

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
 Data File : VY014714.D
 Acq On : 20 Jul 2023 12:32
 Operator : SY/MD
 Sample : VY0720SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0720SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/21/2023
 Supervised By : Mahesh Dadoda 07/21/2023

Quant Time: Jul 20 14:09:24 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	7.789	168	238896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	393299	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	350610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	176473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	146801	53.925	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.860%			
35) Dibromofluoromethane	7.715	113	136345	54.459	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.920%			
50) Toluene-d8	10.178	98	493770	53.494	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.980%			
62) 4-Bromofluorobenzene	12.477	95	186315	52.642	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.280%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	43868	22.539	ug/l	100
3) Chloromethane	2.113	50	54158	24.754	ug/l	99
4) Vinyl Chloride	2.247	62	60940	24.923	ug/l	98
5) Bromomethane	2.631	94	41853	25.901	ug/l	99
6) Chloroethane	2.783	64	37528	24.571	ug/l	94
7) Trichlorofluoromethane	3.119	101	88691	21.597	ug/l	97
8) Diethyl Ether	3.527	74	31116	20.364	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.893	101	51902	20.620	ug/l	95
10) Methyl Iodide	4.088	142	50845	20.522	ug/l	97
11) Tert butyl alcohol	4.942	59	84396	140.335	ug/l #	93
12) 1,1-Dichloroethene	3.862	96	47367	20.135	ug/l	91
13) Acrolein	3.722	56	28498	100.156	ug/l	97
14) Allyl chloride	4.472	41	78931	18.896	ug/l	97
15) Acrylonitrile	5.161	53	89640	106.389	ug/l	98
16) Acetone	3.948	43	77889	90.289	ug/l	95
17) Carbon Disulfide	4.186	76	135666	20.143	ug/l	99
18) Methyl Acetate	4.472	43	71398	21.567	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	156342	20.459	ug/l	97
20) Methylene Chloride	4.710	84	64119	20.378	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	52986	19.847	ug/l	98
22) Diisopropyl ether	6.112	45	165343	19.470	ug/l	98
23) Vinyl Acetate	6.057	43	498113	98.015	ug/l	95
24) 1,1-Dichloroethane	6.015	63	96628	19.886	ug/l	95
25) 2-Butanone	6.984	43	131611	104.281	ug/l	100
26) 2,2-Dichloropropane	6.972	77	89879	19.408	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	62350	20.064	ug/l	97
28) Bromochloromethane	7.331	49	46728	22.329	ug/l	91
29) Tetrahydrofuran	7.350	42	83542	107.501	ug/l	91
30) Chloroform	7.502	83	101087	20.174	ug/l	98
31) Cyclohexane	7.783	56	86980	19.247	ug/l	93
32) 1,1,1-Trichloroethane	7.697	97	90172	19.995	ug/l	98
36) 1,1-Dichloropropene	7.917	75	75255	20.099	ug/l	99
37) Ethyl Acetate	7.069	43	54431	21.115	ug/l #	94
38) Carbon Tetrachloride	7.898	117	80457	20.328	ug/l	97
39) Methylcyclohexane	9.179	83	95074	19.491	ug/l	95
40) Benzene	8.161	78	215905	20.276	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)
41) Methacrylonitrile	7.307	41	27927m	21.062	ug/l	
42) 1,2-Dichloroethane	8.234	62	69825	20.707	ug/l	95
43) Isopropyl Acetate	8.270	43	100484	20.463	ug/l	96
44) Trichloroethene	8.935	130	60646	20.355	ug/l	94
45) 1,2-Dichloropropane	9.215	63	54668	19.661	ug/l	98
46) Dibromomethane	9.307	93	34426	20.409	ug/l	97
47) Bromodichloromethane	9.496	83	80362	20.213	ug/l	97
48) Methyl methacrylate	9.294	41	44335	20.065	ug/l	91
49) 1,4-Dioxane	9.301	88	12322	447.987	ug/l #	48
51) 4-Methyl-2-Pentanone	10.069	43	275356	106.800	ug/l	94
52) Toluene	10.239	92	137455	20.173	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	84971	19.539	ug/l	96
54) cis-1,3-Dichloropropene	9.928	75	93126	19.692	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	48765	20.754	ug/l	96
56) Ethyl methacrylate	10.508	69	72437	20.191	ug/l	90
57) 1,3-Dichloropropane	10.788	76	83172	20.522	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	181544	108.604	ug/l	94
59) 2-Hexanone	10.831	43	199591	106.155	ug/l	91
60) Dibromochloromethane	10.983	129	59648	20.705	ug/l	100
61) 1,2-Dibromoethane	11.087	107	48660	20.759	ug/l	100
64) Tetrachloroethene	10.721	164	59456	21.085	ug/l	91
65) Chlorobenzene	11.514	112	153490	20.544	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	57095	20.268	ug/l	98
67) Ethyl Benzene	11.593	91	267764	19.850	ug/l	99
68) m/p-Xylenes	11.696	106	209946	40.771	ug/l	96
69) o-Xylene	12.026	106	100988	20.135	ug/l	99
70) Styrene	12.044	104	172405	20.395	ug/l	97
71) Bromoform	12.209	173	40077	20.989	ug/l #	99
73) Isopropylbenzene	12.330	105	270645	19.587	ug/l	99
74) N-amyl acetate	12.141	43	90420	19.538	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.580	83	64497	20.468	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	47633m	21.372	ug/l	
77) Bromobenzene	12.605	156	62261	19.739	ug/l	94
78) n-propylbenzene	12.672	91	325077	19.523	ug/l	99
79) 2-Chlorotoluene	12.751	91	184318	19.219	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	225403	19.532	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	21590	18.755	ug/l	97
82) 4-Chlorotoluene	12.855	91	190262	19.263	ug/l	99
83) tert-Butylbenzene	13.074	119	198188	19.361	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	220897	19.505	ug/l	98
85) sec-Butylbenzene	13.251	105	293487	19.544	ug/l	99
86) p-Isopropyltoluene	13.367	119	245721	20.042	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	123688	20.149	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	124295	20.205	ug/l	98
89) n-Butylbenzene	13.696	91	231700	19.424	ug/l	96
90) Hexachloroethane	13.958	117	48683	19.332	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	114130	20.292	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12267	20.356	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	72307	20.252	ug/l	99
94) Hexachlorobutadiene	15.110	225	39062	19.909	ug/l	98
95) Naphthalene	15.232	128	172877	20.784	ug/l	98
96) 1,2,3-Trichlorobenzene	15.421	180	64814	20.426	ug/l	98

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VY0720SBSD01

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Quant Time: Jul 20 14:09:24 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

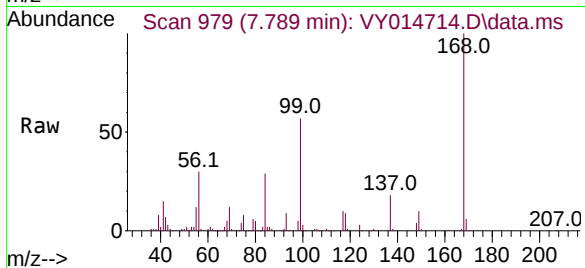
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014714.D
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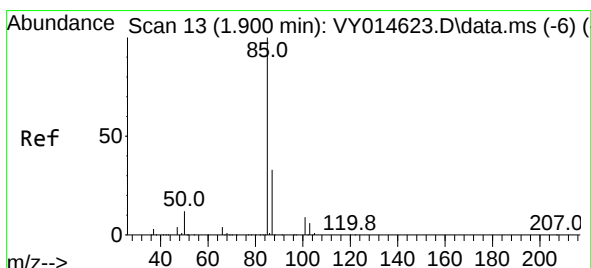
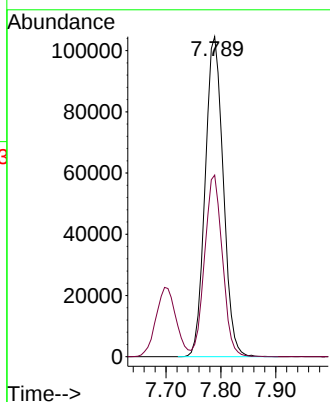
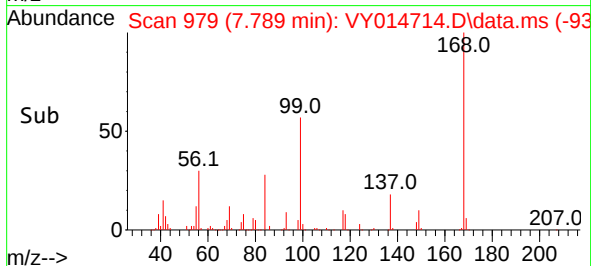
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01



Tgt Ion:168 Resp: 238890
Ion Ratio Lower Upper
168 100
99 56.8 43.4 65.0

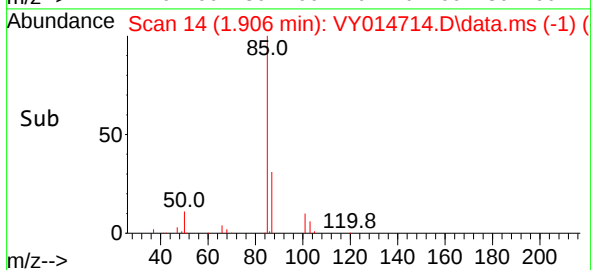
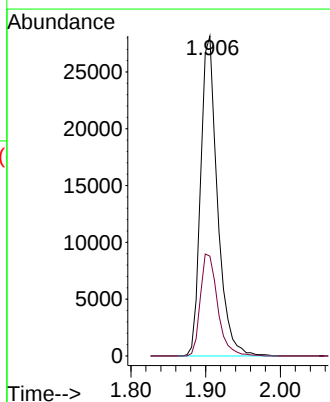
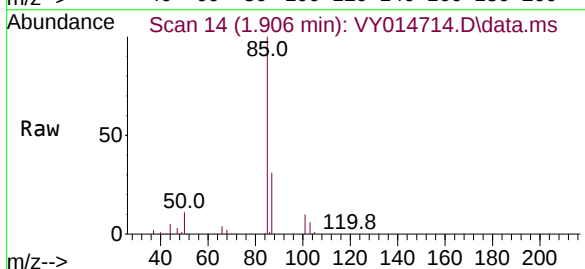
Manual Integrations
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Supervised By :Mahesh Dadoda 07/21/2023



#2
Dichlorodifluoromethane
Concen: 22.539 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

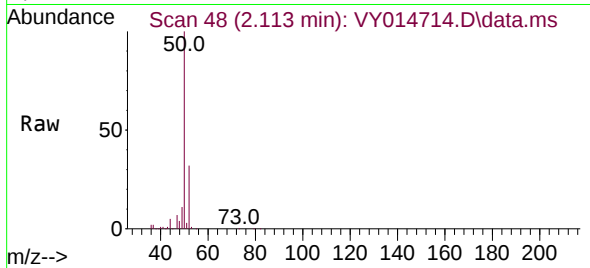
Tgt Ion: 85 Resp: 43868
Ion Ratio Lower Upper
85 100
87 31.2 15.6 46.8





#3
Chloromethane
Concen: 24.754 ug/l
RT: 2.113 min Scan# 47
Delta R.T. 0.006 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

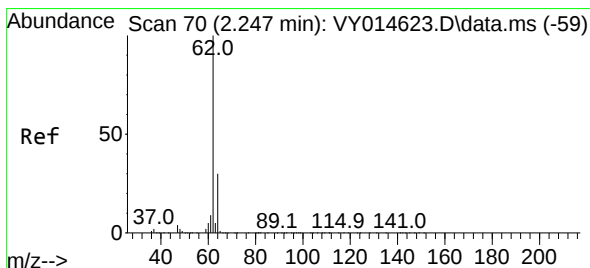
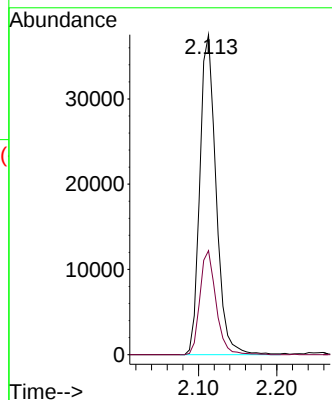
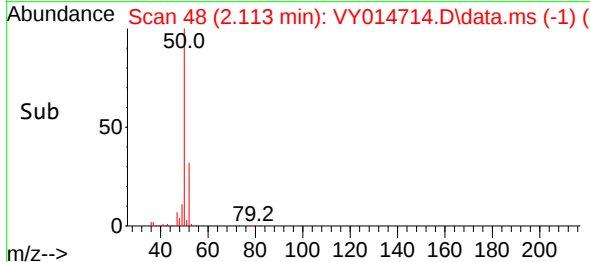
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01



Tgt Ion: 50 Resp: 54158
Ion Ratio Lower Upper
50 100
52 32.5 25.4 38.2

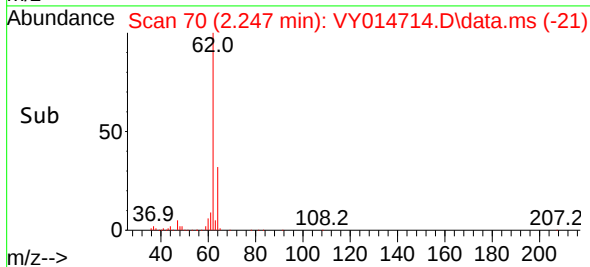
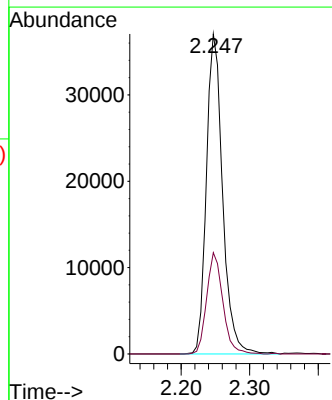
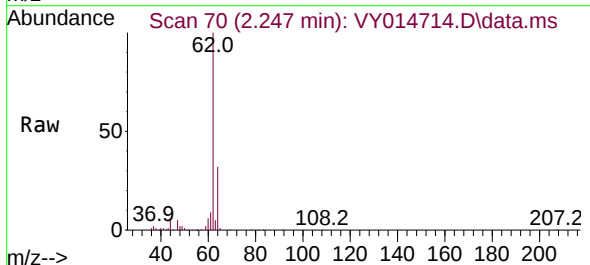
Manual Integrations
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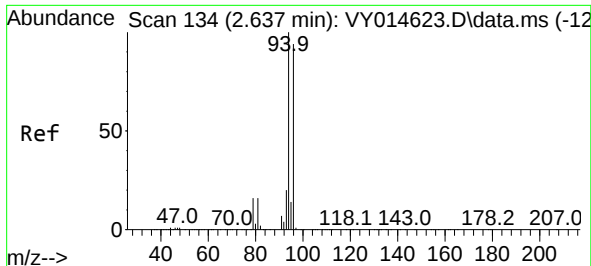
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#4
Vinyl Chloride
Concen: 24.923 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.000 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

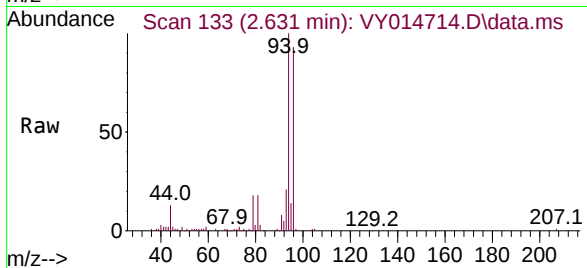
Tgt Ion: 62 Resp: 60940
Ion Ratio Lower Upper
62 100
64 31.6 24.3 36.5





#5
Bromomethane
Concen: 25.901 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

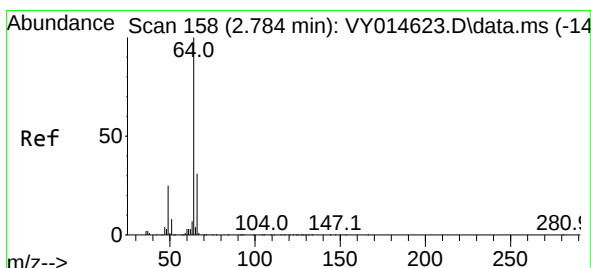
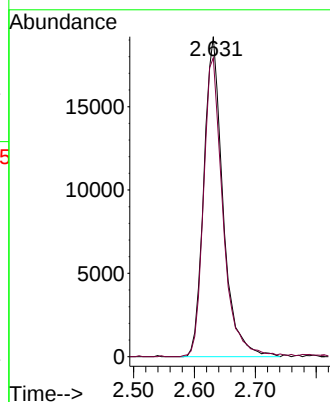
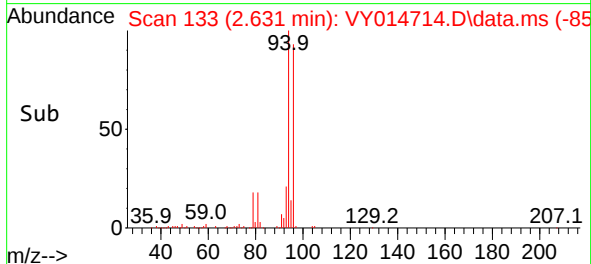
Instrument :
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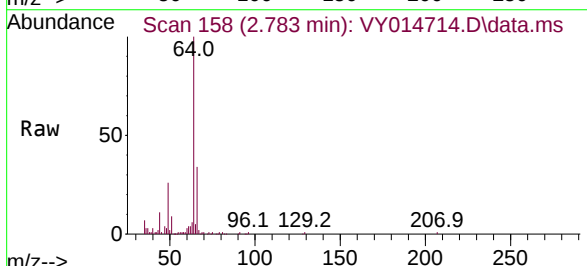
Tgt Ion: 94 Resp: 4185
Ion Ratio Lower Upper
94 100
96 93.4 75.8 113.6

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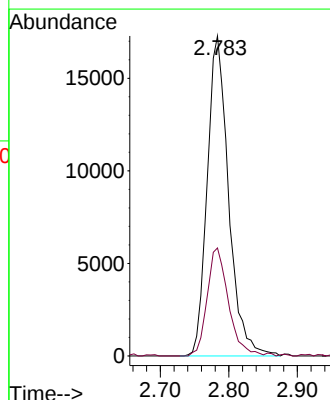
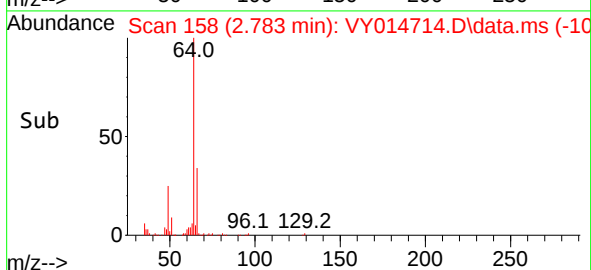
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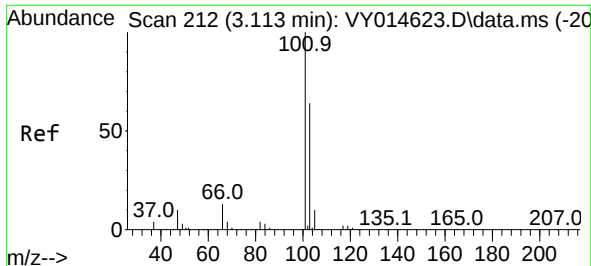


#6
Chloroethane
Concen: 24.571 ug/l
RT: 2.783 min Scan# 158
Delta R.T. -0.001 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32



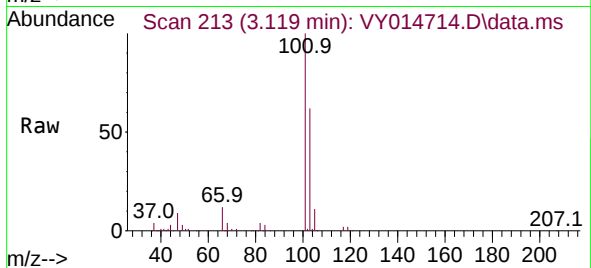
Tgt Ion: 64 Resp: 37528
Ion Ratio Lower Upper
64 100
66 33.8 24.4 36.6





#7
Trichlorofluoromethane
Concen: 21.597 ug/l
RT: 3.119 min Scan# 212
Delta R.T. 0.006 min
Lab File: VY014714.D
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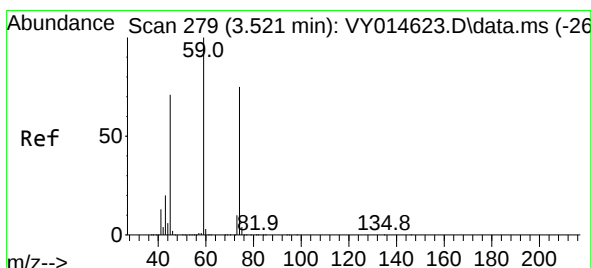
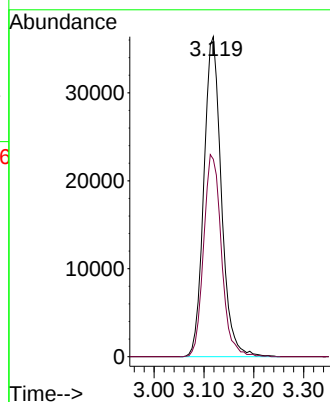
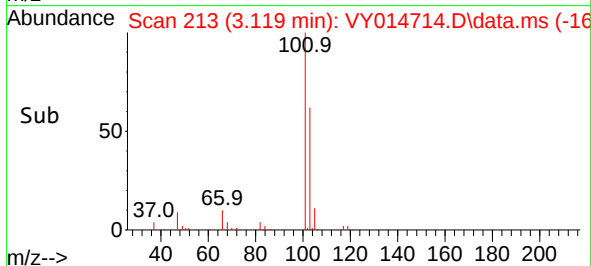
Instrument :
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VY0720SBS01



Tgt Ion: 101 Resp: 8869
Ion Ratio Lower Upper
101 100
103 61.7 51.4 77.0

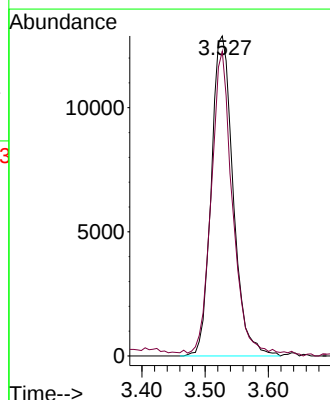
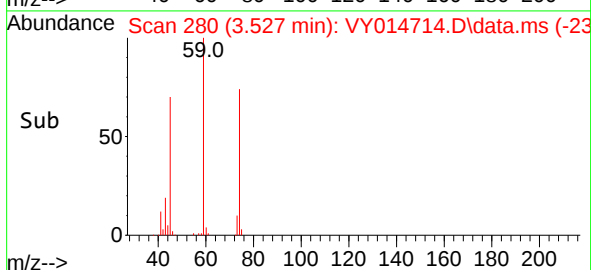
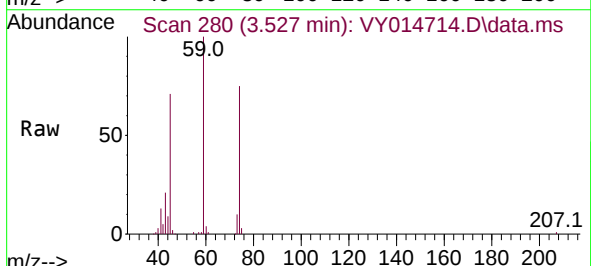
Manual Integrations
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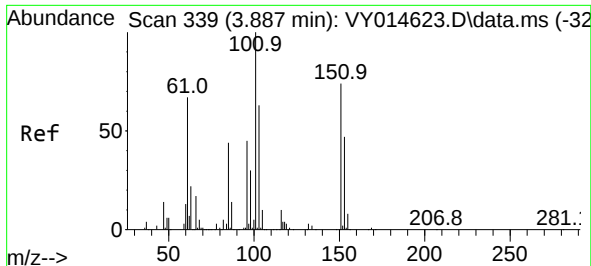
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#8
Diethyl Ether
Concen: 20.364 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.006 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

Tgt Ion: 74 Resp: 31116
Ion Ratio Lower Upper
74 100
45 89.4 51.5 154.5





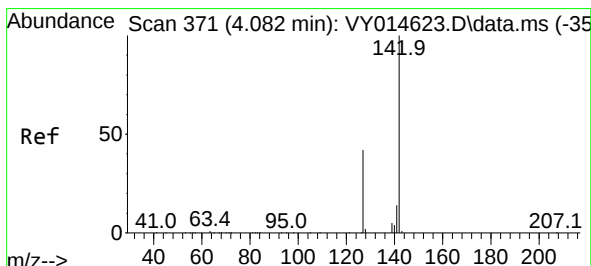
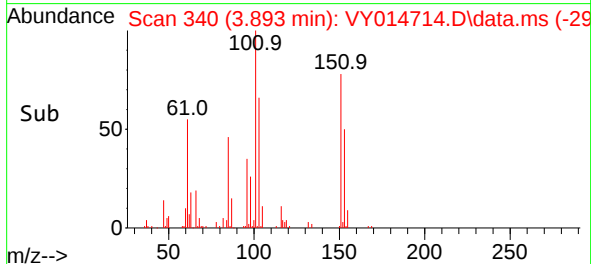
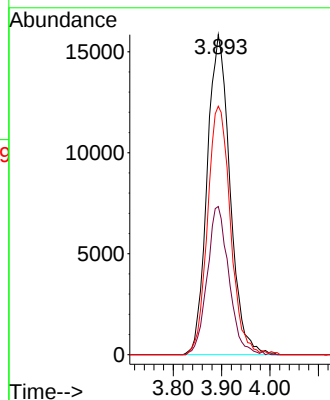
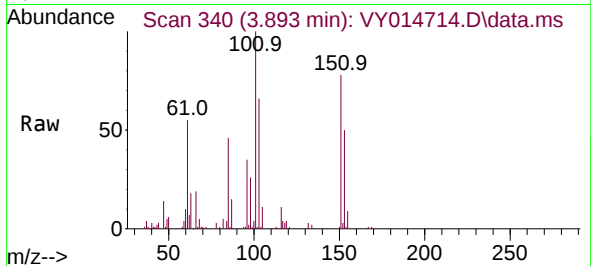
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.620 ug/l
RT: 3.893 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

Instrument :
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Tgt Ion:101 Resp: 51902
Ion Ratio Lower Upper
101 100
85 44.1 36.6 55.0
151 77.9 67.0 100.6

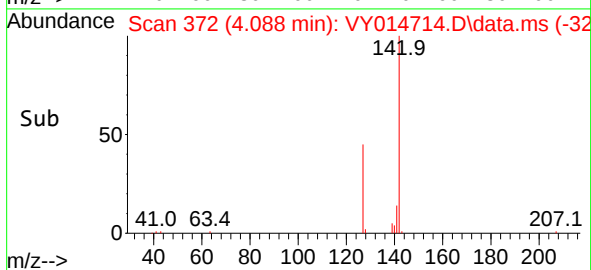
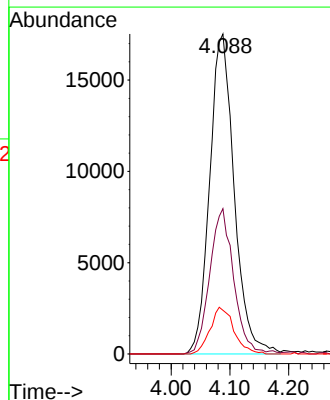
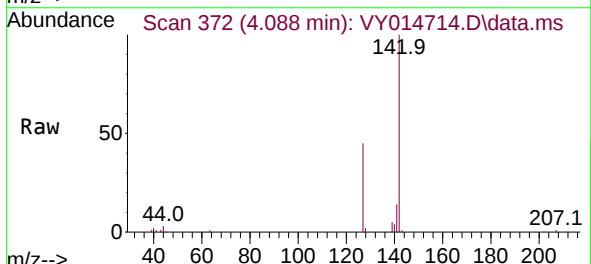
Manual Integrations
APPROVED

