

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072823\
 Data File : VY014899.D
 Acq On : 28 Jul 2023 11:20
 Operator : SY/MD
 Sample : VY0728SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0728SBS01

Quant Time: Jul 29 03:01:15 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/31/2023
 Supervised By : Mahesh Dadoda 07/31/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.783	168	198443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	331489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	299913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	153010	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	120760	53.402	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.800%			
35) Dibromofluoromethane	7.710	113	108829	51.573	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.140%			
50) Toluene-d8	10.173	98	390684	50.218	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.440%			
62) 4-Bromofluorobenzene	12.477	95	145061	48.628	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 97.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	28278	17.491	ug/l	93
3) Chloromethane	2.107	50	37894	20.851	ug/l	96
4) Vinyl Chloride	2.241	62	43443	21.389	ug/l	99
5) Bromomethane	2.619	94	32465	24.187	ug/l	97
6) Chloroethane	2.772	64	28255	22.271	ug/l	97
7) Trichlorofluoromethane	3.107	101	62146	18.218	ug/l	98
8) Diethyl Ether	3.521	74	22416	17.661	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.881	101	35227	16.848	ug/l	96
10) Methyl Iodide	4.076	142	29102	14.877	ug/l	98
11) Tert butyl alcohol	4.942	59	63021	124.339	ug/l #	93
12) 1,1-Dichloroethene	3.857	96	32938	16.855	ug/l	92
13) Acrolein	3.723	56	19619	83.007	ug/l	99
14) Allyl chloride	4.466	41	52884	15.242	ug/l	97
15) Acrylonitrile	5.155	53	69368	99.112	ug/l	98
16) Acetone	3.942	43	67927	94.792	ug/l	91
17) Carbon Disulfide	4.180	76	87196	15.585	ug/l	98
18) Methyl Acetate	4.466	43	55938	20.342	ug/l	92
19) Methyl tert-butyl Ether	5.210	73	111488	17.563	ug/l	97
20) Methylene Chloride	4.704	84	49999	18.847	ug/l	89
21) trans-1,2-Dichloroethene	5.204	96	37352	16.843	ug/l	94
22) Diisopropyl ether	6.106	45	116201	16.472	ug/l	95
23) Vinyl Acetate	6.051	43	358539	84.932	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	68161	16.887	ug/l #	95
25) 2-Butanone	6.978	43	105518	100.650	ug/l	100
26) 2,2-Dichloropropane	6.972	77	62164	16.160	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	44813	17.360	ug/l	94
28) Bromochloromethane	7.326	49	36240	20.847	ug/l	95
29) Tetrahydrofuran	7.344	42	64706	100.236	ug/l	91
30) Chloroform	7.496	83	71817	17.254	ug/l	94
31) Cyclohexane	7.777	56	58643	15.622	ug/l	86
32) 1,1,1-Trichloroethane	7.691	97	62944	16.802	ug/l	99
36) 1,1-Dichloropropene	7.911	75	52305	16.575	ug/l	99
37) Ethyl Acetate	7.070	43	40659	18.714	ug/l #	95
38) Carbon Tetrachloride	7.893	117	55298	16.577	ug/l	97
39) Methylcyclohexane	9.179	83	63545	15.456	ug/l	92
40) Benzene	8.155	78	152770	17.022	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	21151m	18.926	ug/l	
42) 1,2-Dichloroethane	8.228	62	51926	18.270	ug/l	96
43) Isopropyl Acetate	8.264	43	73517	17.763	ug/l	97
44) Trichloroethene	8.935	130	42355	16.867	ug/l	97
45) 1,2-Dichloropropane	9.209	63	39758	16.965	ug/l	95
46) Dibromomethane	9.301	93	25600	18.006	ug/l	95
47) Bromodichloromethane	9.490	83	57706	17.221	ug/l	99
48) Methyl methacrylate	9.289	41	32735	17.577	ug/l	94
49) 1,4-Dioxane	9.295	88	9182	396.073	ug/l #	47
51) 4-Methyl-2-Pentanone	10.063	43	211949	97.535	ug/l	94
52) Toluene	10.240	92	96875	16.868	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	59325	16.186	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	65080	16.328	ug/l	94
55) 1,1,2-Trichloroethane	10.636	97	37060	18.713	ug/l	97
56) Ethyl methacrylate	10.502	69	52232	17.274	ug/l	89
57) 1,3-Dichloropropane	10.782	76	61076	17.880	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.776	63	143012	101.506	ug/l	94
59) 2-Hexanone	10.825	43	155270	97.980	ug/l	92
60) Dibromochloromethane	10.977	129	42263	17.406	ug/l	98
61) 1,2-Dibromoethane	11.081	107	35201	17.817	ug/l	99
64) Tetrachloroethene	10.715	164	42193	17.492	ug/l	97
65) Chlorobenzene	11.508	112	107248	16.781	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.581	131	40229	16.695	ug/l	98
67) Ethyl Benzene	11.587	91	186687	16.179	ug/l	98
68) m/p-Xylenes	11.697	106	142452	32.340	ug/l	98
69) o-Xylene	12.026	106	71122	16.577	ug/l	96
70) Styrene	12.038	104	120767	16.701	ug/l	96
71) Bromoform	12.203	173	28074	17.188	ug/l #	98
73) Isopropylbenzene	12.325	105	187133	15.619	ug/l	100
74) N-amyl acetate	12.136	43	64466	16.066	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.575	83	46912	17.170	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	37379m	19.343	ug/l	
77) Bromobenzene	12.605	156	44991	16.451	ug/l	98
78) n-propylbenzene	12.666	91	225116	15.593	ug/l	100
79) 2-Chlorotoluene	12.751	91	126786	15.247	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	156978	15.689	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	14445	14.473	ug/l	100
82) 4-Chlorotoluene	12.849	91	131527	15.358	ug/l	100
83) tert-Butylbenzene	13.069	119	137222	15.460	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	155729	15.859	ug/l	98
85) sec-Butylbenzene	13.245	105	205989	15.821	ug/l	99
86) p-Isopropyltoluene	13.361	119	169300	15.926	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	89183	16.755	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	90039	16.881	ug/l	98
89) n-Butylbenzene	13.690	91	161291	15.595	ug/l	97
90) Hexachloroethane	13.952	117	32985	15.107	ug/l	89
91) 1,2-Dichlorobenzene	13.733	146	81364	16.685	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.349	75	9115	17.445	ug/l	94
93) 1,2,4-Trichlorobenzene	15.001	180	50684	16.373	ug/l	97
94) Hexachlorobutadiene	15.105	225	28046	16.487	ug/l	96
95) Naphthalene	15.233	128	125792	17.442	ug/l	99
96) 1,2,3-Trichlorobenzene	15.416	180	46662	16.961	ug/l	99

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

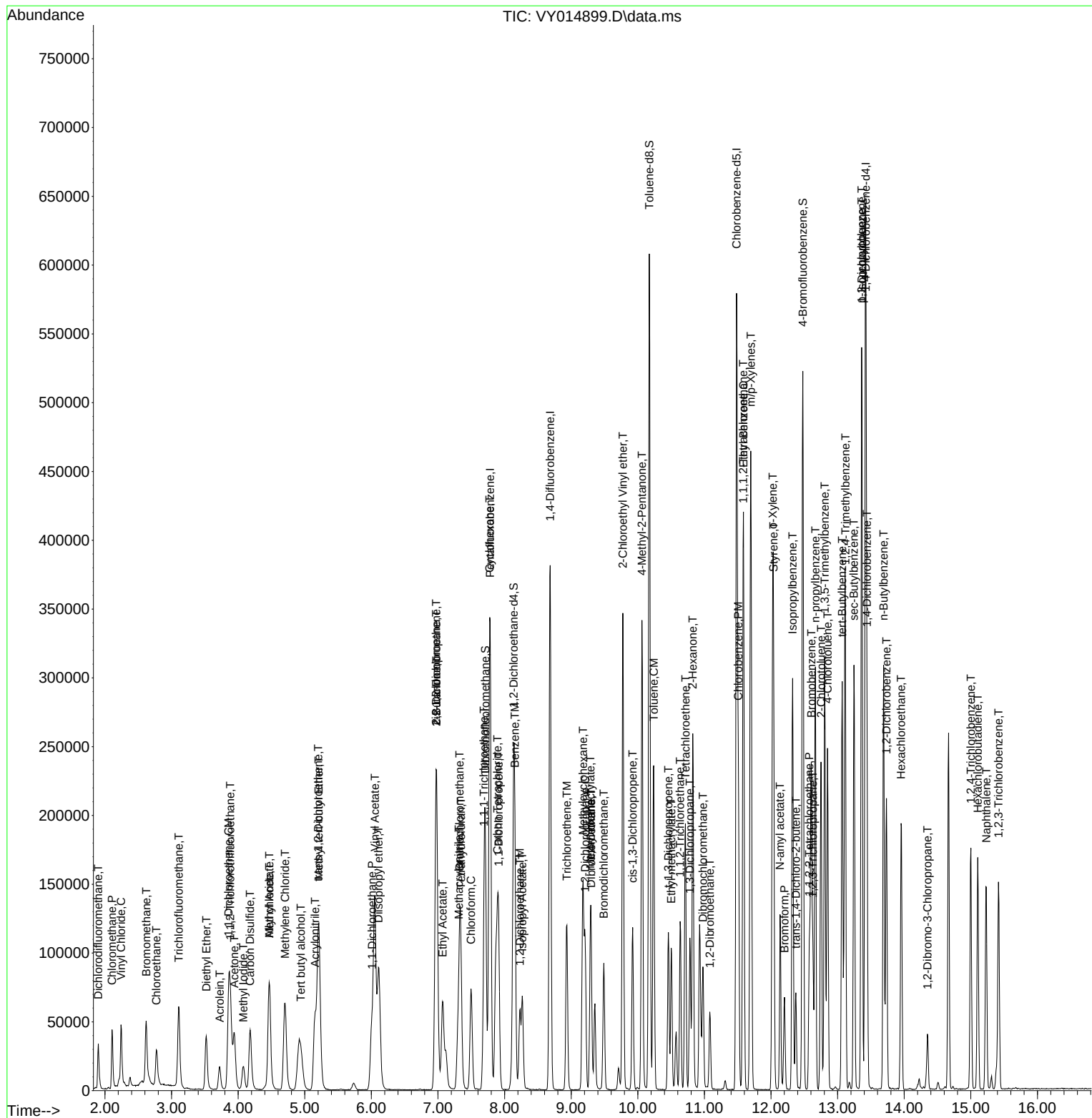
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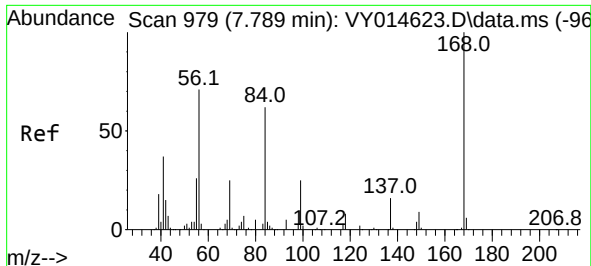
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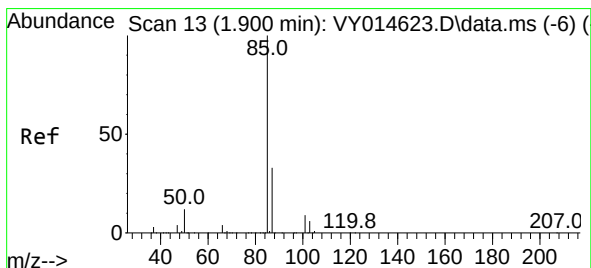
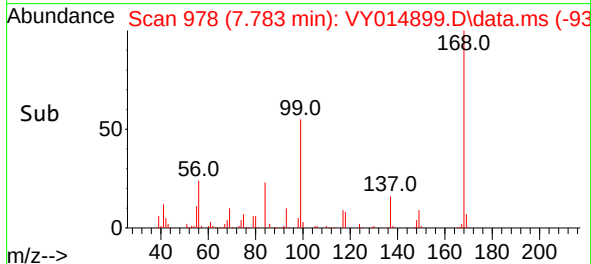
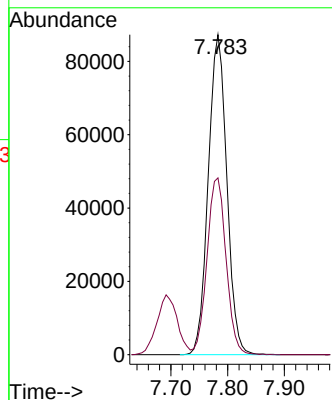
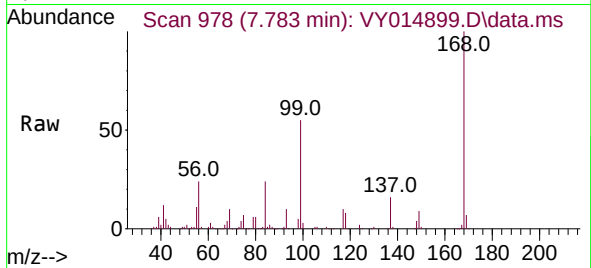
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014899.D
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Tgt Ion:168 Resp: 19844
Ion Ratio Lower Upper
168 100
99 55.2 43.4 65.0

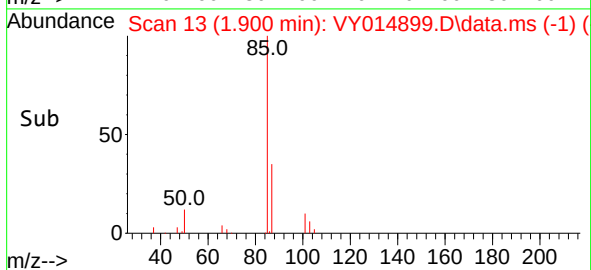
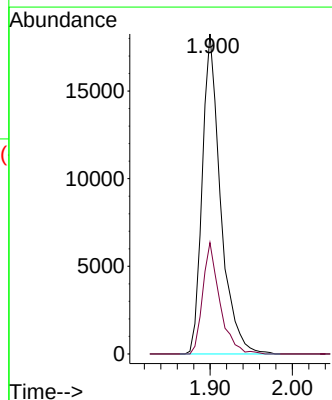
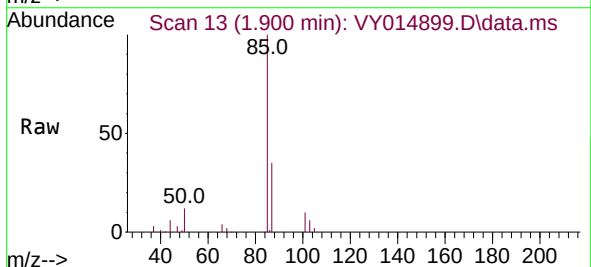
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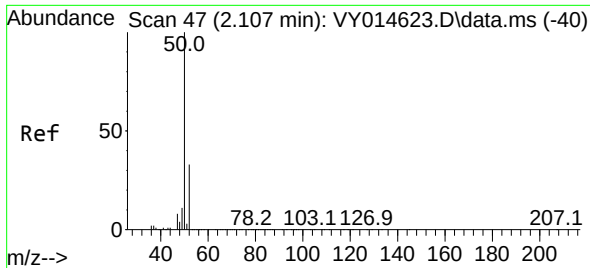
Reviewed By :John Carlone 07/31/2023
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#2
Dichlorodifluoromethane
Concen: 17.491 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Tgt Ion: 85 Resp: 28278
Ion Ratio Lower Upper
85 100
87 34.8 15.6 46.8





