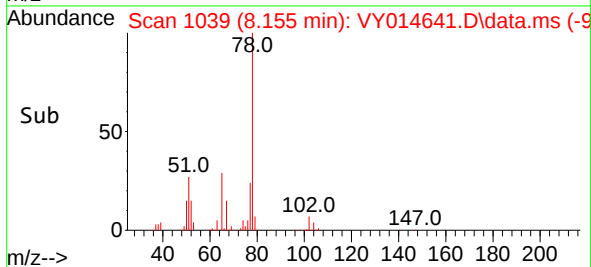
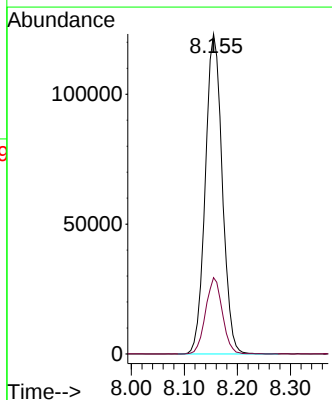
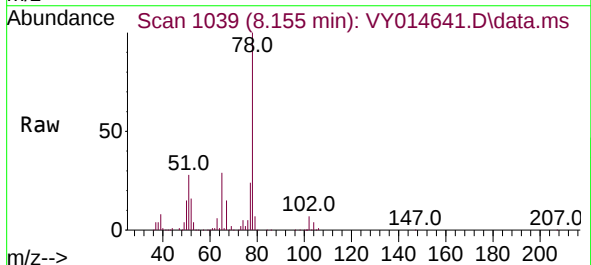
Manual Integrations
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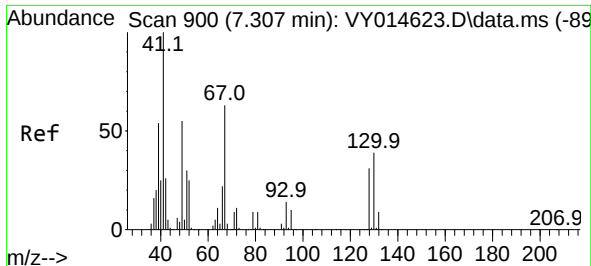
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#40
Benzene
Concen: 20.091 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

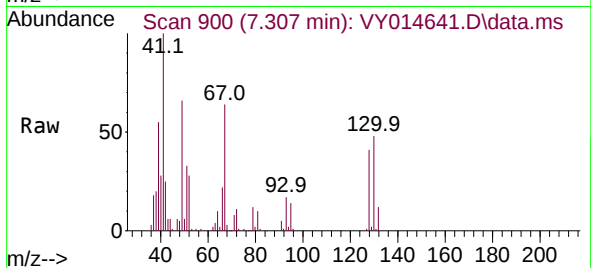
Tgt Ion: 78 Resp: 273184
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6





#41
Methacrylonitrile
Concen: 19.586 ug/l m
RT: 7.307 min Scan# 900
Delta R.T. 0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

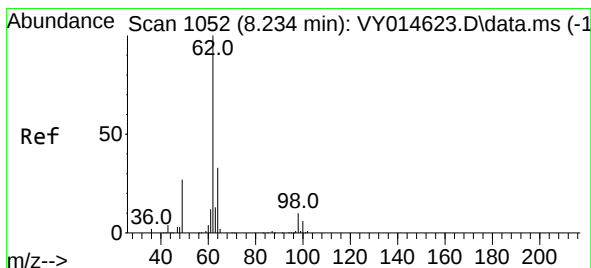
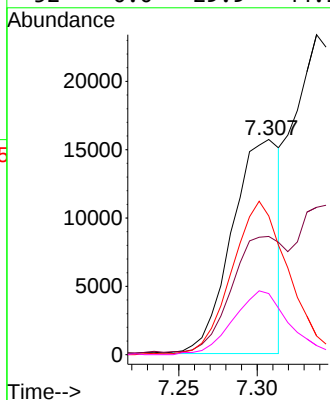
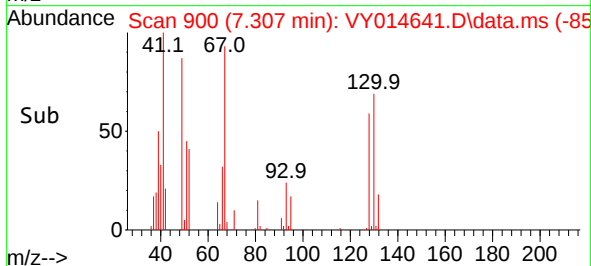
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBSD01



Tgt Ion: 41 Resp: 3316
Ion Ratio Lower Upper
41 100
39 77.5 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

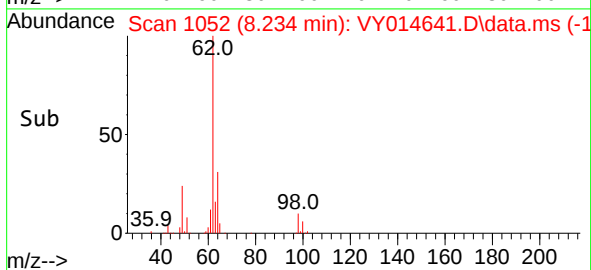
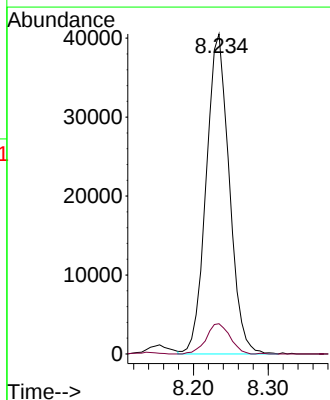
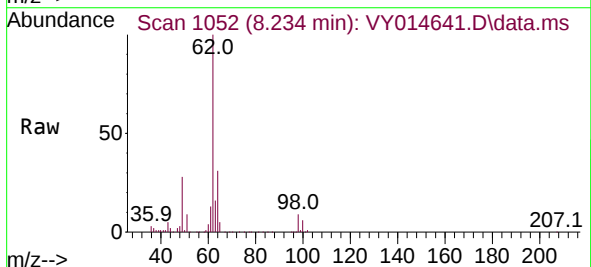
Manual Integrations
APPROVED

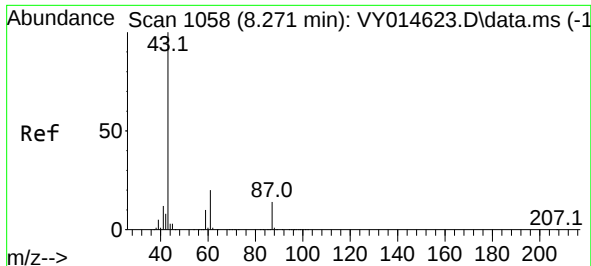
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#42
1,2-Dichloroethane
Concen: 20.165 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

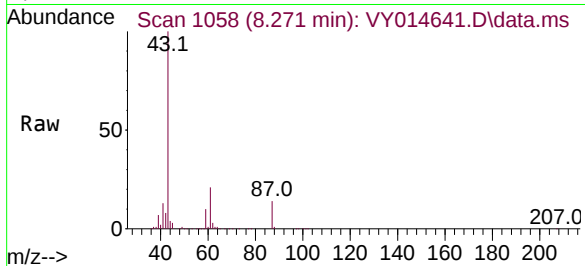
Tgt Ion: 62 Resp: 86827
Ion Ratio Lower Upper
62 100
98 9.8 0.0 15.8





#43
Isopropyl Acetate
Concen: 20.286 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

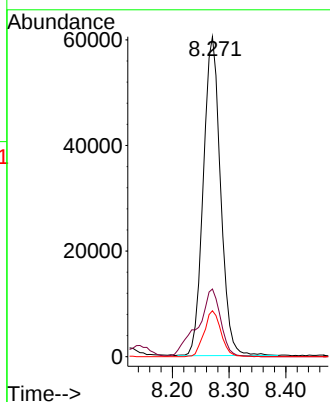
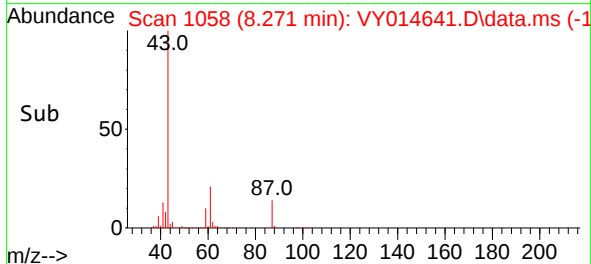
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBSD01



Tgt Ion: 43 Resp: 127198
Ion Ratio Lower Upper
43 100
61 28.4 21.1 31.7
87 14.2 9.8 14.8

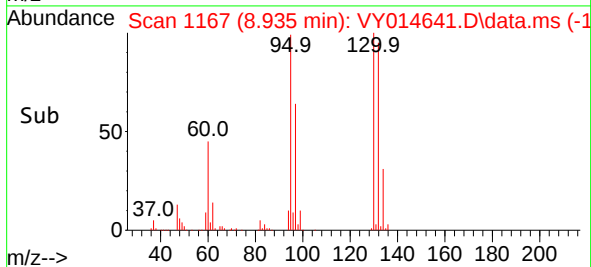
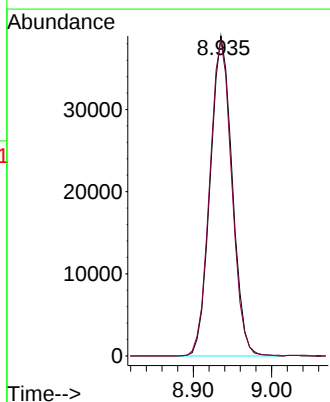
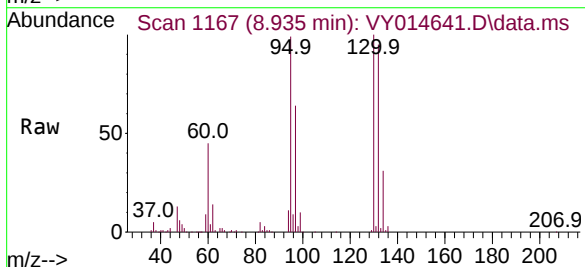
Manual Integrations
APPROVED

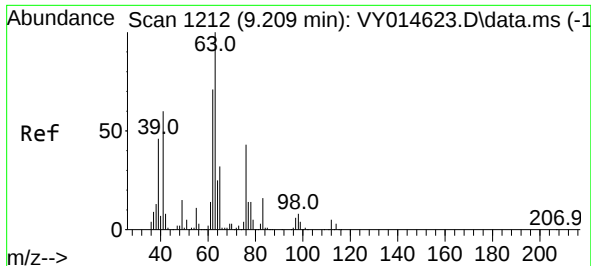
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#44
Trichloroethene
Concen: 19.917 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

Tgt Ion:130 Resp: 75773
Ion Ratio Lower Upper
130 100
95 98.6 0.0 196.0





#45

1,2-Dichloropropane

Concen: 19.642 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY014641.D

Acq: 14 Jul 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

Tgt Ion: 63 Resp: 69740

Ion Ratio Lower Upper

63 100

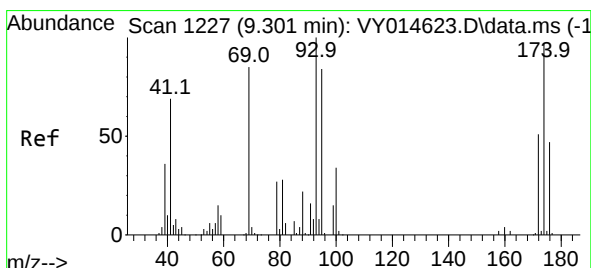
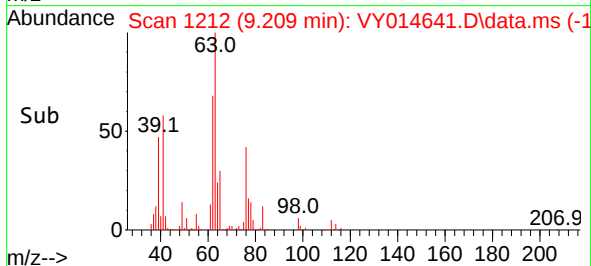
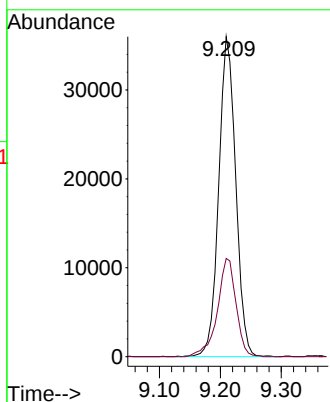
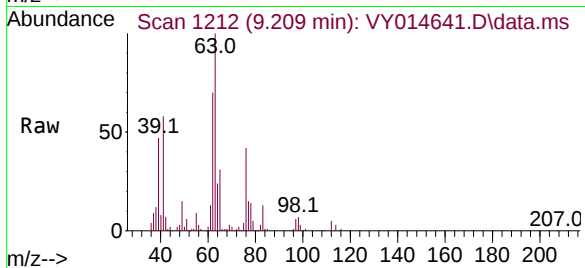
65 30.7 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#46

Dibromomethane

Concen: 20.226 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY014641.D

Acq: 14 Jul 2023 12:41

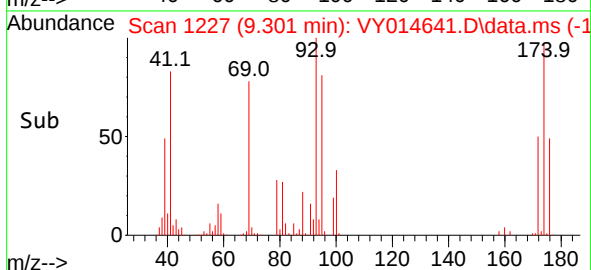
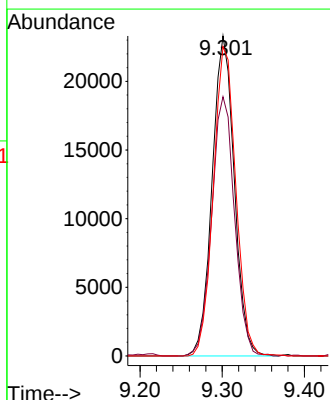
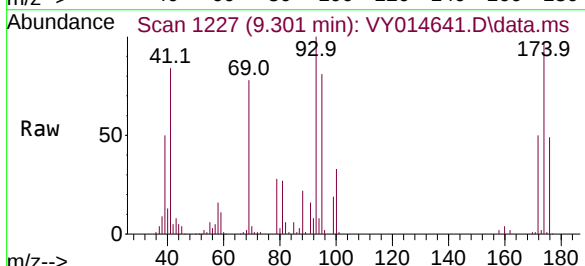
Tgt Ion: 93 Resp: 43565

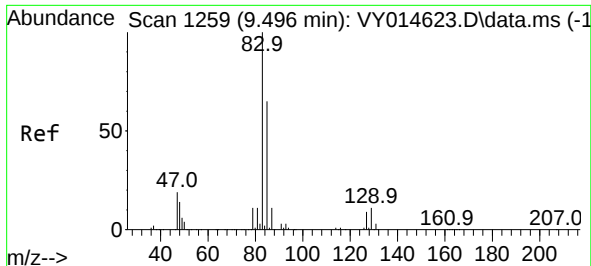
Ion Ratio Lower Upper

93 100

95 83.5 66.6 100.0

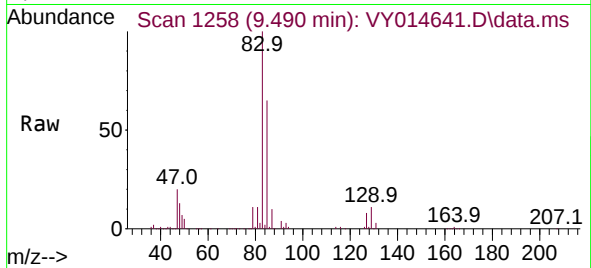
174 98.3 84.8 127.2





#47
Bromodichloromethane
Concen: 19.738 ug/l
RT: 9.490 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