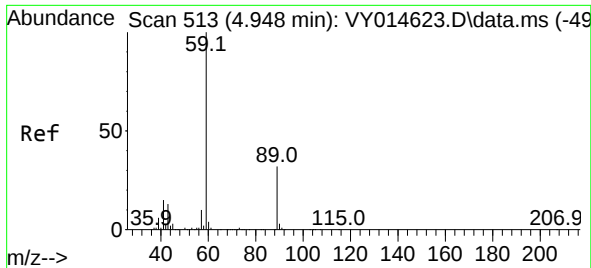
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#10
Methyl Iodide
Concen: 20.522 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

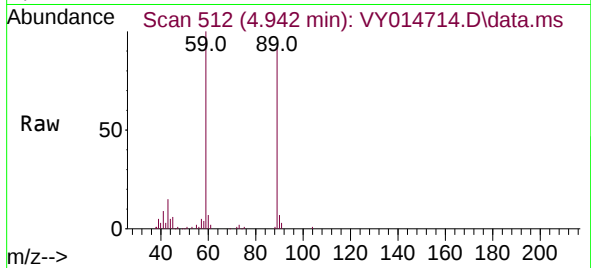
Tgt Ion:142 Resp: 50845
Ion Ratio Lower Upper
142 100
127 44.4 37.6 56.4
141 14.1 11.8 17.8





#11
Tert butyl alcohol
Concen: 140.335 ug/l
RT: 4.942 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

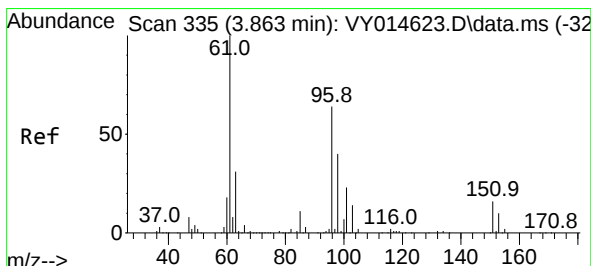
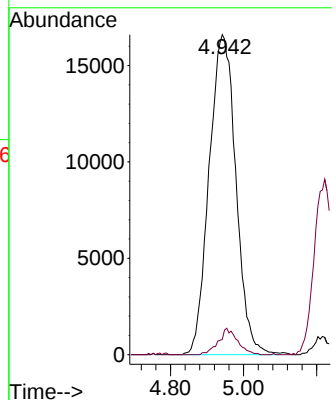
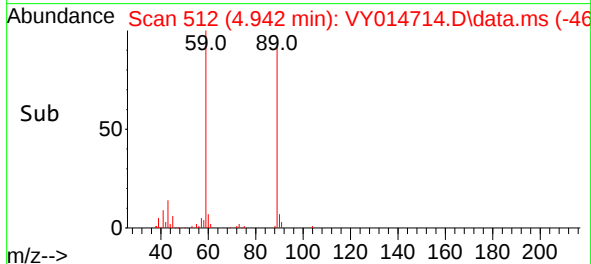
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01



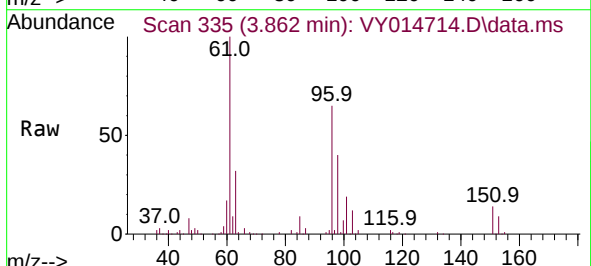
Tgt Ion: 59 Resp: 84390
Ion Ratio Lower Upper
59 100
57 5.9 3.0 4.4

Manual Integrations
APPROVED

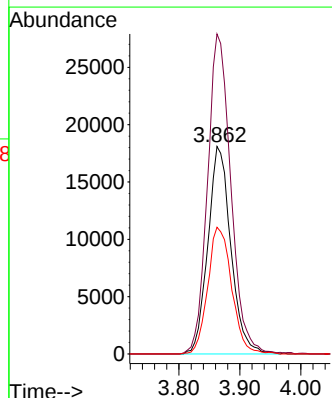
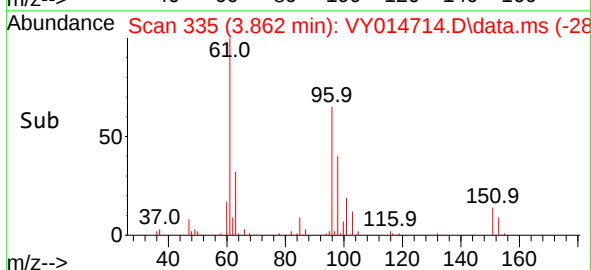
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

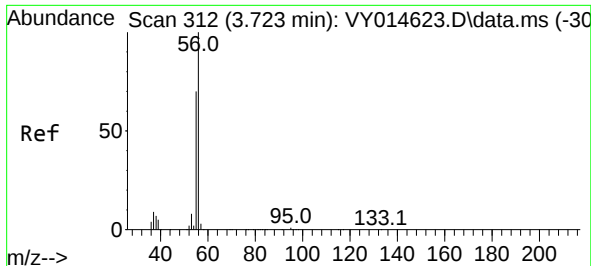


#12
1,1-Dichloroethene
Concen: 20.135 ug/l
RT: 3.862 min Scan# 335
Delta R.T. -0.001 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32



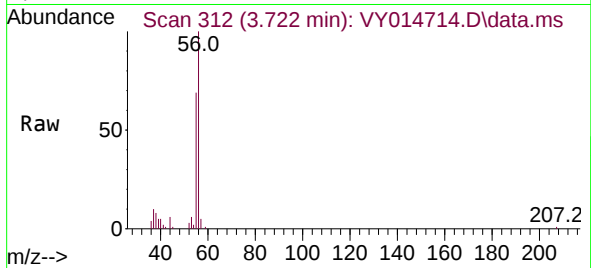
Tgt Ion: 96 Resp: 47367
Ion Ratio Lower Upper
96 100
61 154.2 136.4 204.6
98 61.1 49.4 74.2





#13
Acrolein
Concen: 100.156 ug/l
RT: 3.722 min Scan# 312
Delta R.T. -0.001 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

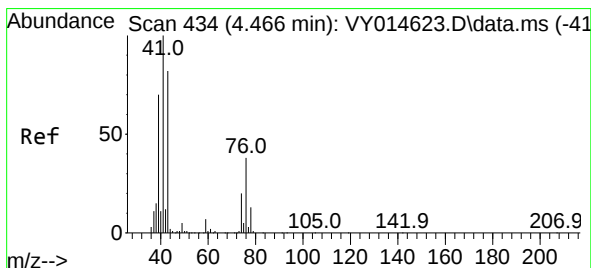
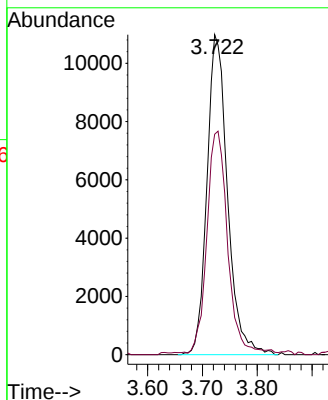
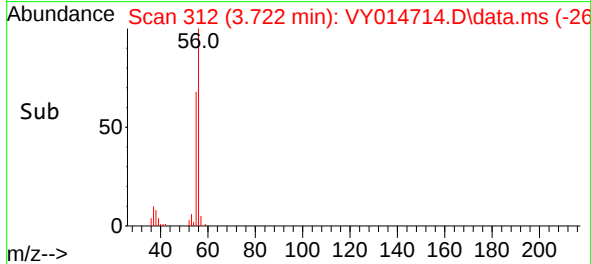
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01



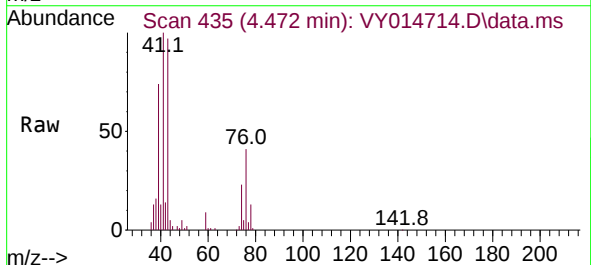
Tgt Ion: 56 Resp: 28498
Ion Ratio Lower Upper
56 100
55 68.7 57.0 85.4

Manual Integrations
APPROVED

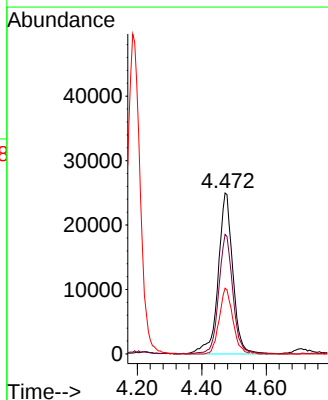
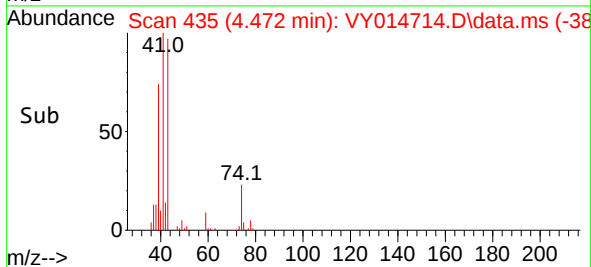
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

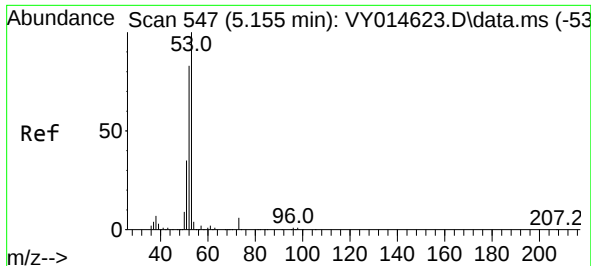


#14
Allyl chloride
Concen: 18.896 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32



Tgt Ion: 41 Resp: 78931
Ion Ratio Lower Upper
41 100
39 71.3 58.0 87.0
76 37.6 27.4 41.2





#15

Acrylonitrile

Concen: 106.389 ug/l

RT: 5.161 min Scan# 54

Delta R.T. 0.006 min

Lab File: VY014714.D

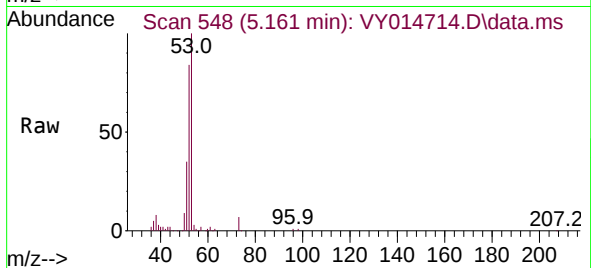
Acq: 20 Jul 2023 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0720SBS01



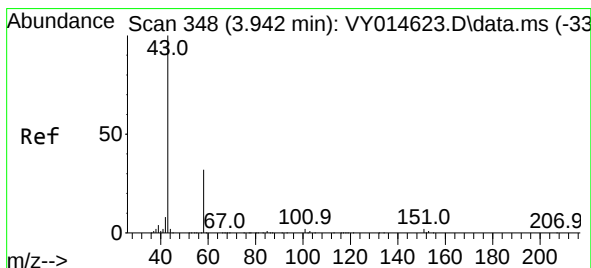
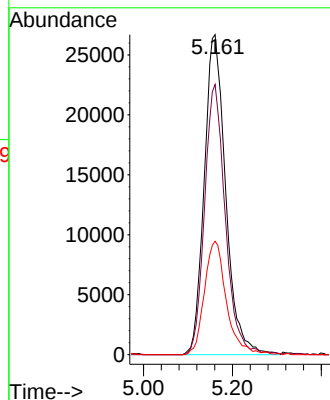
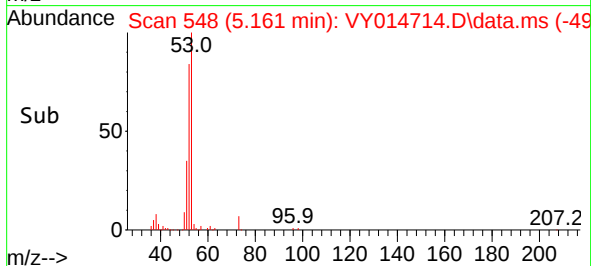
Tgt Ion: 53	Resp: 89640
Ion Ratio	Lower Upper
53	100
52	81.8 66.9 100.3
51	36.1 29.8 44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2023

Supervised By :Mahesh Dadoda 07/21/2023



#16

Acetone

Concen: 90.289 ug/l

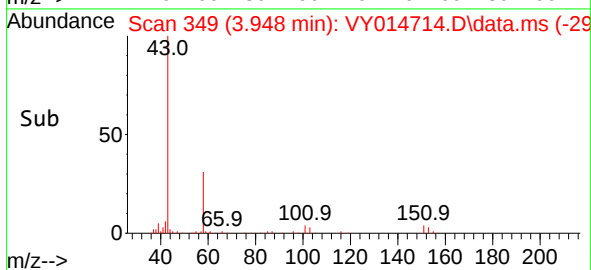
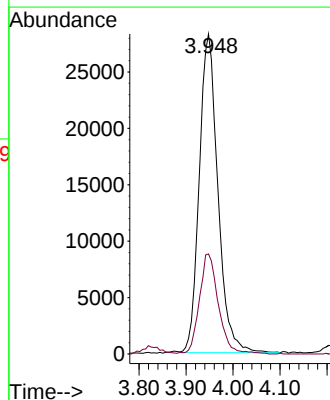
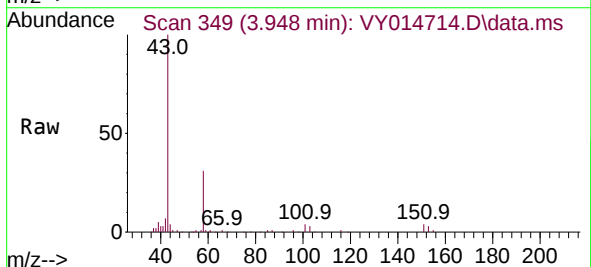
RT: 3.948 min Scan# 349

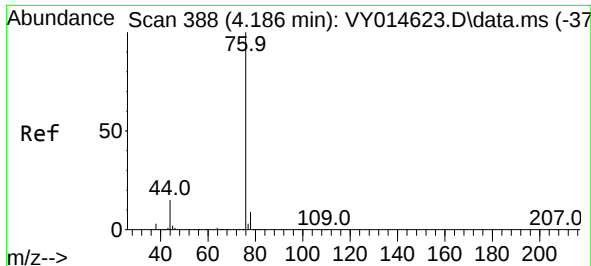
Delta R.T. 0.006 min

Lab File: VY014714.D

Acq: 20 Jul 2023 12:32

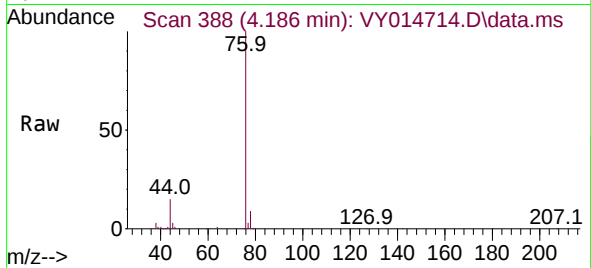
Tgt Ion: 43	Resp: 77889
Ion Ratio	Lower Upper
43	100
58	31.1 22.7 34.1





#17
Carbon Disulfide
Concen: 20.143 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

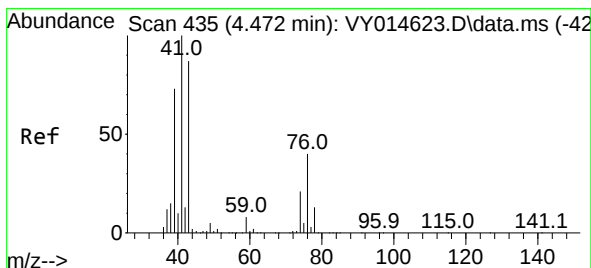
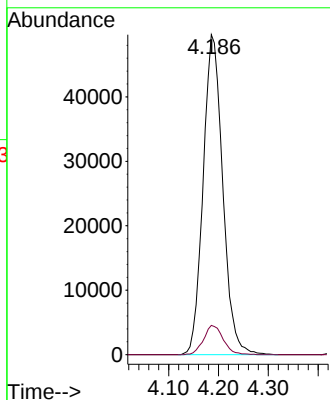
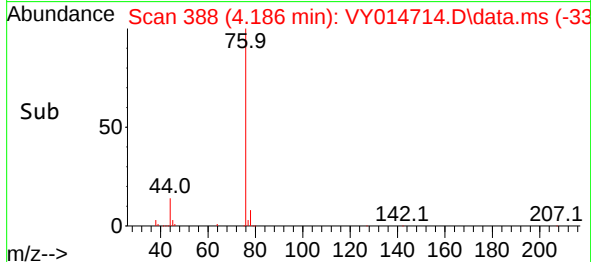
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBSD01



Tgt Ion: 76 Resp: 13566
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4

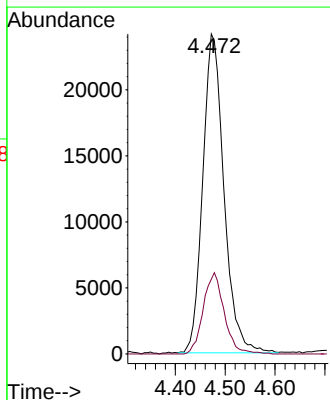
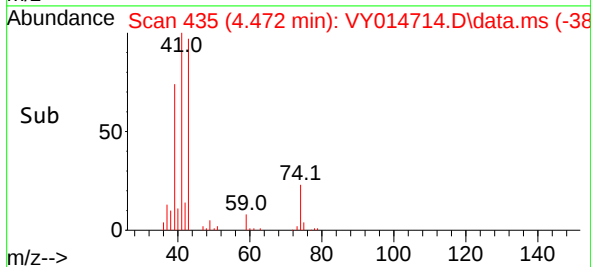
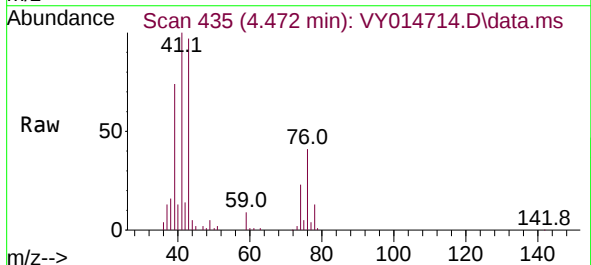
Manual Integrations
APPROVED

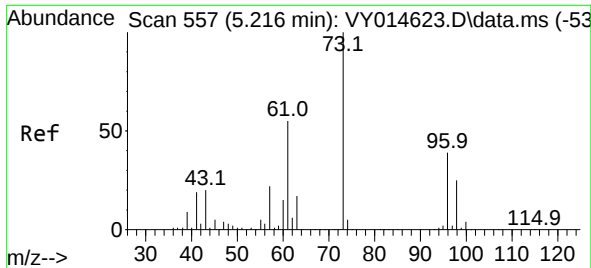
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#18
Methyl Acetate
Concen: 21.567 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

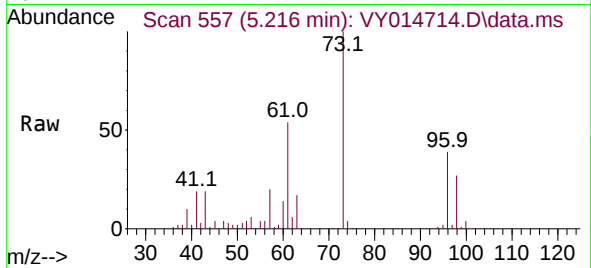
Tgt Ion: 43 Resp: 71398
Ion Ratio Lower Upper
43 100
74 25.2 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 20.459 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

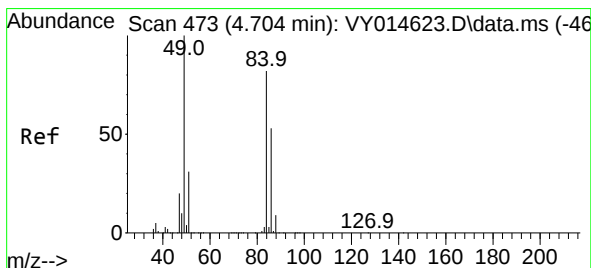
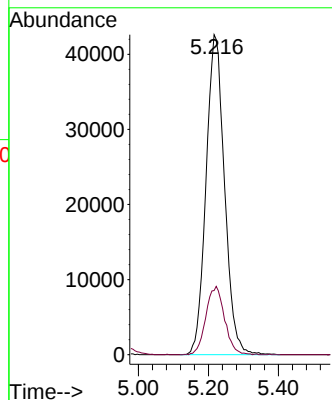
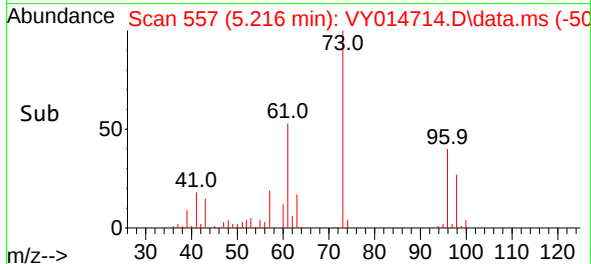
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01



Tgt Ion: 73 Resp: 15634
Ion Ratio Lower Upper
73 100
57 20.0 17.3 25.9

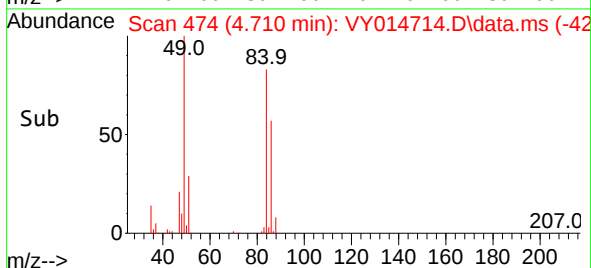
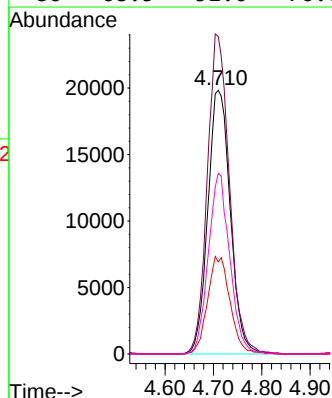
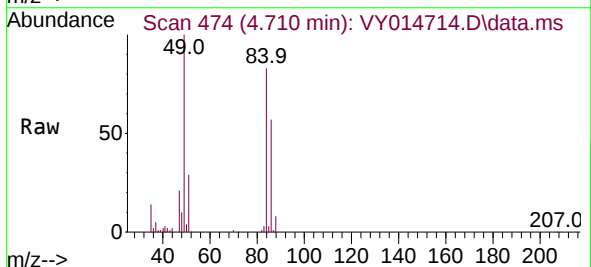
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#20
Methylene Chloride
Concen: 20.378 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

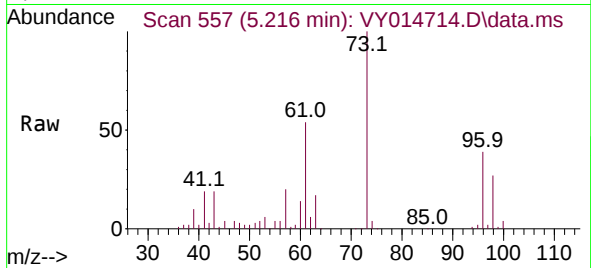
Tgt Ion: 84 Resp: 64119
Ion Ratio Lower Upper
84 100
49 120.4 106.9 160.3
51 35.0 33.2 49.8
86 68.5 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 19.847 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

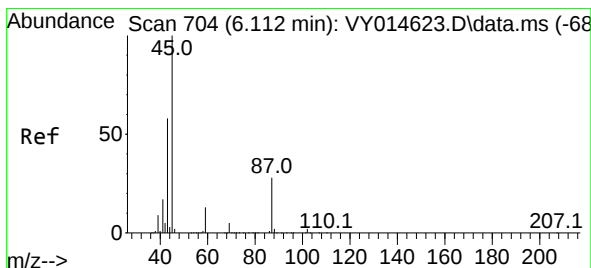
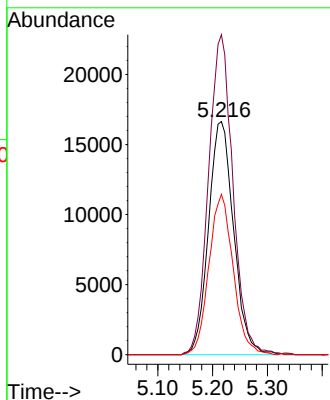
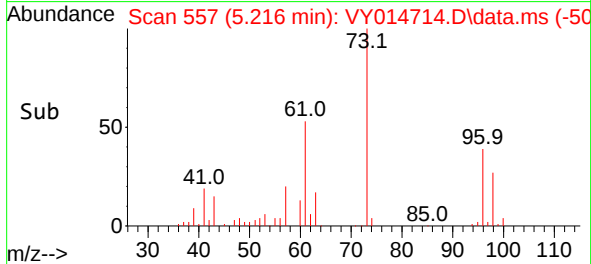
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBSD01



Tgt Ion: 96 Resp: 52980
Ion Ratio Lower Upper
96 100
61 137.3 110.2 165.4
98 68.7 51.8 77.6

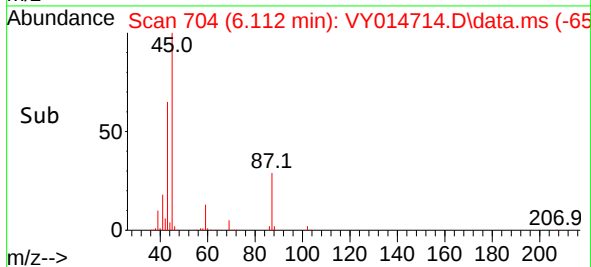
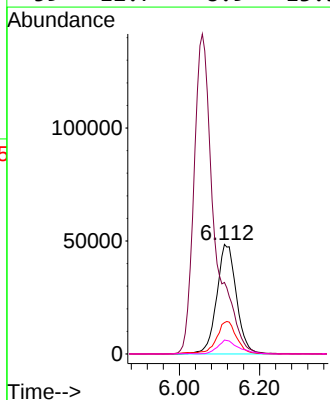
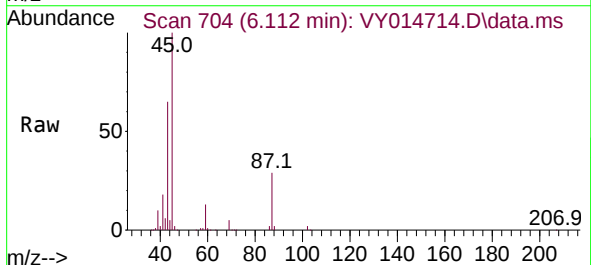
Manual Integrations
APPROVED

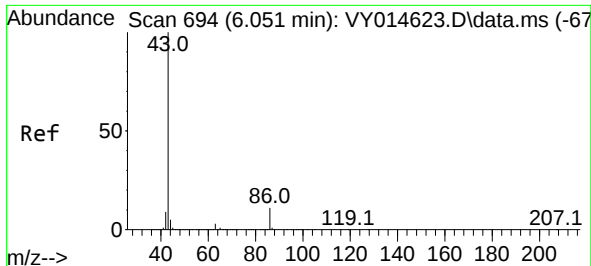
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#22
Diisopropyl ether
Concen: 19.470 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