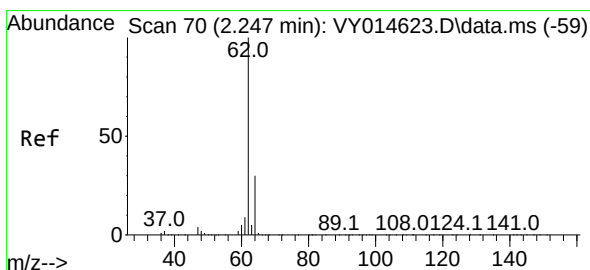
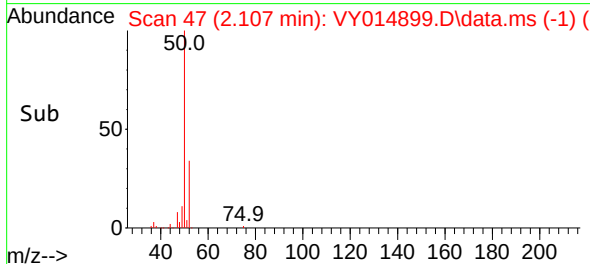
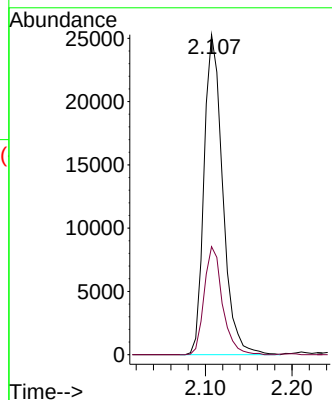
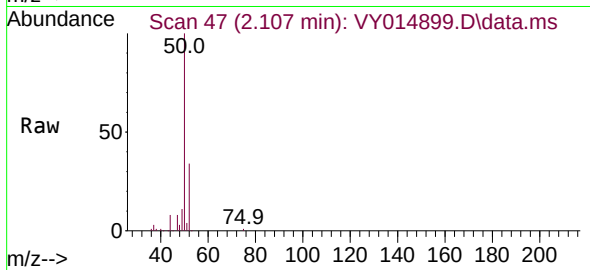
#3
Chloromethane
Concen: 20.851 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

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ClientSampleId :
VY0728SBS01

Tgt Ion: 50 Resp: 37894
Ion Ratio Lower Upper
50 100
52 33.8 25.4 38.2

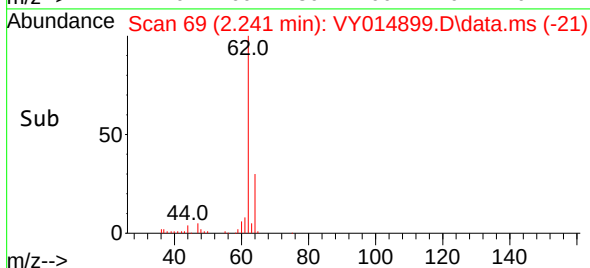
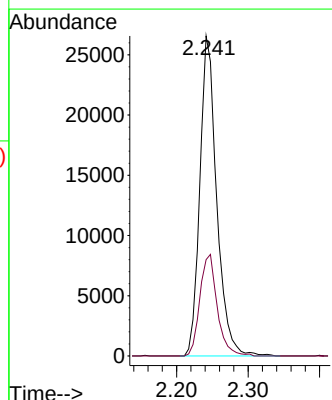
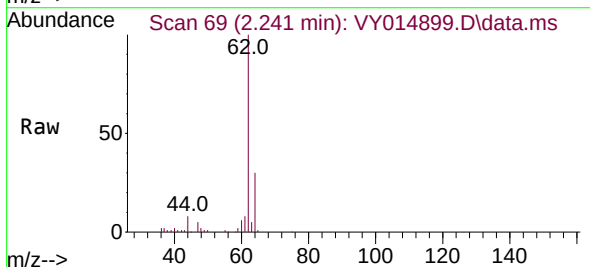
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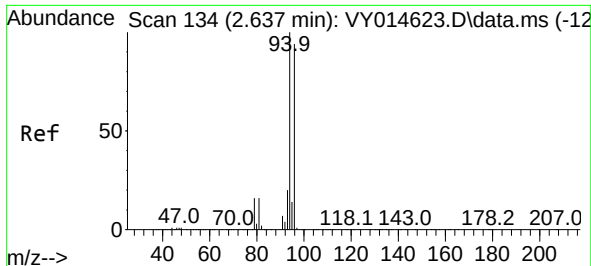
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#4
Vinyl Chloride
Concen: 21.389 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

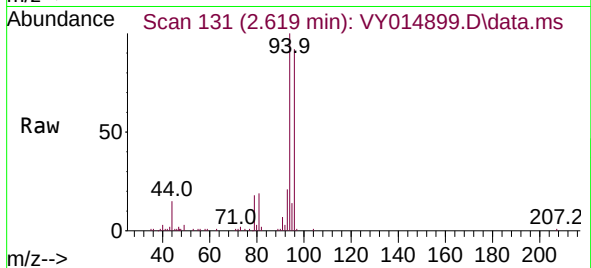
Tgt Ion: 62 Resp: 43443
Ion Ratio Lower Upper
62 100
64 30.1 24.3 36.5





#5
Bromomethane
Concen: 24.187 ug/l
RT: 2.619 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY014899.D
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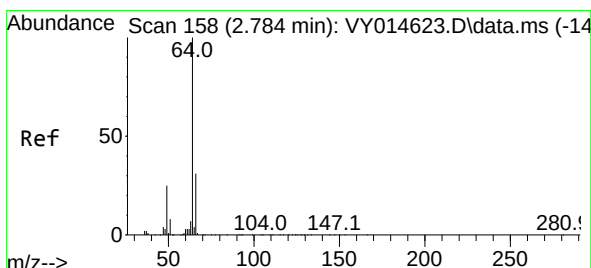
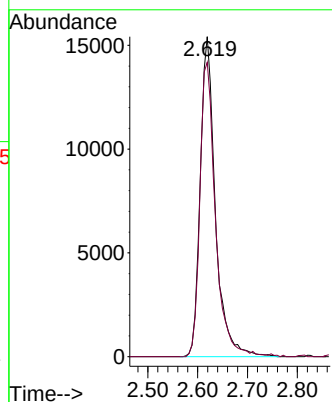
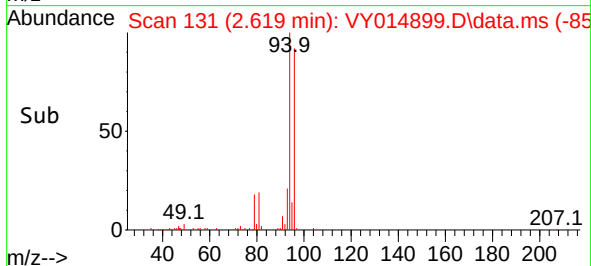
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Tgt Ion: 94 Resp: 3246
Ion Ratio Lower Upper
94 100
96 92.0 75.8 113.6

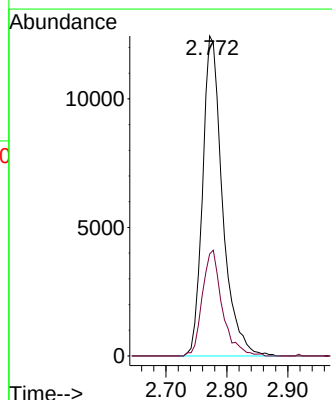
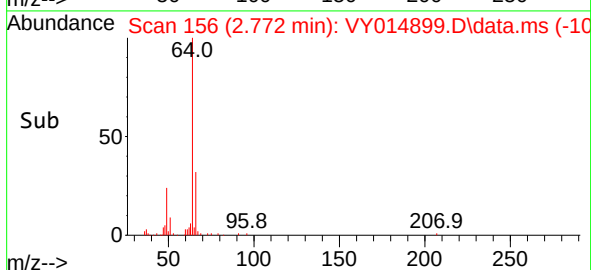
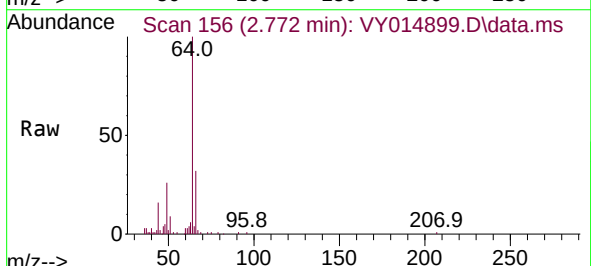
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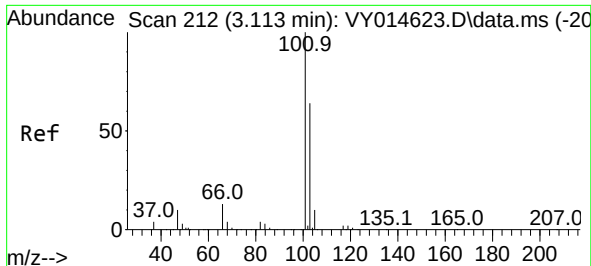
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#6
Chloroethane
Concen: 22.271 ug/l
RT: 2.772 min Scan# 156
Delta R.T. -0.012 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

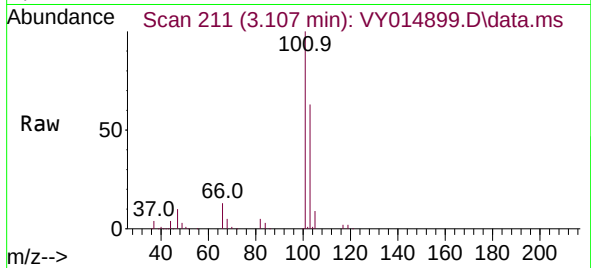
Tgt Ion: 64 Resp: 28255
Ion Ratio Lower Upper
64 100
66 31.9 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 18.218 ug/l
 RT: 3.107 min Scan# 212
 Delta R.T. -0.006 min
 Lab File: VY014899.D
 Acq: 28 Jul 2023 11:20

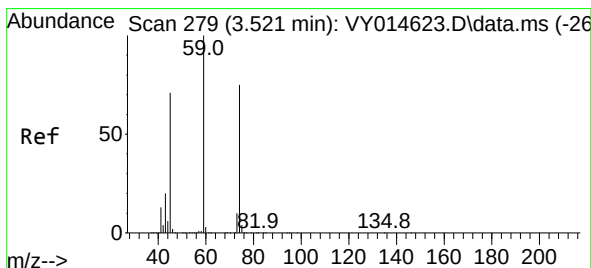
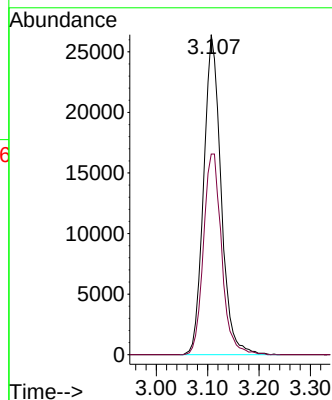
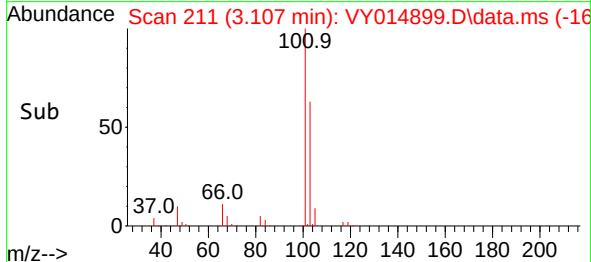
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Tgt Ion: 101 Resp: 62140
 Ion Ratio Lower Upper
 101 100
 103 62.7 51.4 77.0

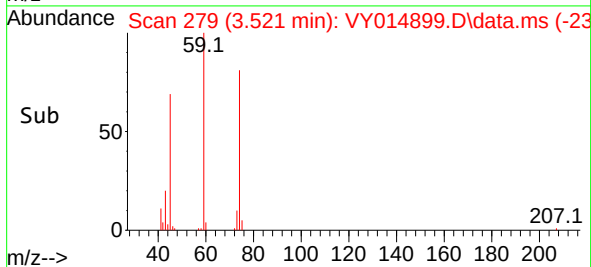
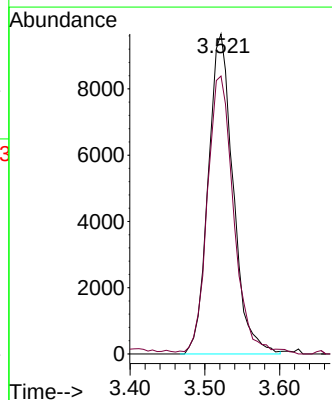
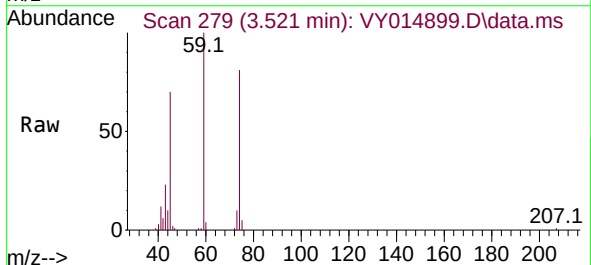
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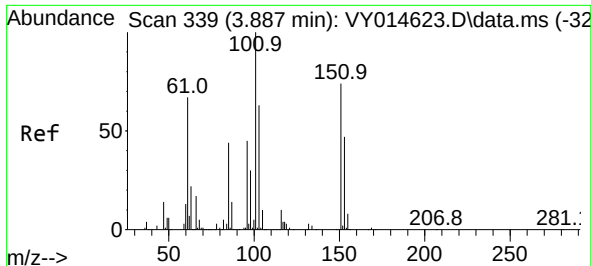
Reviewed By : John Carlone 07/31/2023
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#8
 Diethyl Ether
 Concen: 17.661 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VY014899.D
 Acq: 28 Jul 2023 11:20

Tgt Ion: 74 Resp: 22416
 Ion Ratio Lower Upper
 74 100
 45 92.2 51.5 154.5





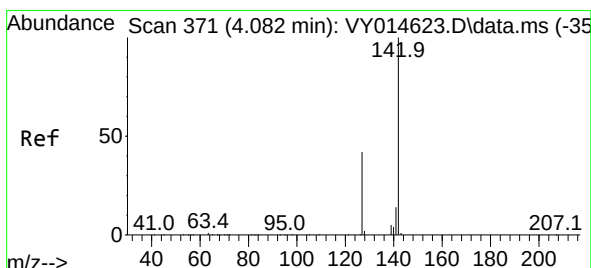
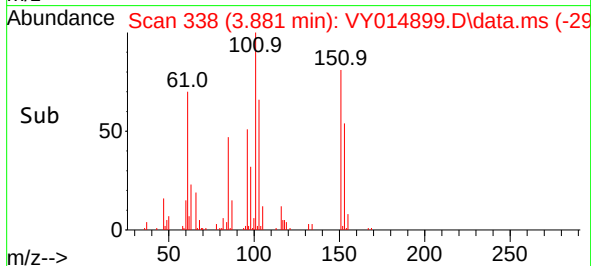
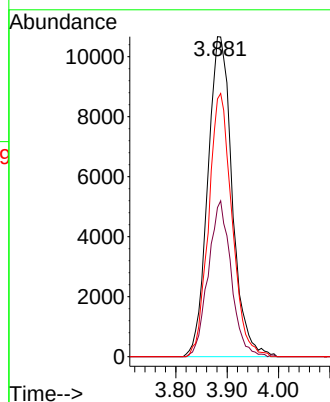
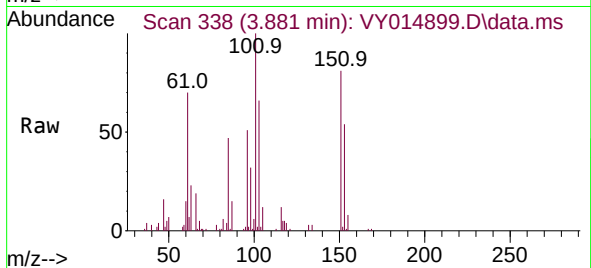
#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.848 ug/l
RT: 3.881 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion:101 Resp: 3522
Ion Ratio Lower Upper
101 100
85 45.5 36.6 55.0
151 78.5 67.0 100.6