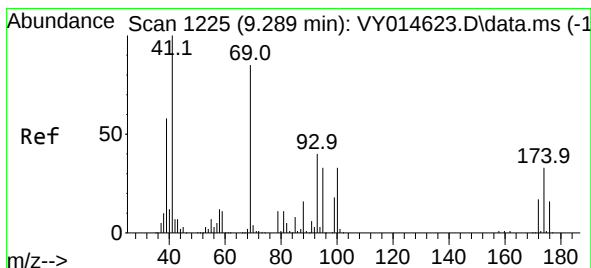
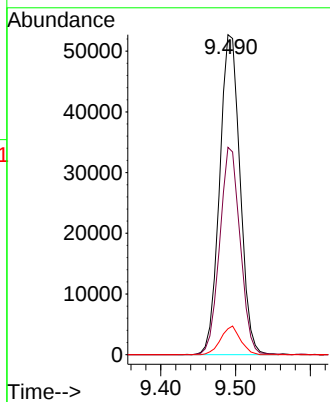
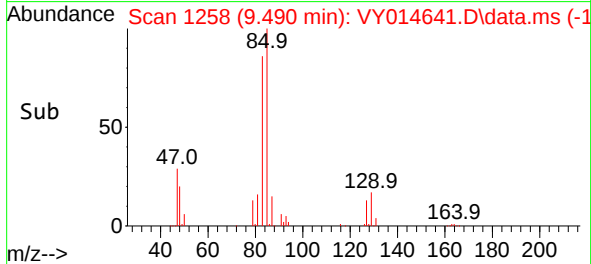
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBSD01



Tgt Ion: 83 Resp: 100199
Ion Ratio Lower Upper
83 100
85 64.8 50.1 75.1
127 8.1 7.1 10.7

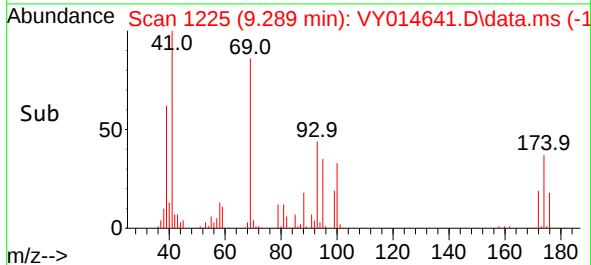
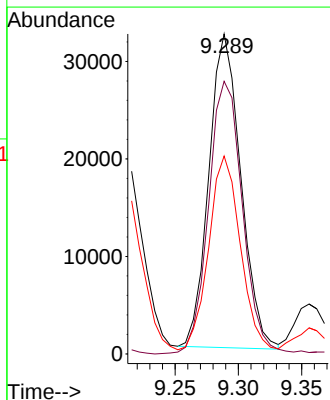
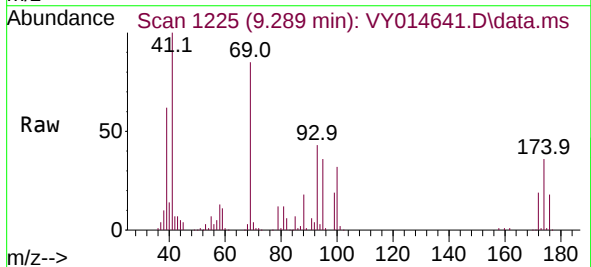
Manual Integrations
APPROVED

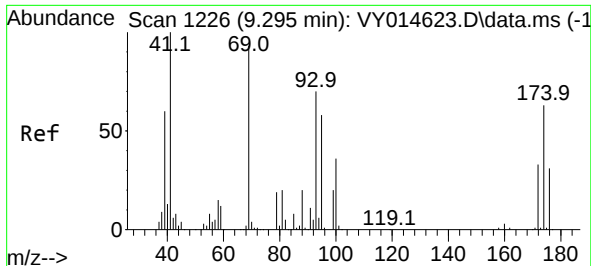
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#48
Methyl methacrylate
Concen: 20.017 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

Tgt Ion: 41 Resp: 56477
Ion Ratio Lower Upper
41 100
69 92.9 64.5 96.7
39 63.0 50.8 76.2





#49

1,4-Dioxane

Concen: 424.496 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY014641.D

Acq: 14 Jul 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

Tgt Ion: 88 Resp: 1490

Ion Ratio Lower Upper

88 100

43 28.5 0.0 0.0

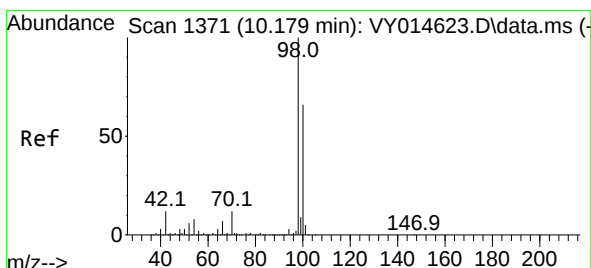
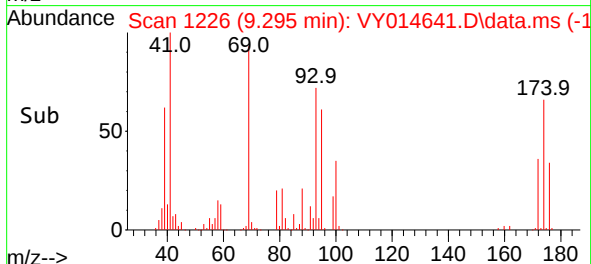
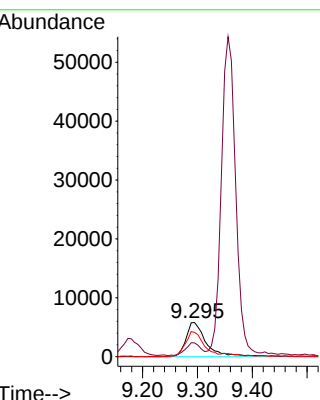
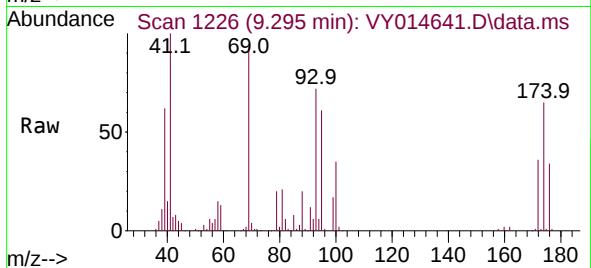
58 67.1 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#50

Toluene-d8

Concen: 49.241 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY014641.D

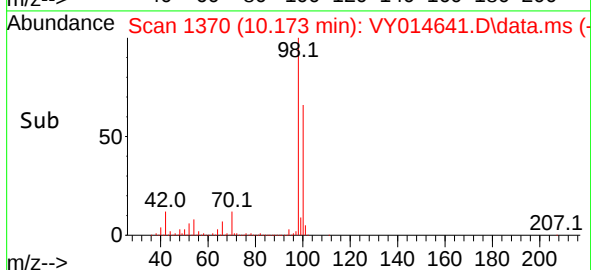
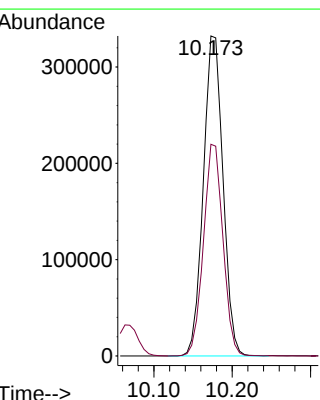
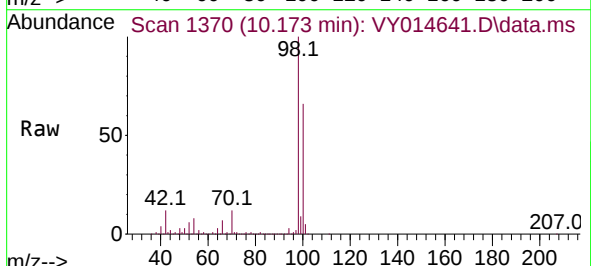
Acq: 14 Jul 2023 12:41

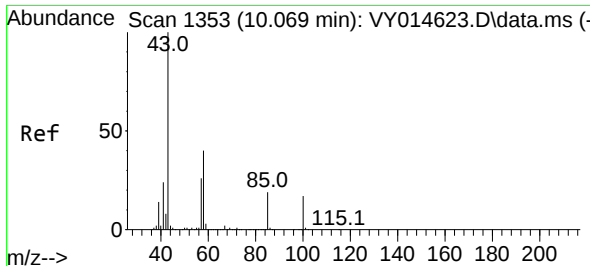
Tgt Ion: 98 Resp: 580377

Ion Ratio Lower Upper

98 100

100 65.6 50.1 75.1





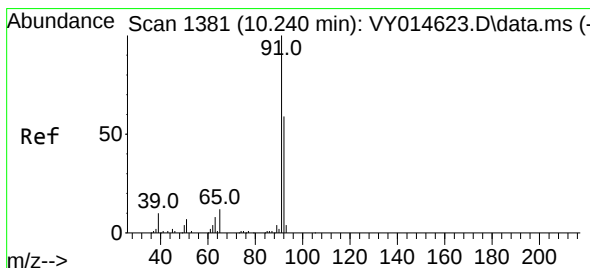
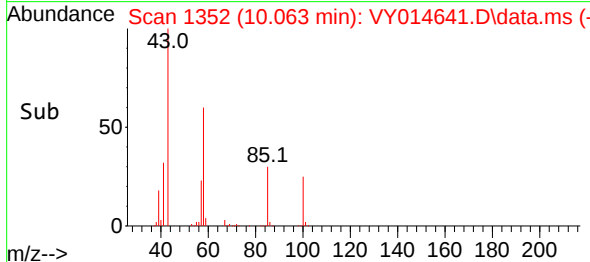
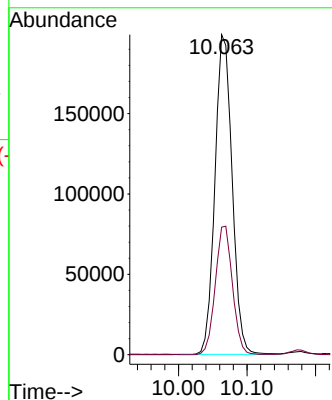
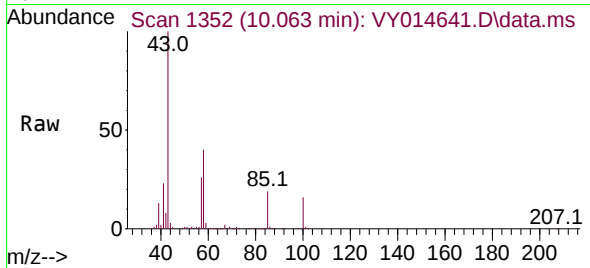
#51
4-Methyl-2-Pentanone
Concen: 105.080 ug/l
RT: 10.063 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

Tgt Ion: 43 Resp: 345940
Ion Ratio Lower Upper
43 100
58 40.1 29.0 43.6

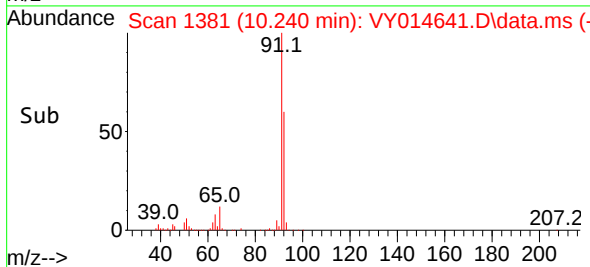
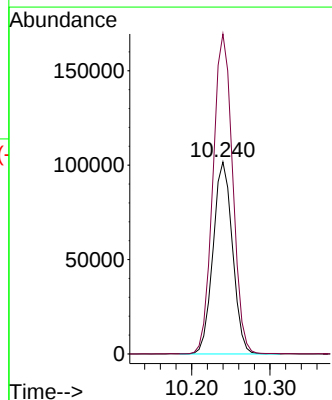
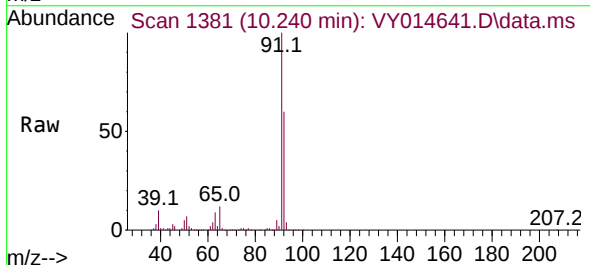
Manual Integrations
APPROVED

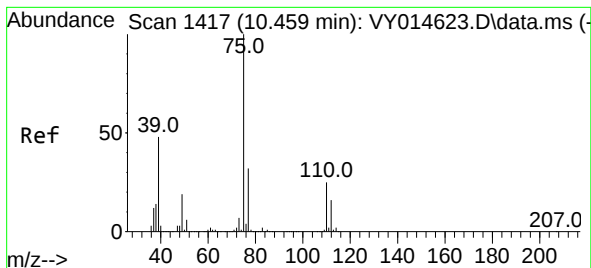
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#52
Toluene
Concen: 20.096 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

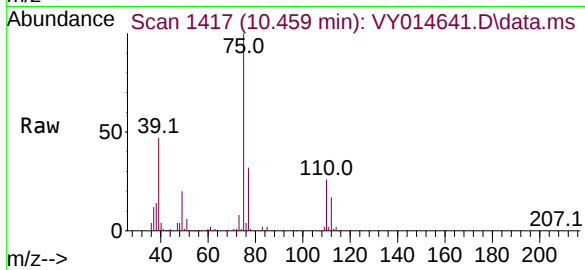
Tgt Ion: 92 Resp: 174855
Ion Ratio Lower Upper
92 100
91 169.3 143.8 215.6





#53
t-1,3-Dichloropropene
Concen: 19.686 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

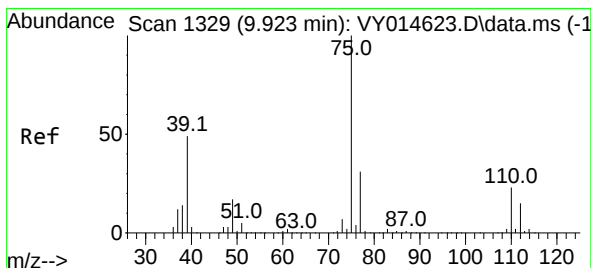
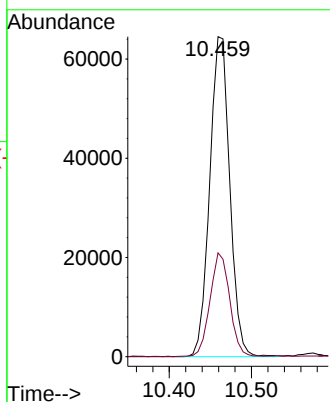
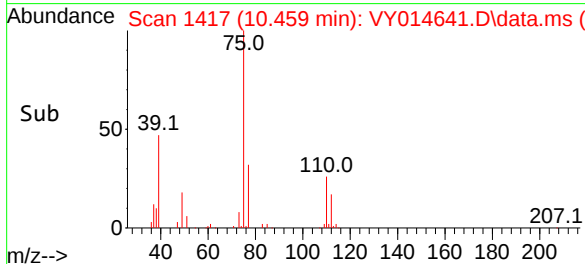
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01



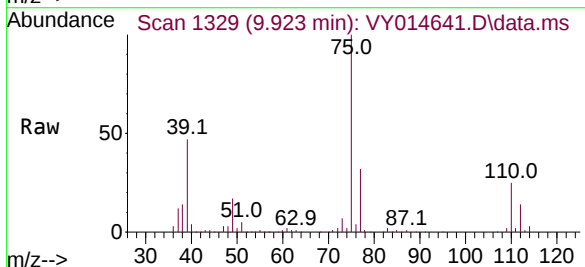
Tgt Ion: 75 Resp: 109318
Ion Ratio Lower Upper
75 100
77 32.4 25.0 37.4