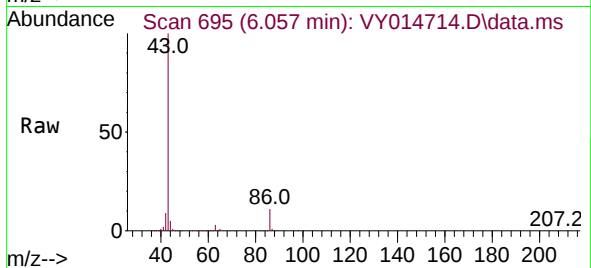
Tgt Ion: 45 Resp: 165343
Ion Ratio Lower Upper
45 100
43 64.9 52.2 78.4
87 28.6 21.0 31.6
59 12.7 8.9 13.3





#23
 Vinyl Acetate
 Concen: 98.015 ug/l
 RT: 6.057 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY014714.D
 Acq: 20 Jul 2023 12:32

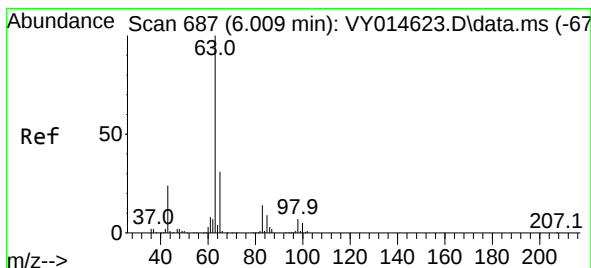
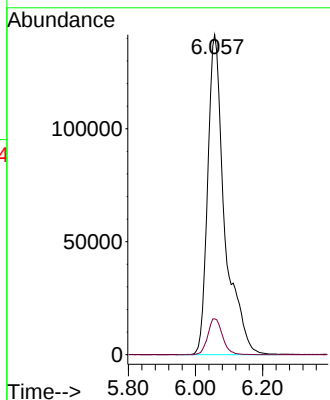
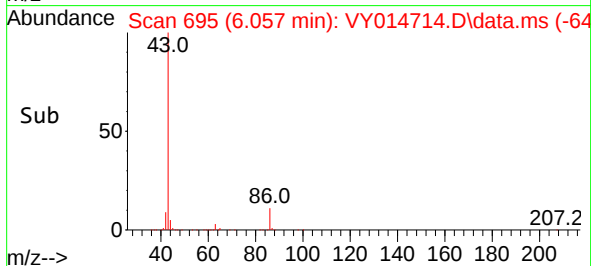
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0720SBS01



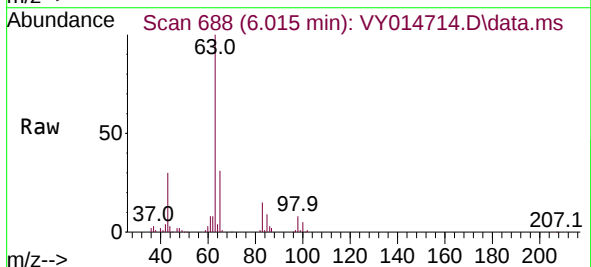
Tgt Ion: 43 Resp: 49811
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.5 11.3

Manual Integrations
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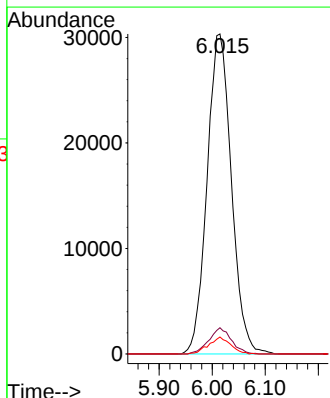
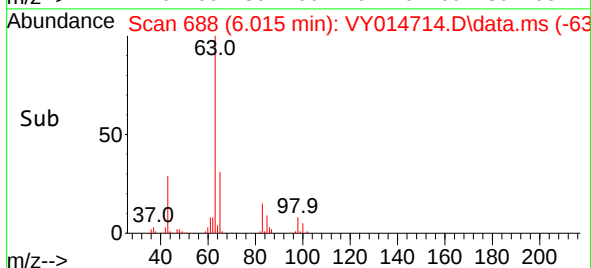
Reviewed By :John Carlone 07/21/2023
 Supervised By :Mahesh Dadoda 07/21/2023



#24
 1,1-Dichloroethane
 Concen: 19.886 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY014714.D
 Acq: 20 Jul 2023 12:32



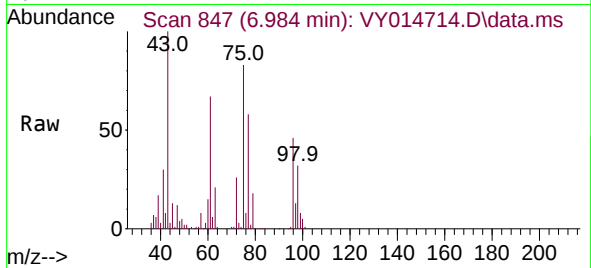
Tgt Ion: 63 Resp: 96628
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.1 9.4
 100 5.3 1.8 5.5





#25
2-Butanone
Concen: 104.281 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

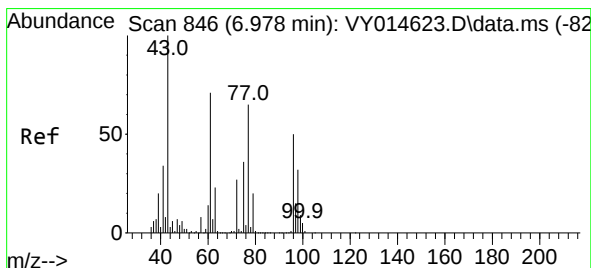
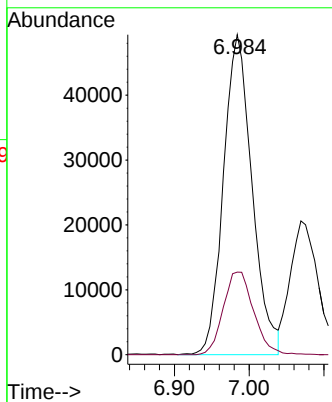
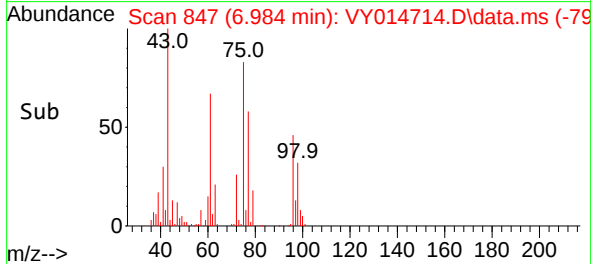
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01



Tgt Ion: 43 Resp: 13161
Ion Ratio Lower Upper
43 100
72 25.8 20.5 30.7

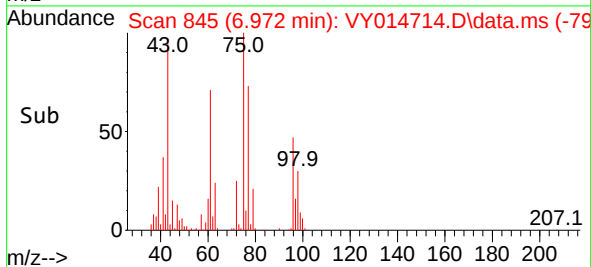
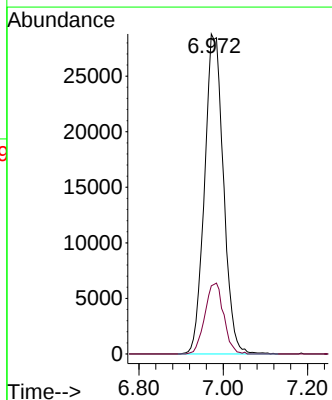
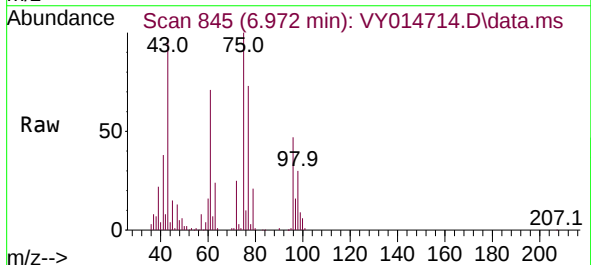
Manual Integrations
APPROVED

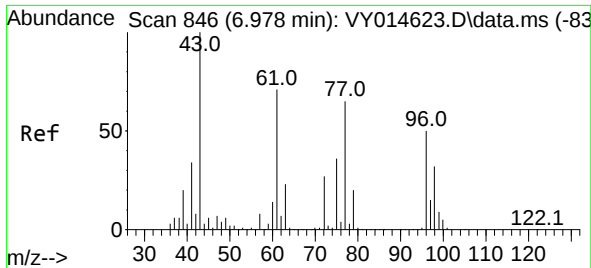
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#26
2,2-Dichloropropane
Concen: 19.408 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

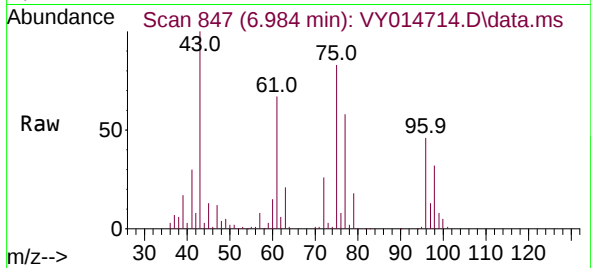
Tgt Ion: 77 Resp: 89879
Ion Ratio Lower Upper
77 100
97 22.0 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 20.064 ug/l
 RT: 6.984 min Scan# 846
 Delta R.T. 0.006 min
 Lab File: VY014714.D
 Acq: 20 Jul 2023 12:32

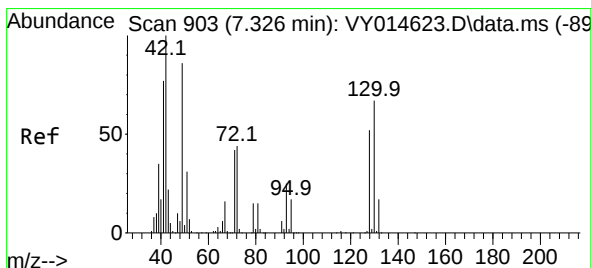
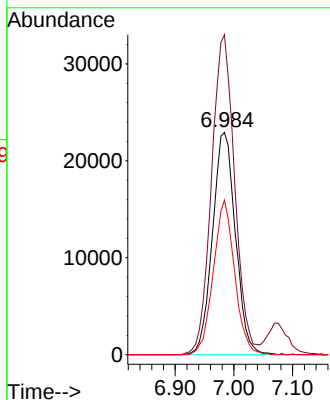
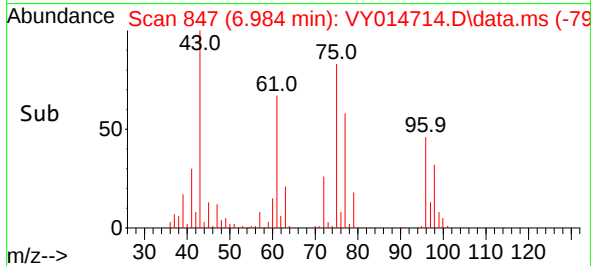
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0720SBS01



Tgt Ion: 96 Resp: 62350
 Ion Ratio Lower Upper
 96 100
 61 145.5 0.0 301.4
 98 64.5 0.0 130.4

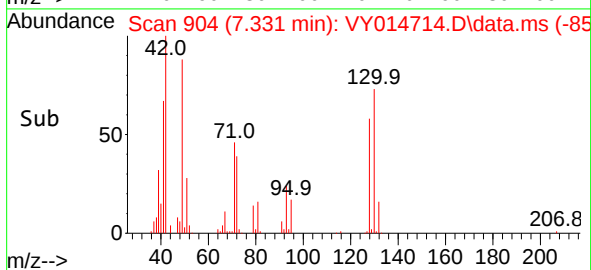
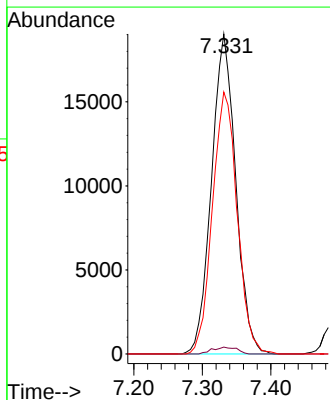
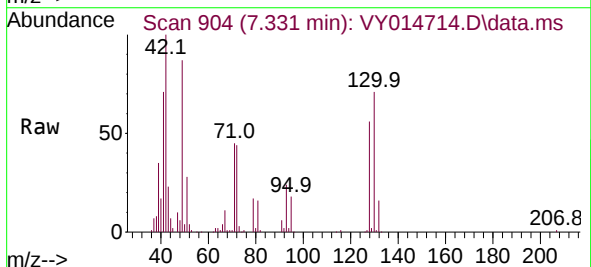
Manual Integrations
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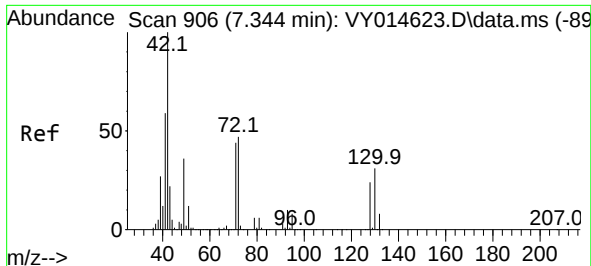
Reviewed By :John Carlone 07/21/2023
 Supervised By :Mahesh Dadoda 07/21/2023



#28
 Bromochloromethane
 Concen: 22.329 ug/l
 RT: 7.331 min Scan# 904
 Delta R.T. 0.005 min
 Lab File: VY014714.D
 Acq: 20 Jul 2023 12:32

Tgt Ion: 49 Resp: 46728
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 83.6 60.7 91.1





#29

Tetrahydrofuran

Concen: 107.501 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY014714.D

Acq: 20 Jul 2023 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0720SBS01

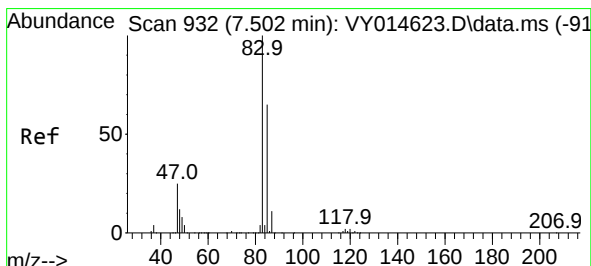
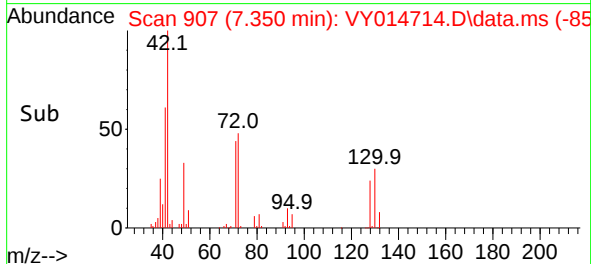
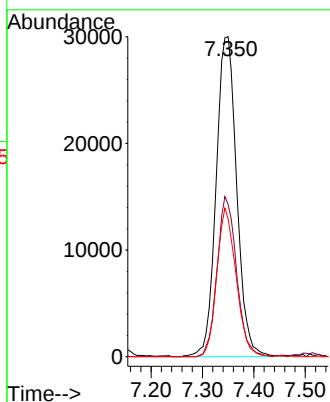
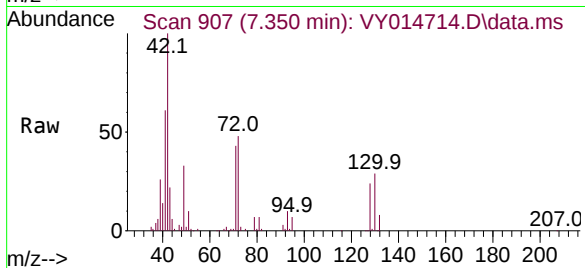
Tgt Ion:	42	Resp:	8354
Ion Ratio	Lower	Upper	
42	100		
72	47.4	32.8	49.2
71	43.4	31.0	46.4

Manual Integrations

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Reviewed By :John Carlone 07/21/2023

Supervised By :Mahesh Dadoda 07/21/2023



#30

Chloroform

Concen: 20.174 ug/l

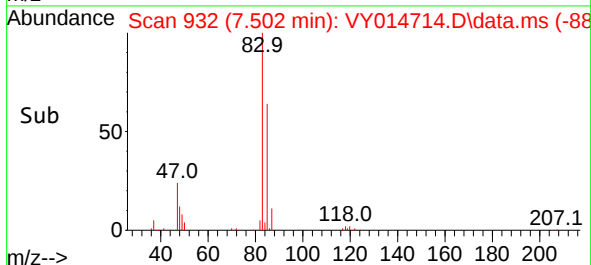
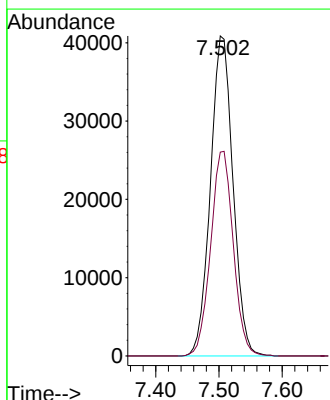
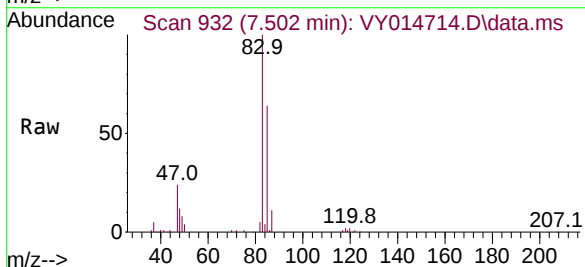
RT: 7.502 min Scan# 932

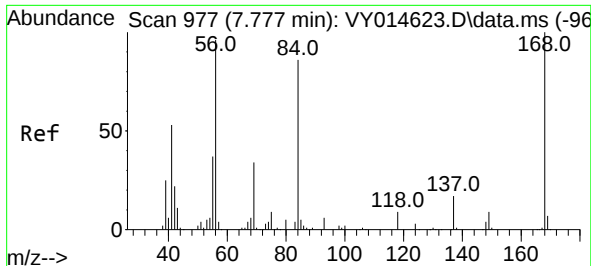
Delta R.T. 0.000 min

Lab File: VY014714.D

Acq: 20 Jul 2023 12:32

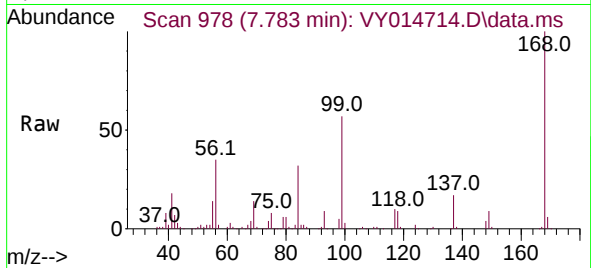
Tgt Ion:	83	Resp:	101087
Ion Ratio	Lower	Upper	
83	100		
85	63.7	49.7	74.5





#31
Cyclohexane
Concen: 19.247 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

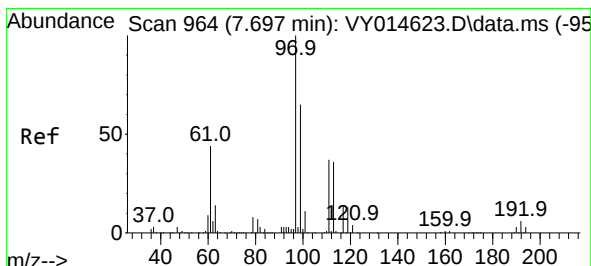
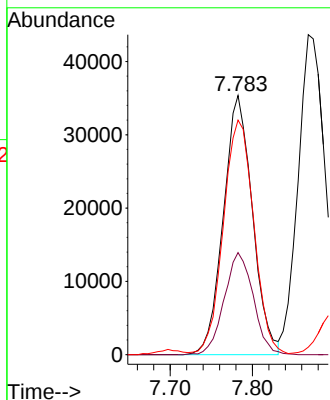
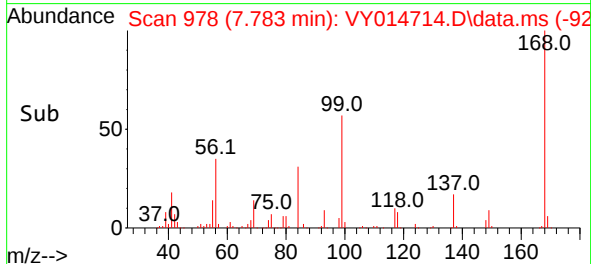
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01



Tgt Ion: 56 Resp: 86980
Ion Ratio Lower Upper
56 100
69 39.4 27.8 41.6
84 89.0 66.4 99.6

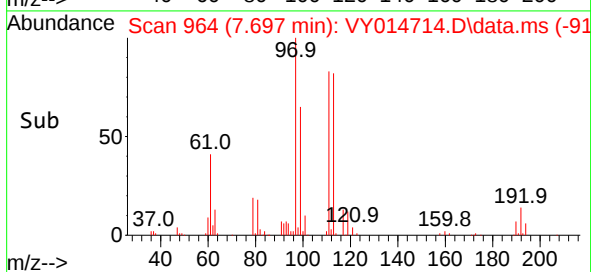
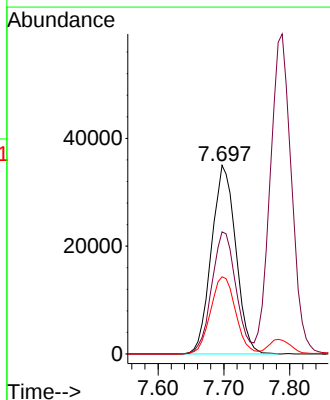
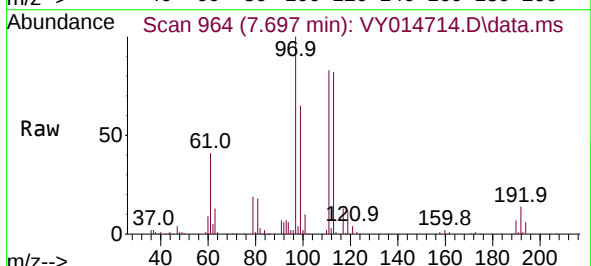
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#32
1,1,1-Trichloroethane
Concen: 19.995 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

Tgt Ion: 97 Resp: 90172
Ion Ratio Lower Upper
97 100
99 64.9 50.8 76.2
61 42.0 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 53.925 ug/l

RT: 8.142 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY014714.D

Acq: 20 Jul 2023 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0720SBS01

Tgt Ion: 65 Resp: 14680

Ion Ratio Lower Upper

65 100

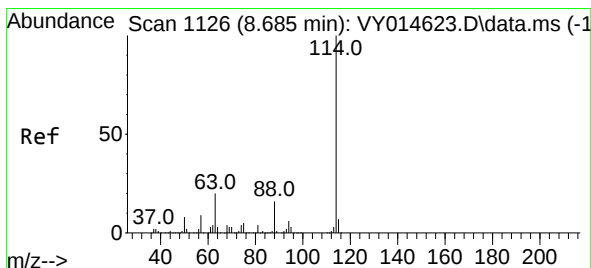
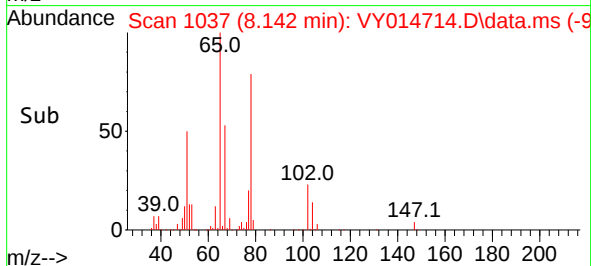
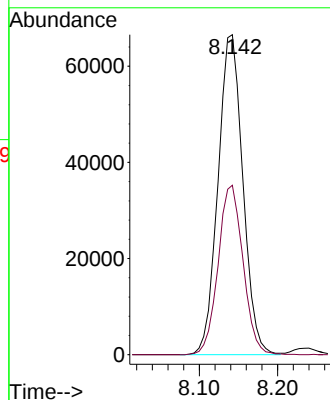
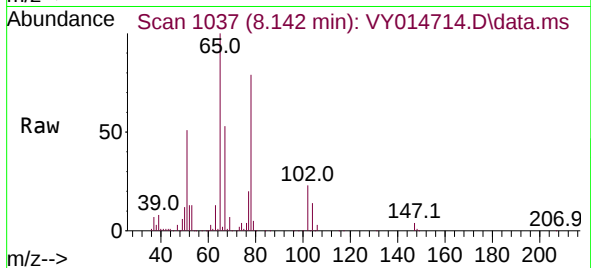
67 53.1 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2023

Supervised By :Mahesh Dadoda 07/21/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014714.D

Acq: 20 Jul 2023 12:32

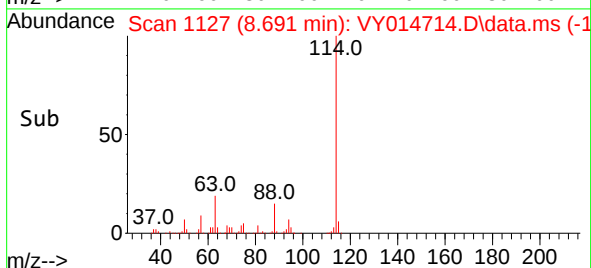
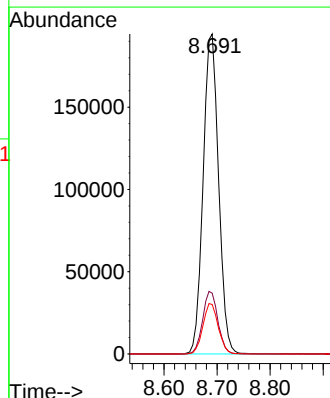
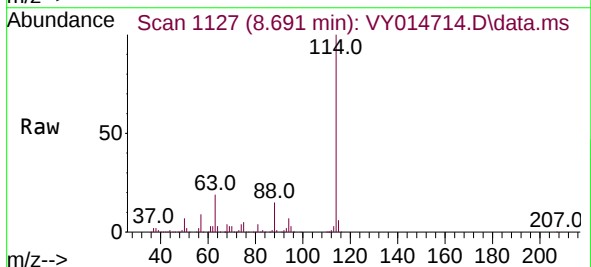
Tgt Ion:114 Resp: 393299

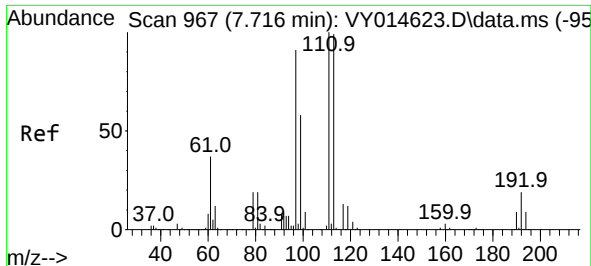
Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

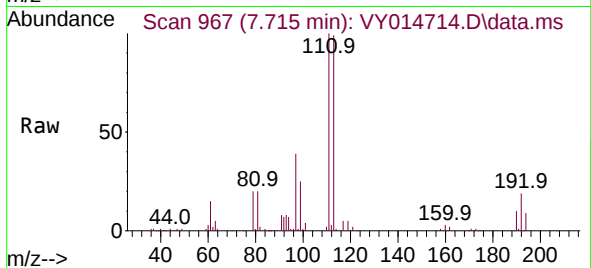
88 15.4 0.0 30.6





#35
Dibromofluoromethane
Concen: 54.459 ug/l
RT: 7.715 min Scan# 90
Delta R.T. -0.001 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