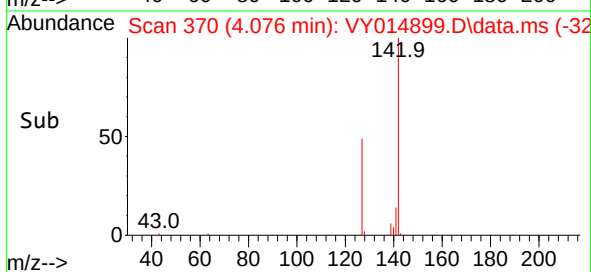
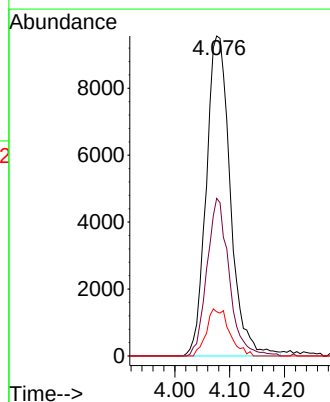
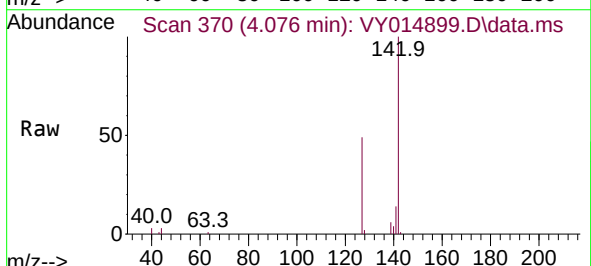
Manual Integrations
APPROVED

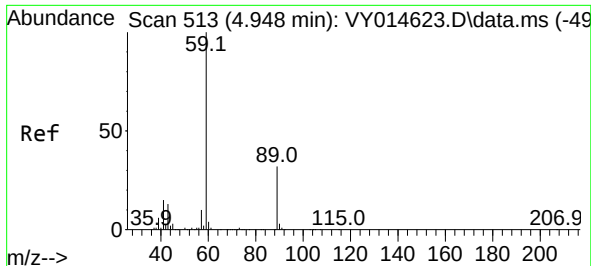
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#10
Methyl Iodide
Concen: 14.877 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Tgt Ion:142 Resp: 29102
Ion Ratio Lower Upper
142 100
127 45.5 37.6 56.4
141 14.0 11.8 17.8





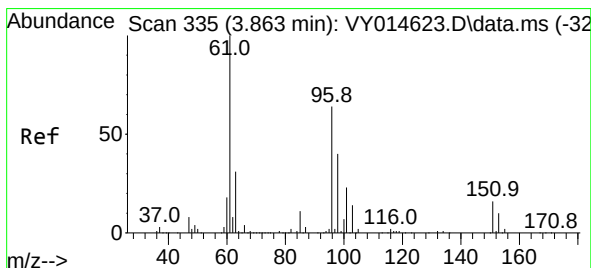
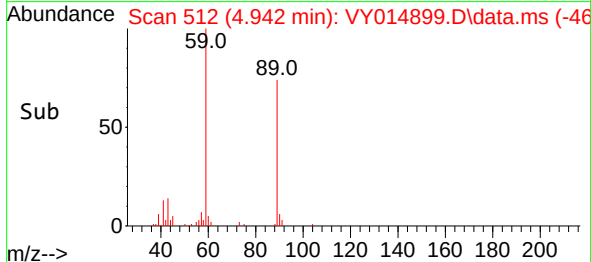
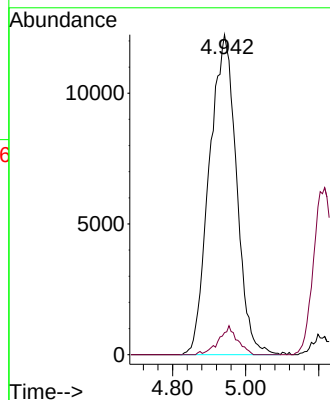
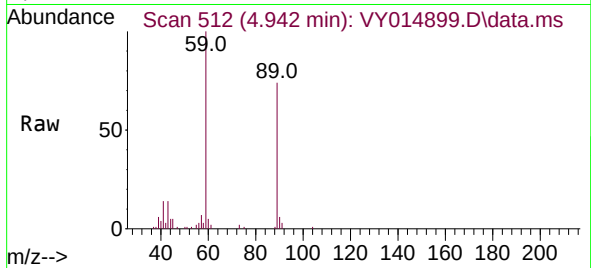
#11
Tert butyl alcohol
Concen: 124.339 ug/l
RT: 4.942 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion: 59 Resp: 6302
Ion Ratio Lower Upper
59 100
57 6.0 3.0 4.4

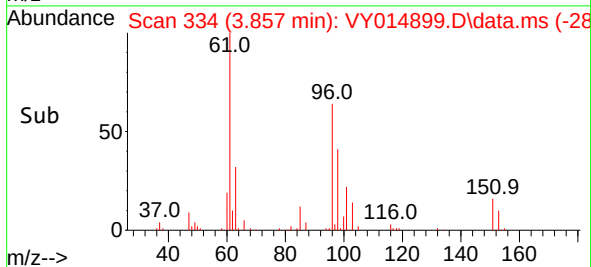
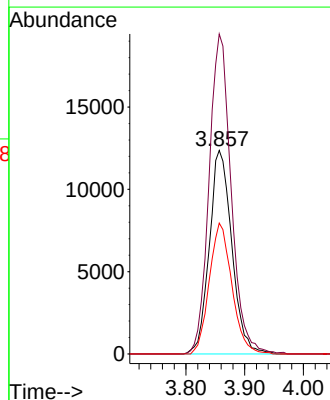
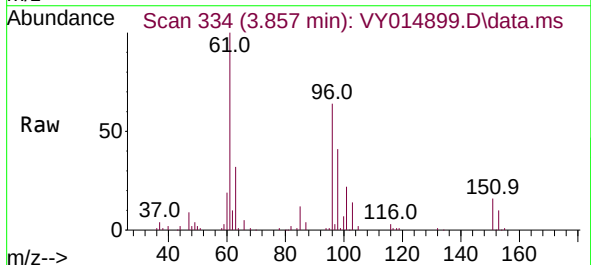
Manual Integrations
APPROVED

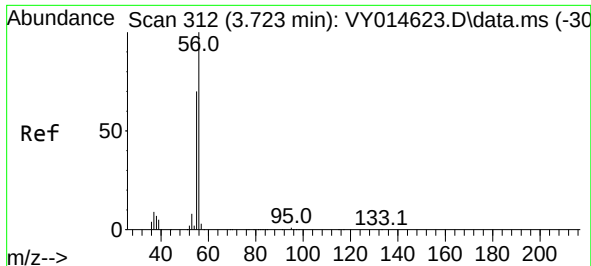
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#12
1,1-Dichloroethene
Concen: 16.855 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Tgt Ion: 96 Resp: 32938
Ion Ratio Lower Upper
96 100
61 157.2 136.4 204.6
98 64.3 49.4 74.2





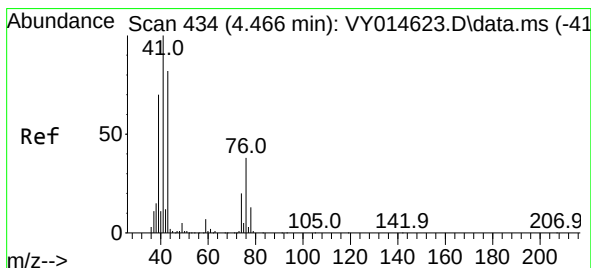
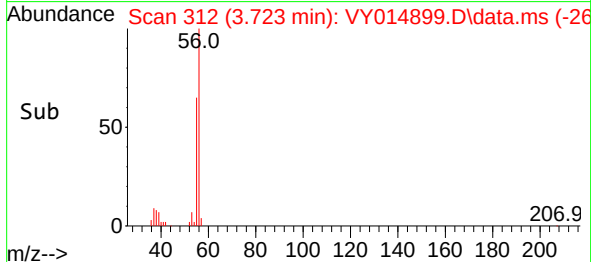
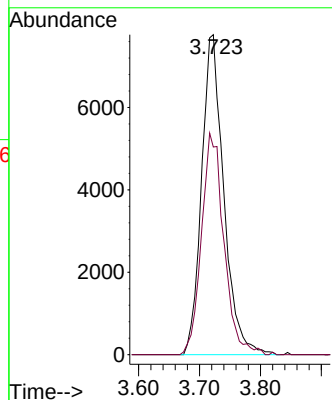
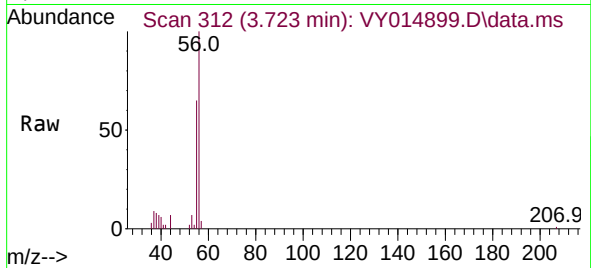
#13
Acrolein
Concen: 83.007 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion: 56 Resp: 19619
Ion Ratio Lower Upper
56 100
55 70.0 57.0 85.4

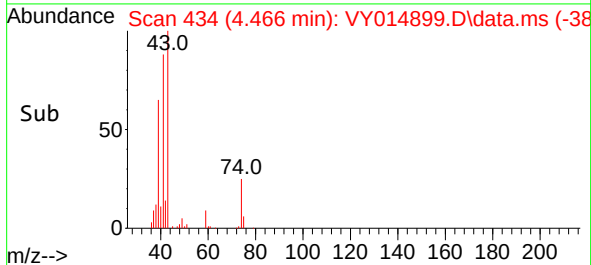
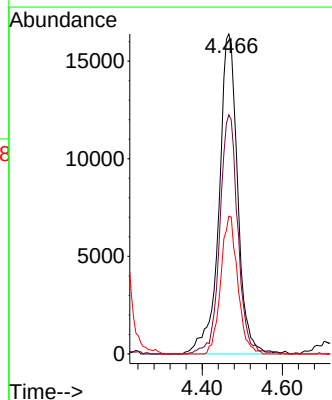
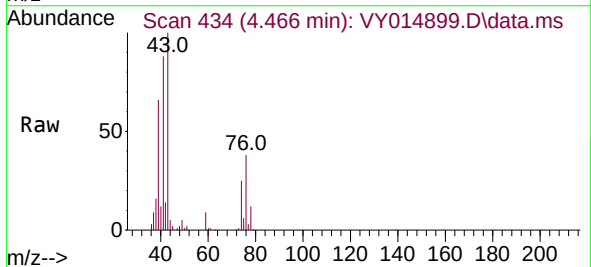
Manual Integrations
APPROVED

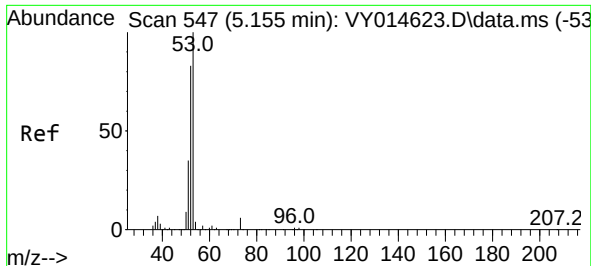
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#14
Allyl chloride
Concen: 15.242 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

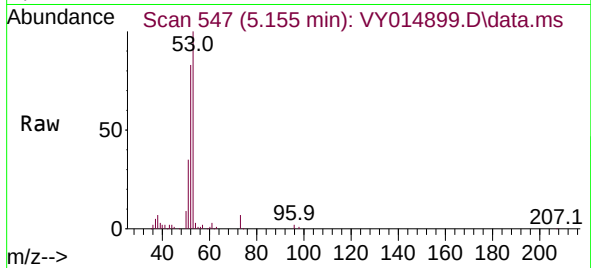
Tgt Ion: 41 Resp: 52884
Ion Ratio Lower Upper
41 100
39 72.1 58.0 87.0
76 39.2 27.4 41.2





#15
Acrylonitrile
Concen: 99.112 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

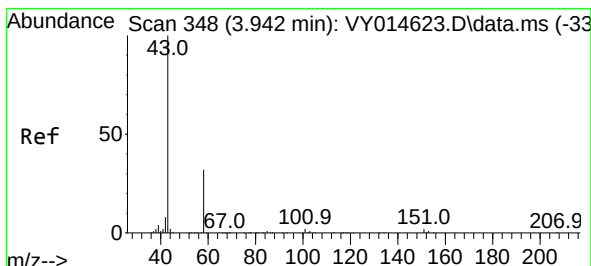
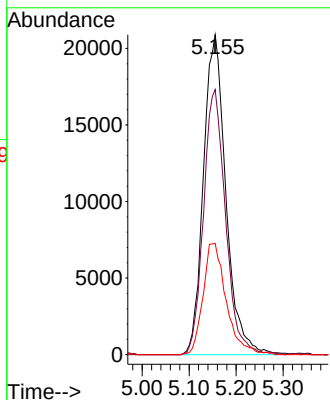
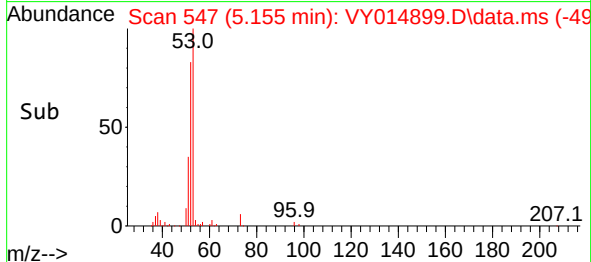
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01



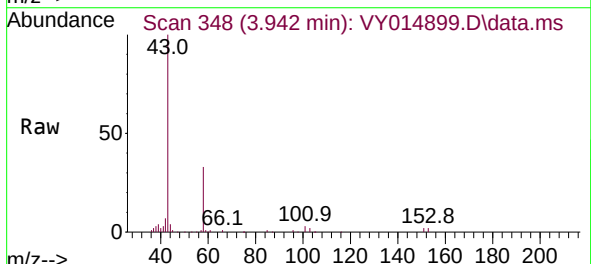
Tgt Ion: 53 Resp: 69368
Ion Ratio Lower Upper
53 100
52 81.3 66.9 100.3
51 36.0 29.8 44.6