Manual Integrations
APPROVED

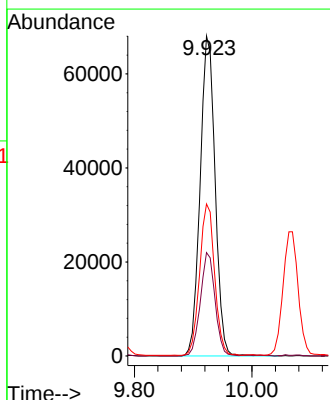
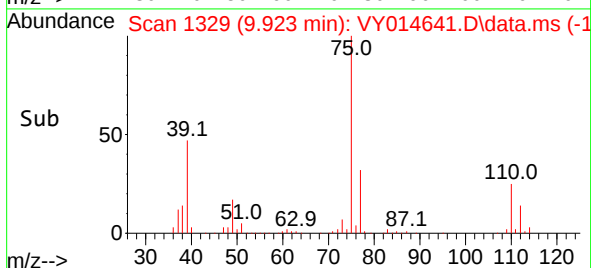
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

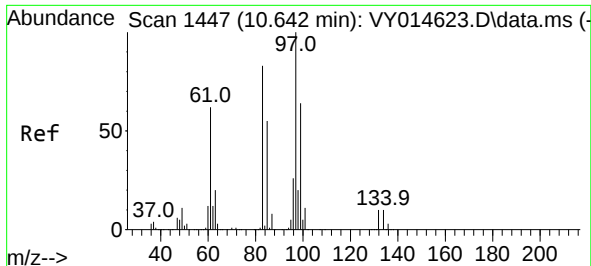


#54
cis-1,3-Dichloropropene
Concen: 20.001 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41



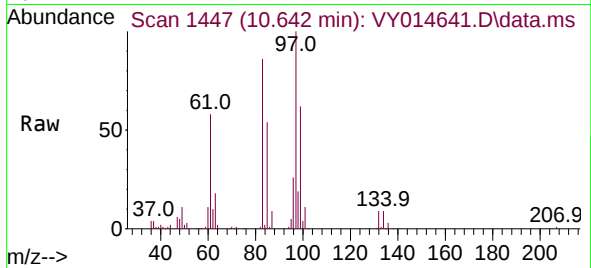
Tgt Ion: 75 Resp: 120779
Ion Ratio Lower Upper
75 100
77 32.3 24.2 36.4
39 47.3 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 20.659 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

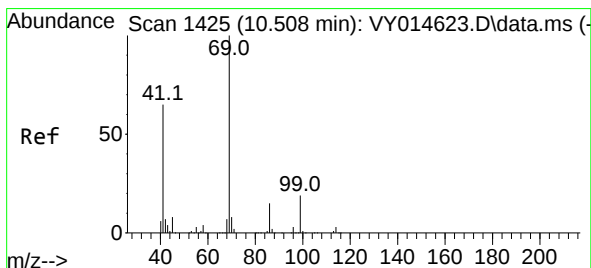
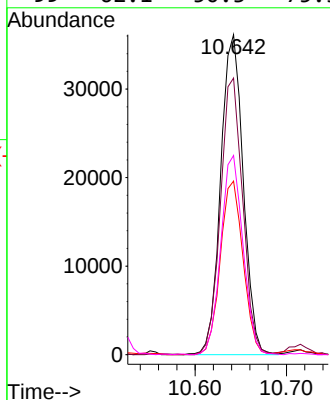
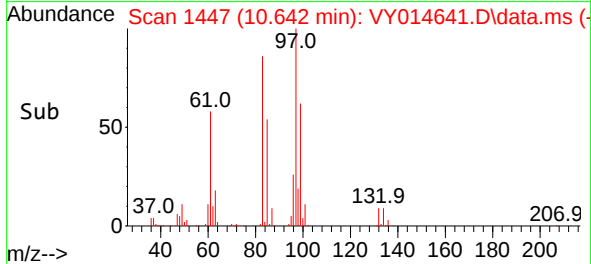
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01



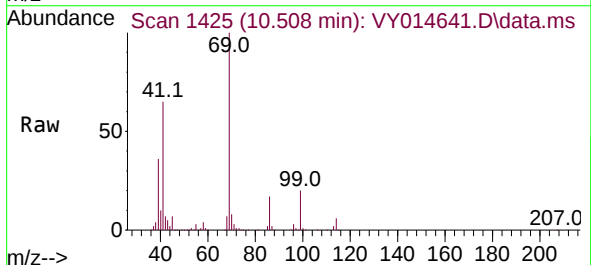
Tgt Ion: 97	Resp: 6198
Ion Ratio	Lower Upper
97 100	
83 86.3	72.0 108.0
85 54.2	45.4 68.0
99 62.1	50.3 75.5

Manual Integrations
APPROVED

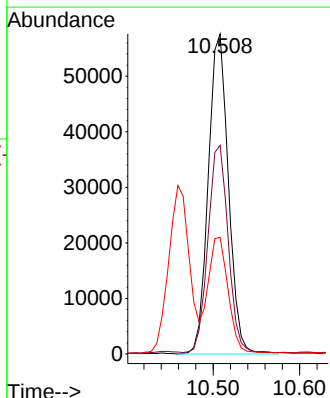
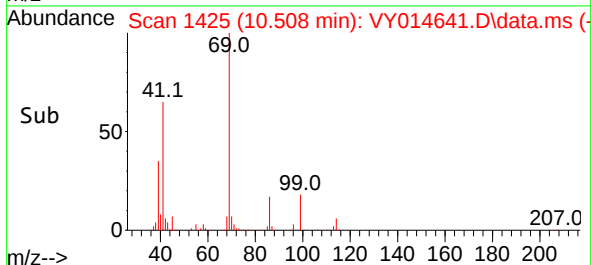
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

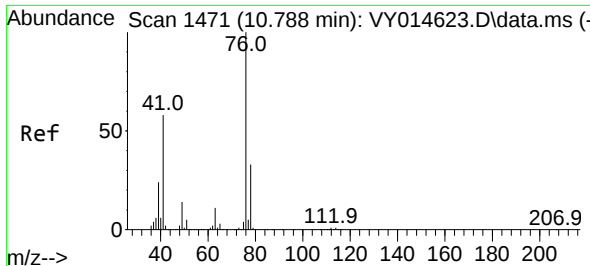


#56
Ethyl methacrylate
Concen: 20.313 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41



Tgt Ion: 69	Resp: 93056
Ion Ratio	Lower Upper
69 100	
41 65.2	57.6 86.4
39 36.5	34.1 51.1





#57

1,3-Dichloropropane

Concen: 20.146 ug/l

RT: 10.782 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VY014641.D

Acq: 14 Jul 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBSD01

Tgt Ion: 76 Resp: 10425

Ion Ratio Lower Upper

76 100

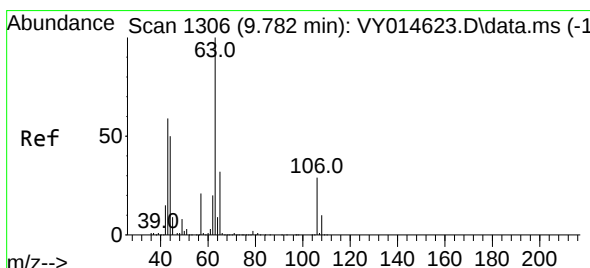
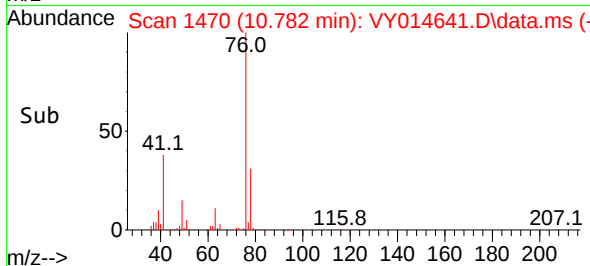
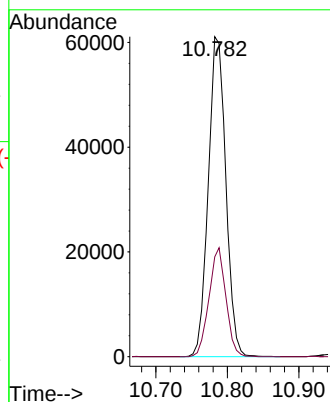
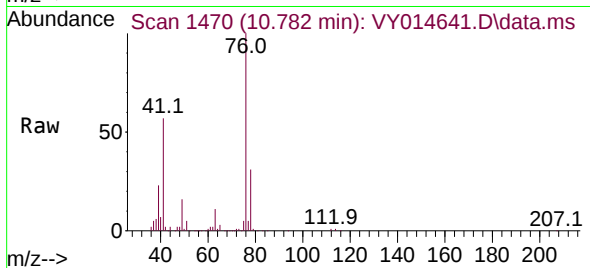
78 32.7 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#58

2-Chloroethyl Vinyl ether

Concen: 108.614 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY014641.D

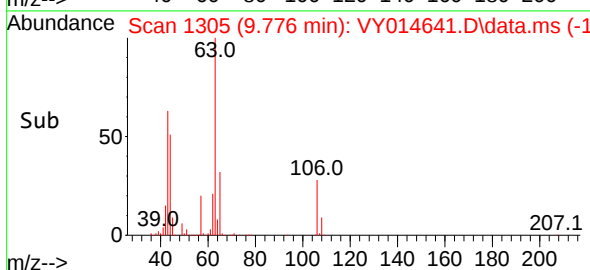
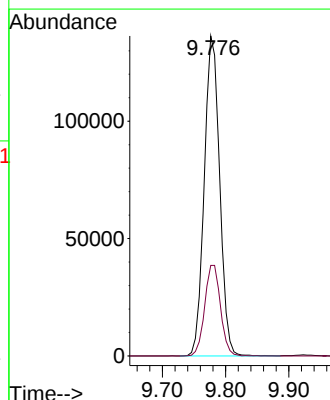
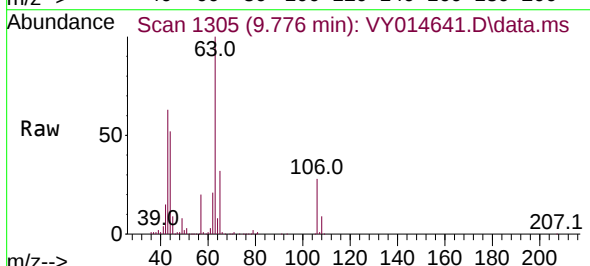
Acq: 14 Jul 2023 12:41

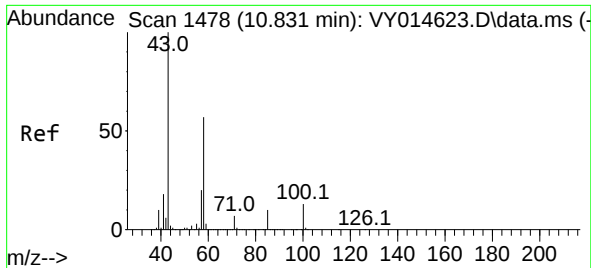
Tgt Ion: 63 Resp: 231836

Ion Ratio Lower Upper

63 100

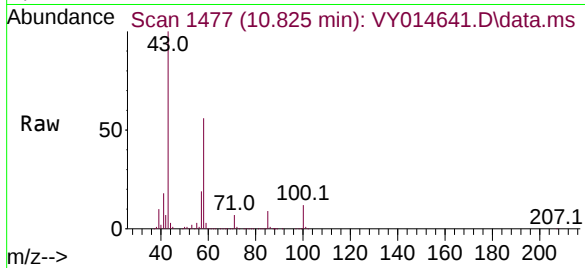
106 29.1 21.2 31.8





#59
2-Hexanone
Concen: 106.087 ug/l
RT: 10.825 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

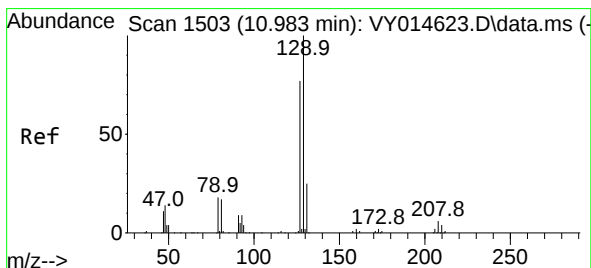
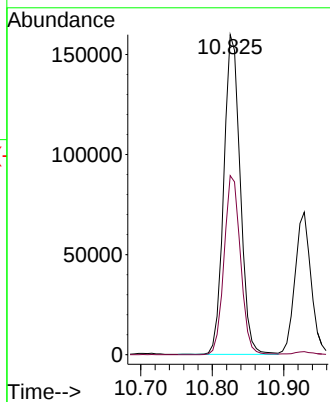
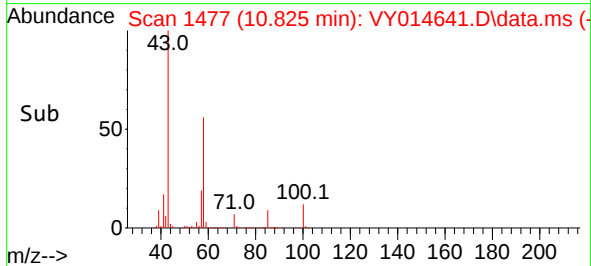
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBSD01



Tgt Ion: 43 Resp: 25469
Ion Ratio Lower Upper
43 100
58 56.1 25.1 75.3

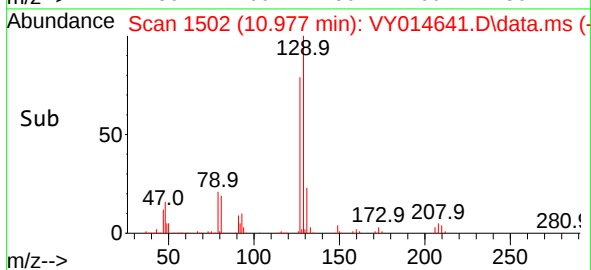
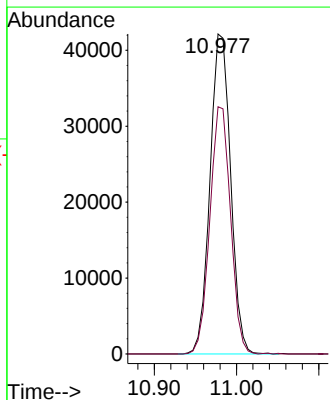
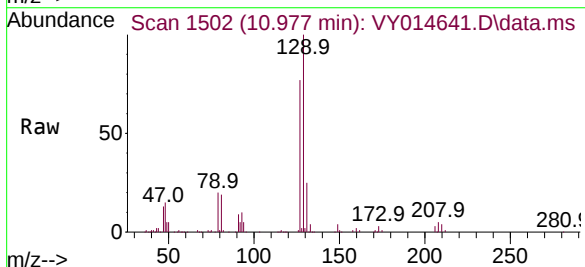
Manual Integrations
APPROVED

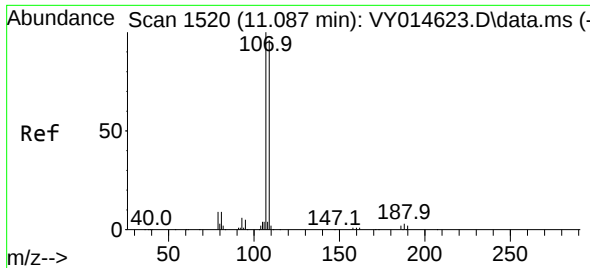
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#60
Dibromochloromethane
Concen: 19.959 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

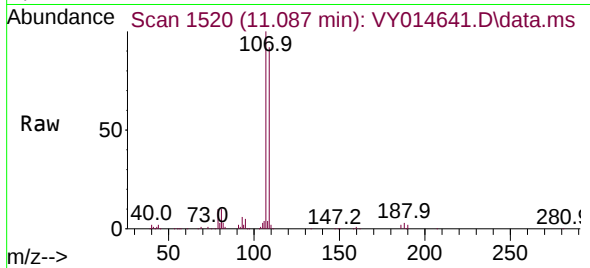
Tgt Ion:129 Resp: 73422
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