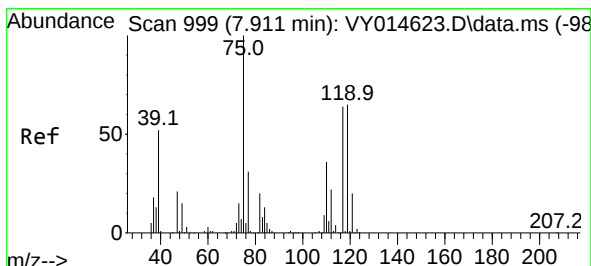
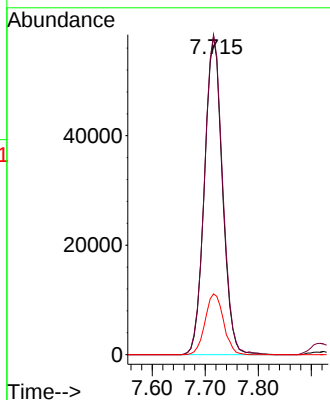
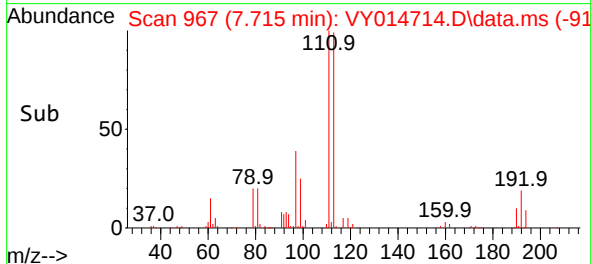
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01



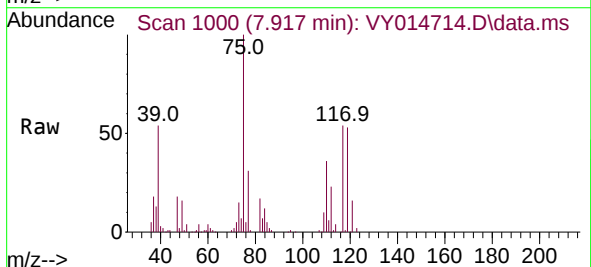
Tgt Ion:113 Resp: 13634
Ion Ratio Lower Upper
113 100
111 102.0 81.3 121.9
192 19.7 16.9 25.3

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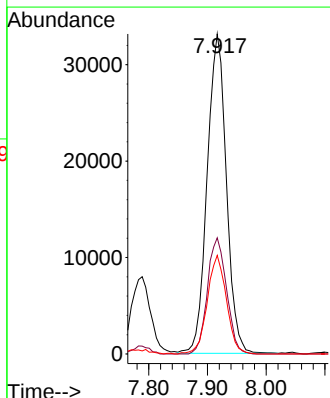
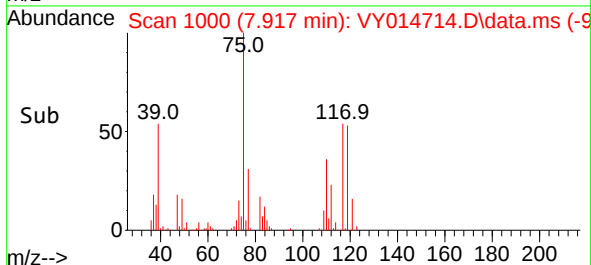
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

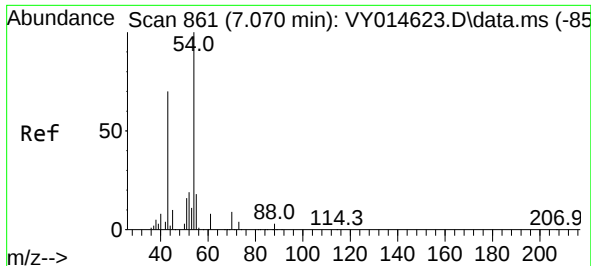


#36
1,1-Dichloropropene
Concen: 20.099 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32



Tgt Ion: 75 Resp: 75255
Ion Ratio Lower Upper
75 100
110 36.2 17.8 53.5
77 30.8 24.4 36.6





#37

Ethyl Acetate

Concen: 21.115 ug/l

RT: 7.069 min Scan# 80

Delta R.T. -0.001 min

Lab File: VY014714.D

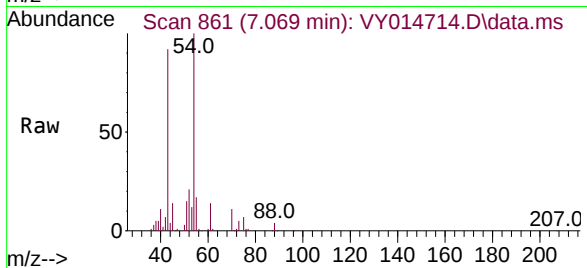
Acq: 20 Jul 2023 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0720SBS01



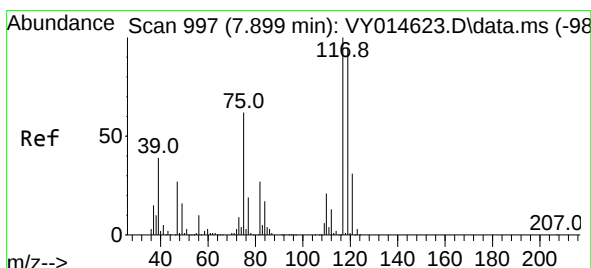
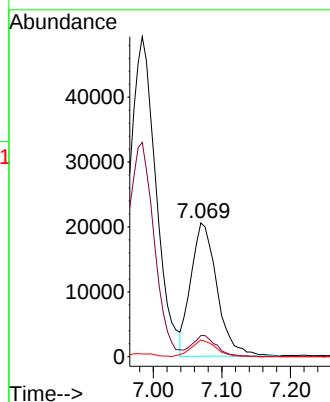
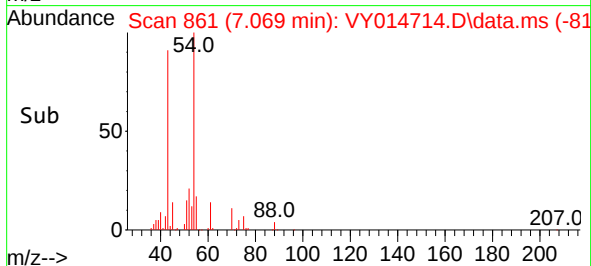
Tgt Ion:	43	Resp:	5443
Ion	Ratio	Lower	Upper
43	100		
61	14.6	10.1	15.1
70	11.9	7.1	10.7

Manual Integrations

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Reviewed By :John Carlone 07/21/2023

Supervised By :Mahesh Dadoda 07/21/2023



#38

Carbon Tetrachloride

Concen: 20.328 ug/l

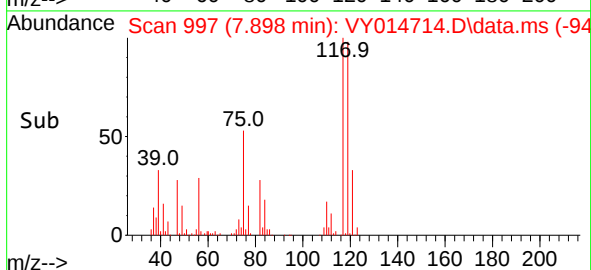
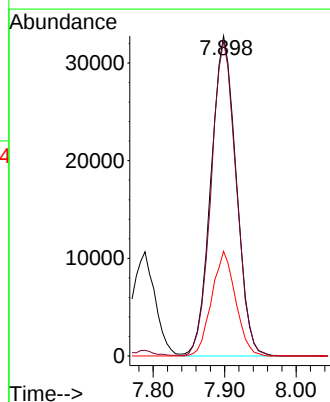
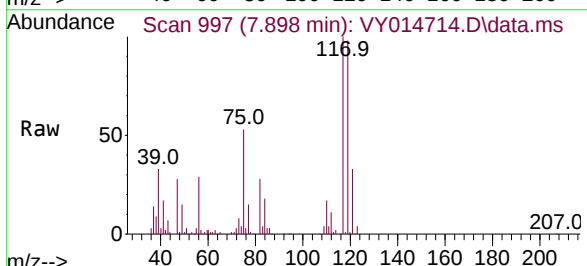
RT: 7.898 min Scan# 997

Delta R.T. -0.001 min

Lab File: VY014714.D

Acq: 20 Jul 2023 12:32

Tgt Ion:	117	Resp:	80457
Ion	Ratio	Lower	Upper
117	100		
119	98.5	76.4	114.6
121	32.7	25.8	38.6





#39

Methylcyclohexane

Concen: 19.491 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY014714.D

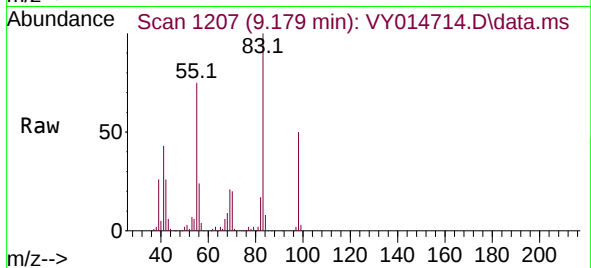
Acq: 20 Jul 2023 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0720SBS01



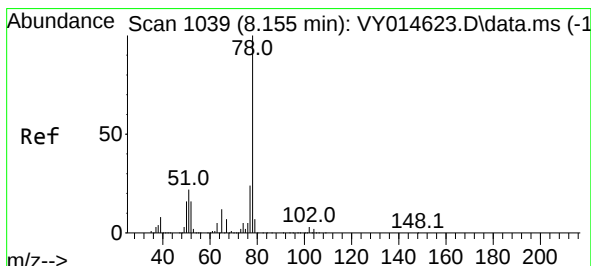
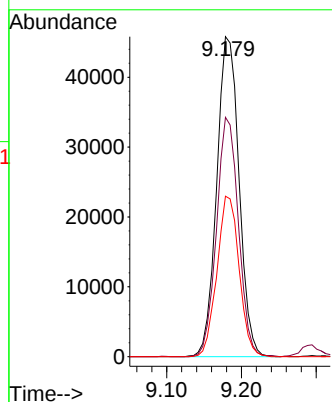
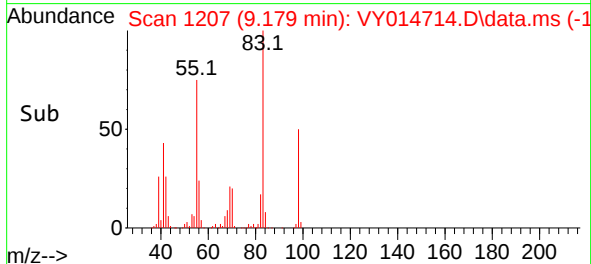
Tgt Ion: 83	Resp: 95074
Ion Ratio	Lower Upper
83	100
55	74.8 63.0 94.4
98	50.2 37.4 56.2

Manual Integrations

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Reviewed By :John Carlone 07/21/2023

Supervised By :Mahesh Dadoda 07/21/2023



#40

Benzene

Concen: 20.276 ug/l

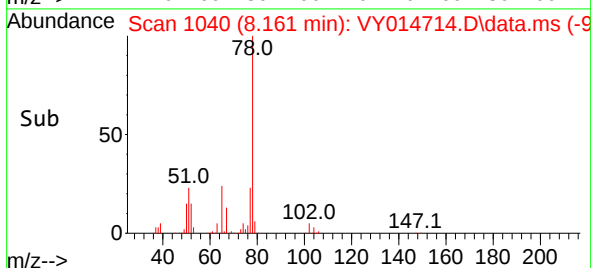
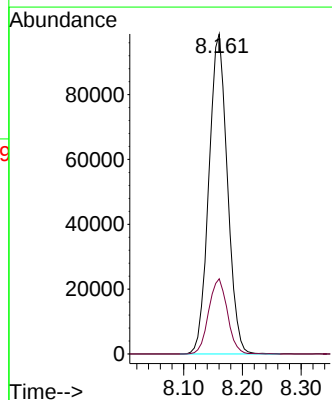
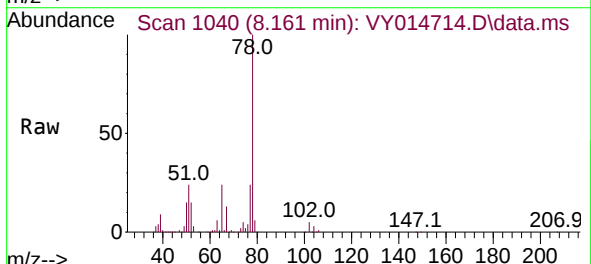
RT: 8.161 min Scan# 1040

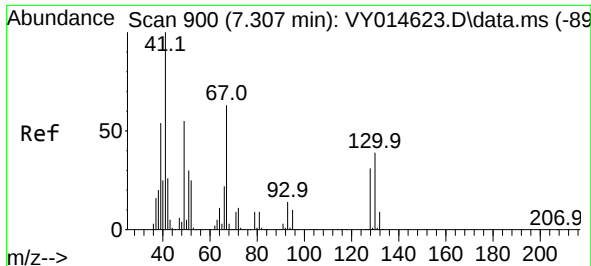
Delta R.T. 0.006 min

Lab File: VY014714.D

Acq: 20 Jul 2023 12:32

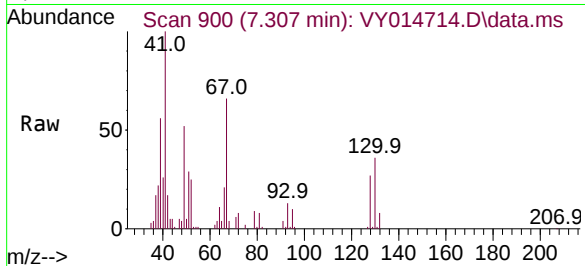
Tgt Ion: 78	Resp: 215905
Ion Ratio	Lower Upper
78	100
77	23.5 19.0 28.6





#41
Methacrylonitrile
Concen: 21.062 ug/l m
RT: 7.307 min Scan# 900
Delta R.T. -0.000 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

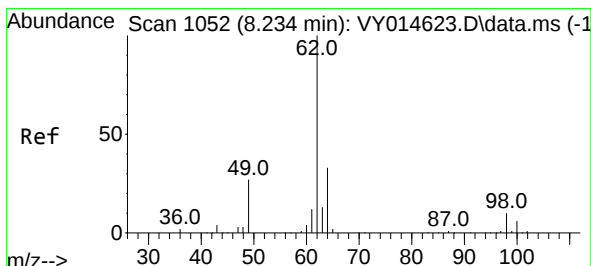
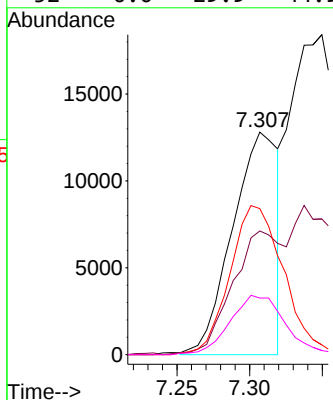
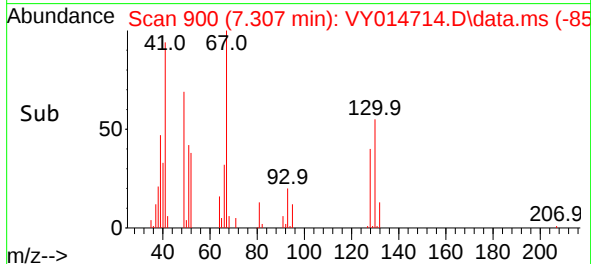
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01



Tgt Ion: 41 Resp: 2792
Ion Ratio Lower Upper
41 100
39 70.4 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

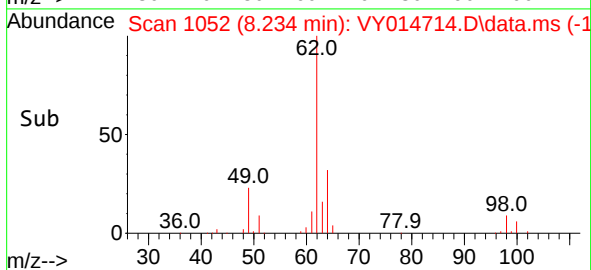
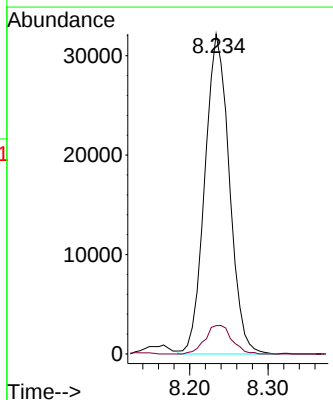
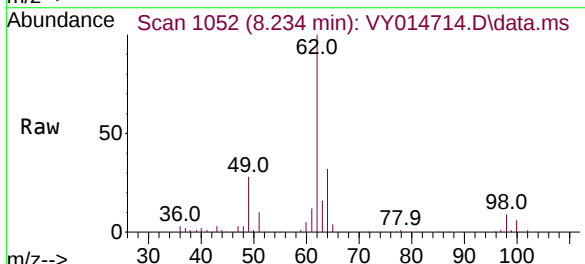
Manual Integrations
APPROVED

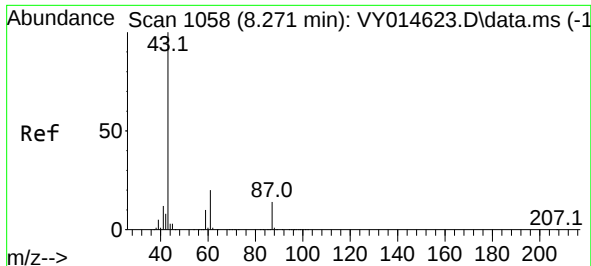
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#42
1,2-Dichloroethane
Concen: 20.707 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

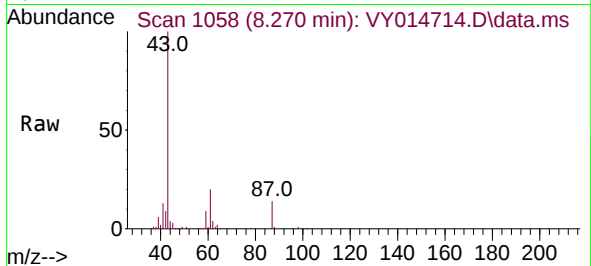
Tgt Ion: 62 Resp: 69825
Ion Ratio Lower Upper
62 100
98 9.7 0.0 15.8





#43
Isopropyl Acetate
Concen: 20.463 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.001 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

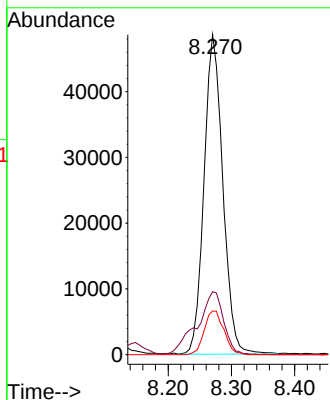
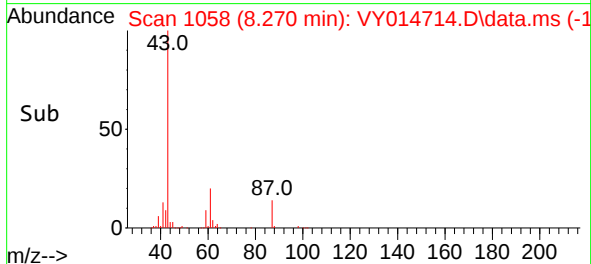
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01



Tgt Ion: 43 Resp: 100484
Ion Ratio Lower Upper
43 100
61 27.9 21.1 31.7
87 14.2 9.8 14.8

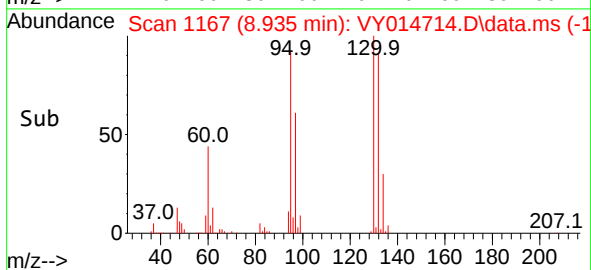
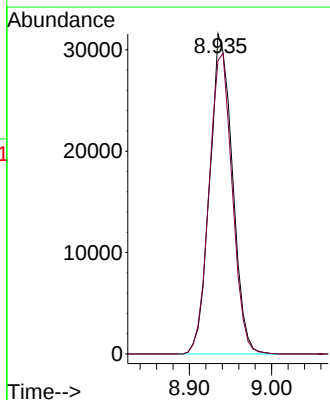
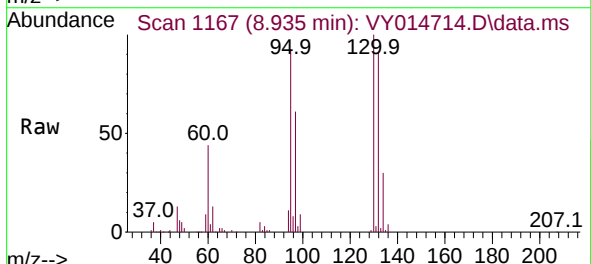
Manual Integrations
APPROVED

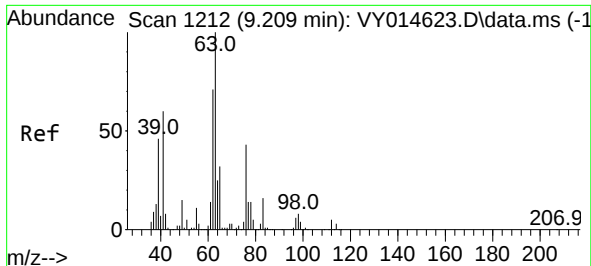
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#44
Trichloroethene
Concen: 20.355 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

Tgt Ion:130 Resp: 60646
Ion Ratio Lower Upper
130 100
95 91.7 0.0 196.0





#45

1,2-Dichloropropane

Concen: 19.661 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VY014714.D

Acq: 20 Jul 2023 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0720SBS01

Tgt Ion: 63 Resp: 5466

Ion Ratio Lower Upper

63 100

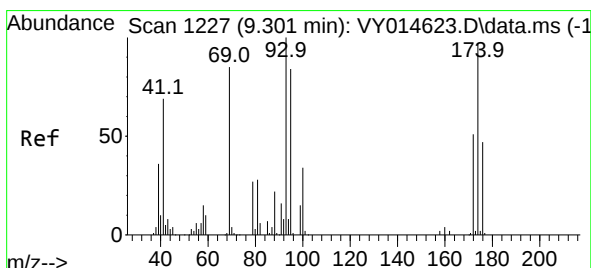
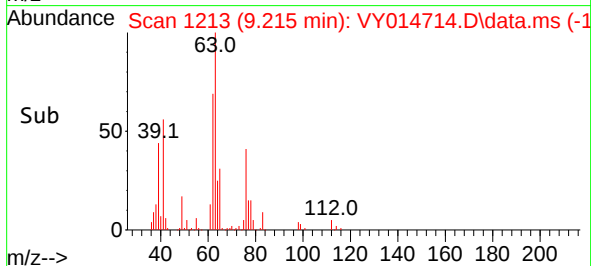
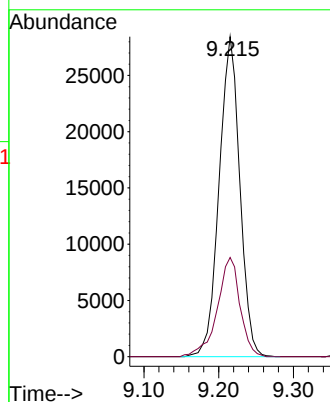
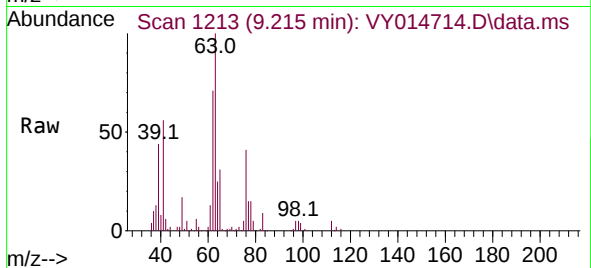
65 31.0 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2023

Supervised By :Mahesh Dadoda 07/21/2023



#46

Dibromomethane

Concen: 20.409 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY014714.D

Acq: 20 Jul 2023 12:32

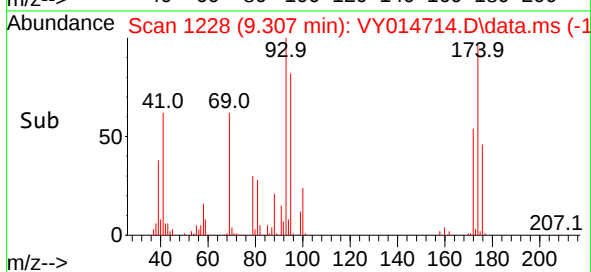
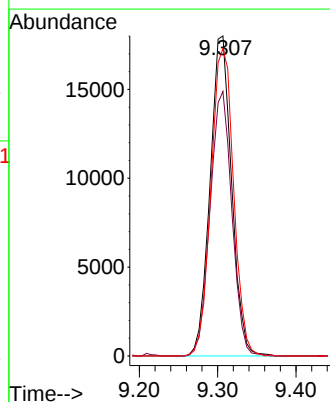
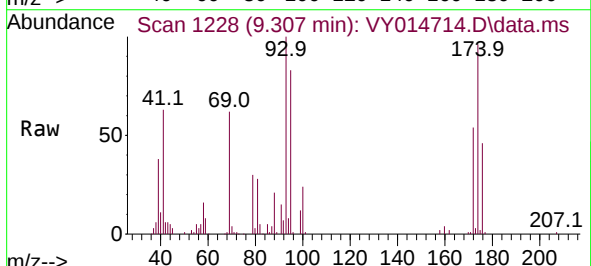
Tgt Ion: 93 Resp: 34426

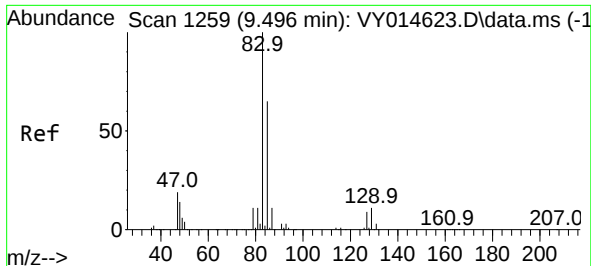
Ion Ratio Lower Upper

93 100

95 83.5 66.6 100.0

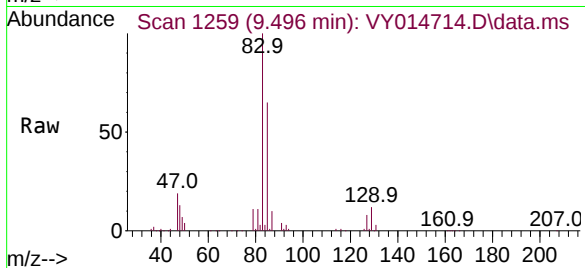
174 100.7 84.8 127.2





#47
Bromodichloromethane
Concen: 20.213 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

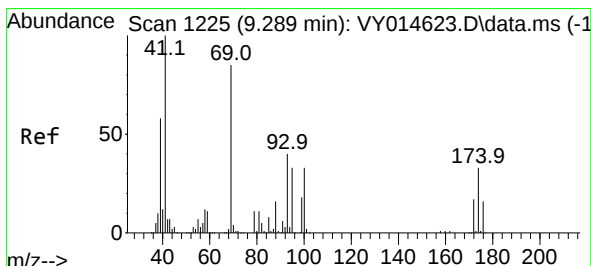
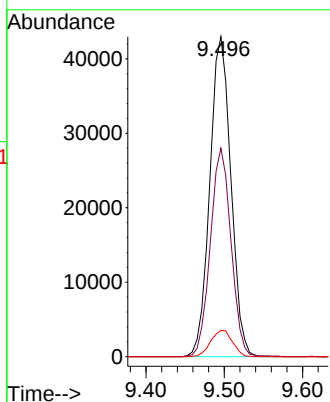
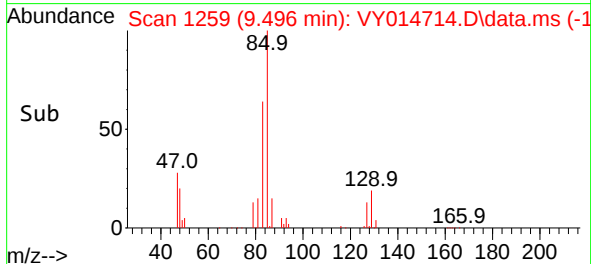
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01