Manual Integrations
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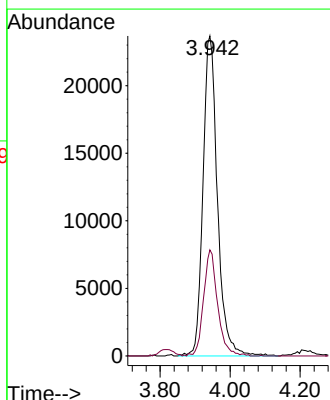
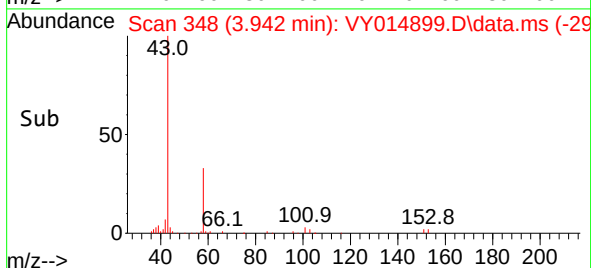
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

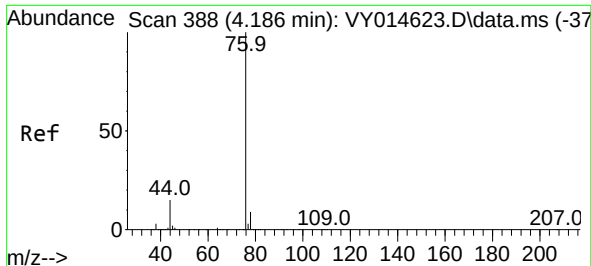


#16
Acetone
Concen: 94.792 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20



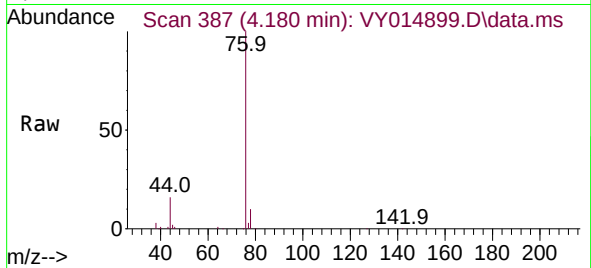
Tgt Ion: 43 Resp: 67927
Ion Ratio Lower Upper
43 100
58 33.2 22.7 34.1





#17
Carbon Disulfide
Concen: 15.585 ug/l
RT: 4.180 min Scan# 388
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

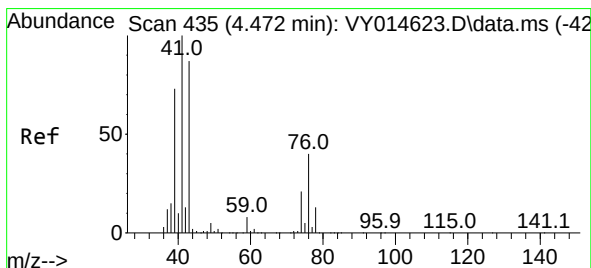
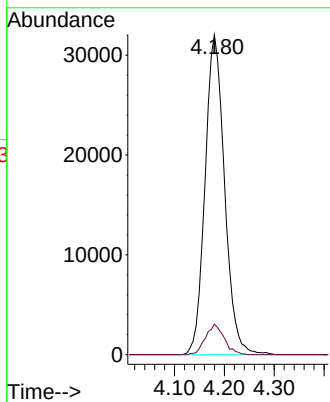
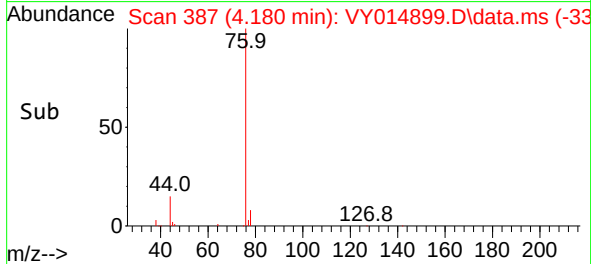
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01



Tgt Ion: 76 Resp: 87190
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.4

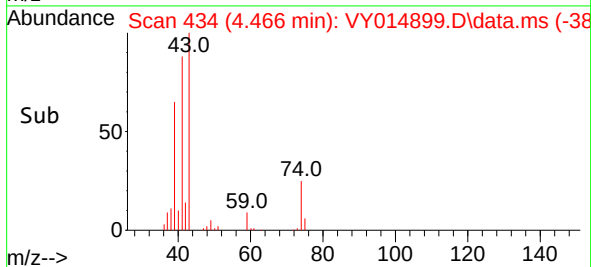
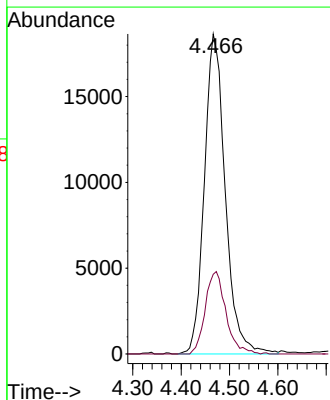
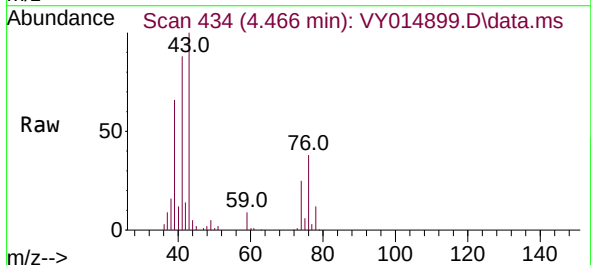
Manual Integrations
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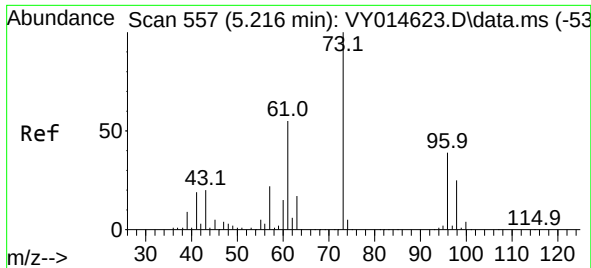
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#18
Methyl Acetate
Concen: 20.342 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Tgt Ion: 43 Resp: 55938
Ion Ratio Lower Upper
43 100
74 25.4 17.4 26.0





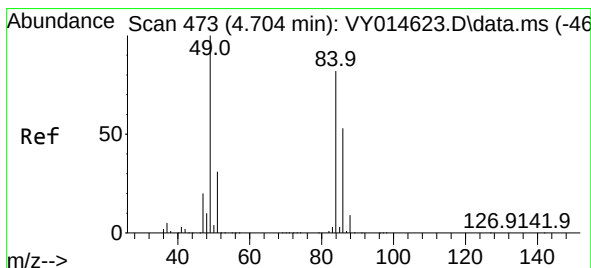
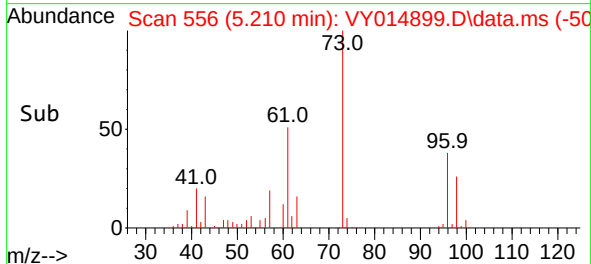
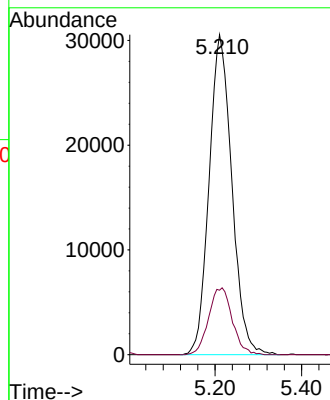
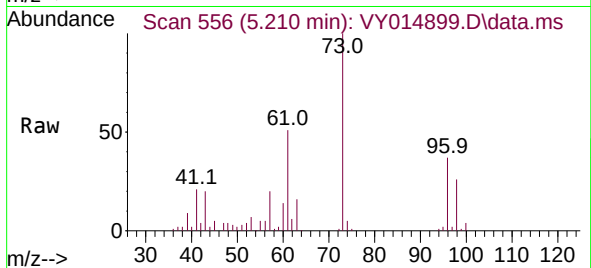
#19
Methyl tert-butyl Ether
Concen: 17.563 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion: 73 Resp: 111488
Ion Ratio Lower Upper
73 100
57 20.1 17.3 25.9

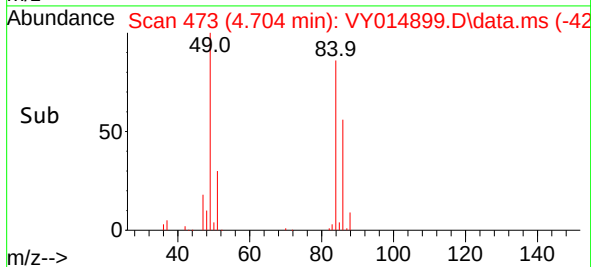
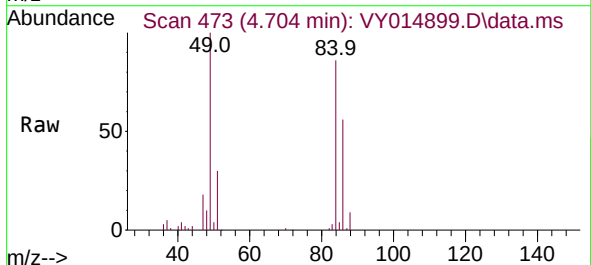
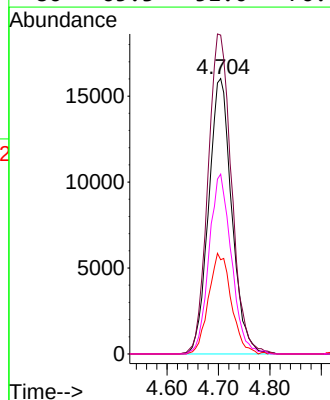
Manual Integrations
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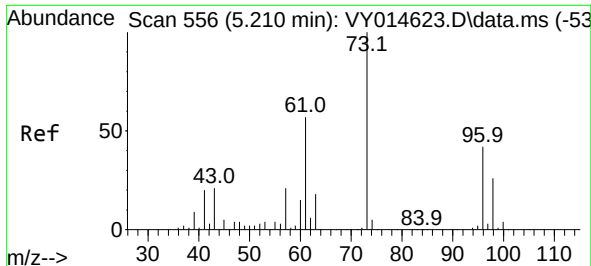
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#20
Methylene Chloride
Concen: 18.847 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Tgt Ion: 84 Resp: 49999
Ion Ratio Lower Upper
84 100
49 115.8 106.9 160.3
51 34.3 33.2 49.8
86 65.3 51.0 76.6





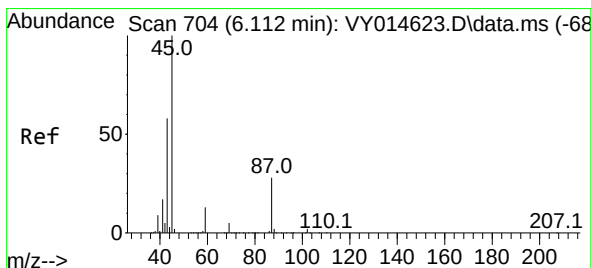
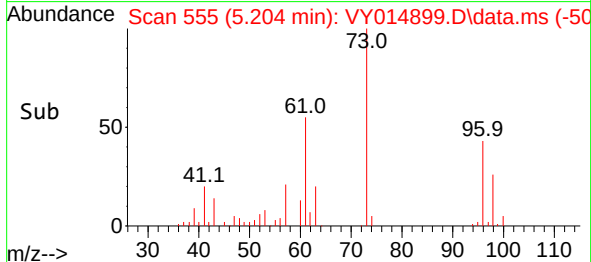
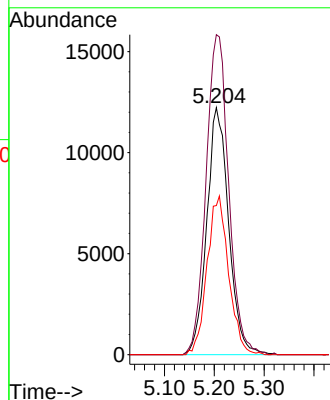
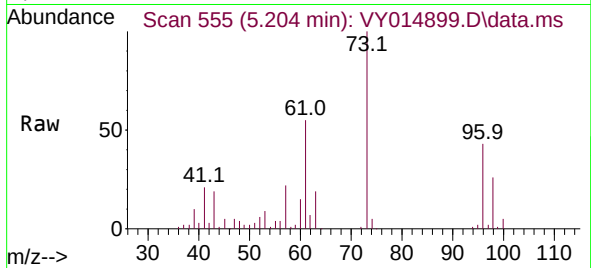
#21
trans-1,2-Dichloroethene
Concen: 16.843 ug/l
RT: 5.204 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion: 96 Resp: 37352
Ion Ratio Lower Upper
96 100
61 129.5 110.2 165.4
98 60.4 51.8 77.6

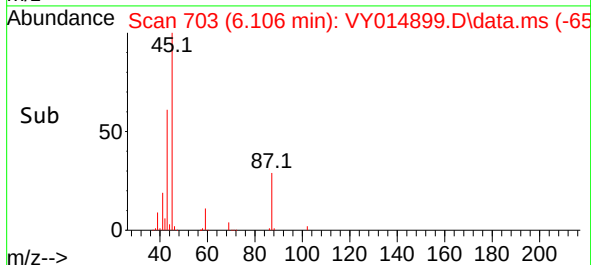
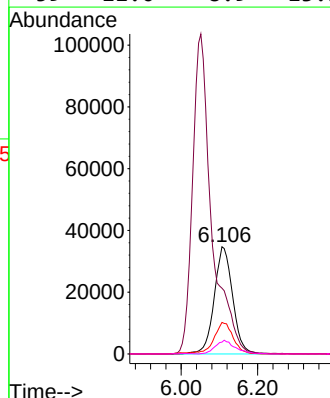
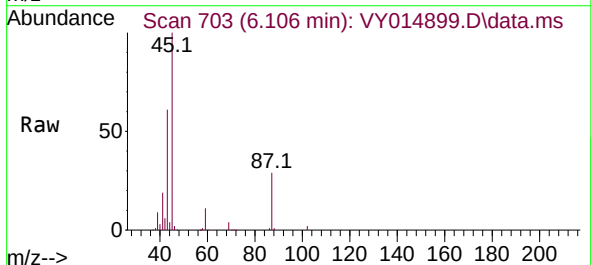
Manual Integrations
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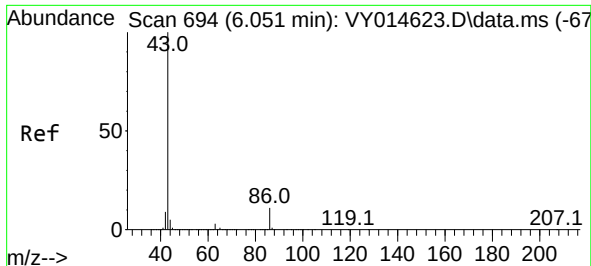
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#22
Diisopropyl ether
Concen: 16.472 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

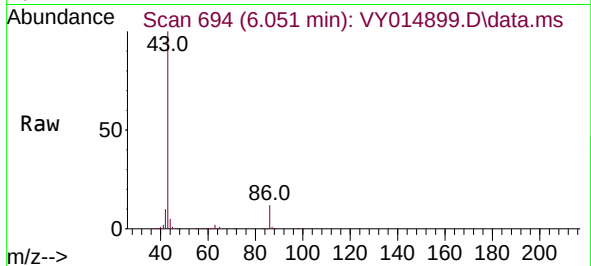
Tgt Ion: 45 Resp: 116201
Ion Ratio Lower Upper
45 100
43 60.9 52.2 78.4
87 29.4 21.0 31.6
59 11.0 8.9 13.3