#61
1,2-Dibromoethane
Concen: 20.541 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

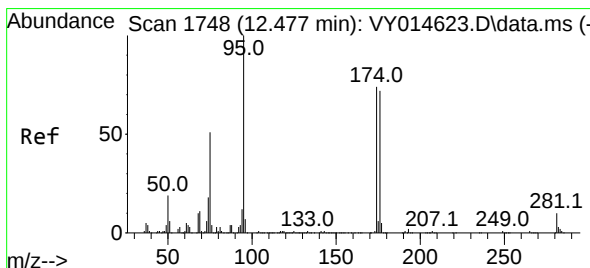
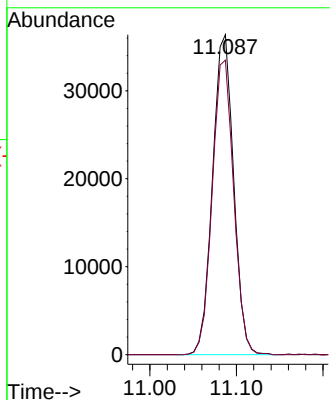
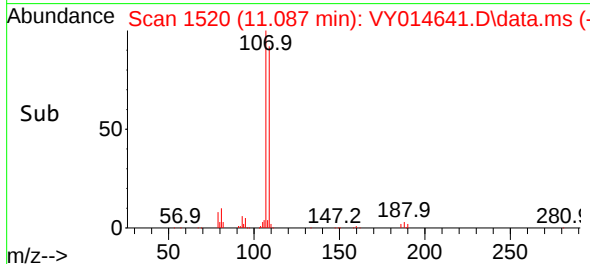
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBSD01



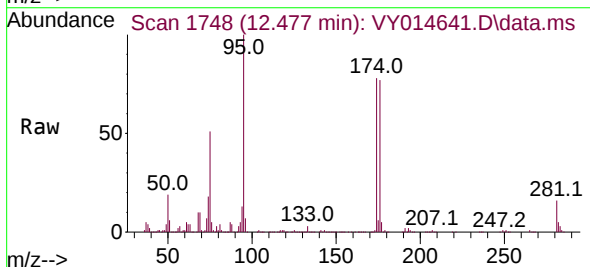
Tgt Ion:107 Resp: 61483
Ion Ratio Lower Upper
107 100
109 93.8 75.6 113.4

Manual Integrations
APPROVED

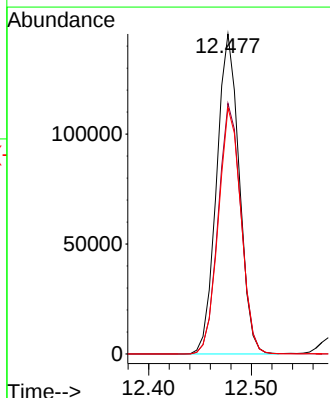
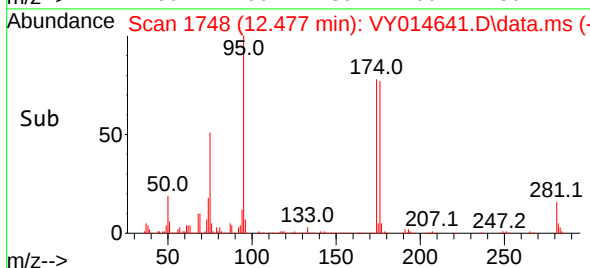
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

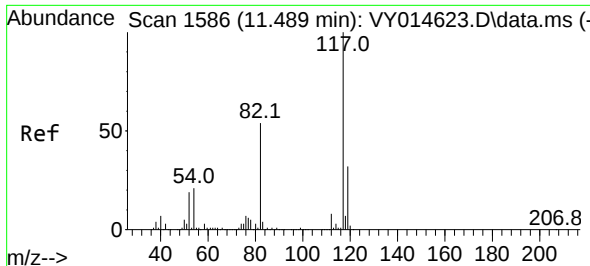


#62
4-Bromofluorobenzene
Concen: 49.206 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41



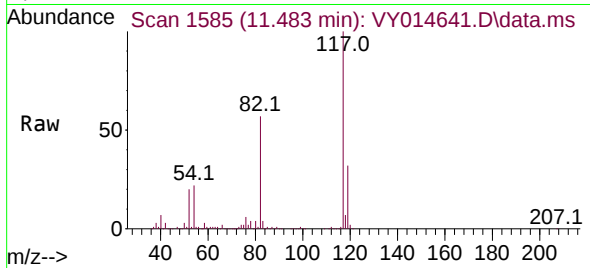
Tgt Ion: 95 Resp: 222377
Ion Ratio Lower Upper
95 100
174 78.5 0.0 178.2
176 76.9 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

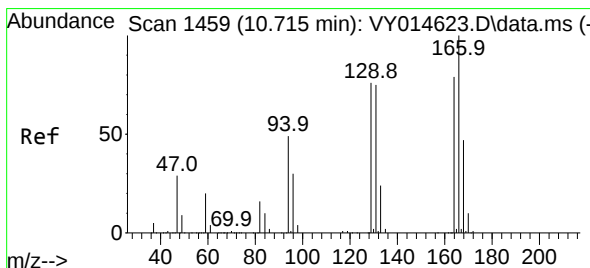
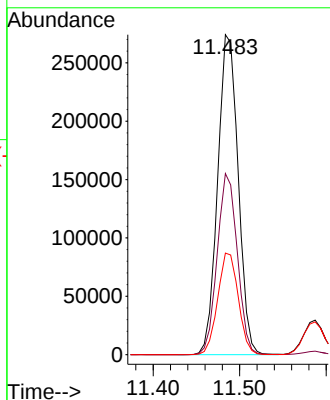
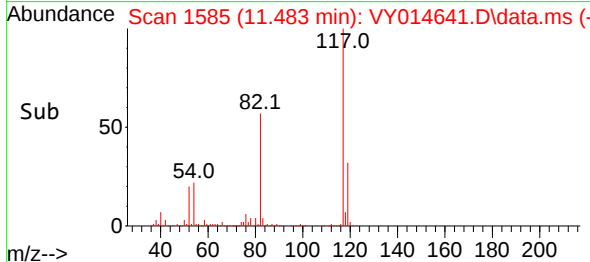
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBSD01



Tgt Ion:117 Resp: 450778
Ion Ratio Lower Upper
117 100
82 56.6 43.4 65.0
119 31.8 26.3 39.5

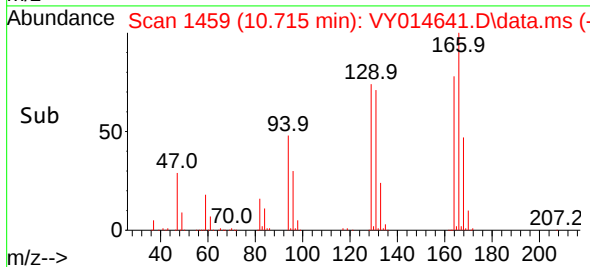
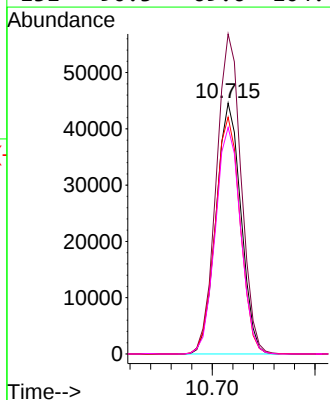
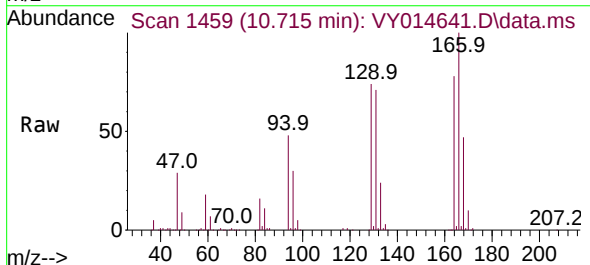
Manual Integrations
APPROVED

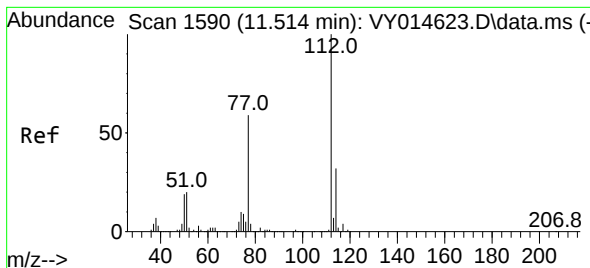
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#64
Tetrachloroethene
Concen: 20.677 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

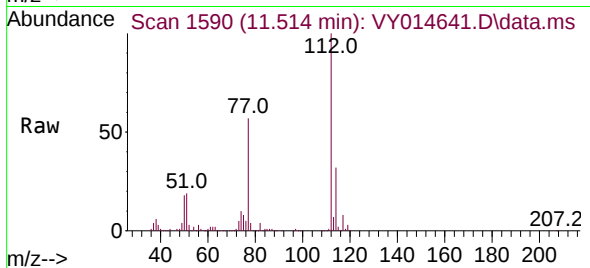
Tgt Ion:164 Resp: 74963
Ion Ratio Lower Upper
164 100
166 127.5 103.0 154.6
129 94.3 77.2 115.8
131 90.3 69.6 104.4





#65
Chlorobenzene
Concen: 19.557 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

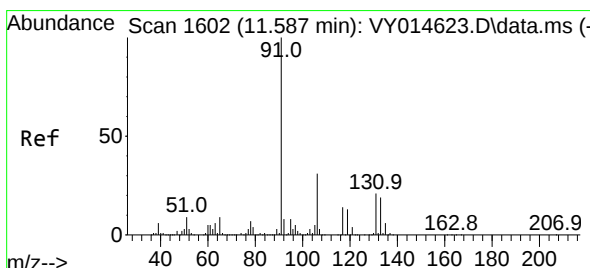
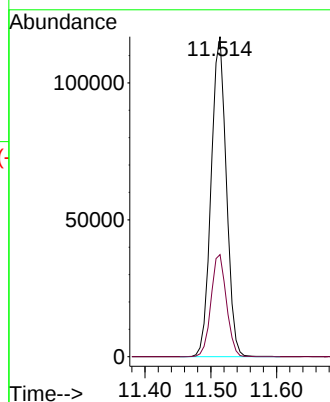
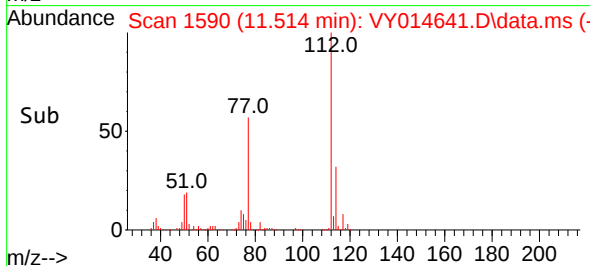
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBSD01



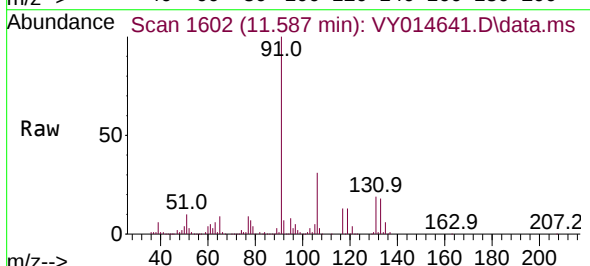
Tgt Ion:112 Resp: 18786
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3

Manual Integrations
APPROVED

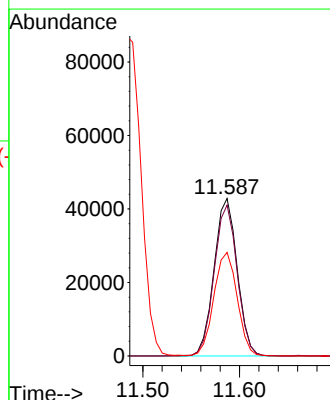
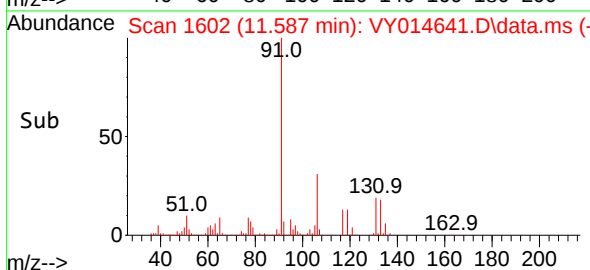
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

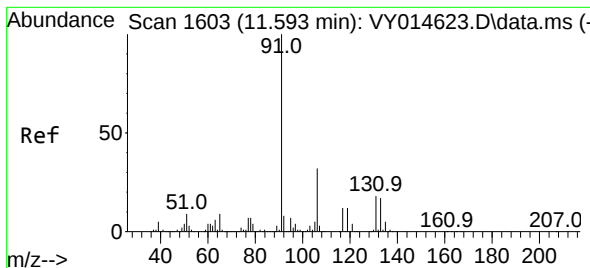


#66
1,1,1,2-Tetrachloroethane
Concen: 19.605 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41



Tgt Ion:131 Resp: 71008
Ion Ratio Lower Upper
131 100
133 95.5 47.5 142.6
119 66.7 31.6 94.7





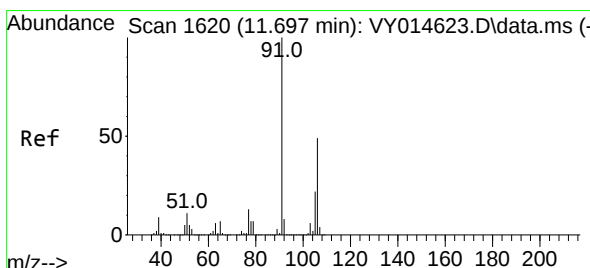
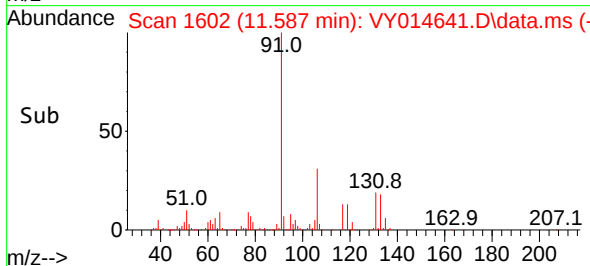
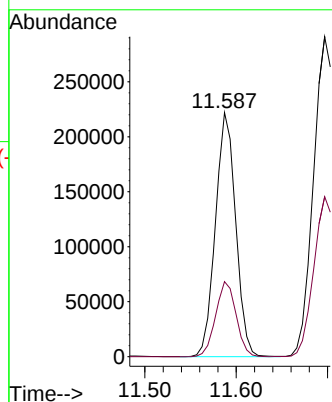
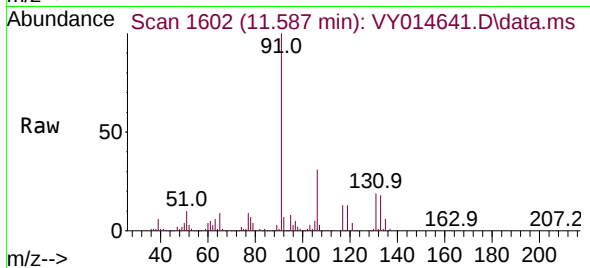
#67
Ethyl Benzene
Concen: 19.708 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBSD01