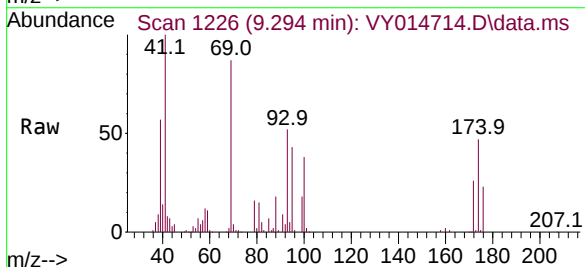
Tgt Ion: 83 Resp: 80362
Ion Ratio Lower Upper
83 100
85 65.2 50.1 75.1
127 8.3 7.1 10.7

Manual Integrations
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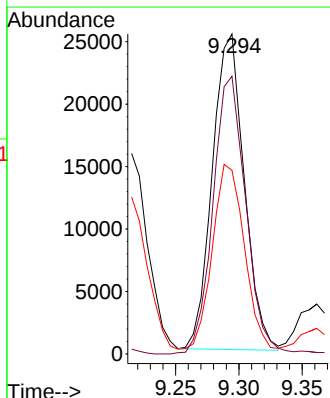
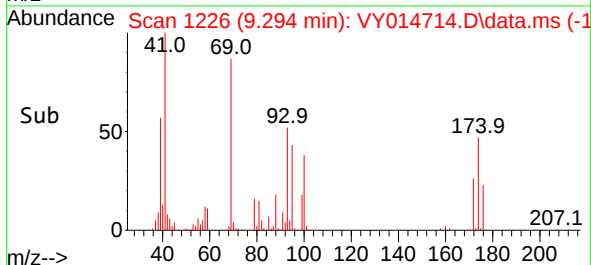
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

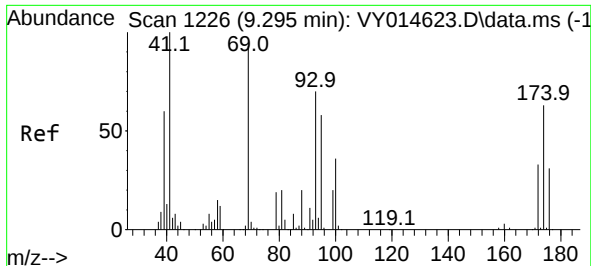


#48
Methyl methacrylate
Concen: 20.065 ug/l
RT: 9.294 min Scan# 1226
Delta R.T. 0.005 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32



Tgt Ion: 41 Resp: 44335
Ion Ratio Lower Upper
41 100
69 91.0 64.5 96.7
39 58.7 50.8 76.2





#49

1,4-Dioxane

Concen: 447.987 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY014714.D

Acq: 20 Jul 2023 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0720SBS01

Tgt Ion: 88 Resp: 1232

Ion Ratio Lower Upper

88 100

43 27.3 0.0 0.0

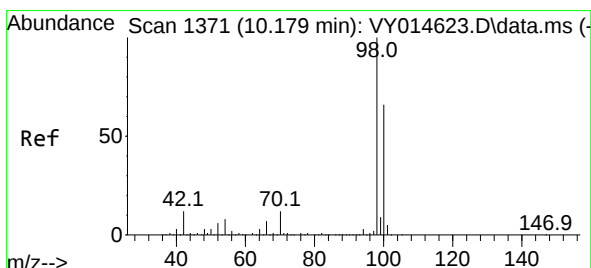
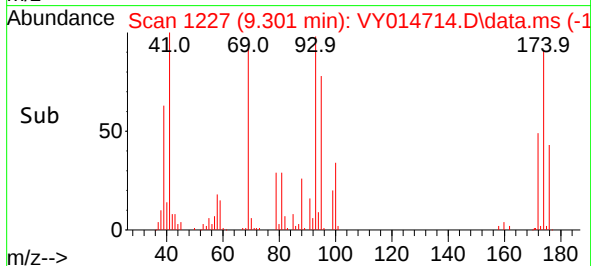
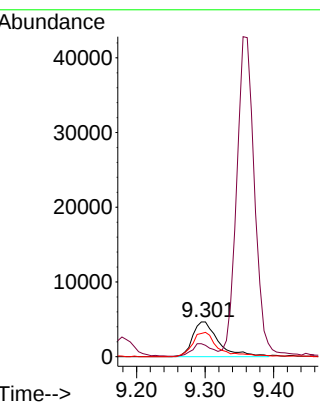
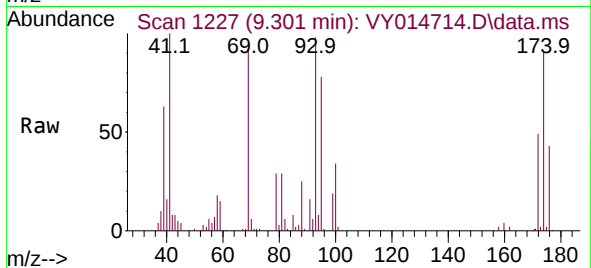
58 69.9 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2023

Supervised By :Mahesh Dadoda 07/21/2023



#50

Toluene-d8

Concen: 53.494 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.001 min

Lab File: VY014714.D

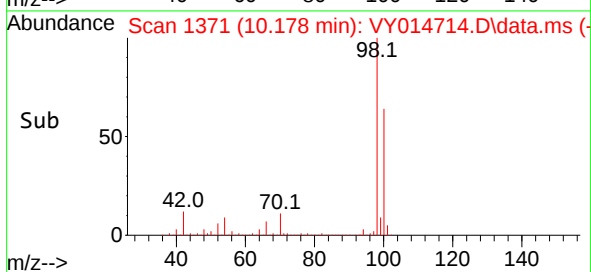
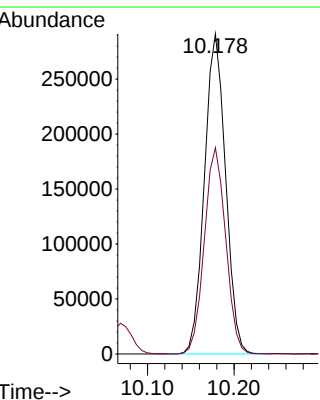
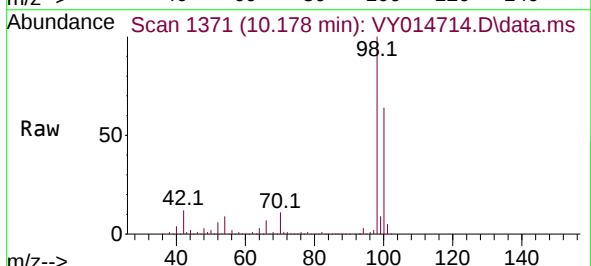
Acq: 20 Jul 2023 12:32

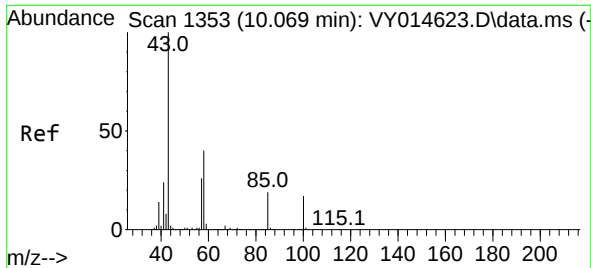
Tgt Ion: 98 Resp: 493770

Ion Ratio Lower Upper

98 100

100 65.1 50.1 75.1





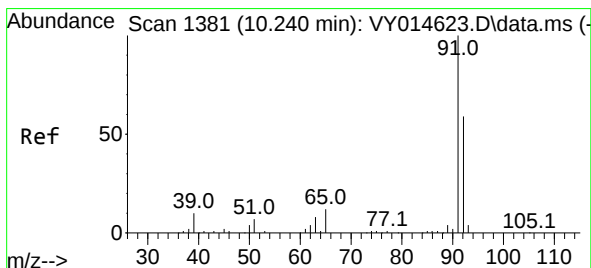
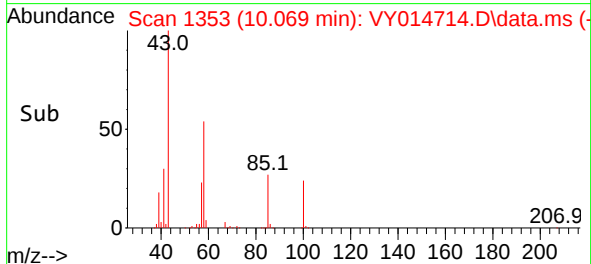
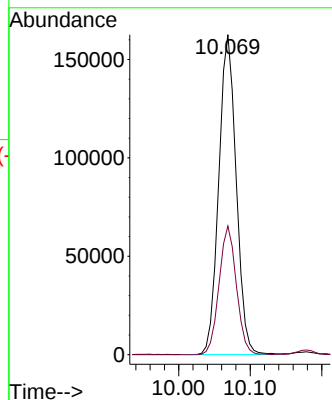
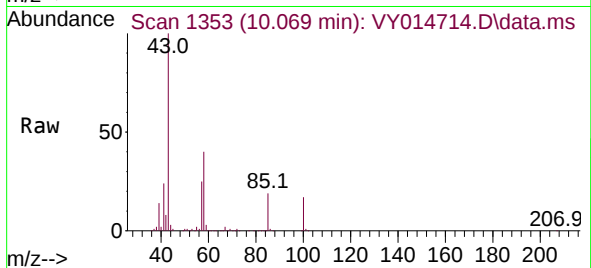
#51
4-Methyl-2-Pentanone
Concen: 106.800 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

Tgt Ion: 43 Resp: 275350
Ion Ratio Lower Upper
43 100
58 39.9 29.0 43.6

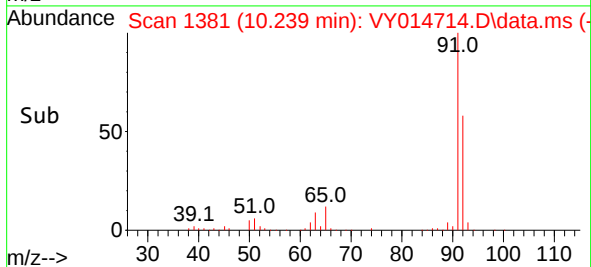
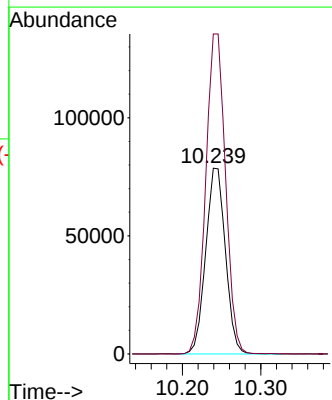
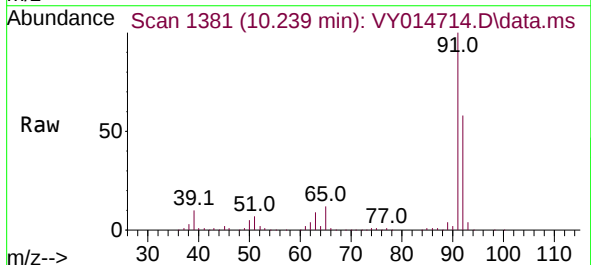
Manual Integrations
APPROVED

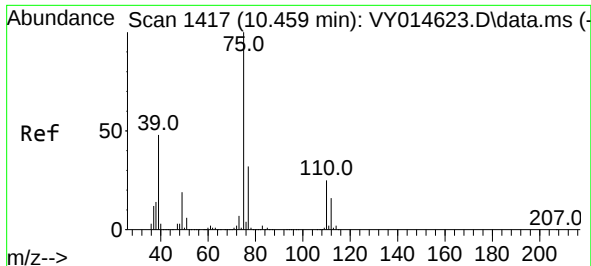
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#52
Toluene
Concen: 20.173 ug/l
RT: 10.239 min Scan# 1381
Delta R.T. -0.001 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

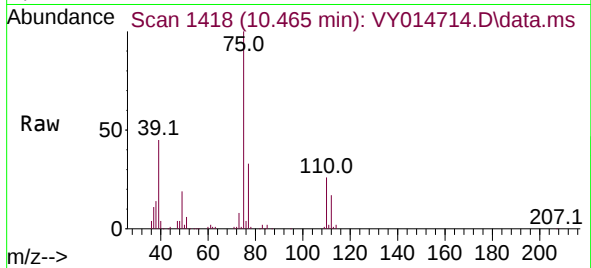
Tgt Ion: 92 Resp: 137455
Ion Ratio Lower Upper
92 100
91 172.6 143.8 215.6





#53
t-1,3-Dichloropropene
Concen: 19.539 ug/l
RT: 10.465 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

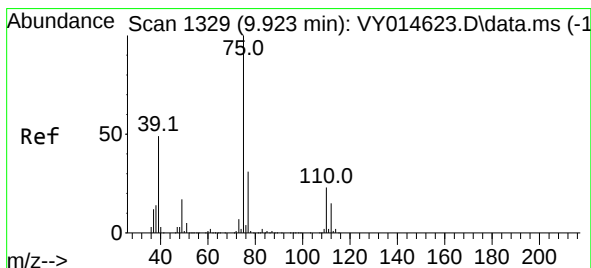
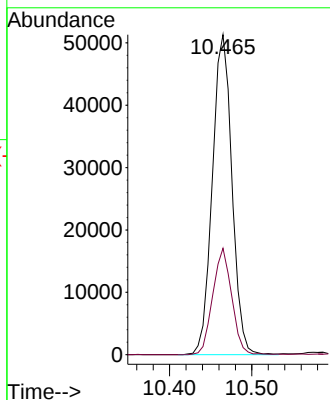
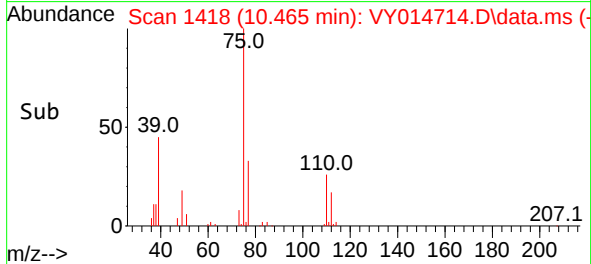
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01



Tgt Ion: 75 Resp: 8497
Ion Ratio Lower Upper
75 100
77 33.3 25.0 37.4

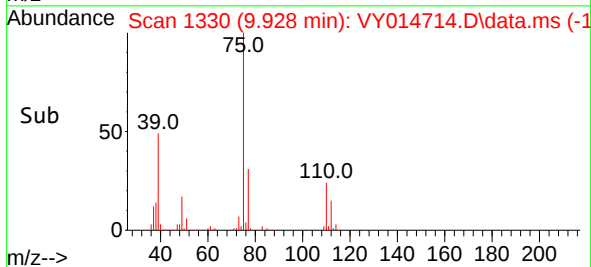
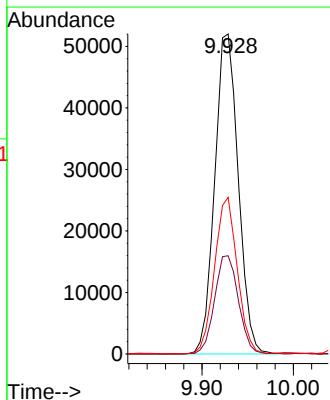
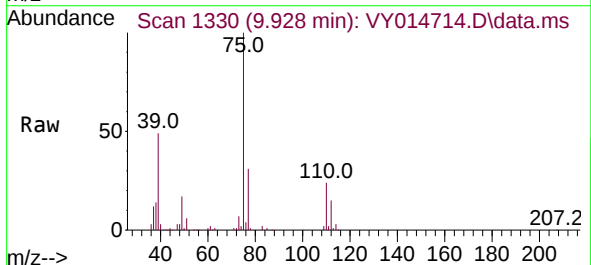
Manual Integrations
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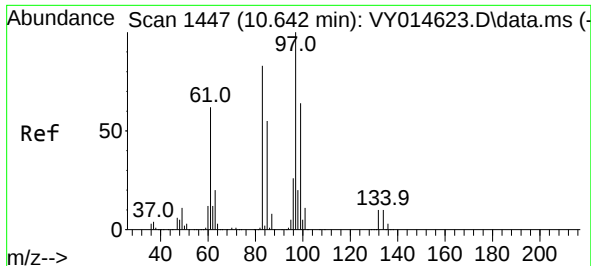
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#54
cis-1,3-Dichloropropene
Concen: 19.692 ug/l
RT: 9.928 min Scan# 1330
Delta R.T. 0.005 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

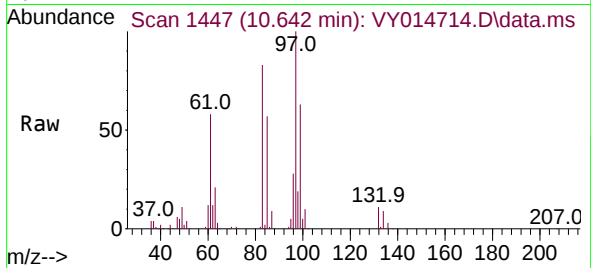
Tgt Ion: 75 Resp: 93126
Ion Ratio Lower Upper
75 100
77 30.7 24.2 36.4
39 48.8 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 20.754 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

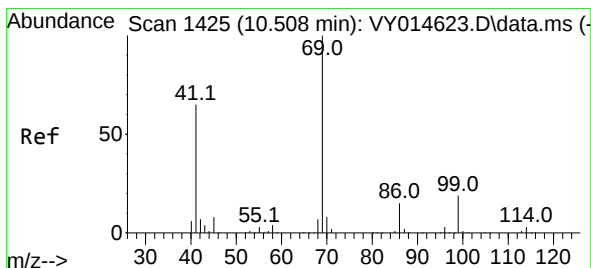
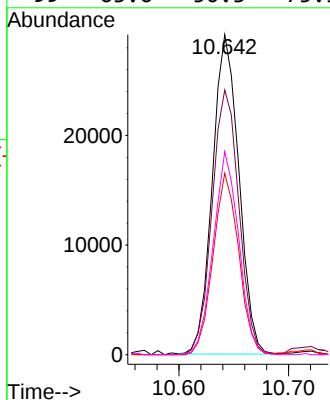
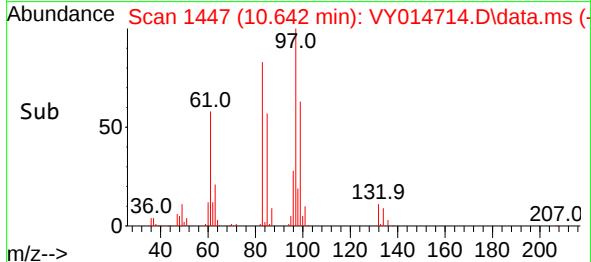
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01



Tgt Ion:	97	Resp:	4876
Ion	Ratio	Lower	Upper
97	100		
83	82.9	72.0	108.0
85	56.8	45.4	68.0
99	63.6	50.3	75.5

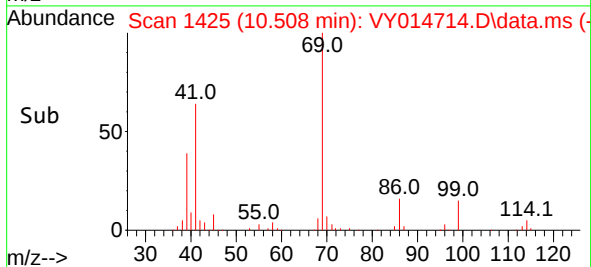
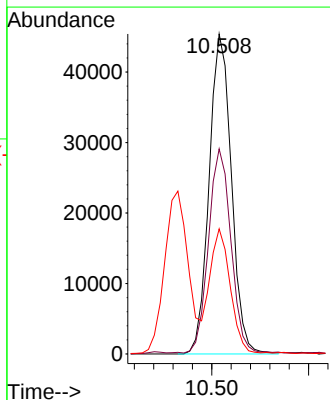
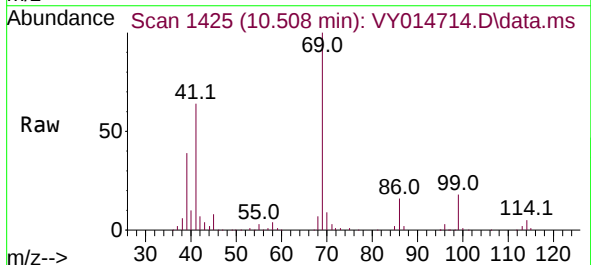
Manual Integrations
APPROVED

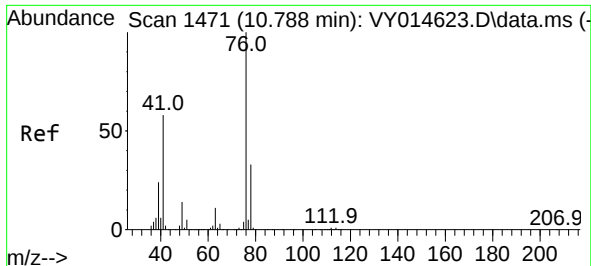
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#56
Ethyl methacrylate
Concen: 20.191 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

Tgt Ion:	69	Resp:	72437
Ion	Ratio	Lower	Upper
69	100		
41	64.3	57.6	86.4
39	35.4	34.1	51.1





#57

1,3-Dichloropropane

Concen: 20.522 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014714.D

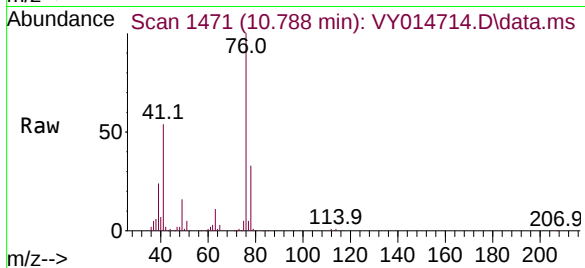
Acq: 20 Jul 2023 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0720SBS01



Tgt Ion: 76 Resp: 83172

Ion Ratio Lower Upper

76 100

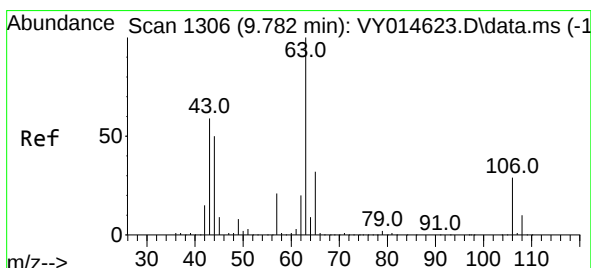
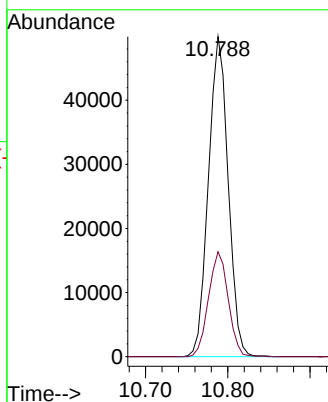
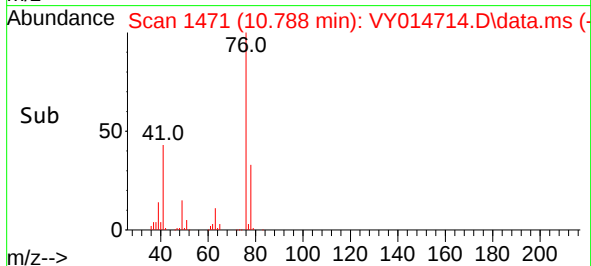
78 32.7 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2023

Supervised By :Mahesh Dadoda 07/21/2023



#58

2-Chloroethyl Vinyl ether

Concen: 108.604 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY014714.D

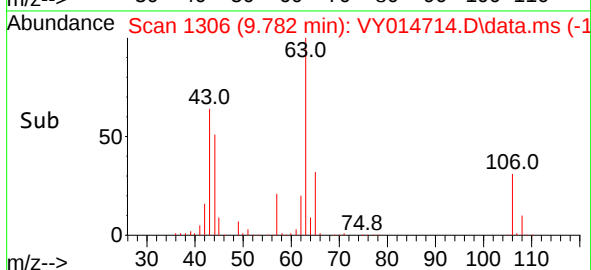
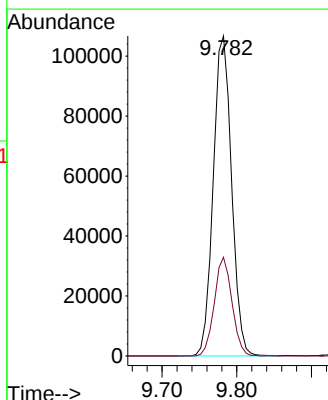
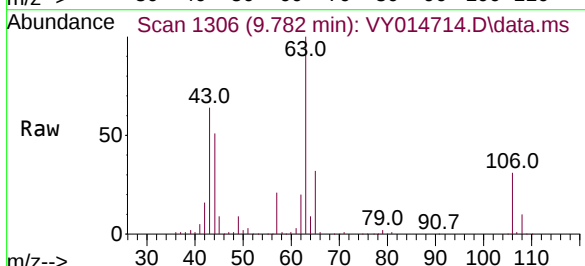
Acq: 20 Jul 2023 12:32

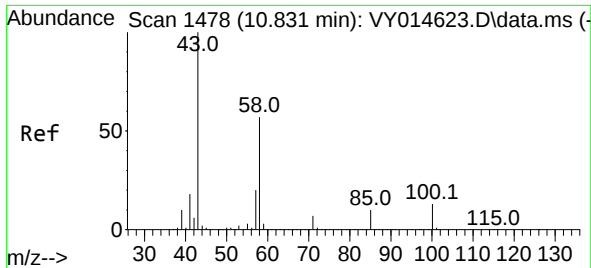
Tgt Ion: 63 Resp: 181544

Ion Ratio Lower Upper

63 100

106 29.7 21.2 31.8





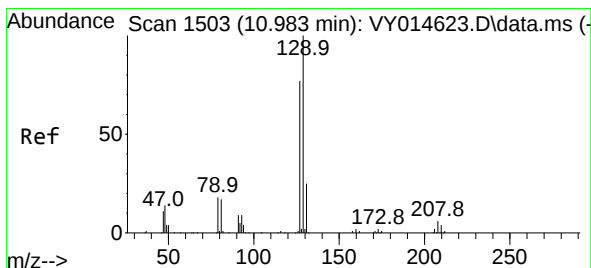
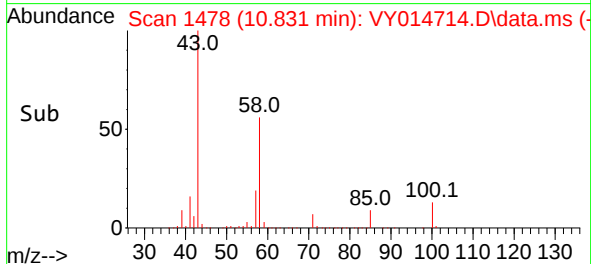
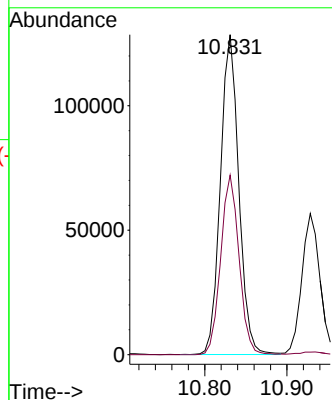
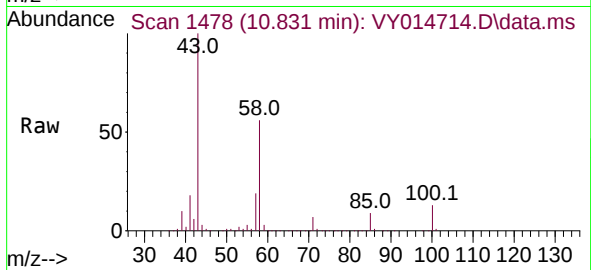
#59
2-Hexanone
Concen: 106.155 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