#23
 Vinyl Acetate
 Concen: 84.932 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY014899.D
 Acq: 28 Jul 2023 11:20

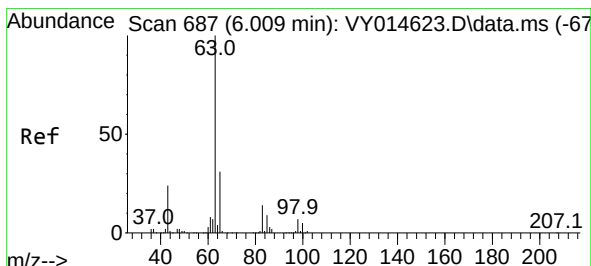
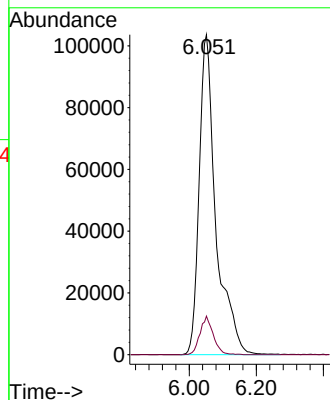
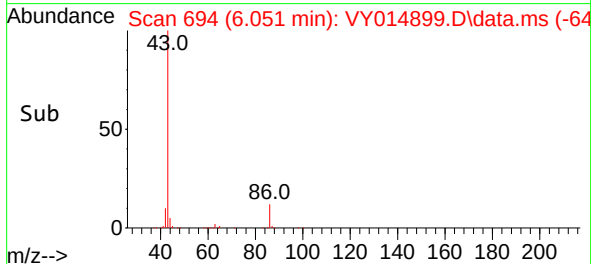
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0728SBS01



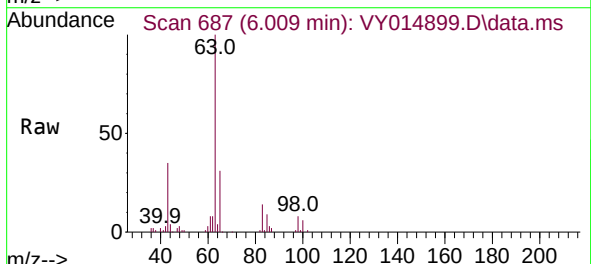
Tgt Ion: 43 Resp: 358539
 Ion Ratio Lower Upper
 43 100
 86 12.1 7.5 11.3

Manual Integrations
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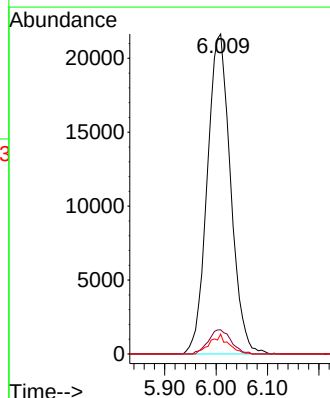
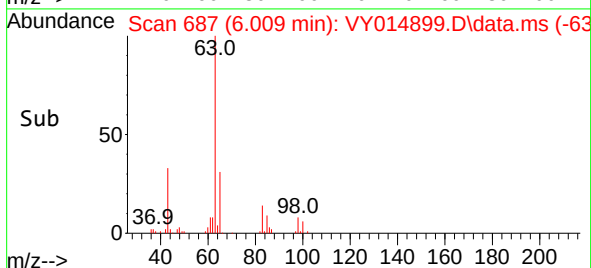
Reviewed By :John Carlone 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023

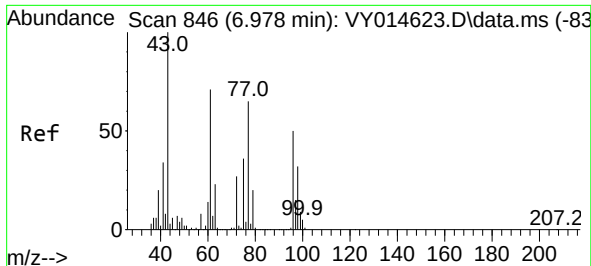


#24
 1,1-Dichloroethane
 Concen: 16.887 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY014899.D
 Acq: 28 Jul 2023 11:20



Tgt Ion: 63 Resp: 68161
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.1 9.4
 100 6.2 1.8 5.5





#25

2-Butanone

Concen: 100.650 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS01

Tgt Ion: 43 Resp: 105518

Ion Ratio Lower Upper

43 100

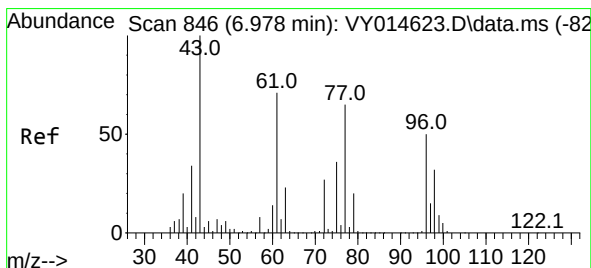
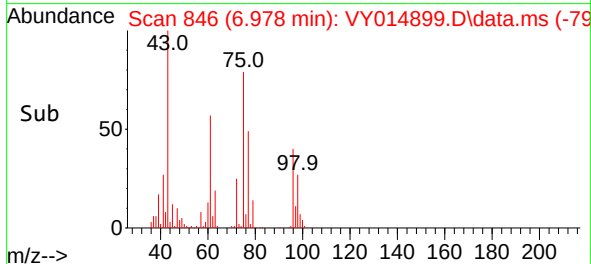
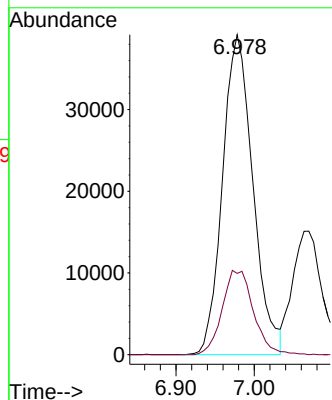
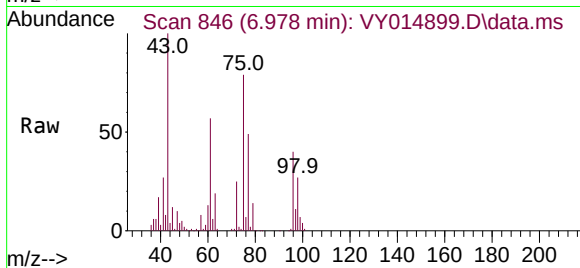
72 25.4 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#26

2,2-Dichloropropane

Concen: 16.160 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY014899.D

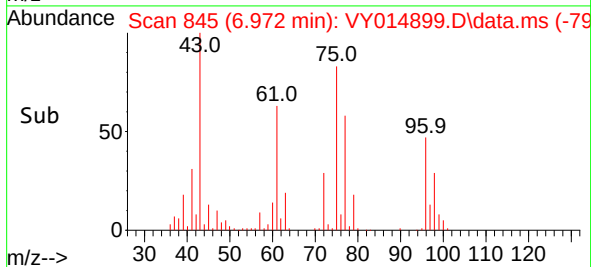
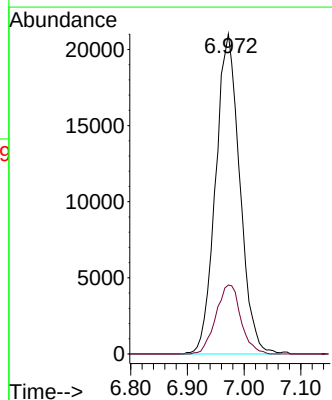
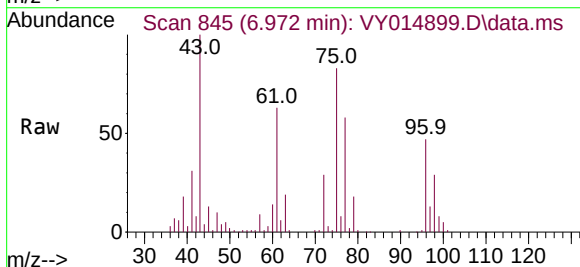
Acq: 28 Jul 2023 11:20

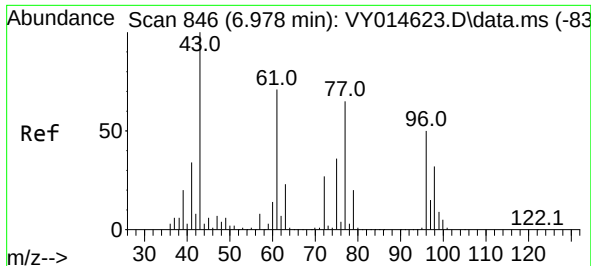
Tgt Ion: 77 Resp: 62164

Ion Ratio Lower Upper

77 100

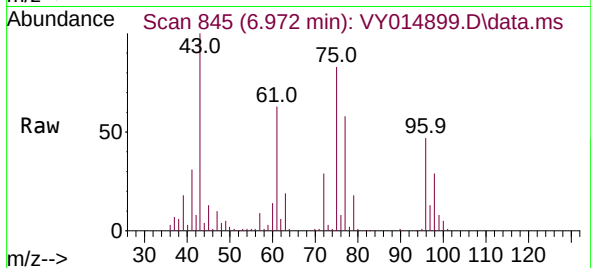
97 22.2 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 17.360 ug/l
 RT: 6.972 min Scan# 846
 Delta R.T. -0.006 min
 Lab File: VY014899.D
 Acq: 28 Jul 2023 11:20

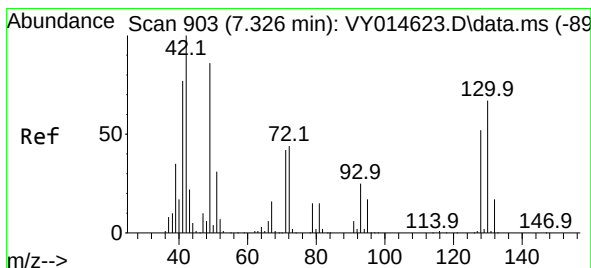
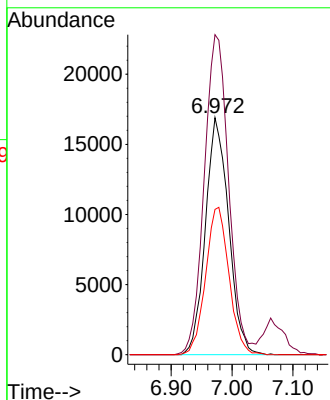
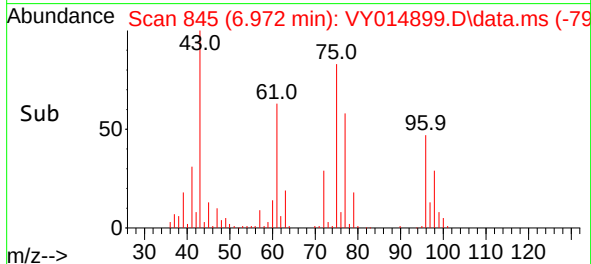
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0728SBS01



Tgt Ion: 96 Resp: 4481
 Ion Ratio Lower Upper
 96 100
 61 142.3 0.0 301.4
 98 62.5 0.0 130.4

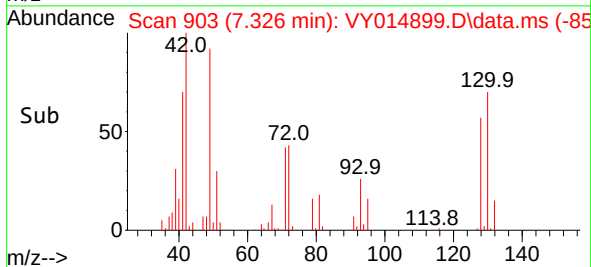
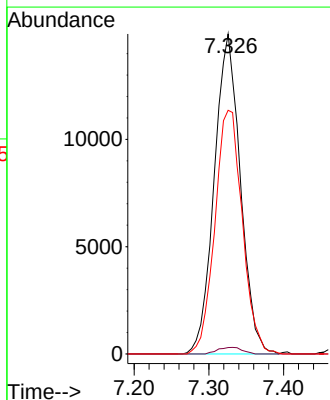
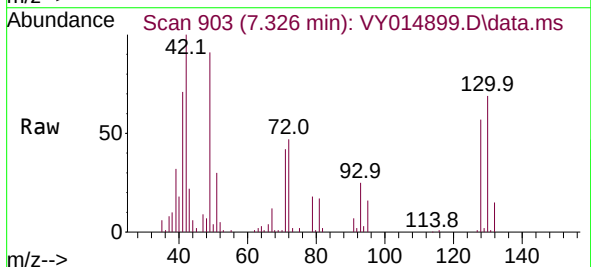
Manual Integrations
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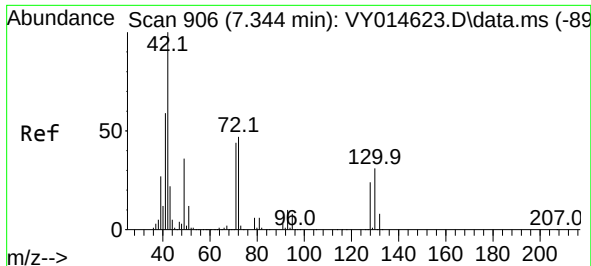
Reviewed By :John Carlone 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#28
 Bromochloromethane
 Concen: 20.847 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.000 min
 Lab File: VY014899.D
 Acq: 28 Jul 2023 11:20

Tgt Ion: 49 Resp: 36240
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.6
 130 80.0 60.7 91.1





#29

Tetrahydrofuran

Concen: 100.236 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS01

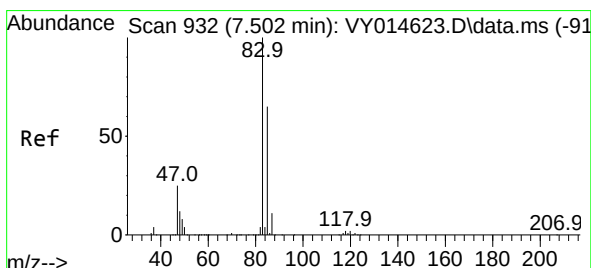
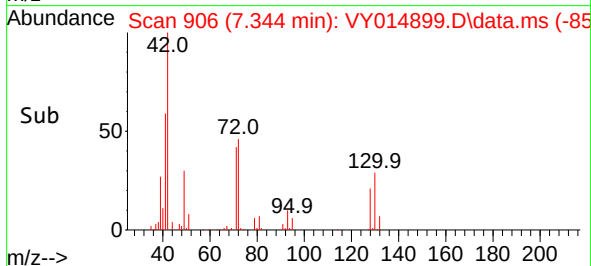
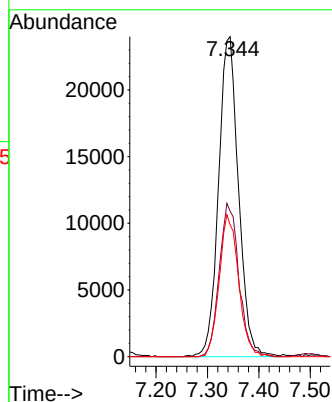
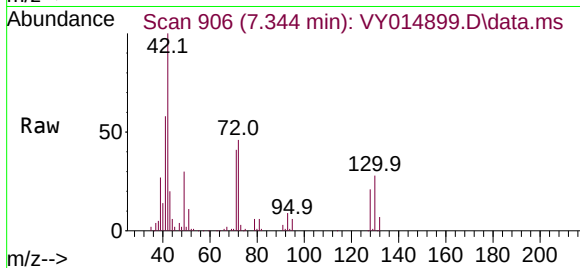
Tgt Ion:	42	Resp:	64700
Ion	Ratio	Lower	Upper
42	100		
72	47.2	32.8	49.2
71	43.0	31.0	46.4