Tgt Ion: 91 Resp: 34181
Ion Ratio Lower Upper
91 100
106 30.7 24.6 36.8

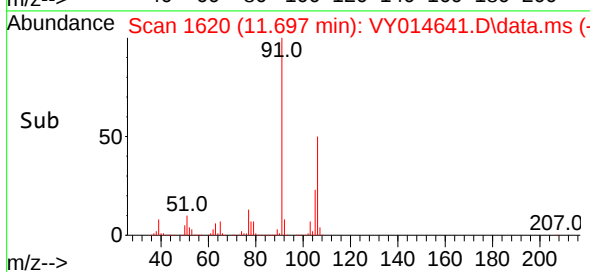
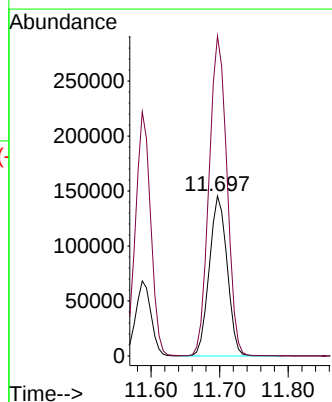
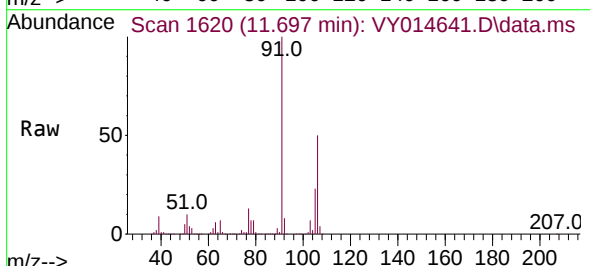
Manual Integrations
APPROVED

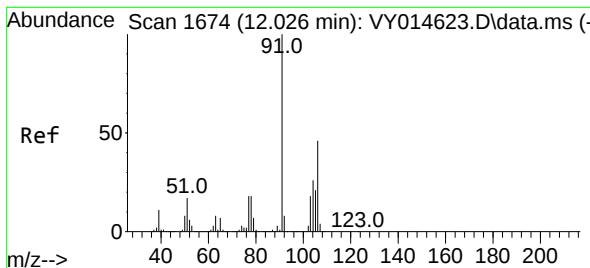
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#68
m/p-Xylenes
Concen: 39.723 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

Tgt Ion:106 Resp: 262984
Ion Ratio Lower Upper
106 100
91 200.7 166.1 249.1





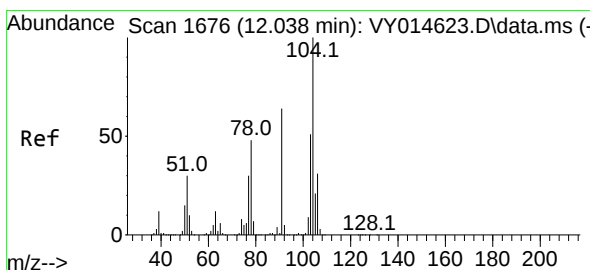
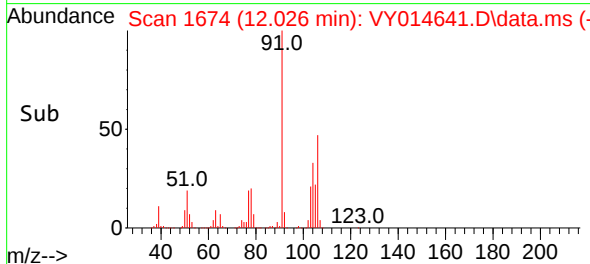
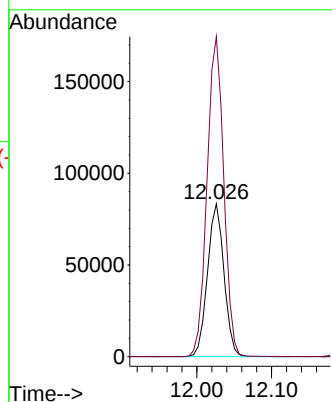
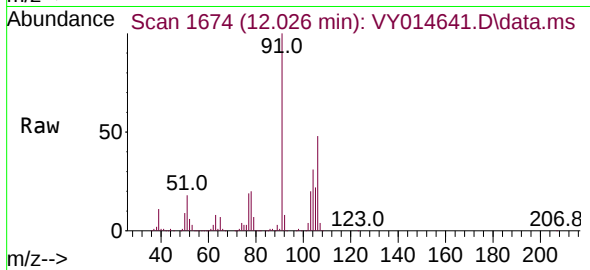
#69
o-Xylene
Concen: 19.777 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBSD01

Tgt Ion:106 Resp: 12753
Ion Ratio Lower Upper
106 100
91 212.0 108.1 324.3

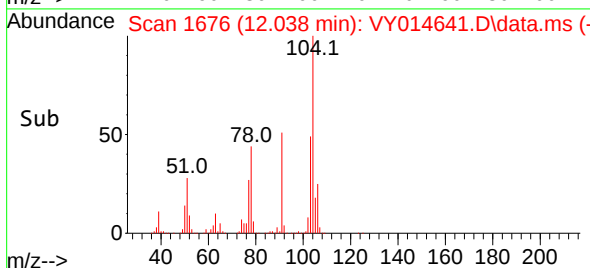
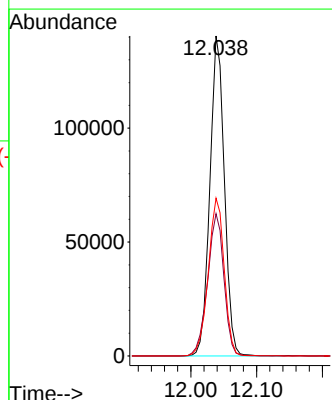
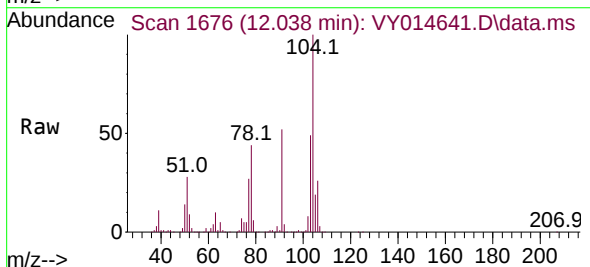
Manual Integrations
APPROVED

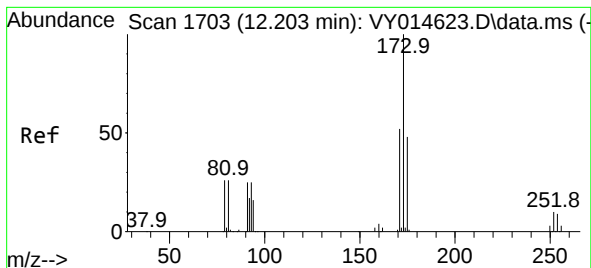
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#70
Styrene
Concen: 19.872 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

Tgt Ion:104 Resp: 215972
Ion Ratio Lower Upper
104 100
78 50.0 41.5 62.3
103 54.3 44.6 67.0





#71

Bromoform

Concen: 20.324 ug/l

RT: 12.203 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VY014641.D

Acq: 14 Jul 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

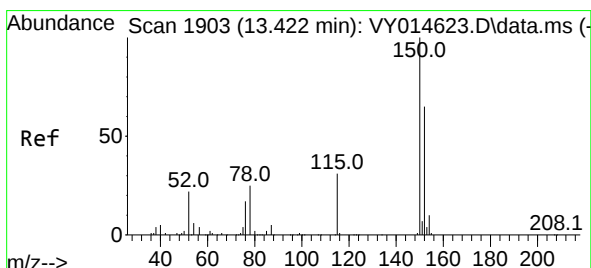
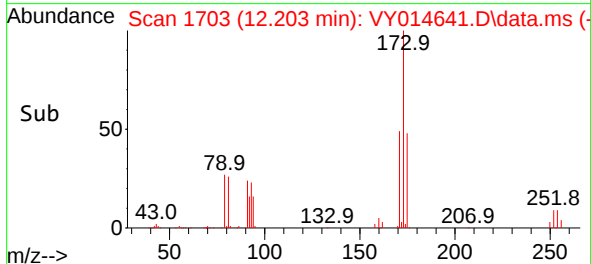
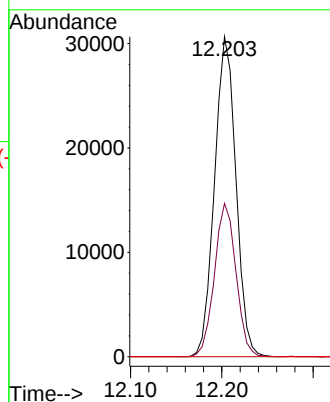
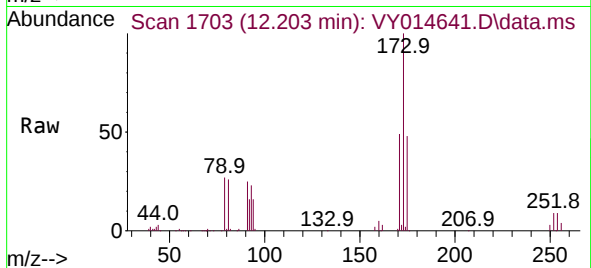
Tgt Ion:173	Resp:	49890
Ion Ratio	Lower	Upper
173	100	
175	48.1	24.6 73.8
254	0.0	0.2 0.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

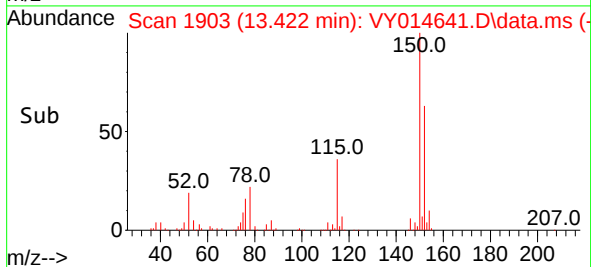
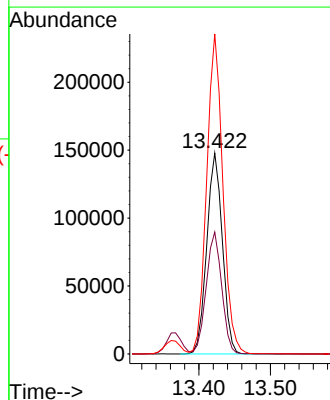
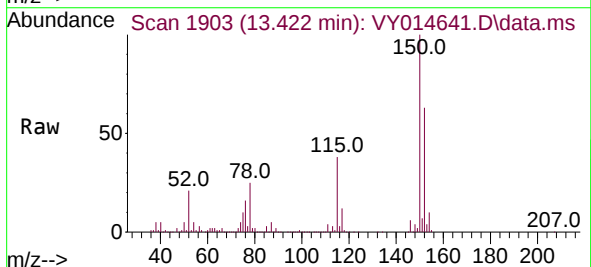
RT: 13.422 min Scan# 1903

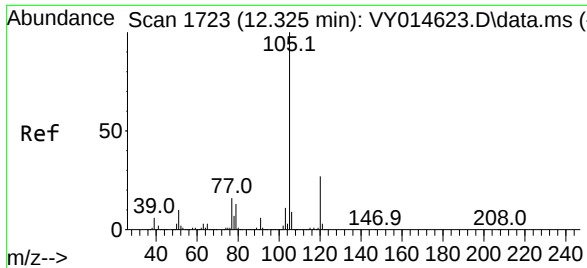
Delta R.T. 0.000 min

Lab File: VY014641.D

Acq: 14 Jul 2023 12:41

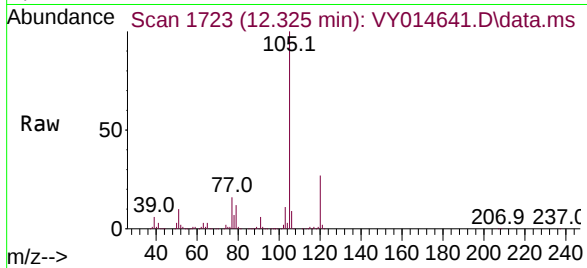
Tgt Ion:152	Resp:	224407
Ion Ratio	Lower	Upper
152	100	
115	60.3	28.8 86.5
150	164.2	0.0 348.8





#73
Isopropylbenzene
Concen: 18.959 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

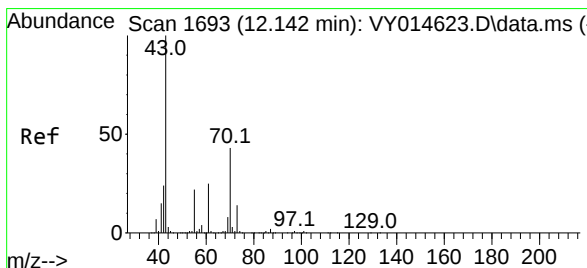
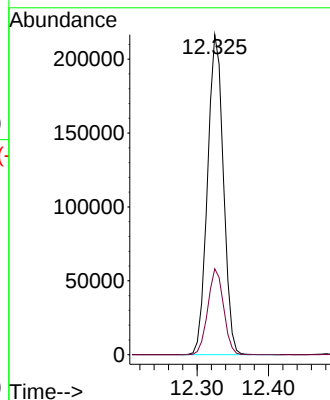
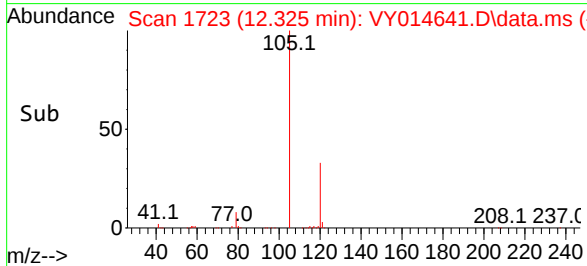
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01



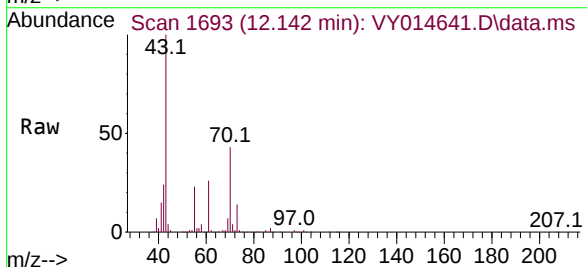
Tgt Ion:105 Resp: 333139
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9

Manual Integrations
APPROVED

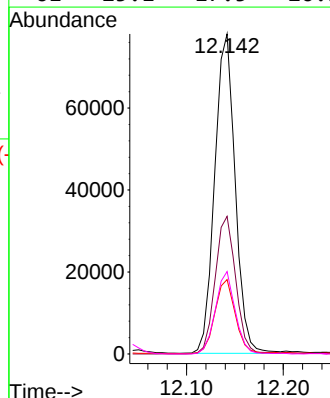
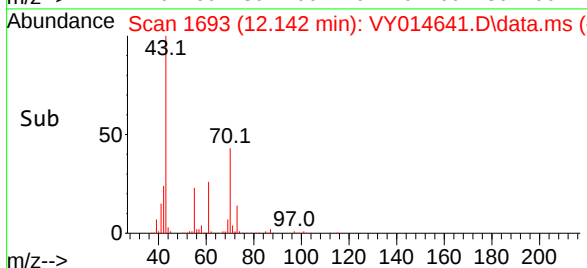
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

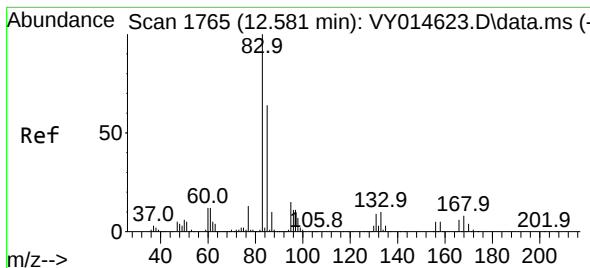


#74
N-ethyl acetate
Concen: 19.456 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41



Tgt Ion: 43 Resp: 114498
Ion Ratio Lower Upper
43 100
70 43.3 29.7 44.5
55 23.0 18.3 27.5
61 25.1 17.5 26.3