Tgt Ion: 43 Resp: 19959
Ion Ratio Lower Upper
43 100
58 56.1 25.1 75.3

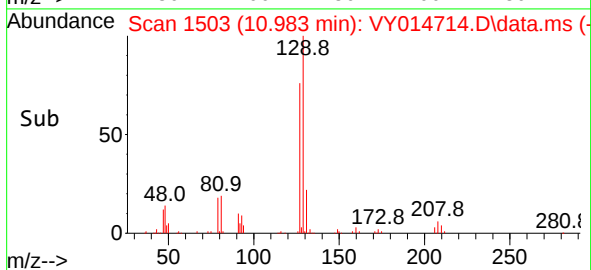
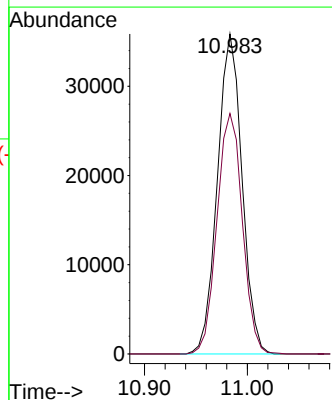
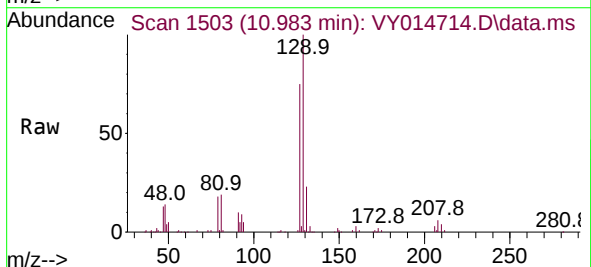
Manual Integrations
APPROVED

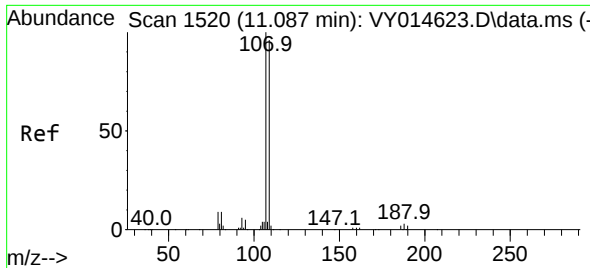
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#60
Dibromochloromethane
Concen: 20.705 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

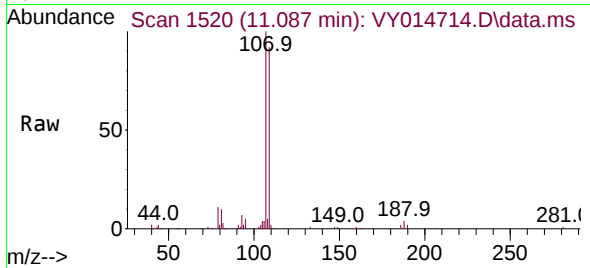
Tgt Ion:129 Resp: 59648
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5





#61
1,2-Dibromoethane
Concen: 20.759 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

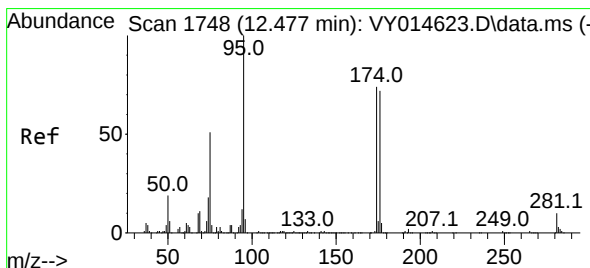
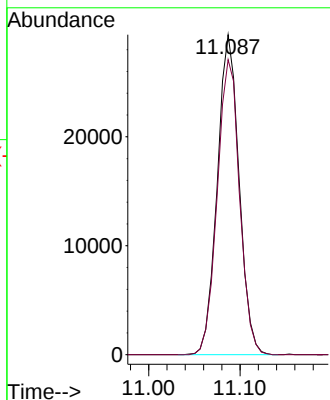
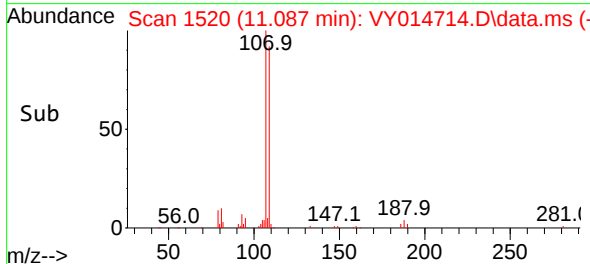
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01



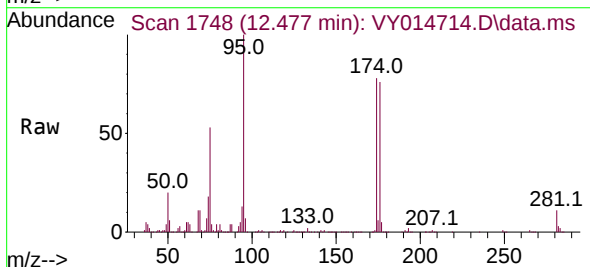
Tgt Ion:107 Resp: 48660
Ion Ratio Lower Upper
107 100
109 94.4 75.6 113.4

Manual Integrations
APPROVED

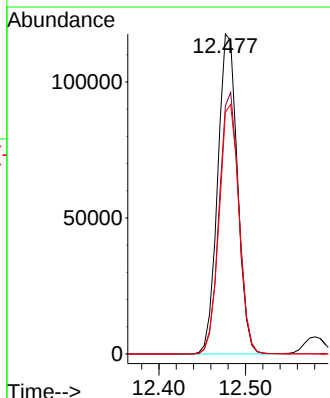
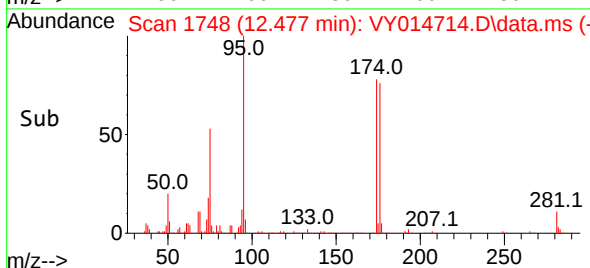
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

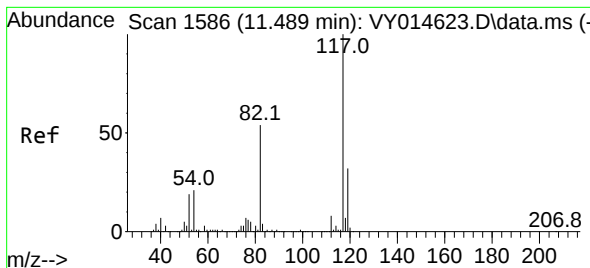


#62
4-Bromofluorobenzene
Concen: 52.642 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32



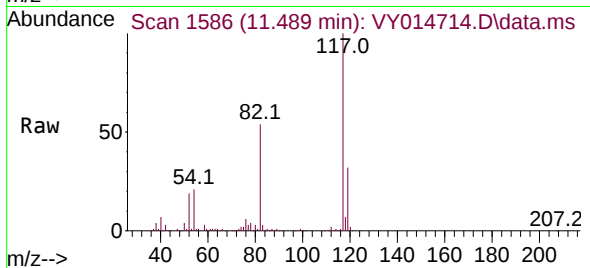
Tgt Ion: 95 Resp: 186315
Ion Ratio Lower Upper
95 100
174 81.5 0.0 178.2
176 78.6 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

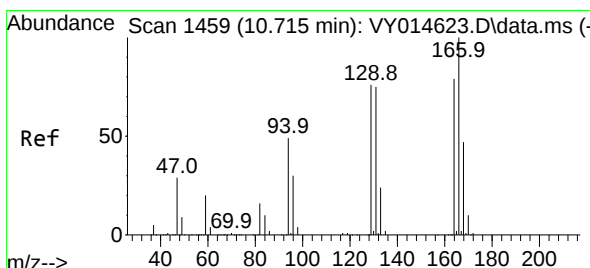
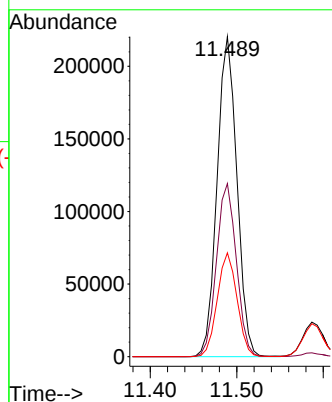
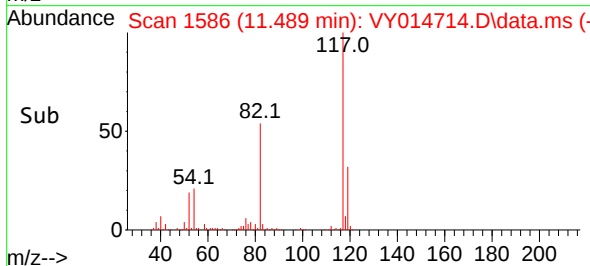
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01



Tgt Ion:117 Resp: 350610
Ion Ratio Lower Upper
117 100
82 54.1 43.4 65.0
119 32.4 26.3 39.5

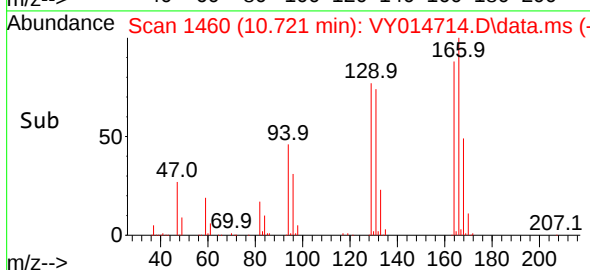
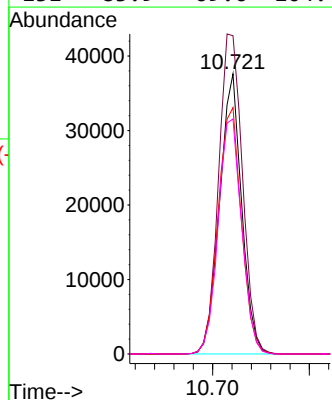
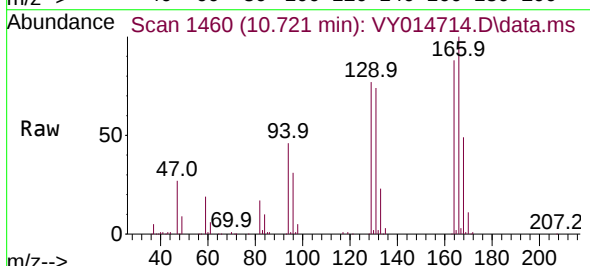
Manual Integrations
APPROVED

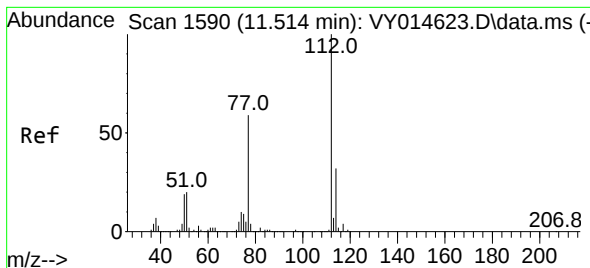
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#64
Tetrachloroethene
Concen: 21.085 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

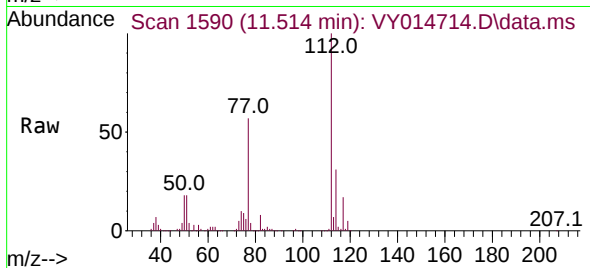
Tgt Ion:164 Resp: 59456
Ion Ratio Lower Upper
164 100
166 113.6 103.0 154.6
129 87.9 77.2 115.8
131 83.9 69.6 104.4





#65
Chlorobenzene
Concen: 20.544 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

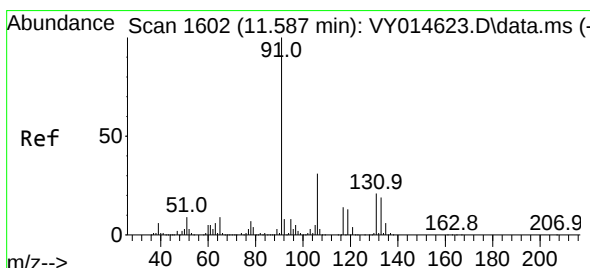
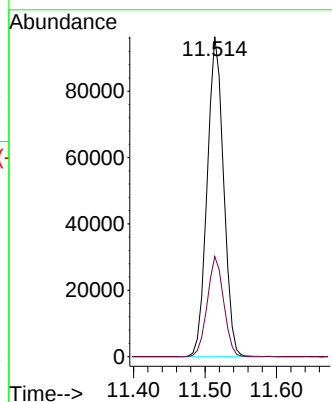
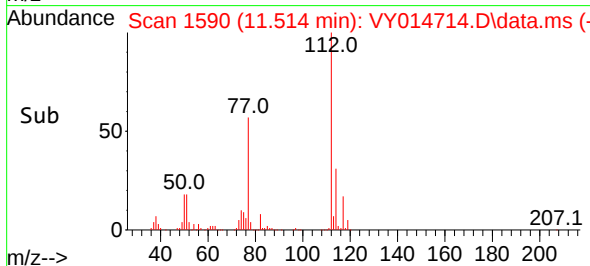
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01



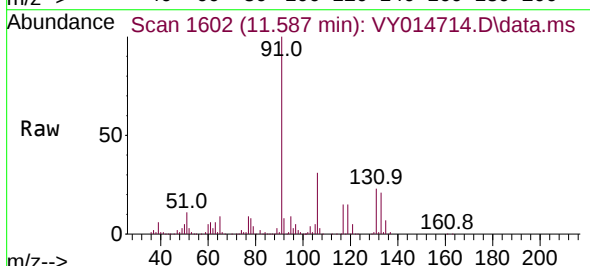
Tgt Ion:112 Resp: 153490
Ion Ratio Lower Upper
112 100
114 31.3 25.5 38.3

Manual Integrations
APPROVED

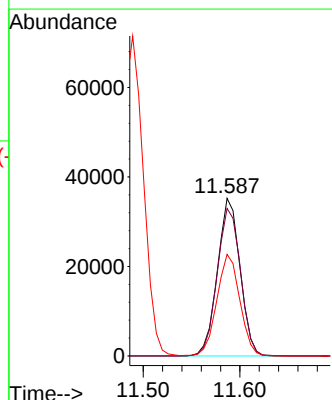
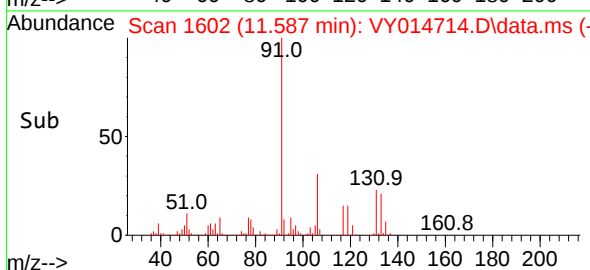
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

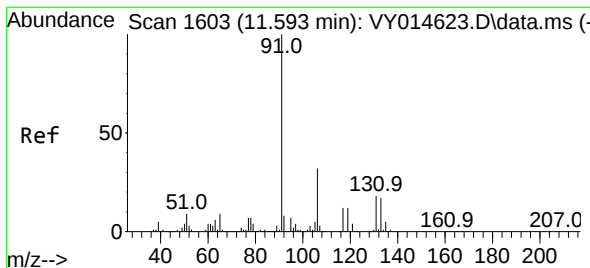


#66
1,1,1,2-Tetrachloroethane
Concen: 20.268 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32



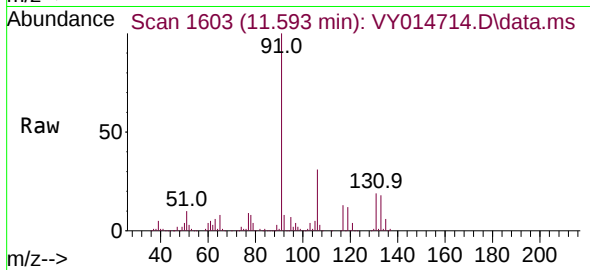
Tgt Ion:131 Resp: 57095
Ion Ratio Lower Upper
131 100
133 96.7 47.5 142.6
119 65.6 31.6 94.7





#67
Ethyl Benzene
Concen: 19.850 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

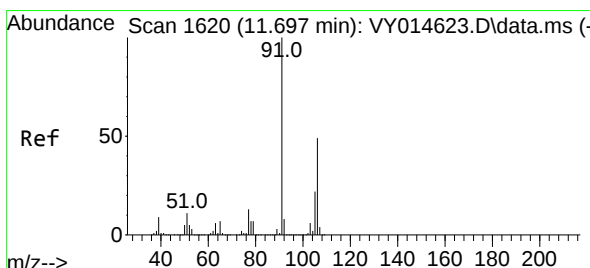
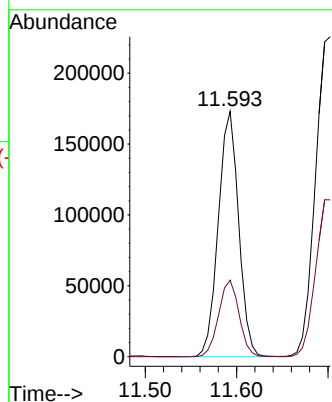
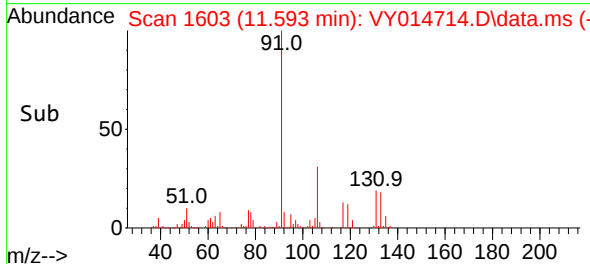
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBSD01



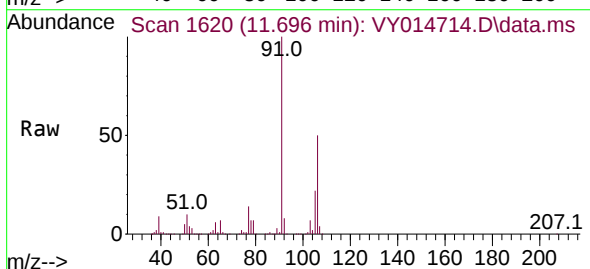
Tgt Ion: 91 Resp: 267764
Ion Ratio Lower Upper
91 100
106 31.2 24.6 36.8

Manual Integrations
APPROVED

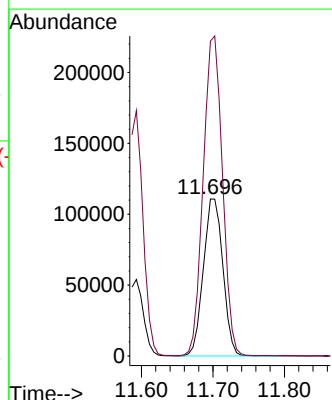
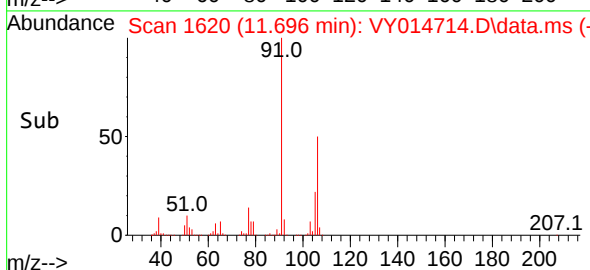
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

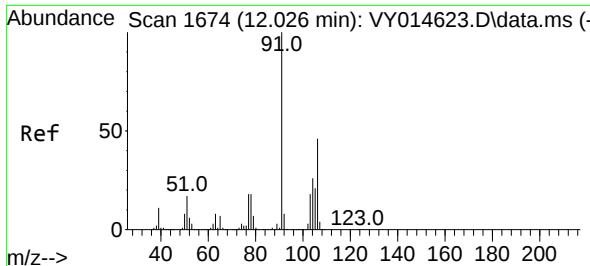


#68
m/p-Xylenes
Concen: 40.771 ug/l
RT: 11.696 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32



Tgt Ion:106 Resp: 209946
Ion Ratio Lower Upper
106 100
91 201.3 166.1 249.1





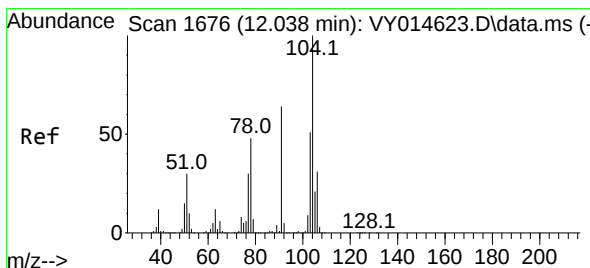
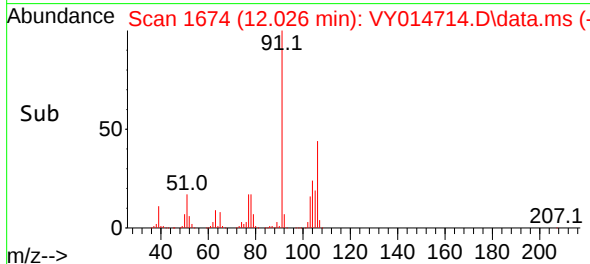
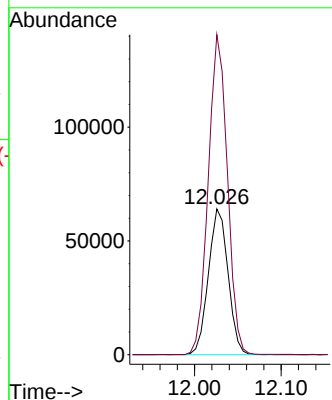
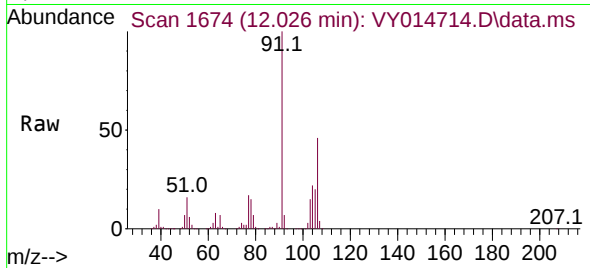
#69
o-Xylene
Concen: 20.135 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

Tgt Ion:106 Resp: 100988
Ion Ratio Lower Upper
106 100
91 214.1 108.1 324.3

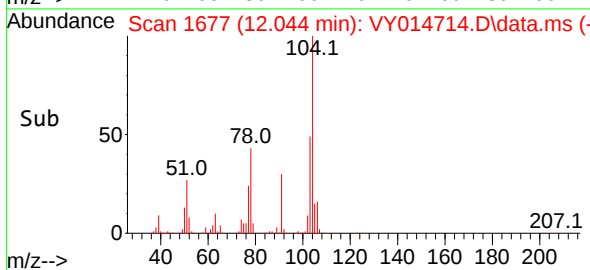
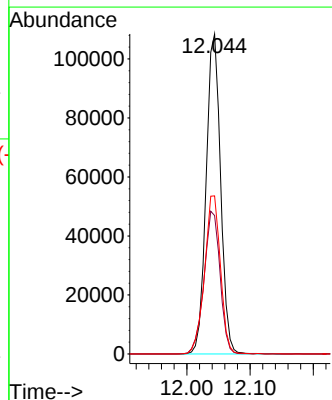
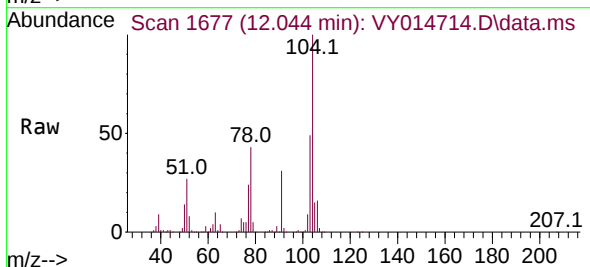
Manual Integrations
APPROVED

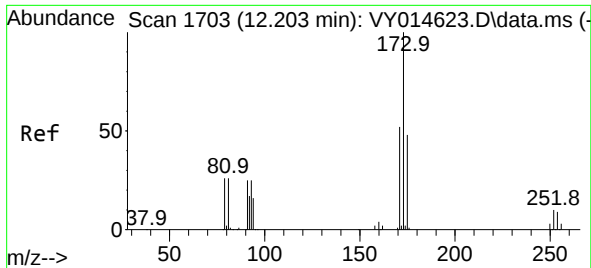
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#70
Styrene
Concen: 20.395 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

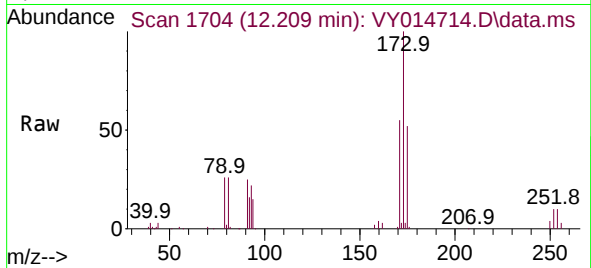
Tgt Ion:104 Resp: 172405
Ion Ratio Lower Upper
104 100
78 49.6 41.5 62.3
103 54.4 44.6 67.0





#71
Bromoform
Concen: 20.989 ug/l
RT: 12.209 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

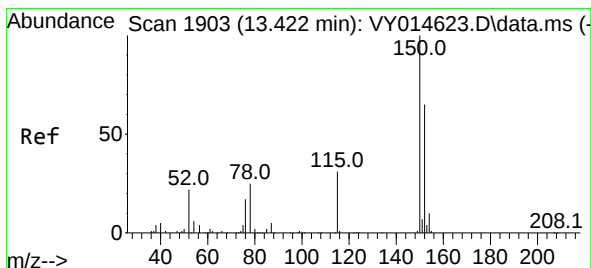
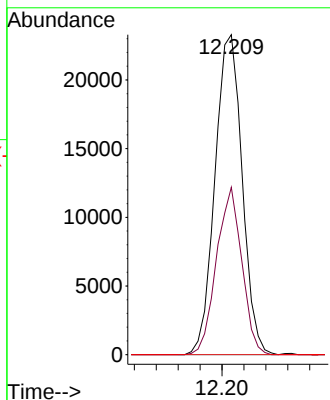
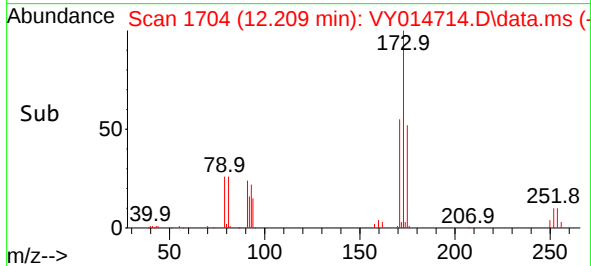
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01