Manual Integrations

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Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#30

Chloroform

Concen: 17.254 ug/l

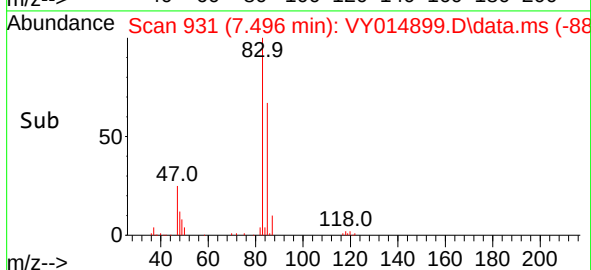
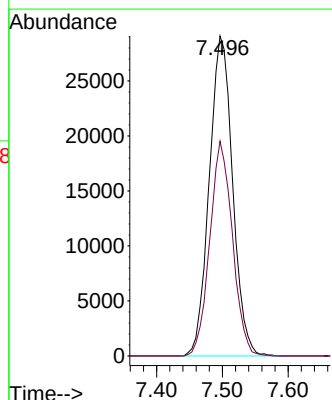
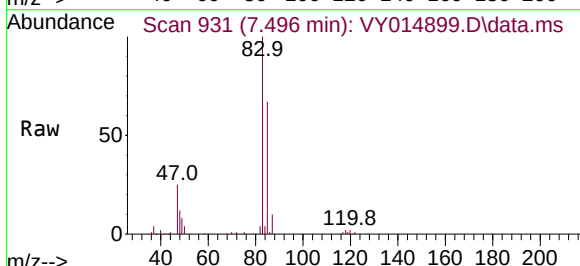
RT: 7.496 min Scan# 931

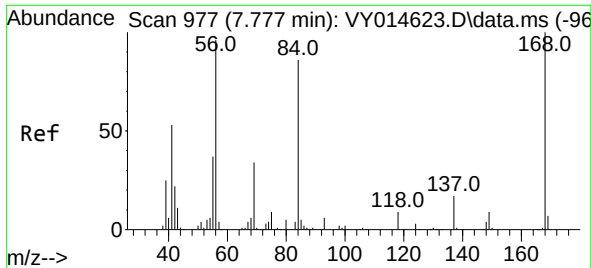
Delta R.T. -0.006 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

Tgt Ion:	83	Resp:	71817
Ion	Ratio	Lower	Upper
83	100		
85	67.1	49.7	74.5





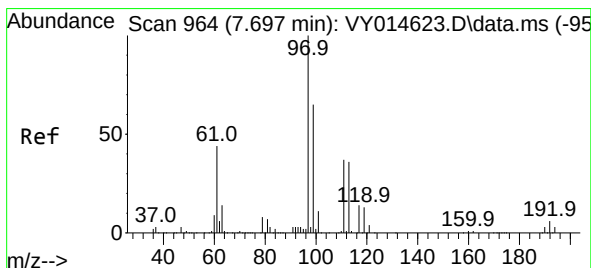
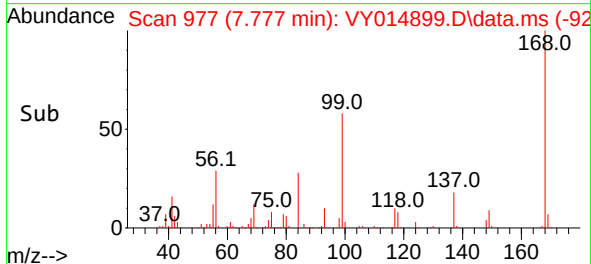
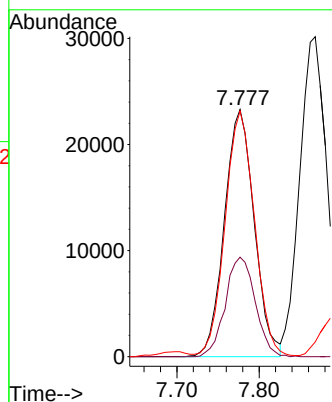
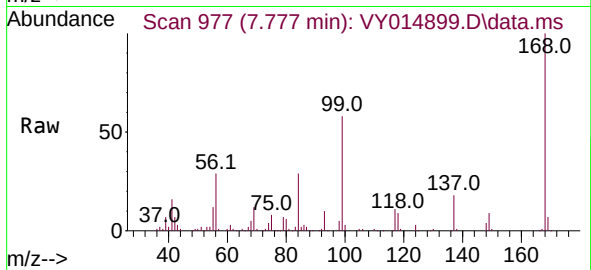
#31
Cyclohexane
Concen: 15.622 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion: 56 Resp: 5864
Ion Ratio Lower Upper
56 100
69 40.3 27.8 41.6
84 97.4 66.4 99.6

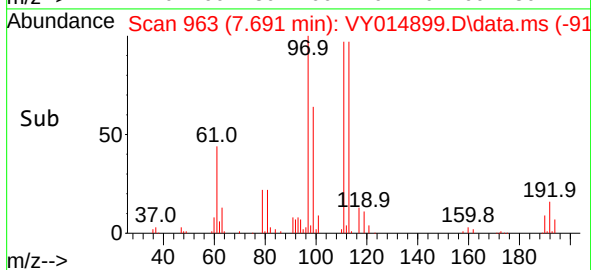
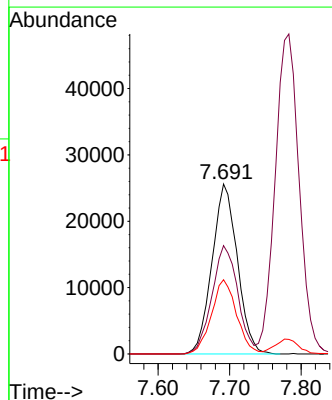
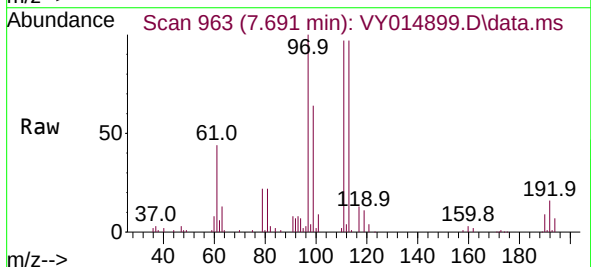
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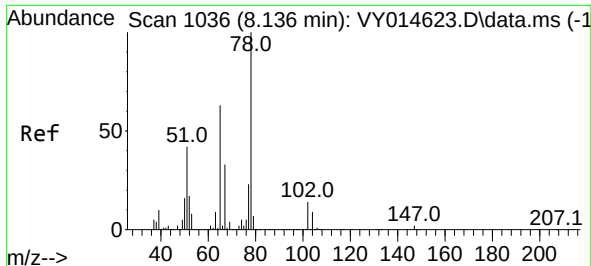
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#32
1,1,1-Trichloroethane
Concen: 16.802 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Tgt Ion: 97 Resp: 62944
Ion Ratio Lower Upper
97 100
99 65.1 50.8 76.2
61 43.6 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 53.402 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS01

Tgt Ion: 65 Resp: 120760

Ion Ratio Lower Upper

65 100

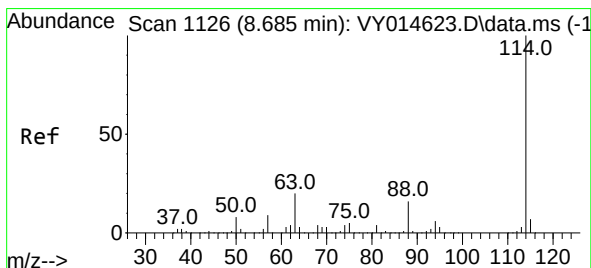
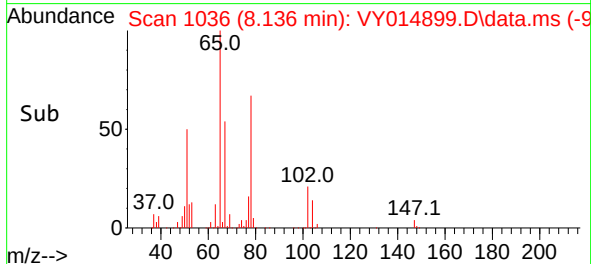
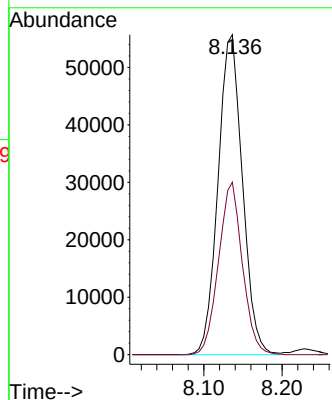
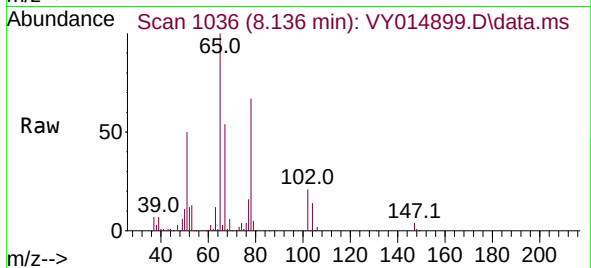
67 52.6 0.0 101.8

Manual Integrations

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Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

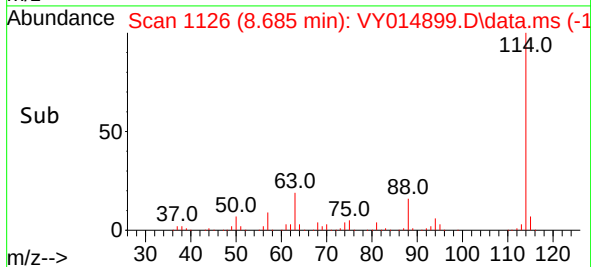
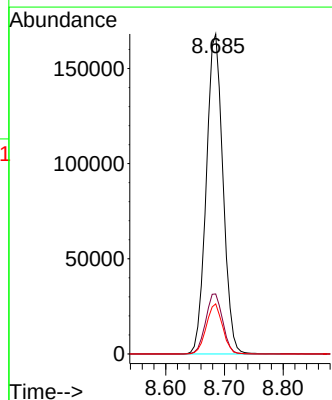
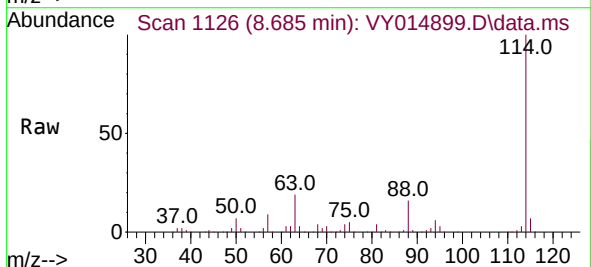
Tgt Ion:114 Resp: 331489

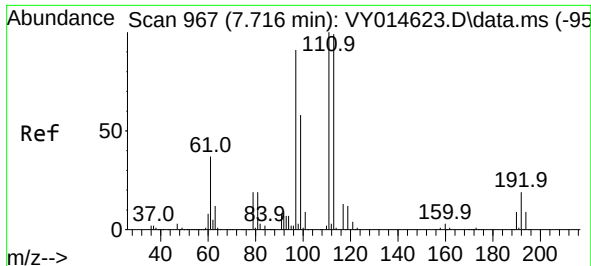
Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

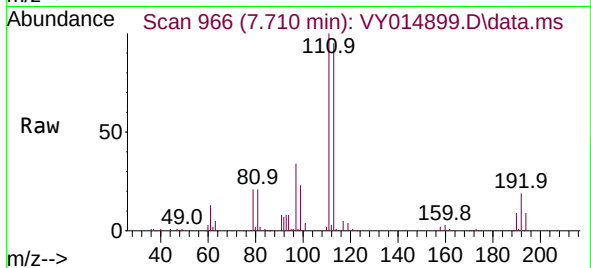
88 15.7 0.0 30.6





#35
Dibromofluoromethane
Concen: 51.573 ug/l
RT: 7.710 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

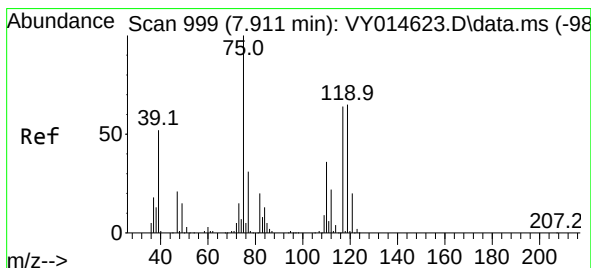
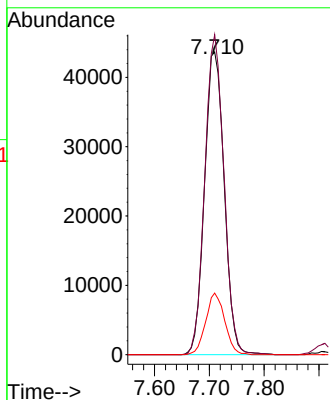
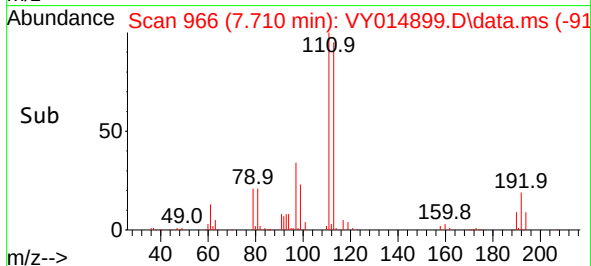
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01



Tgt Ion: 113 Resp: 108829
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 19.6 16.9 25.3

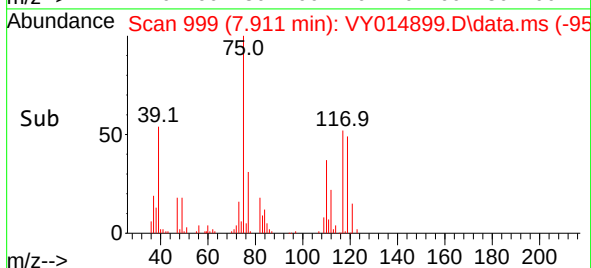
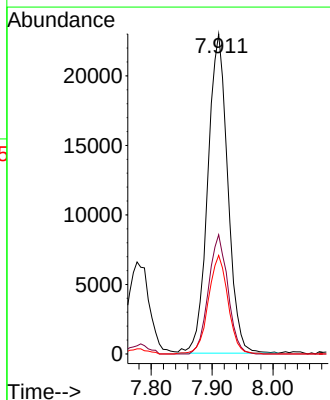
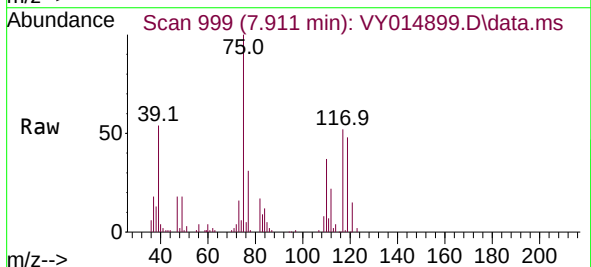
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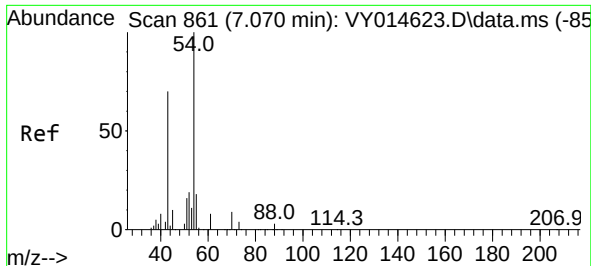
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#36
1,1-Dichloropropene
Concen: 16.575 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Tgt Ion: 75 Resp: 52305
Ion Ratio Lower Upper
75 100
110 36.2 17.8 53.5
77 30.4 24.4 36.6