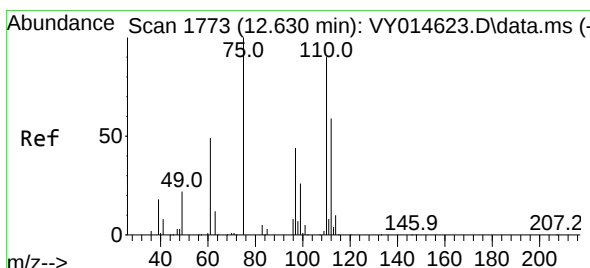
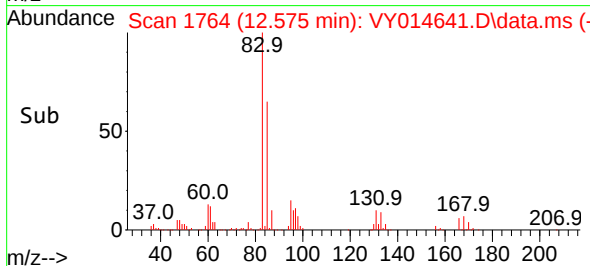
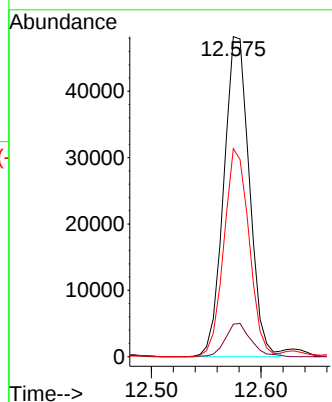
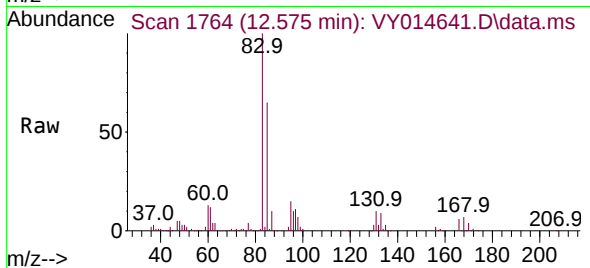
#75
1,1,2,2-Tetrachloroethane
Concen: 19.525 ug/l
RT: 12.575 min Scan# 1764
Delta R.T. -0.006 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBSD01

Tgt Ion: 83 Resp: 78238
Ion Ratio Lower Upper
83 100
131 10.5 5.4 16.2
85 64.2 31.8 95.4

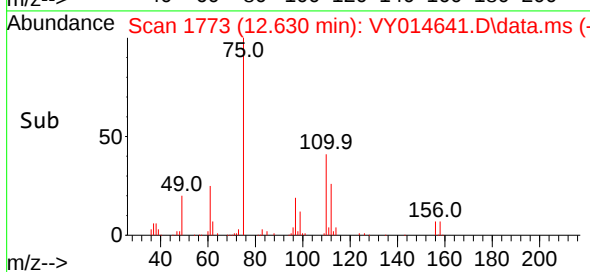
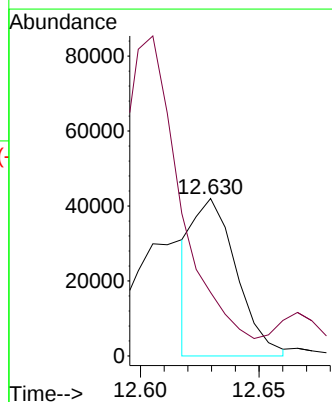
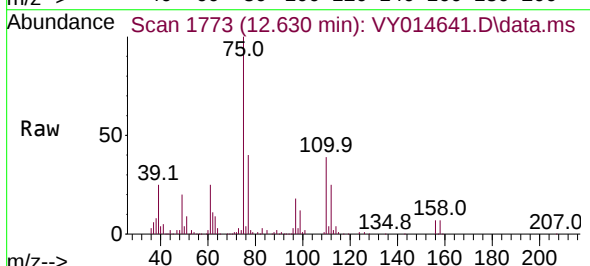
Manual Integrations
APPROVED

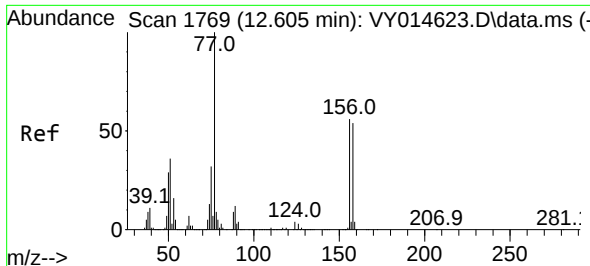
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#76
1,2,3-Trichloropropane
Concen: 19.007 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

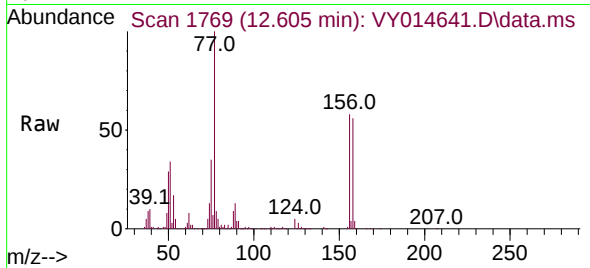
Tgt Ion: 75 Resp: 53869
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 19.647 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

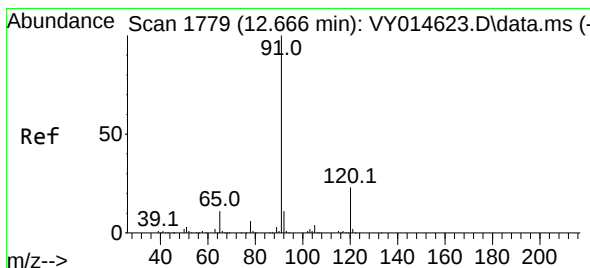
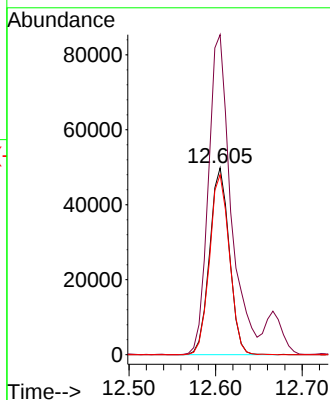
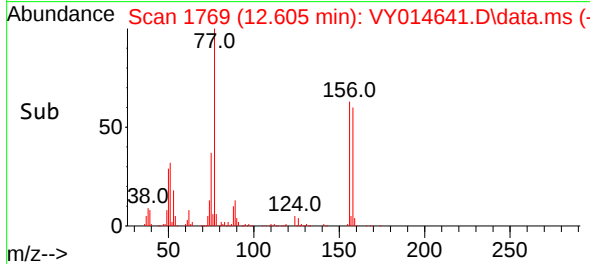
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBSD01



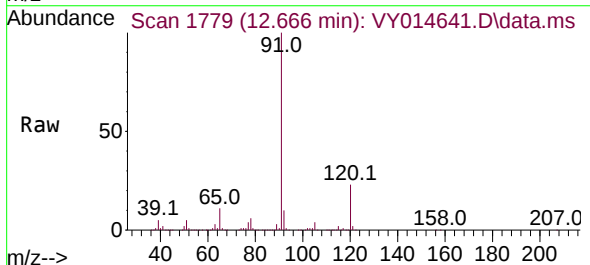
Tgt Ion:156 Resp: 78802
Ion Ratio Lower Upper
156 100
77 195.6 92.8 278.6
158 96.8 48.4 145.3

Manual Integrations
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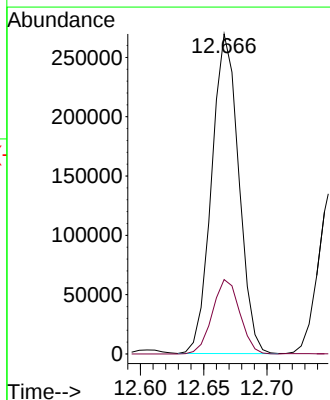
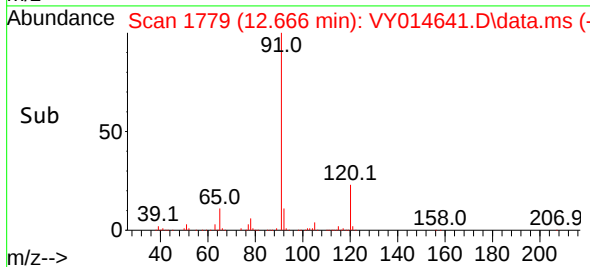
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

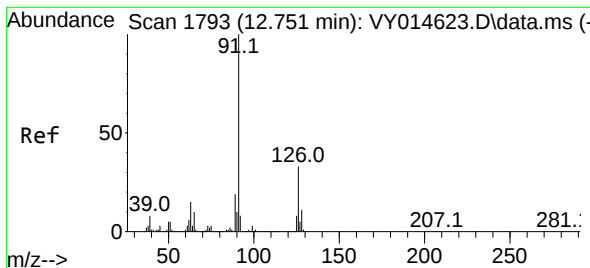


#78
n-propylbenzene
Concen: 18.962 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41



Tgt Ion: 91 Resp: 401489
Ion Ratio Lower Upper
91 100
120 23.5 11.5 34.4





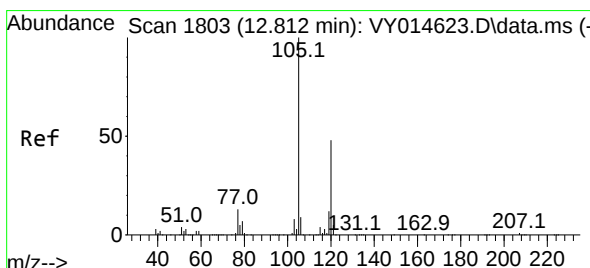
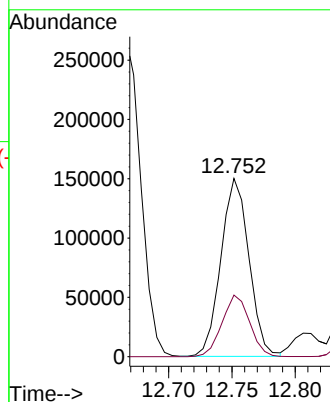
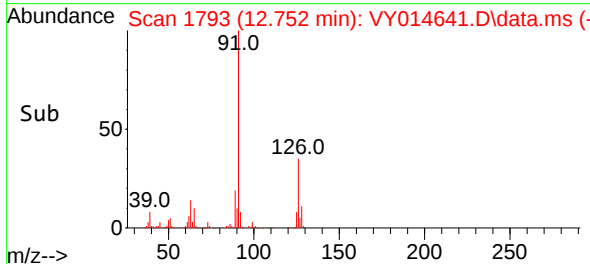
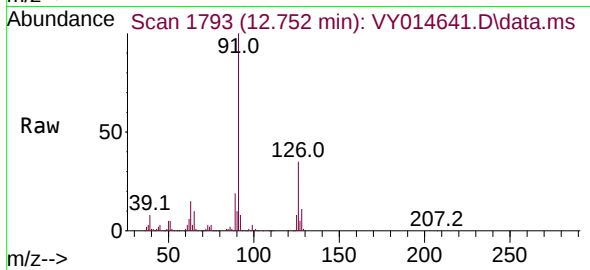
#79
2-Chlorotoluene
Concen: 18.972 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. 0.001 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBSD01

Tgt Ion: 91 Resp: 231379
Ion Ratio Lower Upper
91 100
126 34.1 17.3 51.7

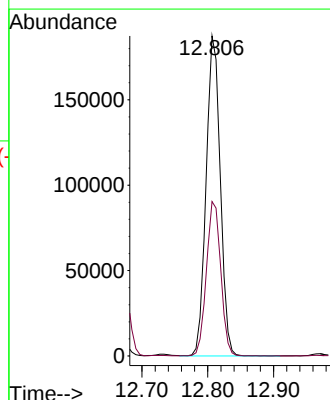
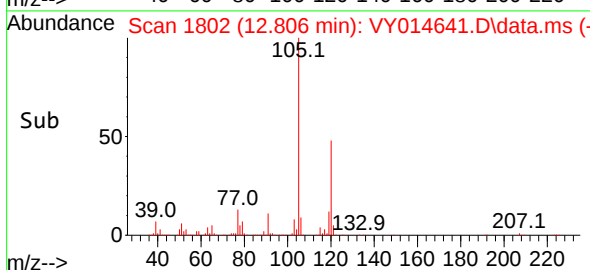
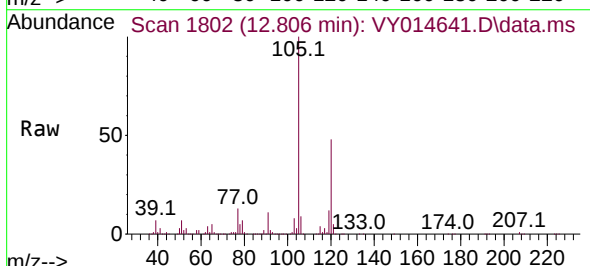
Manual Integrations
APPROVED

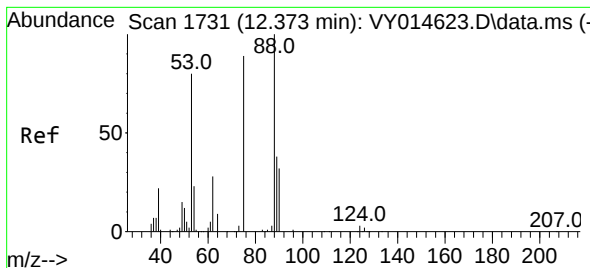
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.154 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

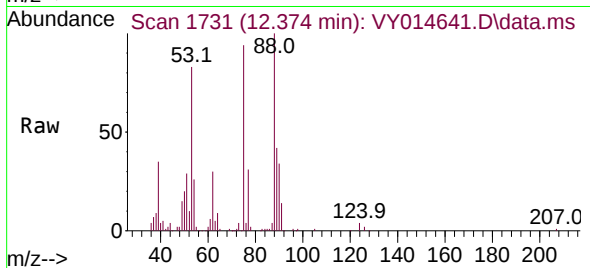
Tgt Ion:105 Resp: 281079
Ion Ratio Lower Upper
105 100
120 48.8 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 20.003 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.001 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

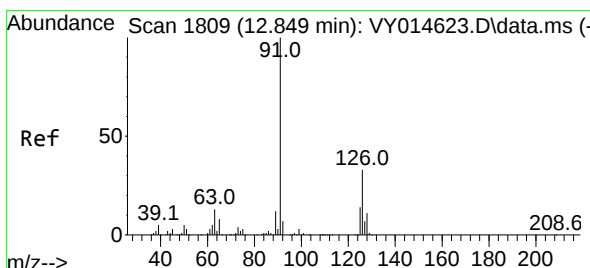
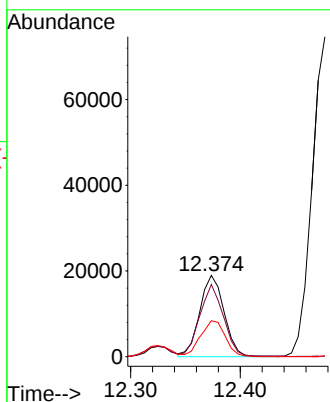
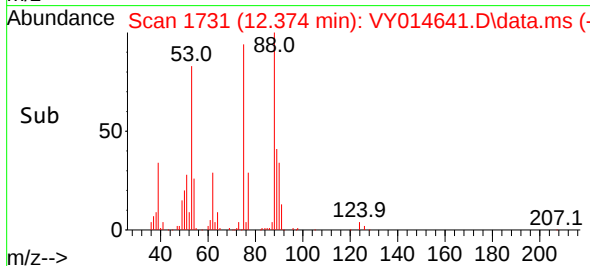
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBSD01



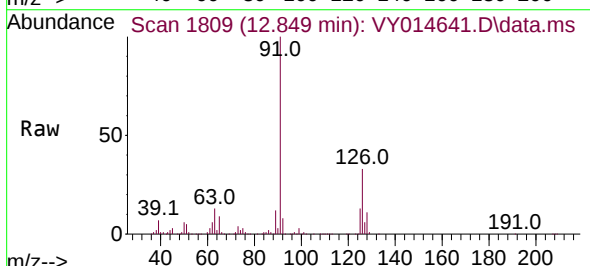
Tgt Ion: 75 Resp: 29280
Ion Ratio Lower Upper
75 100
53 85.7 77.8 116.8
89 44.7 37.4 56.0