Tgt Ion:173 Resp: 4007
Ion Ratio Lower Upper
173 100
175 48.7 24.6 73.8
254 0.0 0.2 0.2

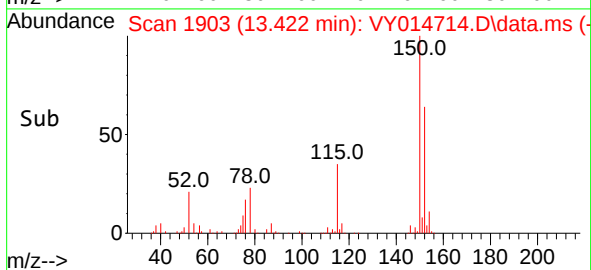
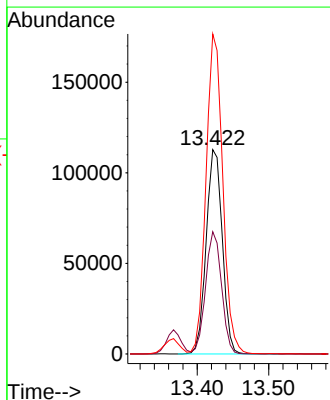
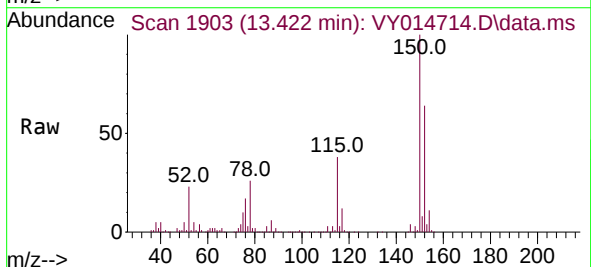
Manual Integrations
APPROVED

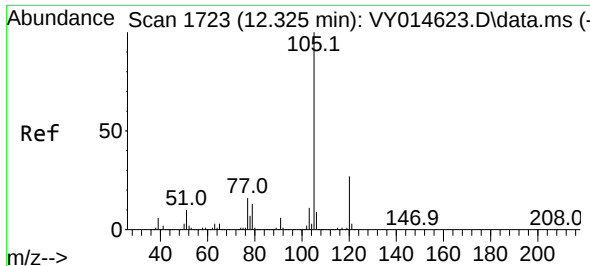
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

Tgt Ion:152 Resp: 176473
Ion Ratio Lower Upper
152 100
115 59.3 28.8 86.5
150 162.3 0.0 348.8





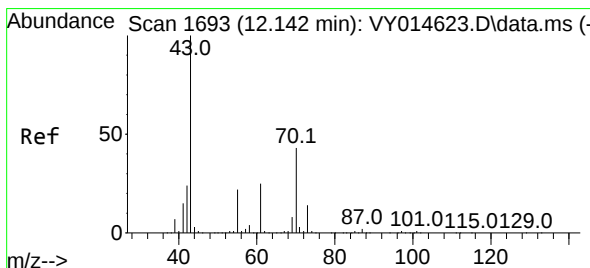
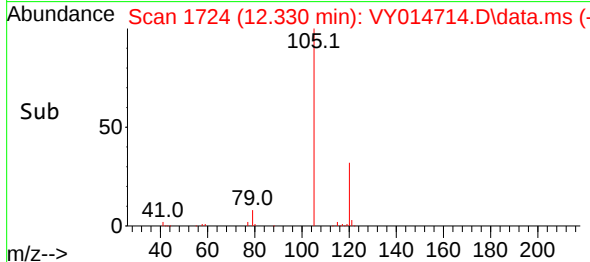
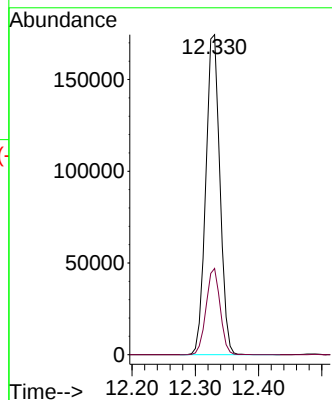
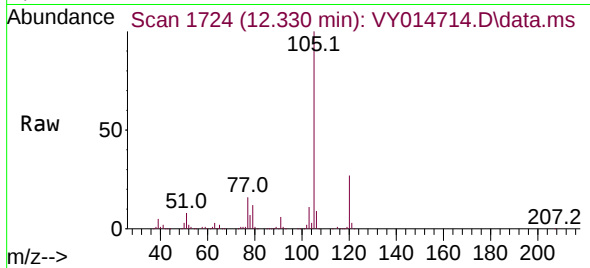
#73
Isopropylbenzene
Concen: 19.587 ug/l
RT: 12.330 min Scan# 1723
Delta R.T. 0.005 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

Tgt Ion:105 Resp: 27064
Ion Ratio Lower Upper
105 100
120 26.9 13.3 39.9

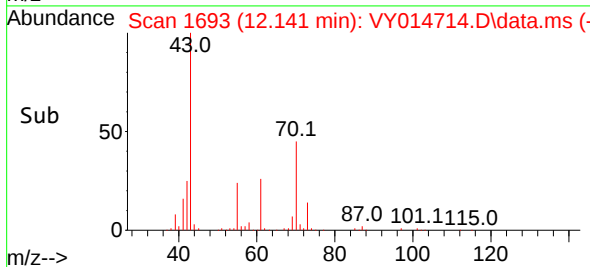
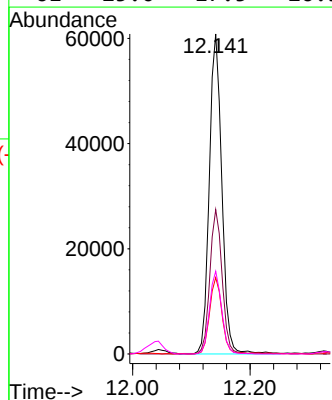
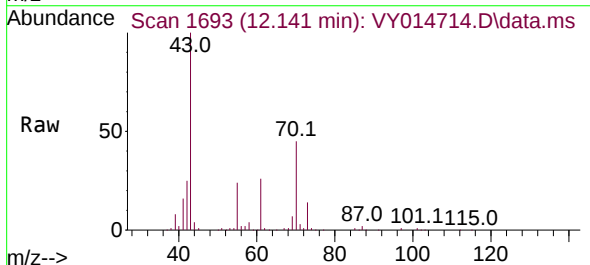
Manual Integrations
APPROVED

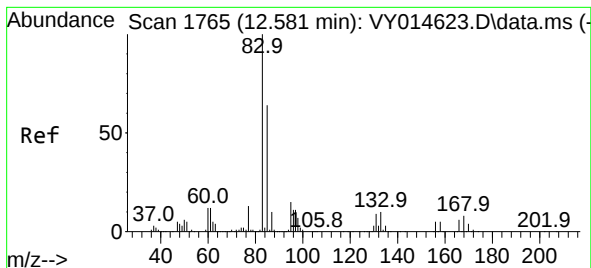
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#74
N-amy1 acetate
Concen: 19.538 ug/l
RT: 12.141 min Scan# 1693
Delta R.T. -0.001 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

Tgt Ion: 43 Resp: 90420
Ion Ratio Lower Upper
43 100
70 44.1 29.7 44.5
55 23.5 18.3 27.5
61 25.0 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.468 ug/l

RT: 12.580 min Scan# 1765

Delta R.T. -0.001 min

Lab File: VY014714.D

Acq: 20 Jul 2023 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0720SBS01

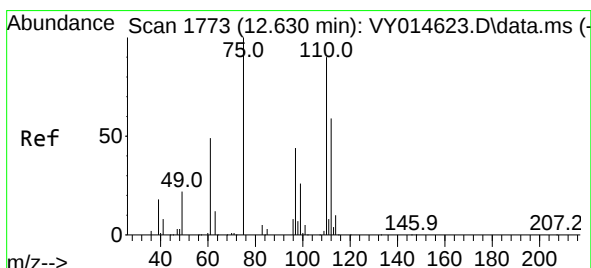
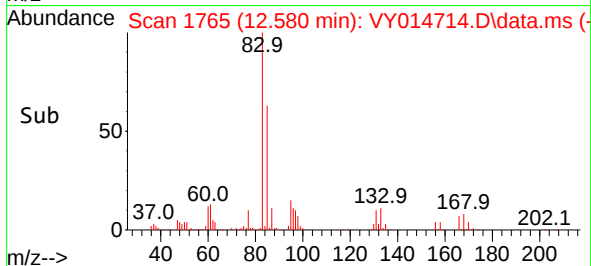
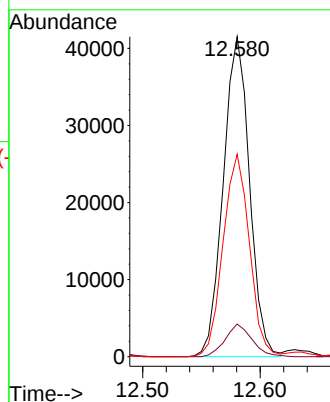
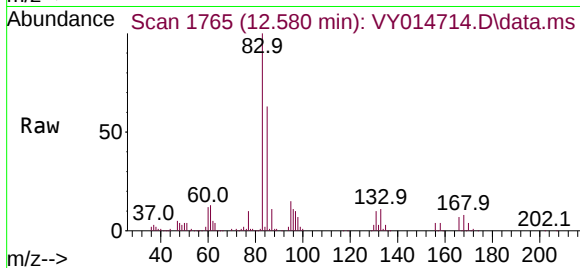
Tgt Ion:	83	Resp:	6449
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.4	16.2
85	63.4	31.8	95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2023

Supervised By :Mahesh Dadoda 07/21/2023



#76

1,2,3-Trichloropropane

Concen: 21.372 ug/l m

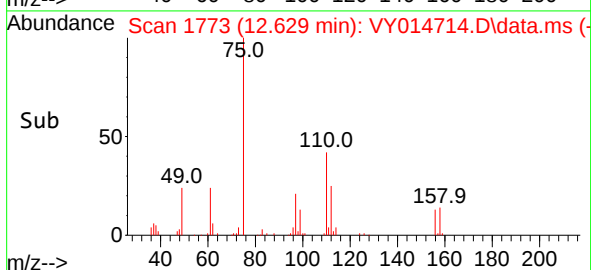
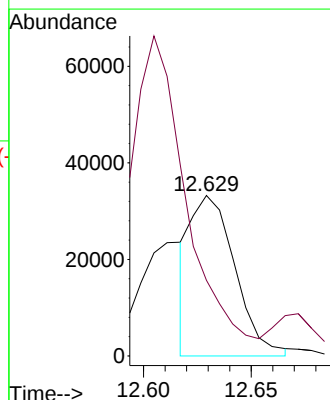
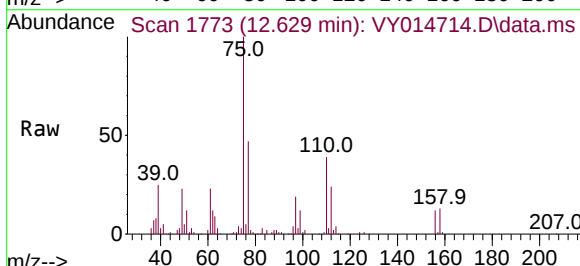
RT: 12.629 min Scan# 1773

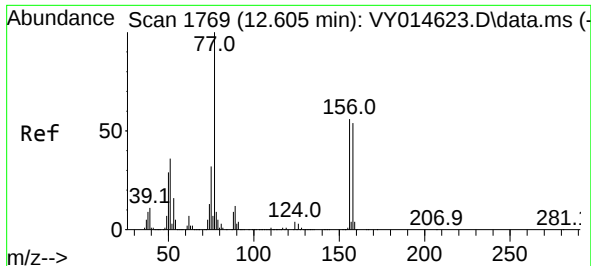
Delta R.T. -0.001 min

Lab File: VY014714.D

Acq: 20 Jul 2023 12:32

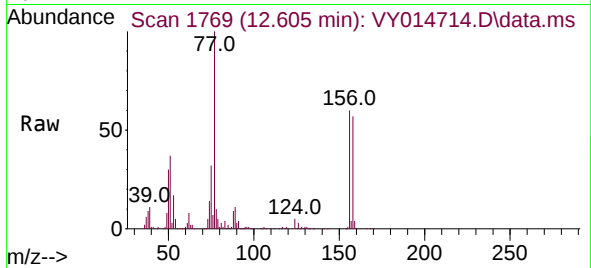
Tgt Ion:	75	Resp:	47633
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77
Bromobenzene
Concen: 19.739 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

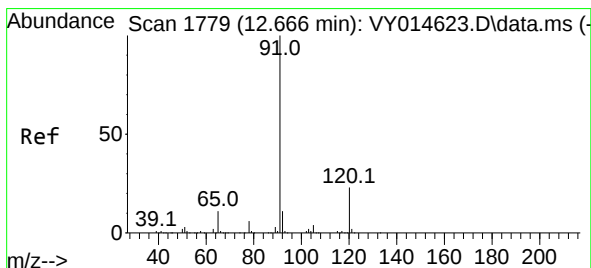
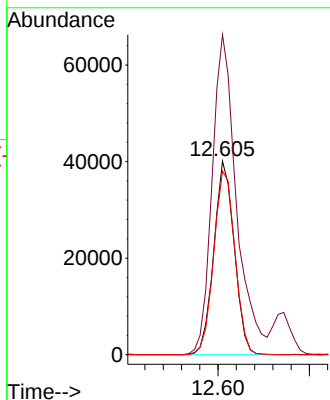
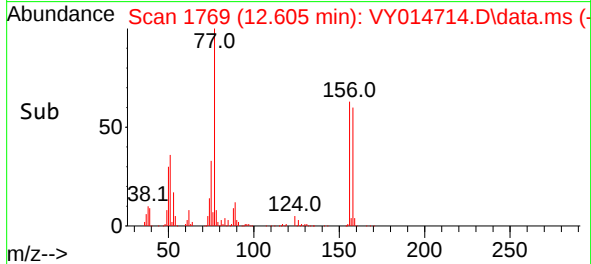
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBSD01



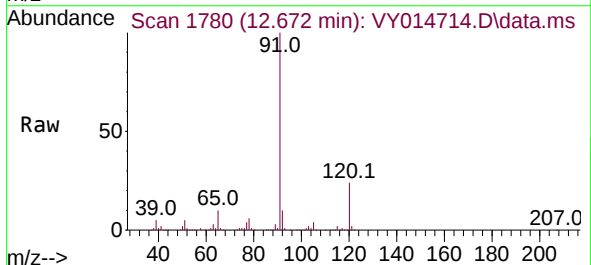
Tgt Ion:156 Resp: 6226
Ion Ratio Lower Upper
156 100
77 196.7 92.8 278.6
158 98.5 48.4 145.3

Manual Integrations
APPROVED

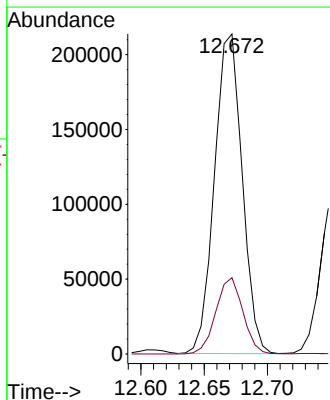
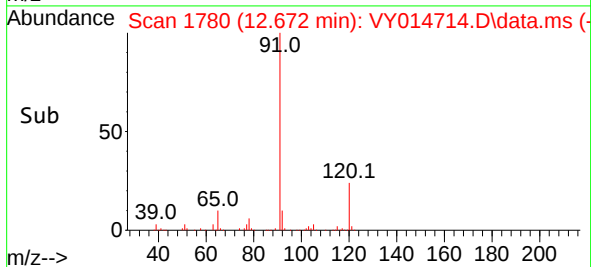
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

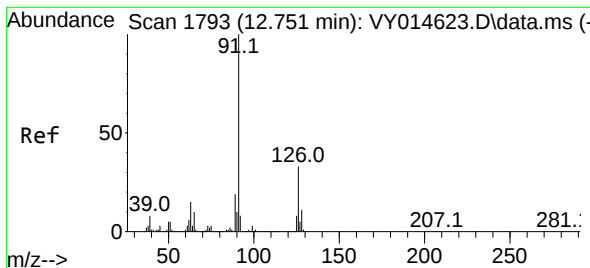


#78
n-propylbenzene
Concen: 19.523 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32



Tgt Ion: 91 Resp: 325077
Ion Ratio Lower Upper
91 100
120 23.3 11.5 34.4





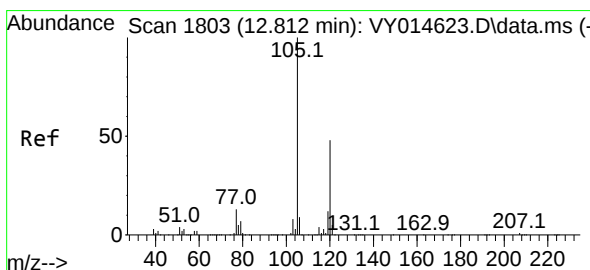
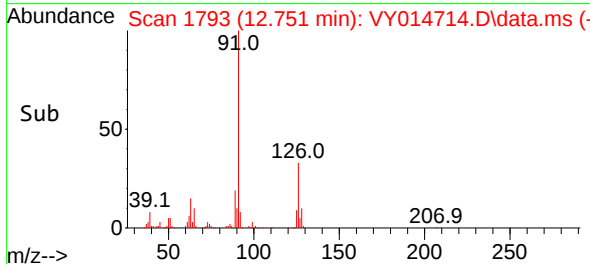
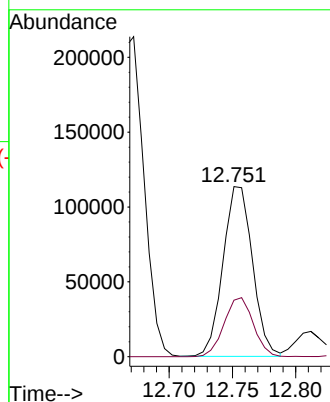
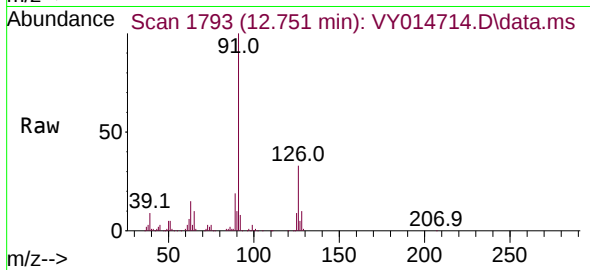
#79
2-Chlorotoluene
Concen: 19.219 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

Tgt Ion: 91 Resp: 184318
Ion Ratio Lower Upper
91 100
126 34.4 17.3 51.7

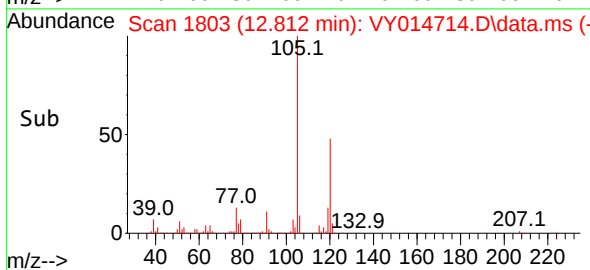
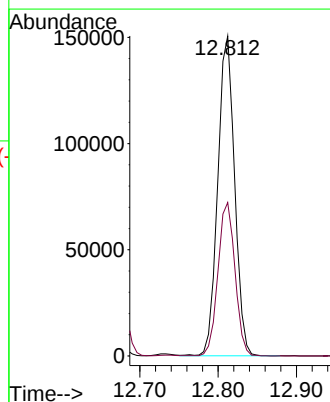
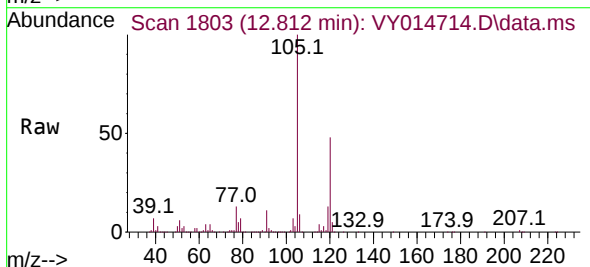
Manual Integrations
APPROVED

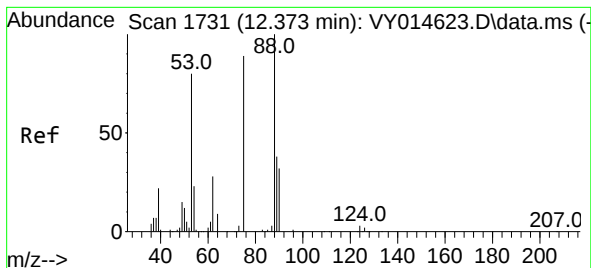
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.532 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

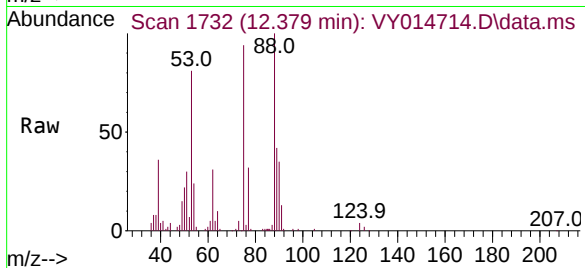
Tgt Ion:105 Resp: 225403
Ion Ratio Lower Upper
105 100
120 48.5 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 18.755 ug/l
RT: 12.379 min Scan# 1731
Delta R.T. 0.006 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

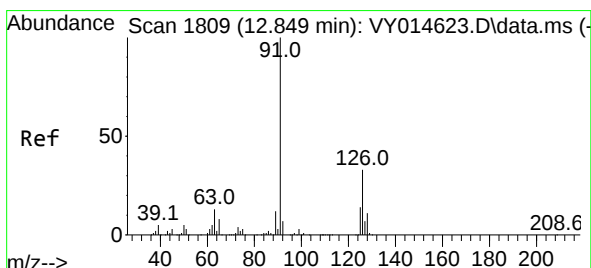
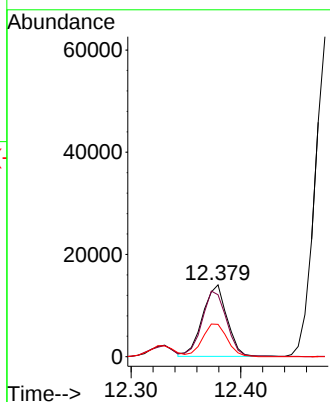
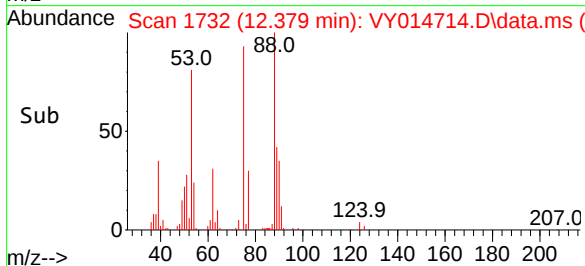
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01



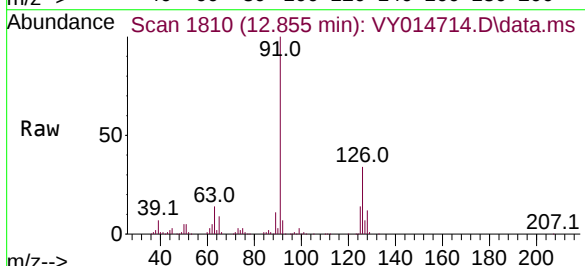
Tgt Ion: 75 Resp: 21590
Ion Ratio Lower Upper
75 100
53 93.4 77.8 116.8
89 46.3 37.4 56.0

Manual Integrations
APPROVED

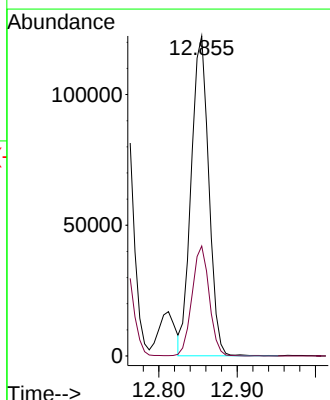
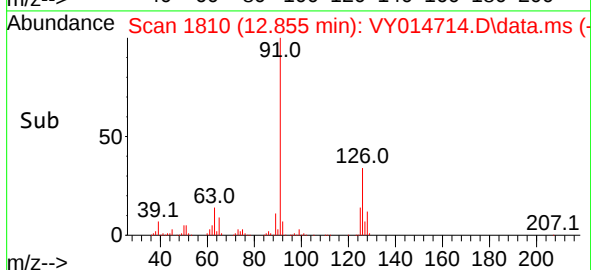
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

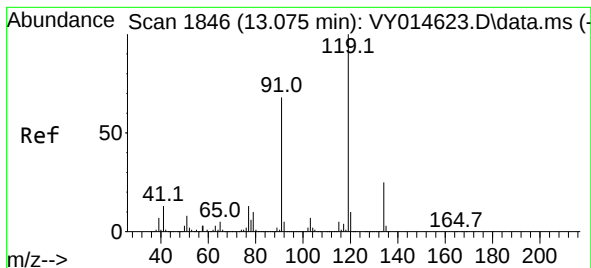


#82
4-Chlorotoluene
Concen: 19.263 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32



Tgt Ion: 91 Resp: 190262
Ion Ratio Lower Upper
91 100
126 33.8 17.2 51.6





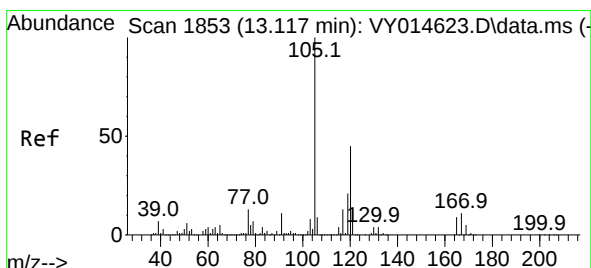
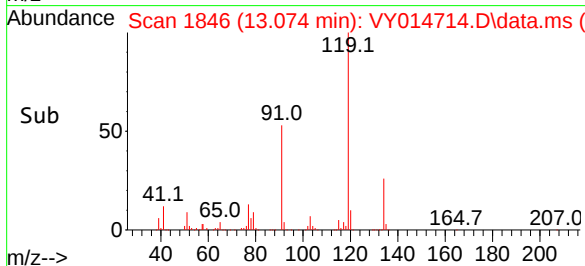
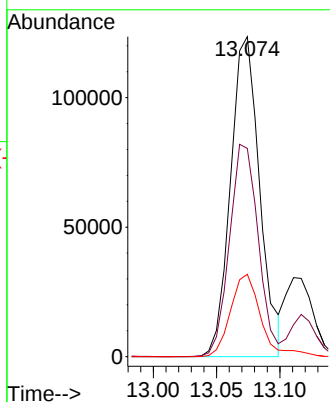
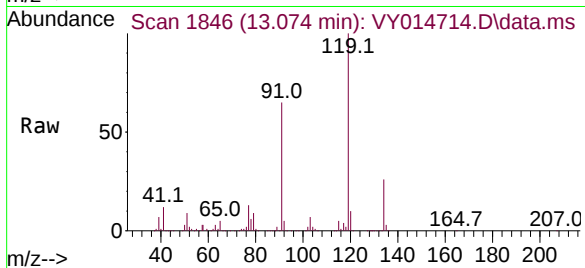
#83
tert-Butylbenzene
Concen: 19.361 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.001 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

Tgt Ion:119 Resp: 19818
Ion Ratio Lower Upper
119 100
91 65.6 32.9 98.6
134 26.9 13.0 38.9