#37

Ethyl Acetate

Concen: 18.714 ug/l

RT: 7.070 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY014899.D

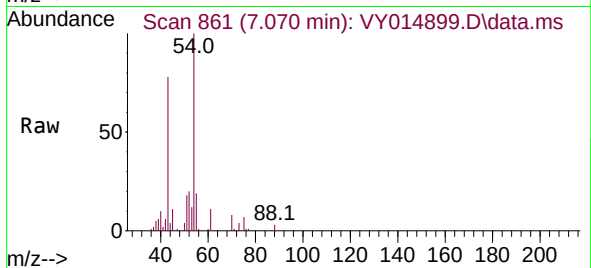
Acq: 28 Jul 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS01



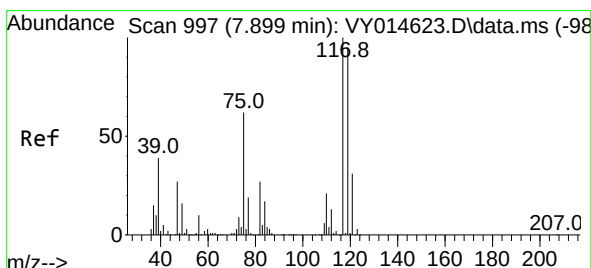
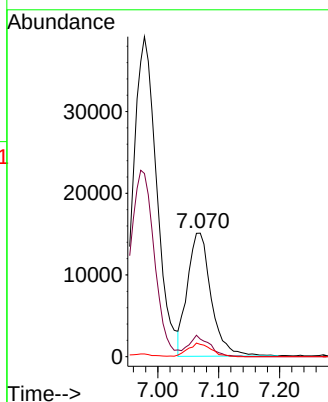
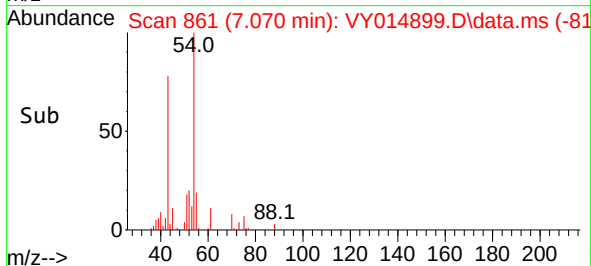
Tgt Ion:	43	Resp:	40659
Ion	Ratio	Lower	Upper
43	100		
61	14.9	10.1	15.1
70	10.7	7.1	10.7

Manual Integrations

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Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#38

Carbon Tetrachloride

Concen: 16.577 ug/l

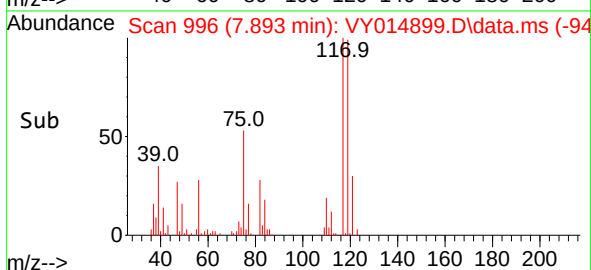
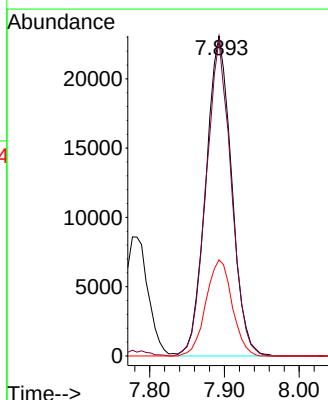
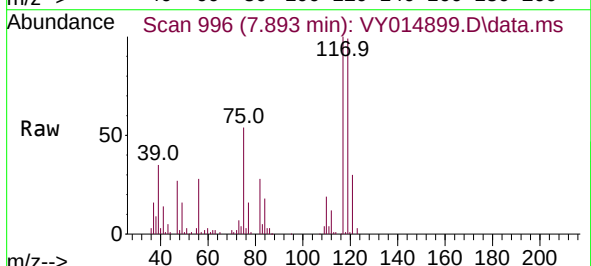
RT: 7.893 min Scan# 996

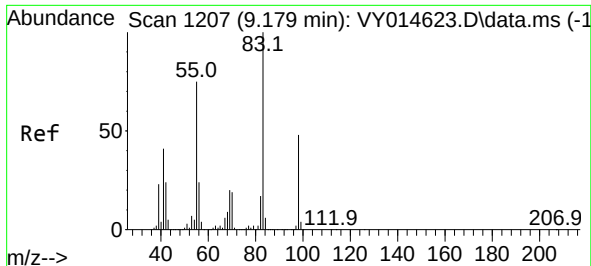
Delta R.T. -0.006 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

Tgt Ion:	117	Resp:	55298
Ion	Ratio	Lower	Upper
117	100		
119	98.6	76.4	114.6
121	30.1	25.8	38.6





#39

Methylcyclohexane

Concen: 15.456 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS01

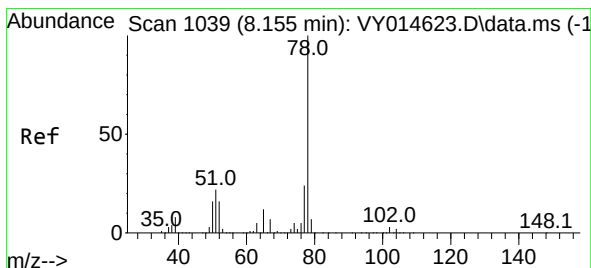
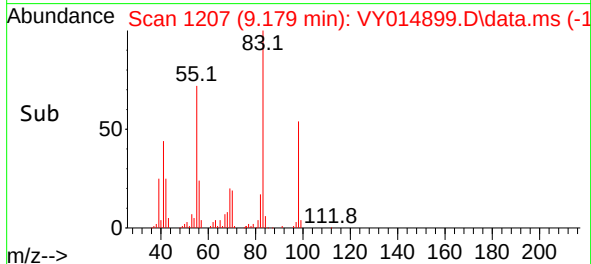
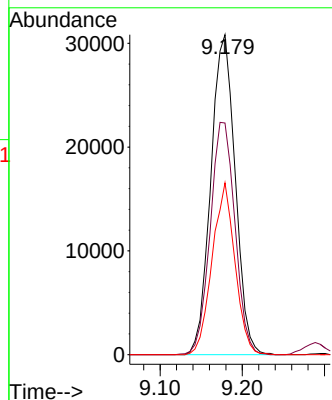
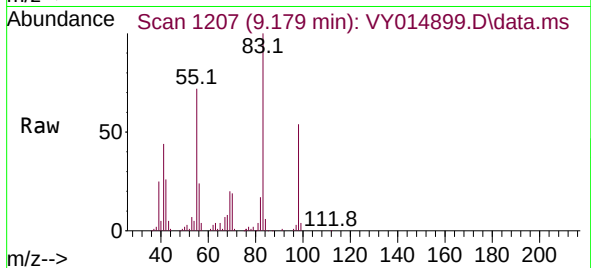
Tgt Ion: 83	Resp: 6354
Ion Ratio	Lower Upper
83 100	
55 72.4	63.0 94.4
98 53.7	37.4 56.2

Manual Integrations

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Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#40

Benzene

Concen: 17.022 ug/l

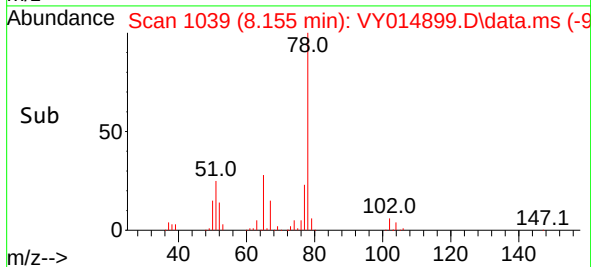
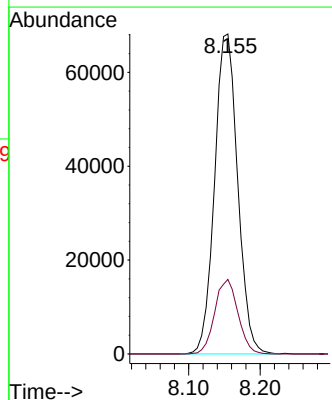
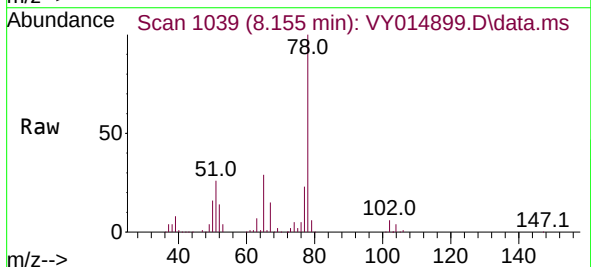
RT: 8.155 min Scan# 1039

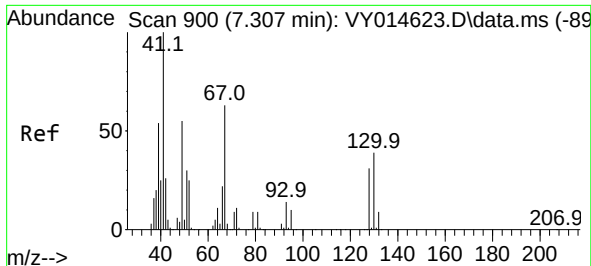
Delta R.T. -0.000 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

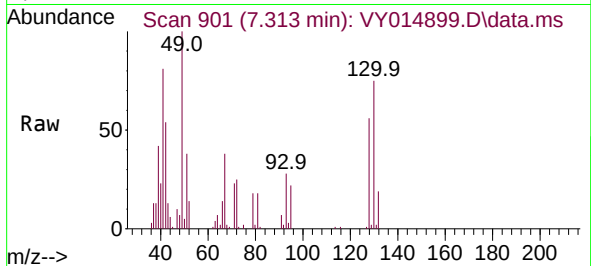
Tgt Ion: 78	Resp: 152770
Ion Ratio	Lower Upper
78 100	
77 23.3	19.0 28.6





#41
Methacrylonitrile
Concen: 18.926 ug/l m
RT: 7.313 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

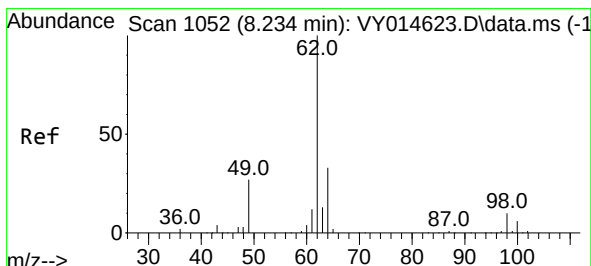
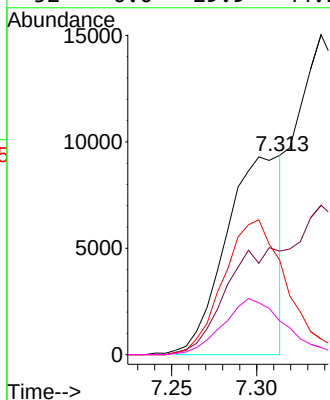
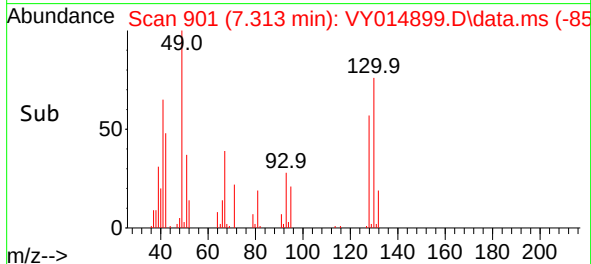
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01



Tgt Ion: 41 Resp: 2115
Ion Ratio Lower Upper
41 100
39 137.0 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

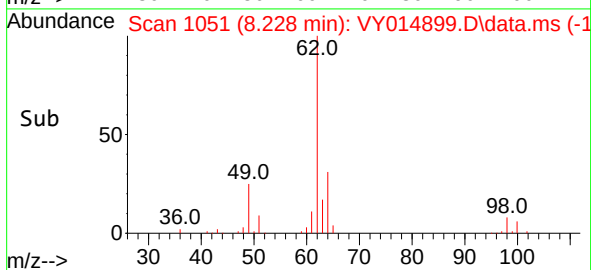
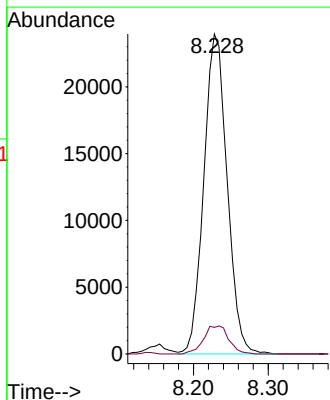
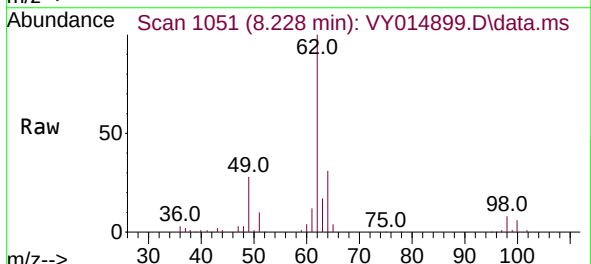
Manual Integrations
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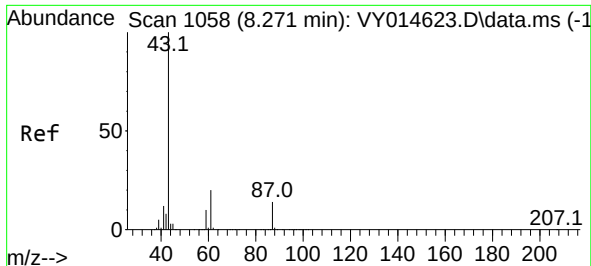
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#42
1,2-Dichloroethane
Concen: 18.270 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Tgt Ion: 62 Resp: 51926
Ion Ratio Lower Upper
62 100
98 9.4 0.0 15.8