Manual Integrations
APPROVED

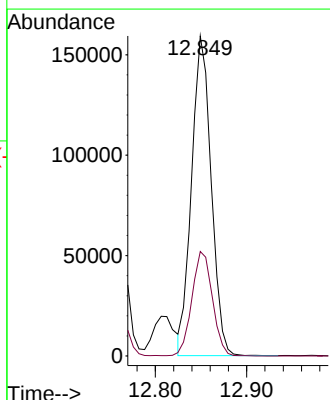
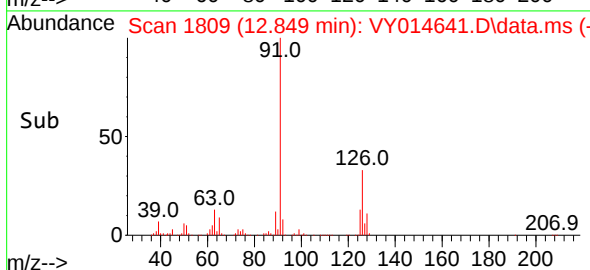
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

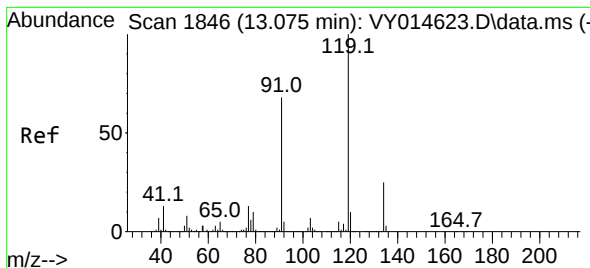


#82
4-Chlorotoluene
Concen: 18.881 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41



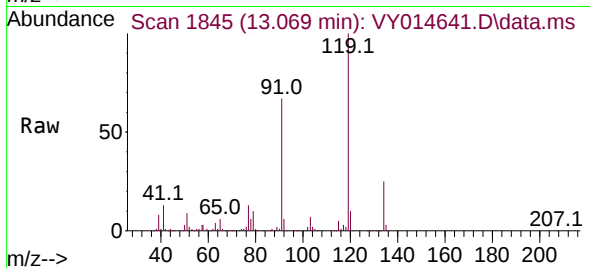
Tgt Ion: 91 Resp: 237149
Ion Ratio Lower Upper
91 100
126 34.3 17.2 51.6





#83
tert-Butylbenzene
Concen: 19.267 ug/l
RT: 13.069 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

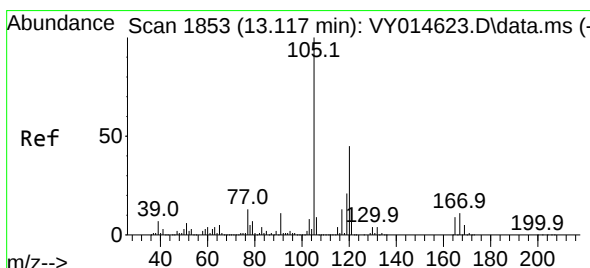
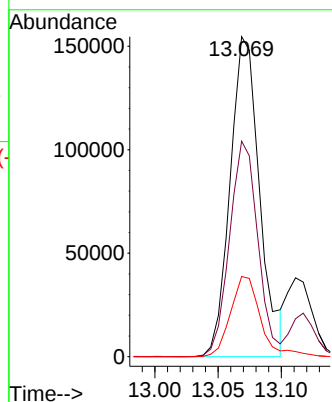
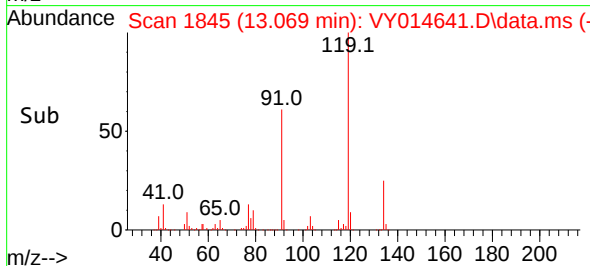
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBSD01



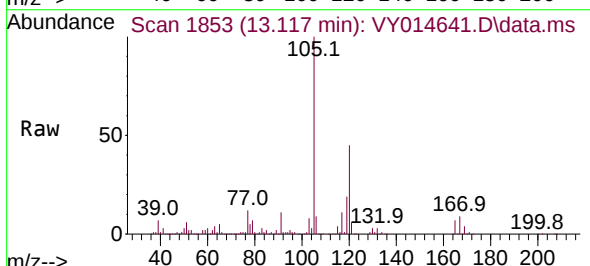
Tgt Ion:119 Resp: 25079
Ion Ratio Lower Upper
119 100
91 64.8 32.9 98.6
134 25.6 13.0 38.9

Manual Integrations
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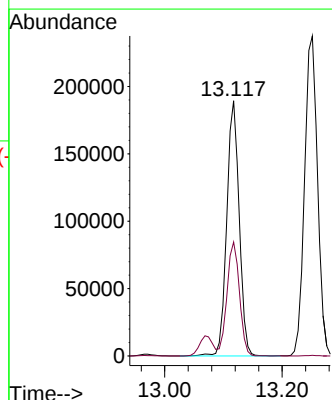
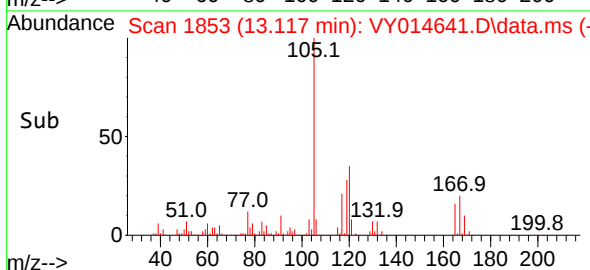
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

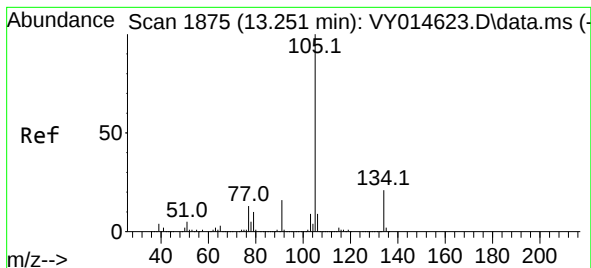


#84
1,2,4-Trimethylbenzene
Concen: 19.352 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41



Tgt Ion:105 Resp: 278699
Ion Ratio Lower Upper
105 100
120 45.0 22.2 66.6





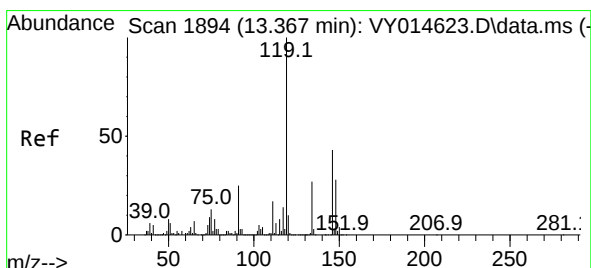
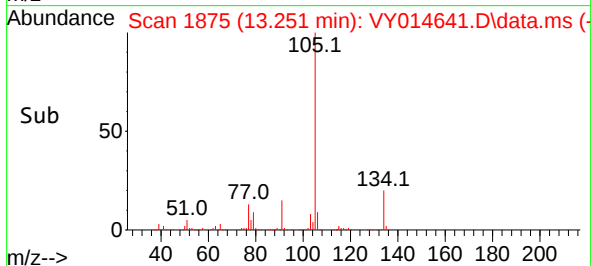
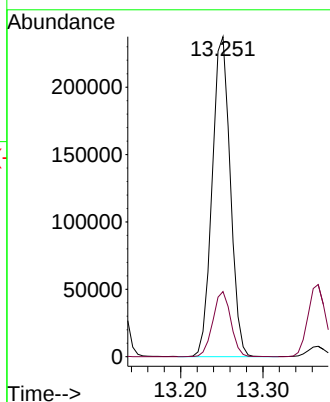
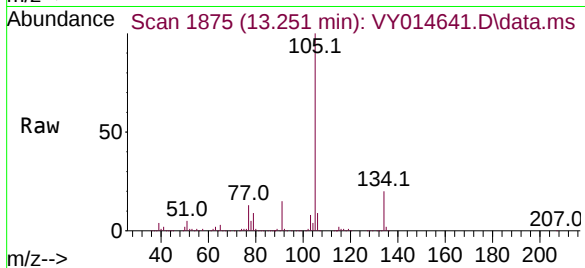
#85
 sec-Butylbenzene
 Concen: 18.975 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY014641.D
 Acq: 14 Jul 2023 12:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0714SBSD01

Tgt Ion:105 Resp: 362340
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.6

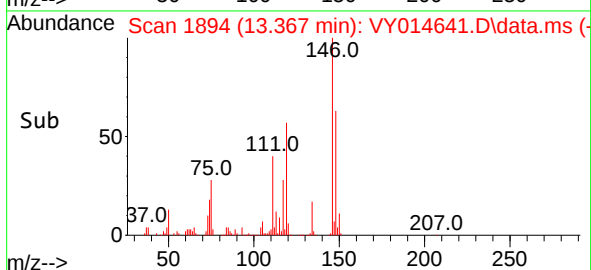
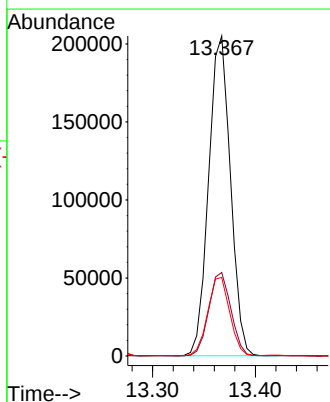
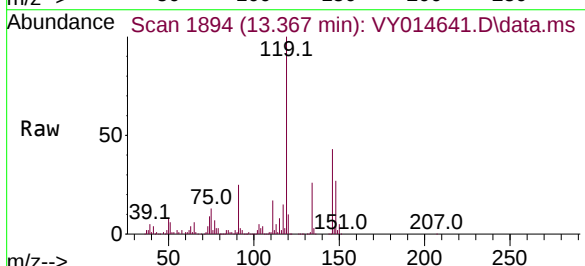
Manual Integrations
 APPROVED

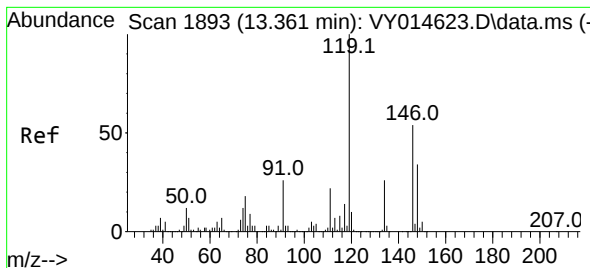
Reviewed By :John Carlone 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023



#86
 p-Isopropyltoluene
 Concen: 19.388 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY014641.D
 Acq: 14 Jul 2023 12:41

Tgt Ion:119 Resp: 302278
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 24.6 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 19.530 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VY014641.D

Acq: 14 Jul 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBSD01

Tgt Ion:146 Resp: 15245

Ion Ratio Lower Upper

146 100

111 41.6 19.4 58.2

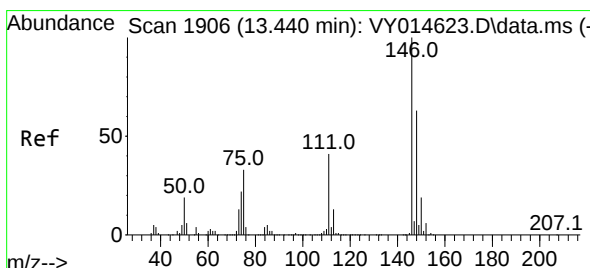
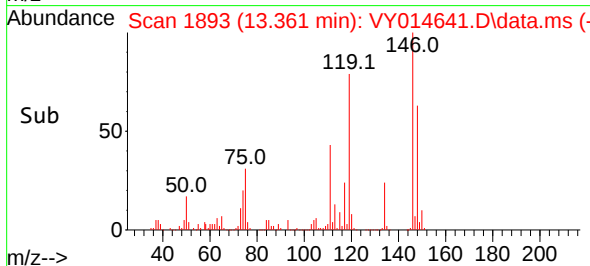
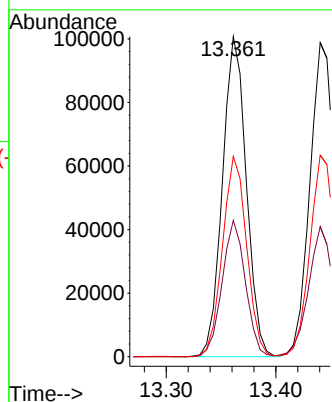
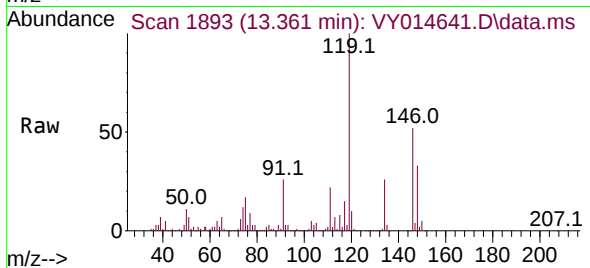
148 63.2 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#88

1,4-Dichlorobenzene

Concen: 19.793 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY014641.D

Acq: 14 Jul 2023 12:41

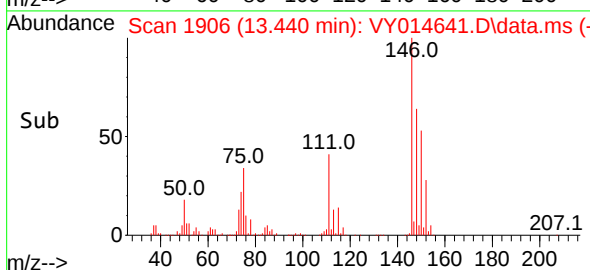
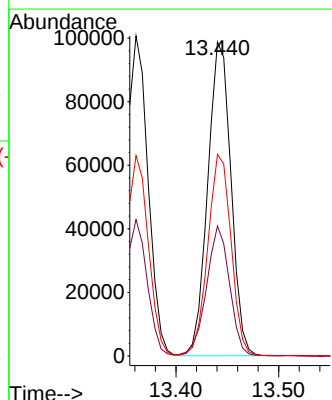
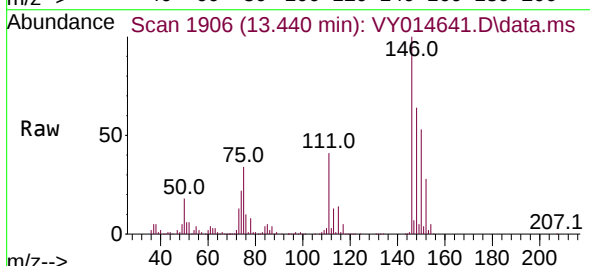
Tgt Ion:146 Resp: 154830