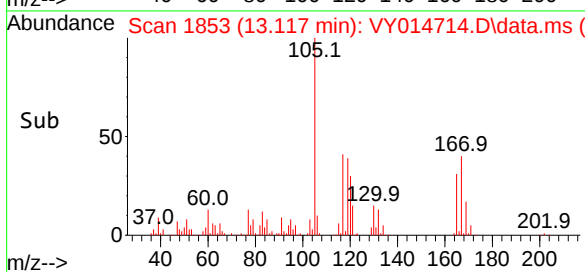
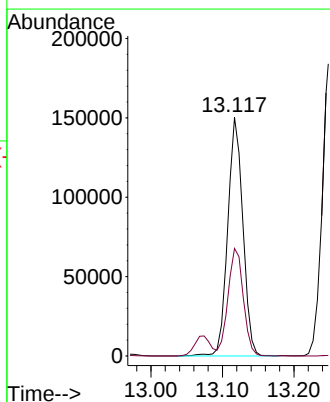
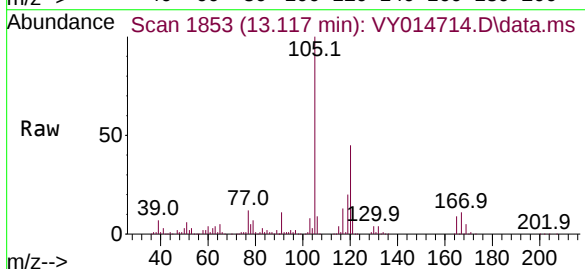
Manual Integrations
APPROVED

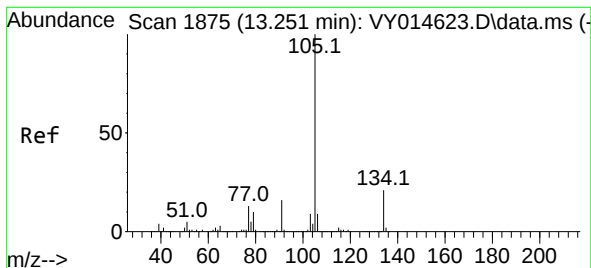
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#84
1,2,4-Trimethylbenzene
Concen: 19.505 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

Tgt Ion:105 Resp: 220897
Ion Ratio Lower Upper
105 100
120 45.4 22.2 66.6





#85

sec-Butylbenzene

Concen: 19.544 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY014714.D

Acq: 20 Jul 2023 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0720SBS01

Tgt Ion:105 Resp: 29348

Ion Ratio Lower Upper

105 100

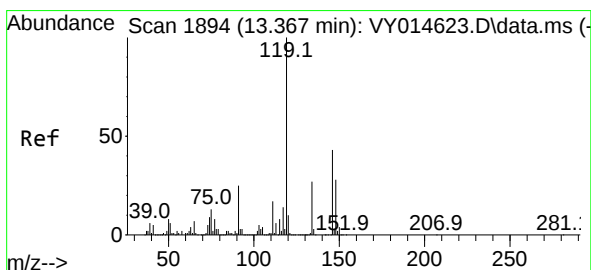
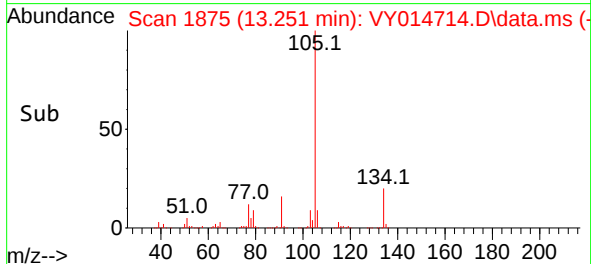
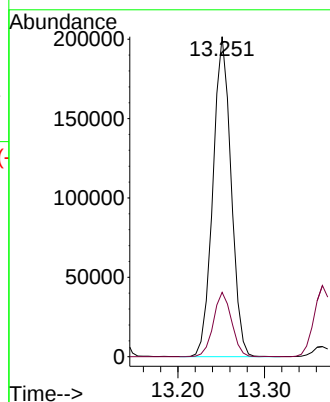
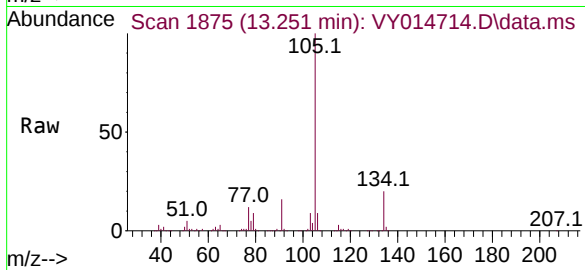
134 20.1 10.2 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2023

Supervised By :Mahesh Dadoda 07/21/2023



#86

p-Isopropyltoluene

Concen: 20.042 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY014714.D

Acq: 20 Jul 2023 12:32

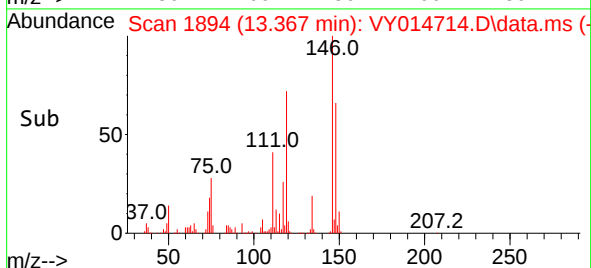
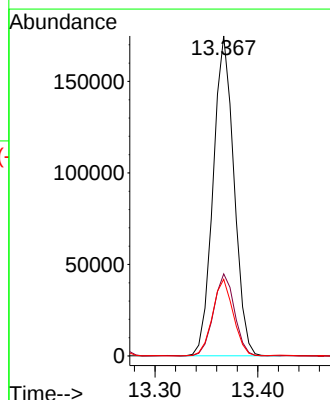
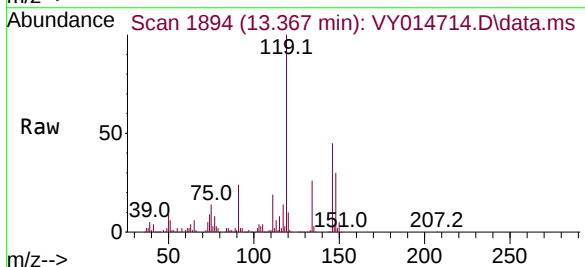
Tgt Ion:119 Resp: 245721

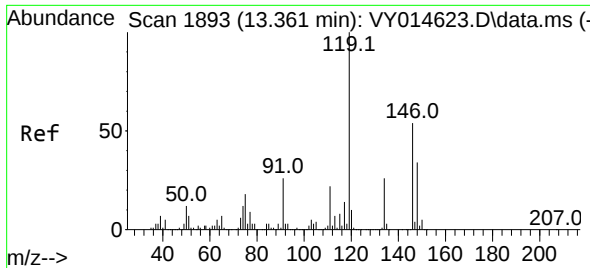
Ion Ratio Lower Upper

119 100

134 25.9 13.3 39.8

91 23.9 12.4 37.4





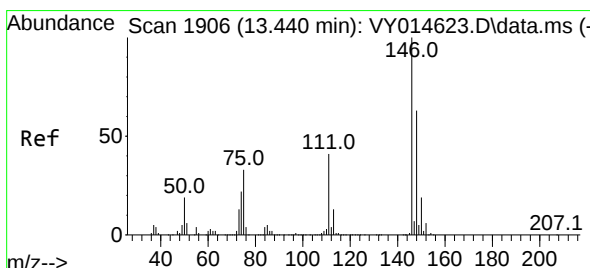
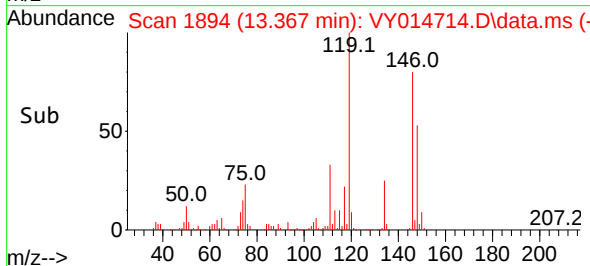
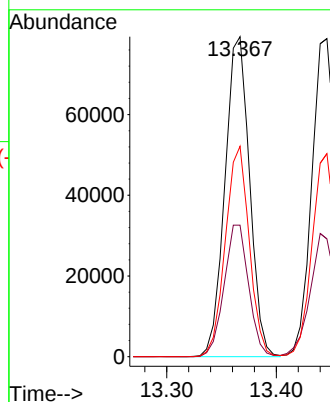
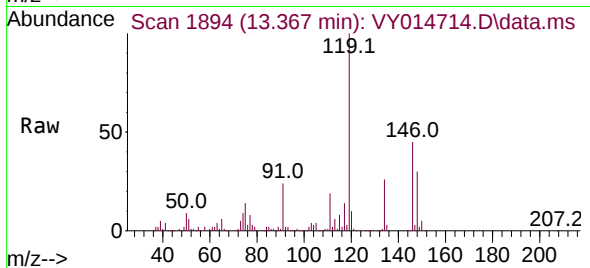
#87
1,3-Dichlorobenzene
Concen: 20.149 ug/l
RT: 13.367 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

Tgt Ion:146 Resp: 123688
Ion Ratio Lower Upper
146 100
111 41.0 19.4 58.2
148 63.8 31.9 95.5

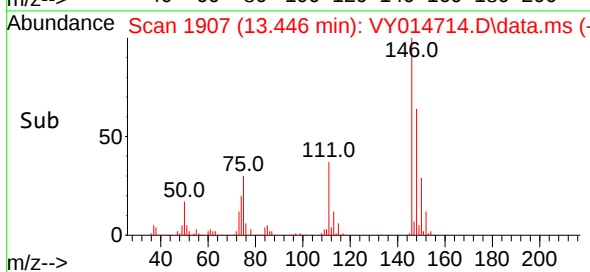
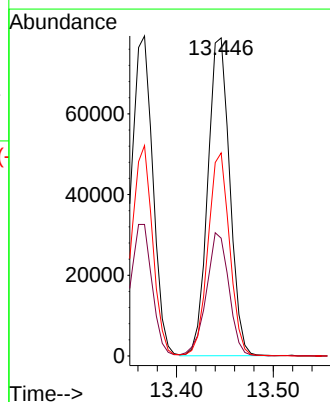
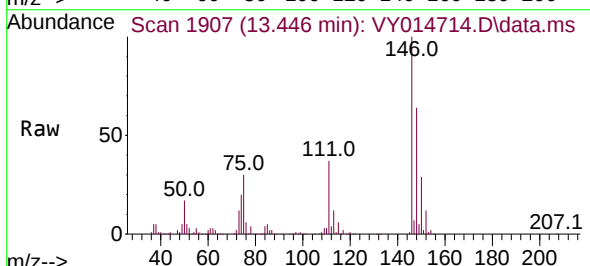
Manual Integrations
APPROVED

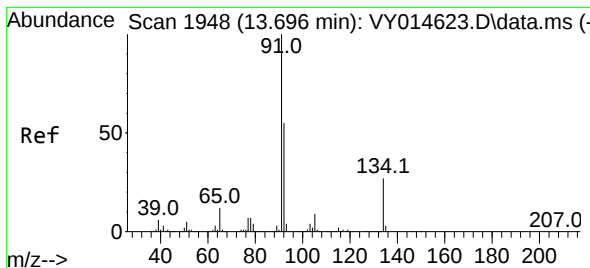
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#88
1,4-Dichlorobenzene
Concen: 20.205 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

Tgt Ion:146 Resp: 124295
Ion Ratio Lower Upper
146 100
111 39.9 18.9 56.7
148 63.1 32.1 96.5





#89

n-Butylbenzene

Concen: 19.424 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY014714.D

Acq: 20 Jul 2023 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0720SBS01

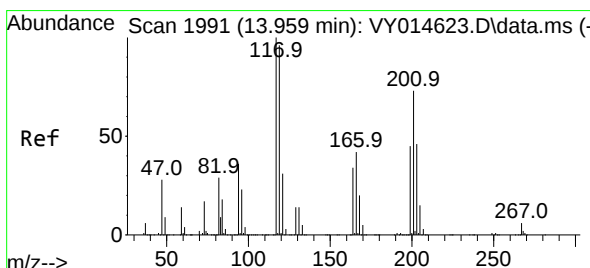
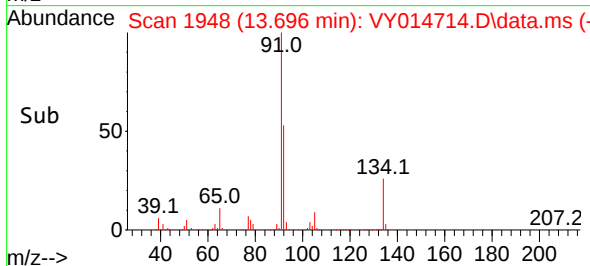
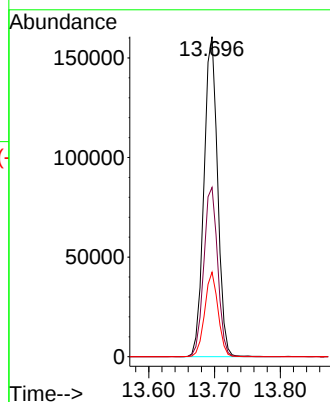
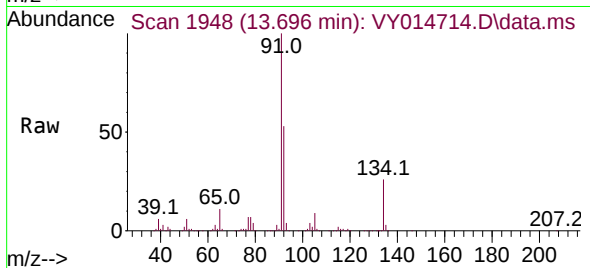
Tgt Ion:	91	Resp:	231700
Ion Ratio	Lower	Upper	
91	100		
92	53.9	25.4	76.0
134	25.8	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2023

Supervised By :Mahesh Dadoda 07/21/2023



#90

Hexachloroethane

Concen: 19.332 ug/l

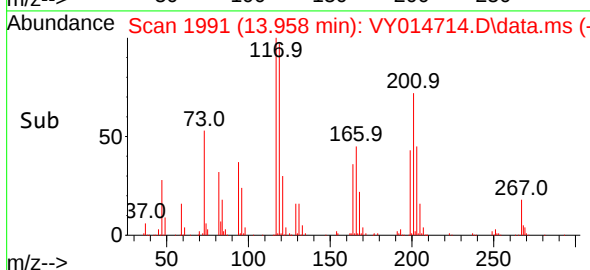
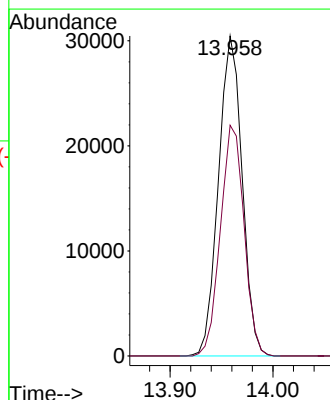
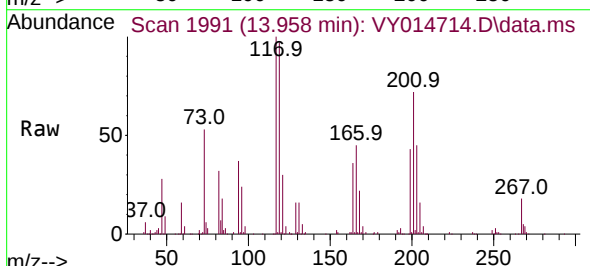
RT: 13.958 min Scan# 1991

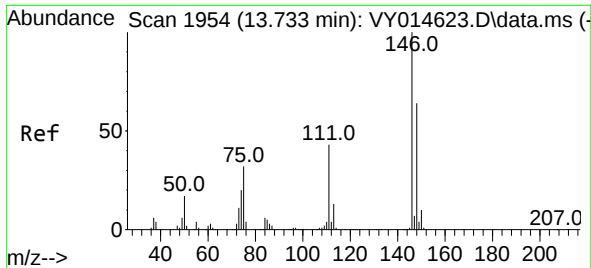
Delta R.T. -0.001 min

Lab File: VY014714.D

Acq: 20 Jul 2023 12:32

Tgt Ion:	117	Resp:	48683
Ion Ratio	Lower	Upper	
117	100		
201	72.1	41.6	124.8





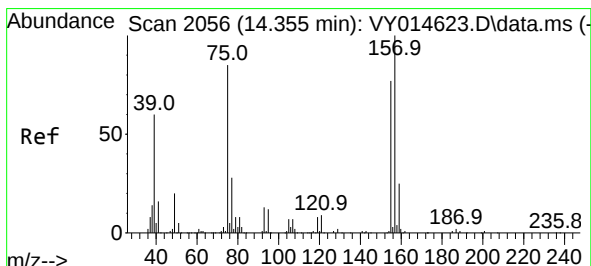
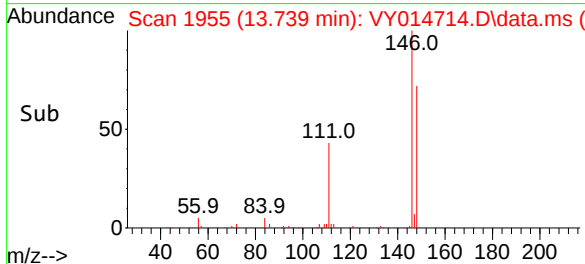
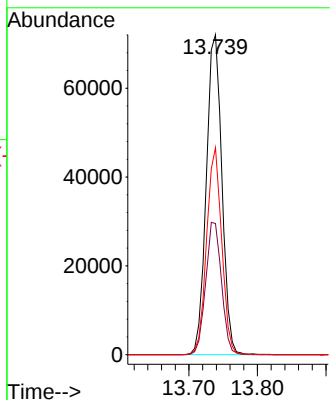
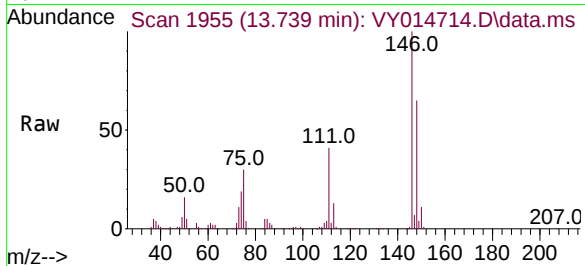
#91
1,2-Dichlorobenzene
Concen: 20.292 ug/l
RT: 13.739 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

Tgt Ion:146 Resp: 114130
Ion Ratio Lower Upper
146 100
111 42.0 19.7 59.0
148 62.4 32.0 96.2

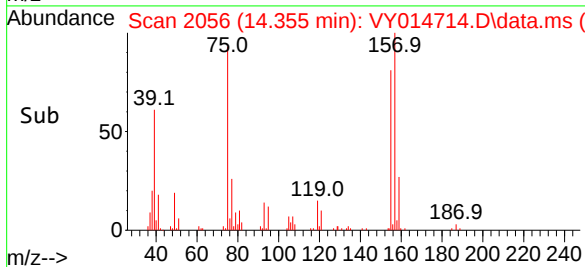
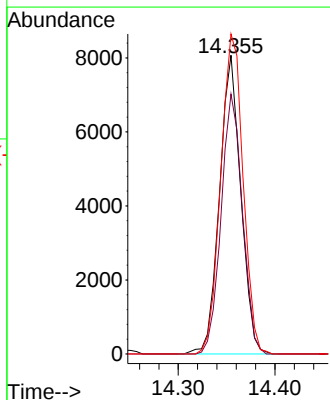
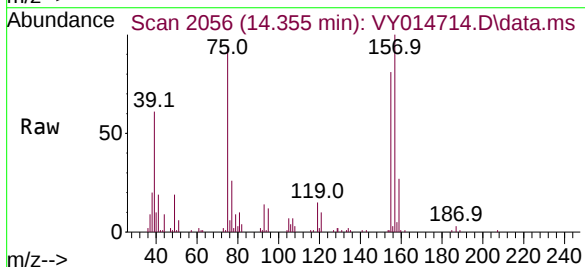
Manual Integrations
APPROVED

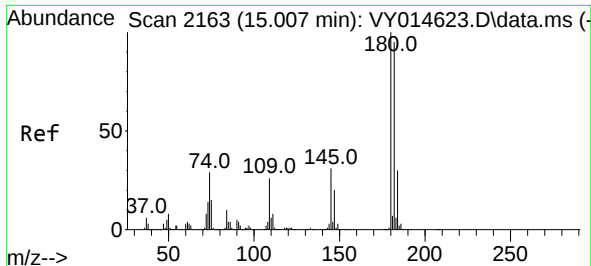
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.356 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.001 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

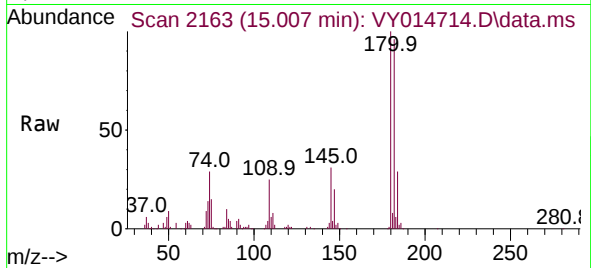
Tgt Ion: 75 Resp: 12267
Ion Ratio Lower Upper
75 100
155 87.2 41.5 124.6
157 112.8 51.8 155.5





#93
1,2,4-Trichlorobenzene
Concen: 20.252 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

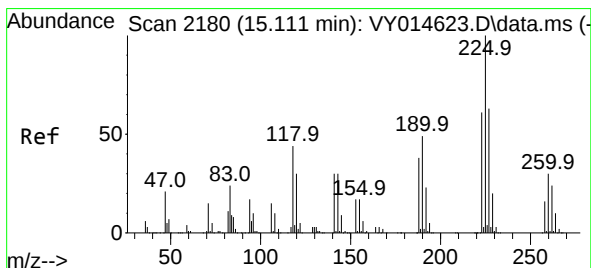
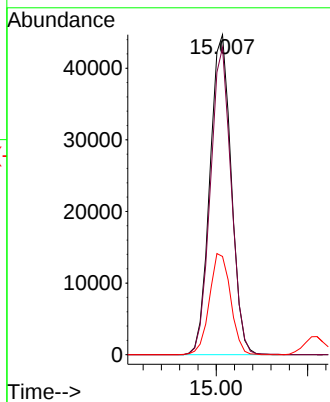
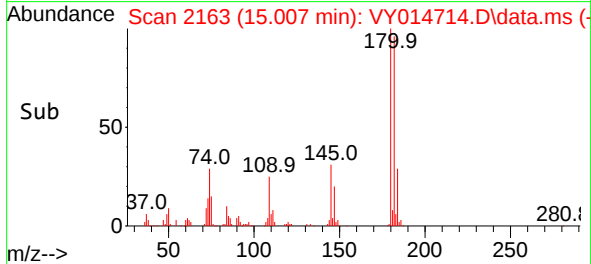
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01



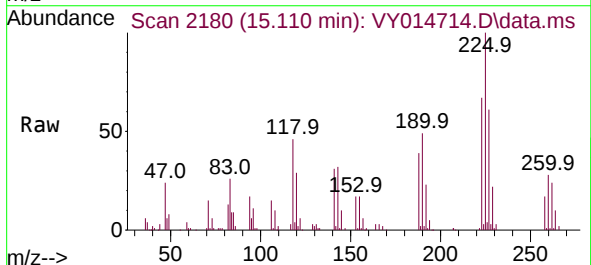
Tgt Ion:180 Resp: 72307
Ion Ratio Lower Upper
180 100
182 93.9 47.0 141.2
145 31.4 14.5 43.5

Manual Integrations
APPROVED

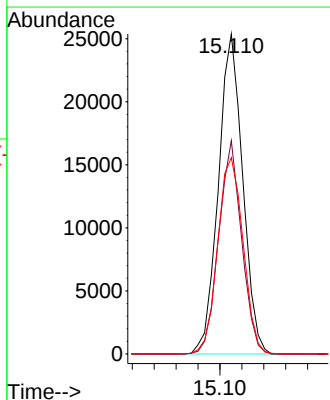
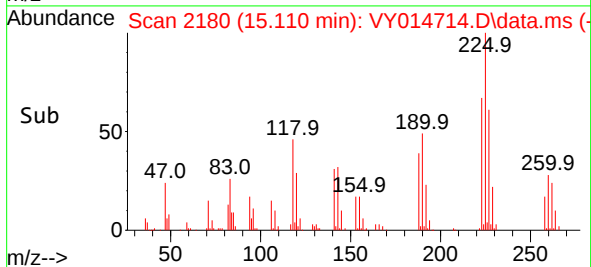
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

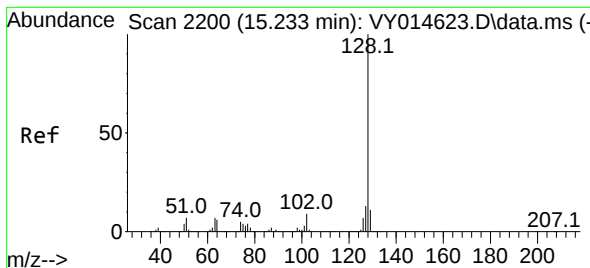


#94
Hexachlorobutadiene
Concen: 19.909 ug/l
RT: 15.110 min Scan# 2180
Delta R.T. -0.001 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32



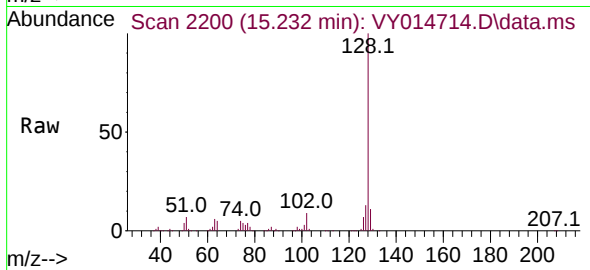
Tgt Ion:225 Resp: 39062
Ion Ratio Lower Upper
225 100
223 62.8 31.9 95.9
227 64.0 33.0 98.9





#95
Naphthalene
Concen: 20.784 ug/l
RT: 15.232 min Scan# 21
Delta R.T. -0.001 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

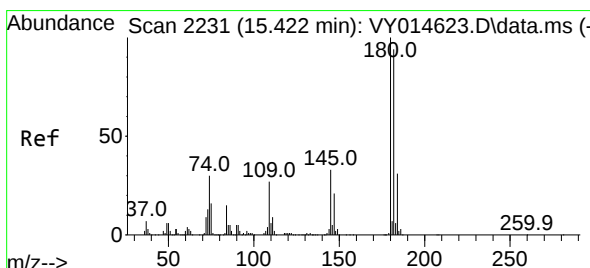
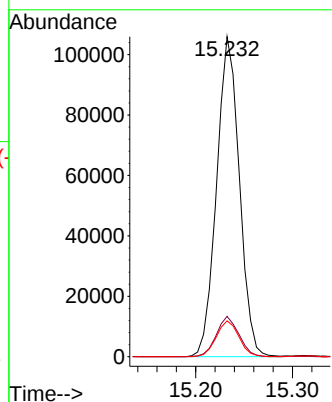
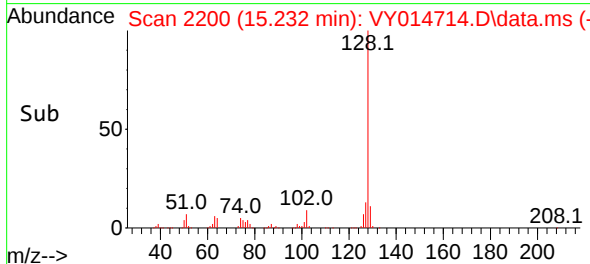
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01



Tgt Ion:128 Resp: 17287
Ion Ratio Lower Upper
128 100
127 12.5 10.8 16.2
129 11.1 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#96
1,2,3-Trichlorobenzene
Concen: 20.426 ug/l
RT: 15.421 min Scan# 2231
Delta R.T. -0.001 min
Lab File: VY014714.D
Acq: 20 Jul 2023 12:32

Tgt Ion:180 Resp: 64814
Ion Ratio Lower Upper
180 100
182 93.2 47.3 141.8
145 32.6 15.4 46.2