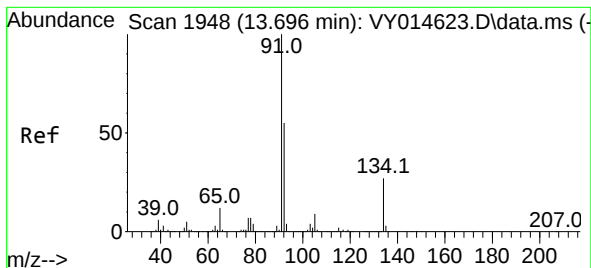
Ion Ratio Lower Upper

146 100

111 41.5 18.9 56.7

148 64.3 32.1 96.5





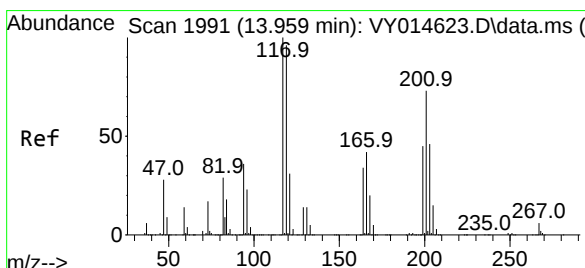
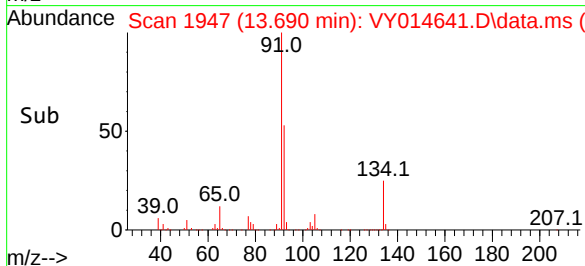
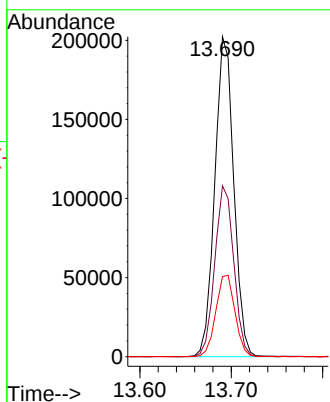
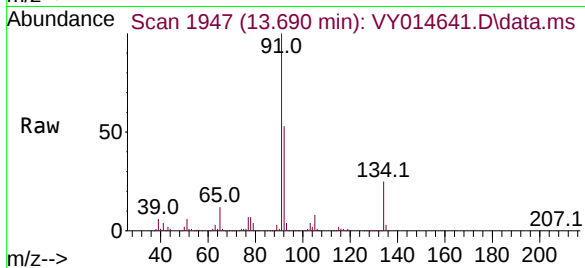
#89
n-Butylbenzene
Concen: 19.194 ug/l
RT: 13.690 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBSD01

Tgt Ion: 91 Resp: 29114
Ion Ratio Lower Upper
91 100
92 53.6 25.4 76.0
134 25.9 12.6 37.6

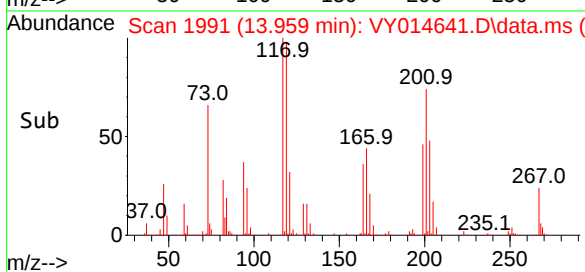
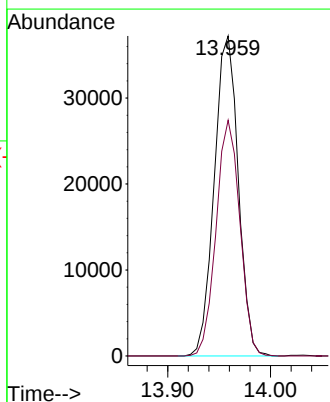
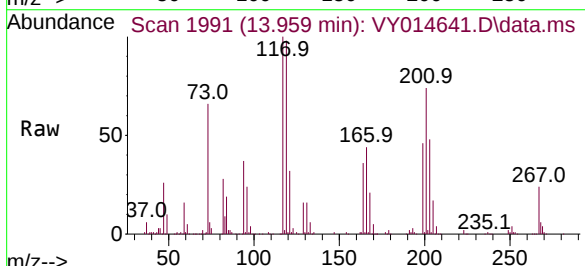
Manual Integrations
APPROVED

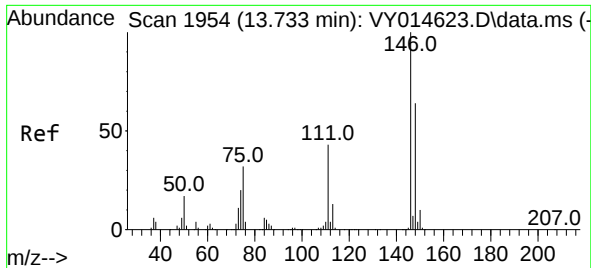
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#90
Hexachloroethane
Concen: 18.841 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

Tgt Ion:117 Resp: 60337
Ion Ratio Lower Upper
117 100
201 72.8 41.6 124.8





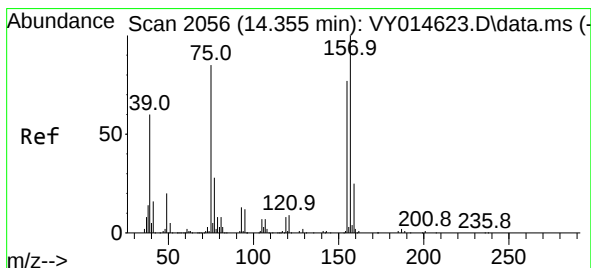
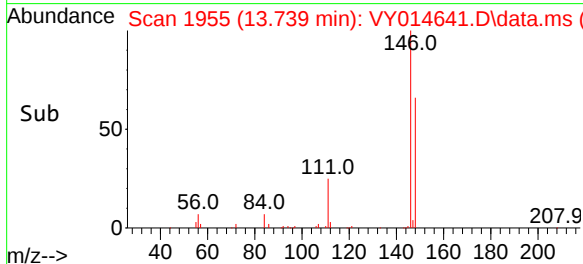
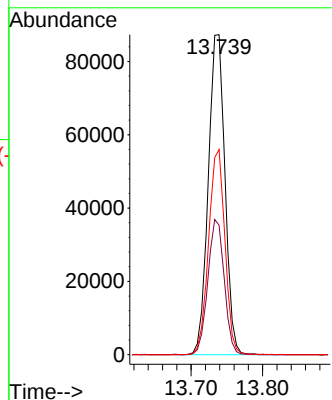
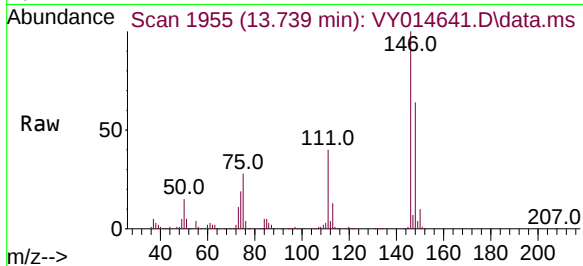
#91
1,2-Dichlorobenzene
Concen: 19.786 ug/l
RT: 13.739 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBSD01

Tgt Ion:146 Resp: 141509
Ion Ratio Lower Upper
146 100
111 41.5 19.7 59.0
148 62.8 32.0 96.2

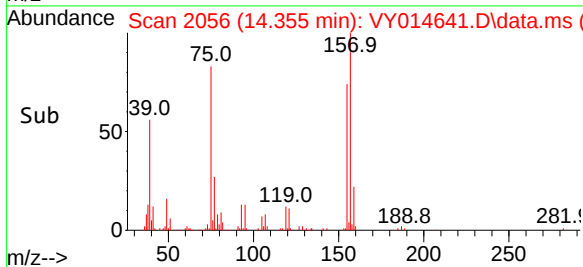
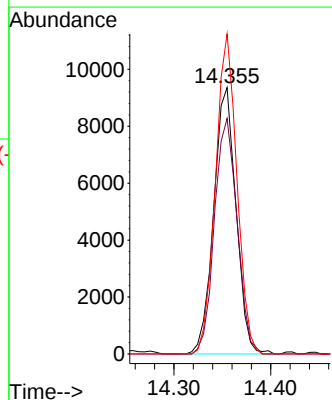
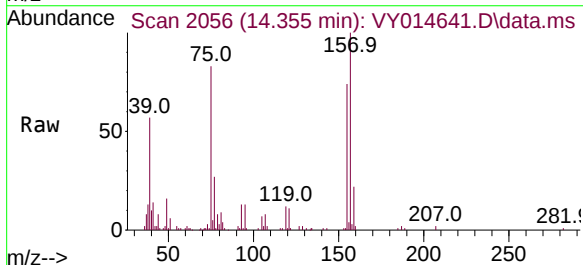
Manual Integrations
APPROVED

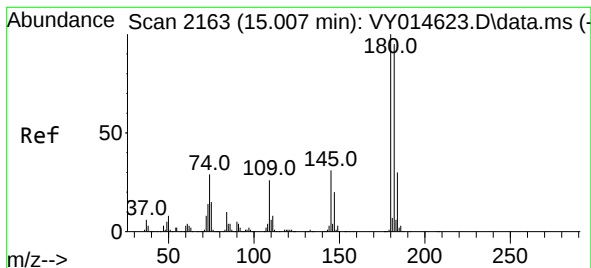
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.572 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014641.D
Acq: 14 Jul 2023 12:41

Tgt Ion: 75 Resp: 14998
Ion Ratio Lower Upper
75 100
155 89.4 41.5 124.6
157 115.0 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.687 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY014641.D

Acq: 14 Jul 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

Tgt Ion:180 Resp: 8938

Ion Ratio Lower Upper

180 100

182 94.6 47.0 141.2

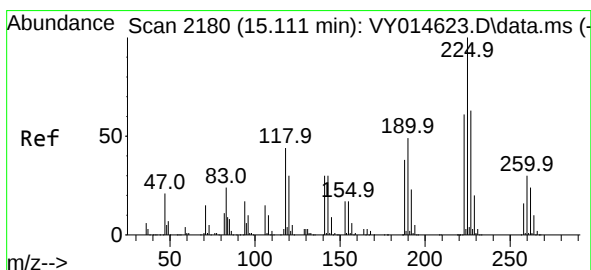
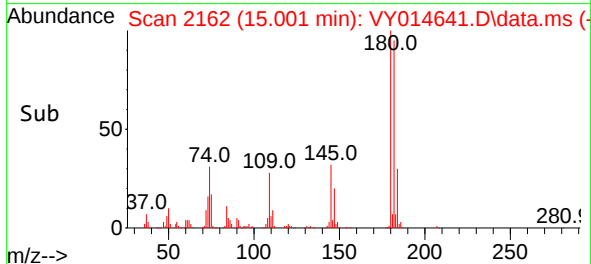
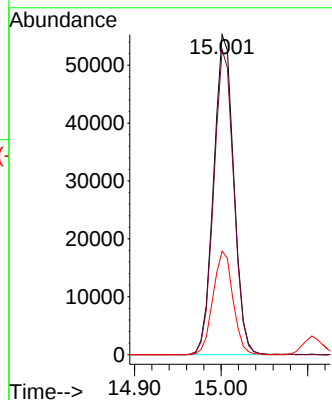
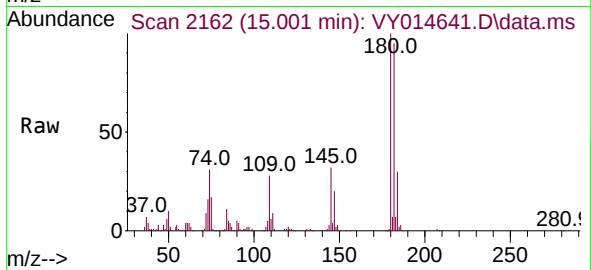
145 32.0 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#94

Hexachlorobutadiene

Concen: 19.728 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014641.D

Acq: 14 Jul 2023 12:41

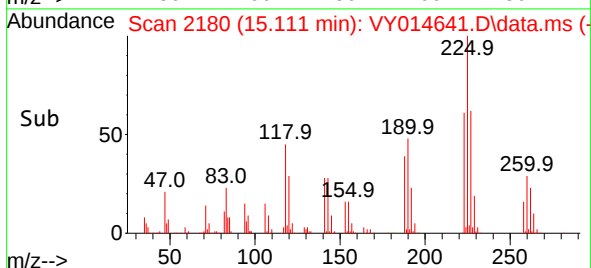
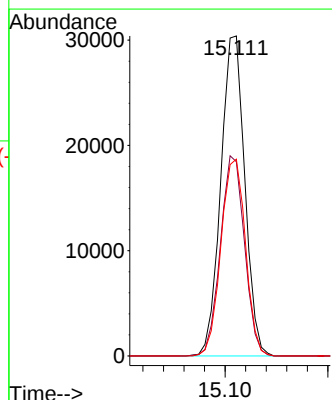
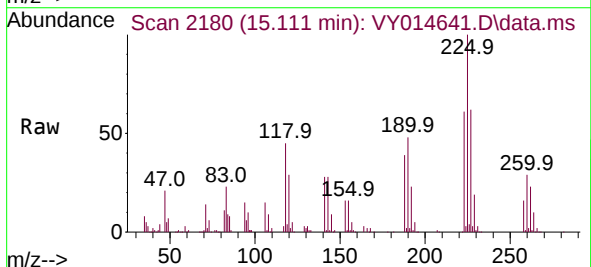
Tgt Ion:225 Resp: 49220

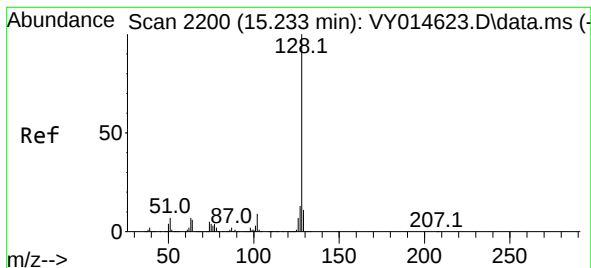
Ion Ratio Lower Upper

225 100

223 62.9 31.9 95.9

227 62.8 33.0 98.9





#95

Naphthalene

Concen: 20.268 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY014641.D

Acq: 14 Jul 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBSD01

Tgt Ion:128 Resp: 21438

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

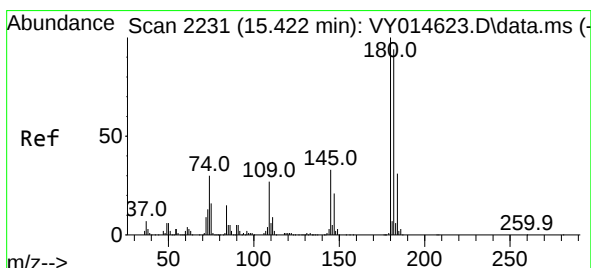
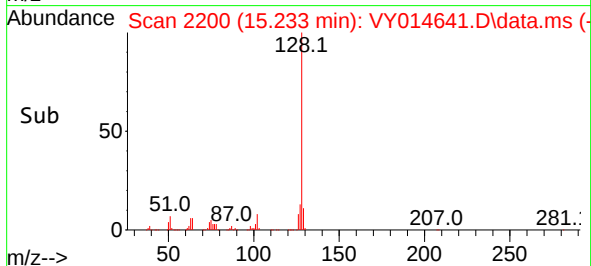
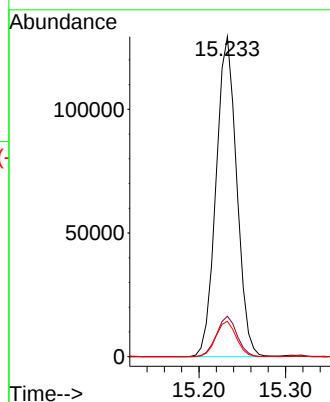
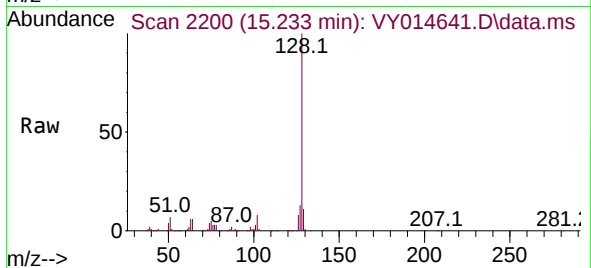
129 10.9 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#96

1,2,3-Trichlorobenzene

Concen: 20.083 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY014641.D

Acq: 14 Jul 2023 12:41

Tgt Ion:180 Resp: 81033

Ion Ratio Lower Upper

180 100

182 94.7 47.3 141.8

145 33.1 15.4 46.2