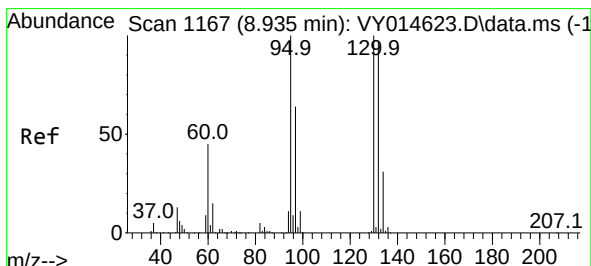
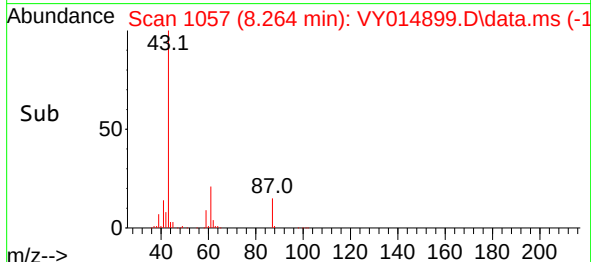
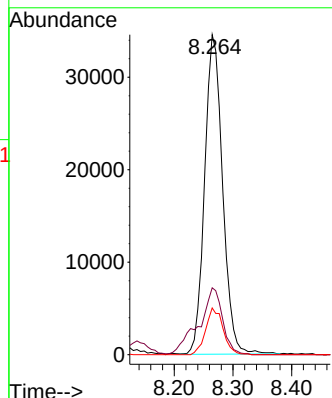
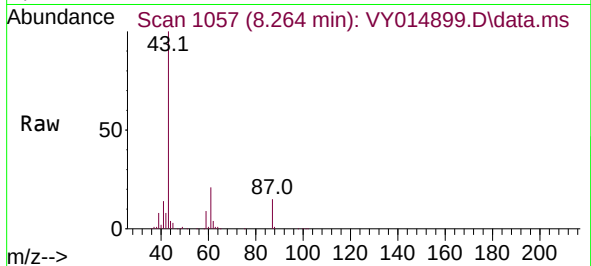
#43
Isopropyl Acetate
Concen: 17.763 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. -0.007 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion: 43 Resp: 7351
Ion Ratio Lower Upper
43 100
61 27.8 21.1 31.7
87 14.2 9.8 14.8

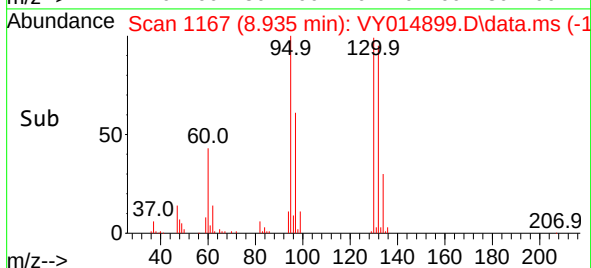
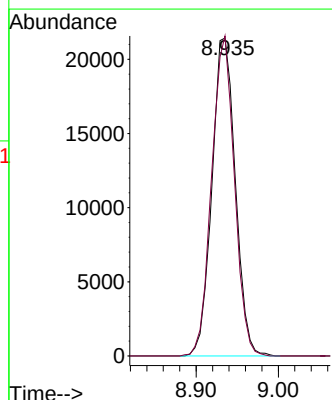
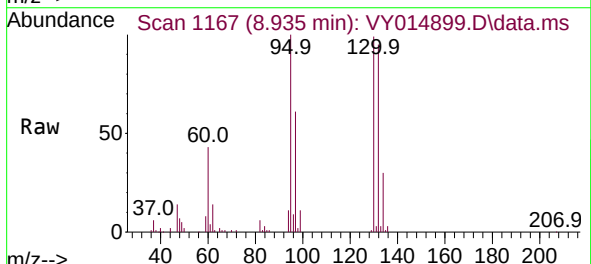
Manual Integrations
APPROVED

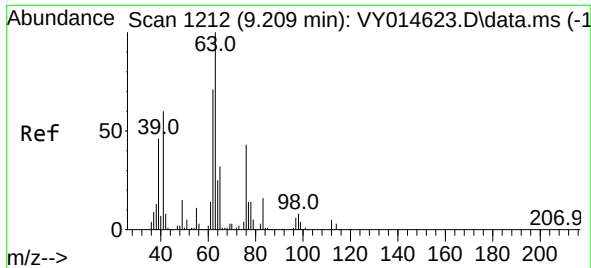
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#44
Trichloroethene
Concen: 16.867 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Tgt Ion:130 Resp: 42355
Ion Ratio Lower Upper
130 100
95 100.6 0.0 196.0





#45

1,2-Dichloropropane

Concen: 16.965 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS01

Tgt Ion: 63 Resp: 3975

Ion Ratio Lower Upper

63 100

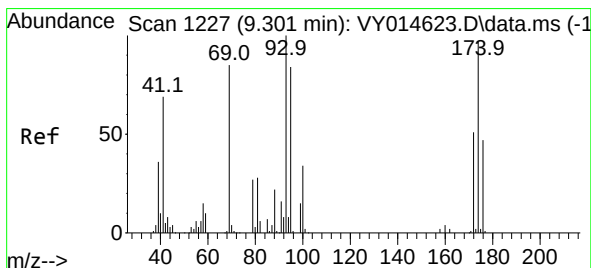
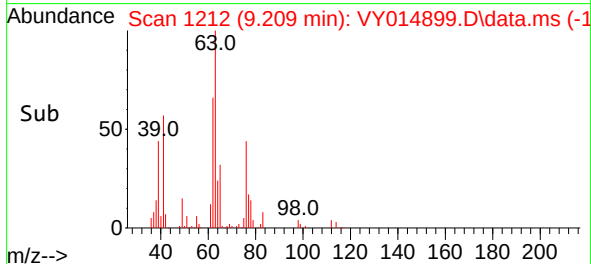
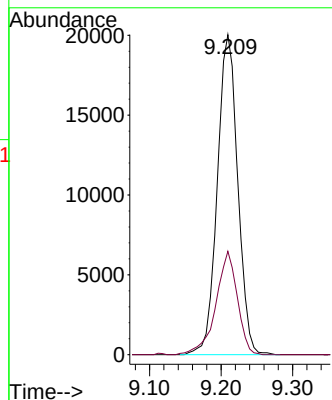
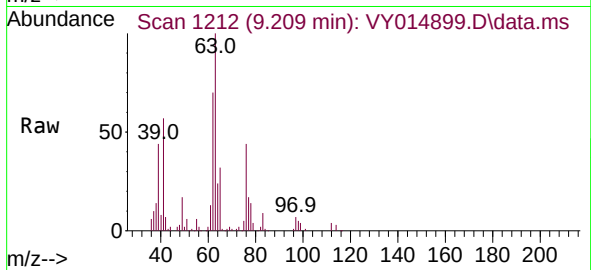
65 32.3 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#46

Dibromomethane

Concen: 18.006 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

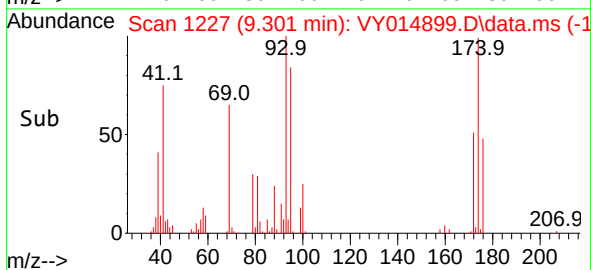
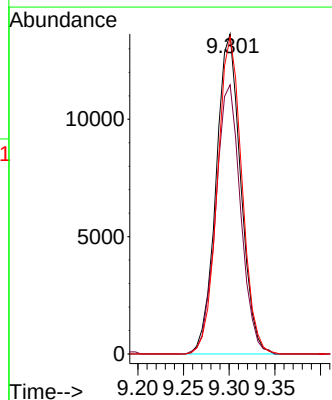
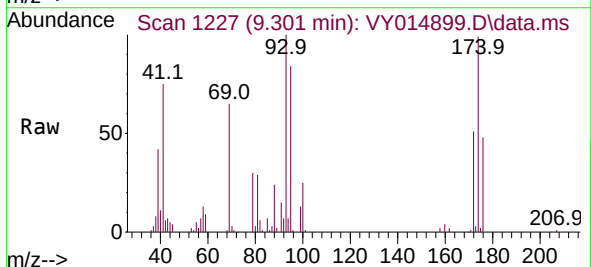
Tgt Ion: 93 Resp: 25600

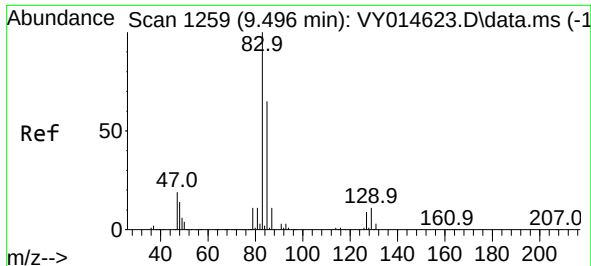
Ion Ratio Lower Upper

93 100

95 84.9 66.6 100.0

174 98.5 84.8 127.2





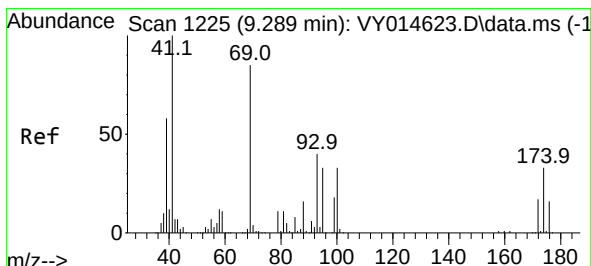
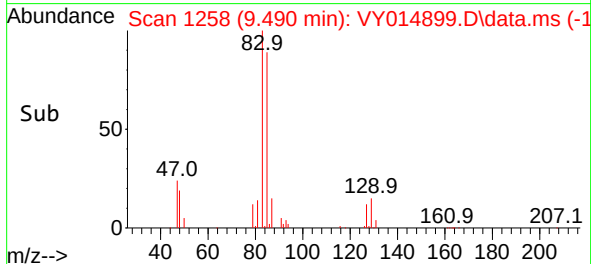
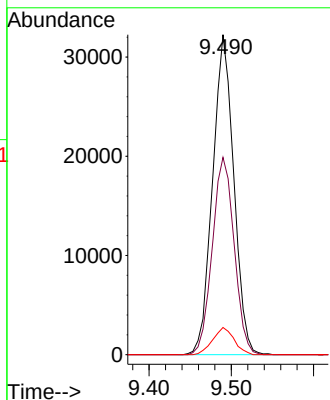
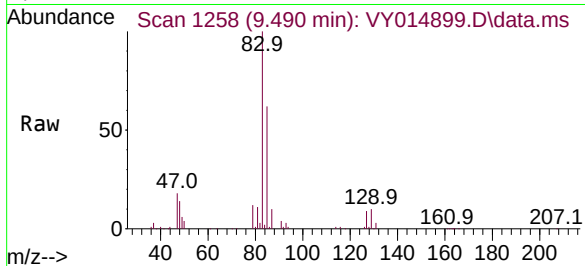
#47
Bromodichloromethane
Concen: 17.221 ug/l
RT: 9.490 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion: 83 Resp: 57700
Ion Ratio Lower Upper
83 100
85 61.6 50.1 75.1
127 8.5 7.1 10.7

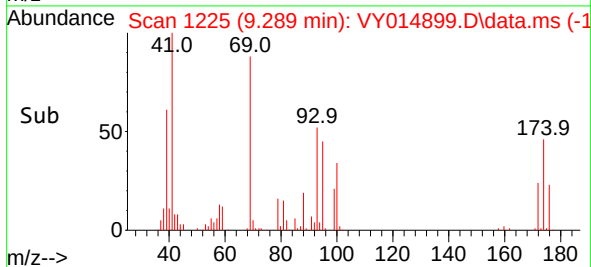
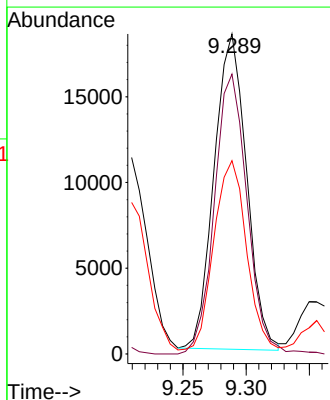
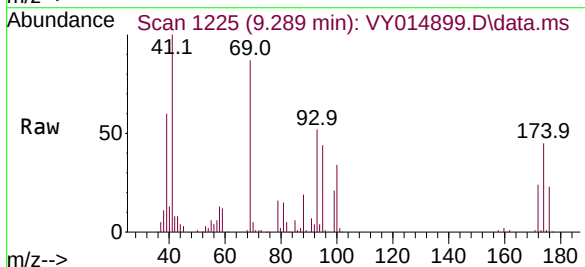
Manual Integrations
APPROVED

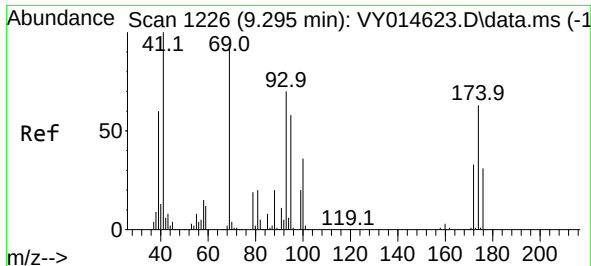
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#48
Methyl methacrylate
Concen: 17.577 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Tgt Ion: 41 Resp: 32735
Ion Ratio Lower Upper
41 100
69 89.7 64.5 96.7
39 63.3 50.8 76.2





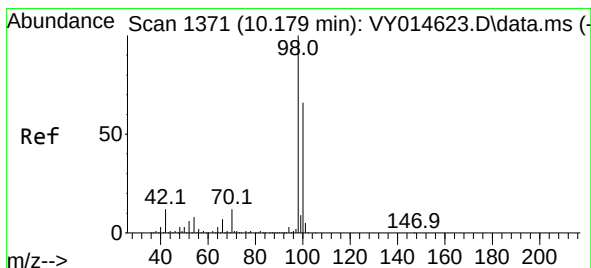
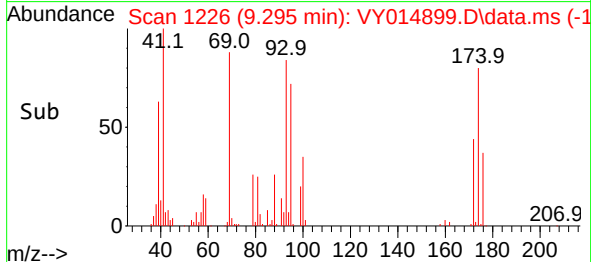
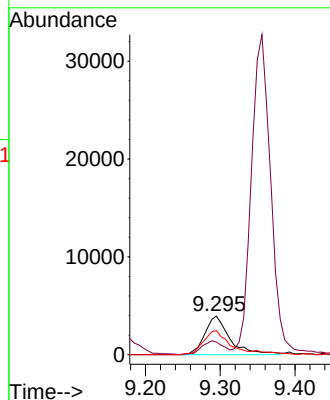
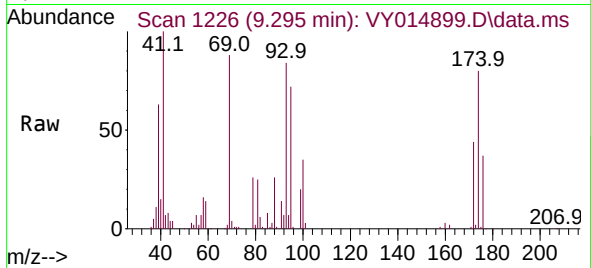
#49
1,4-Dioxane
Concen: 396.073 ug/l
RT: 9.295 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion: 88 Resp: 918
Ion Ratio Lower Upper
88 100
43 31.1 0.0 0.0
58 70.8 30.9 46.3

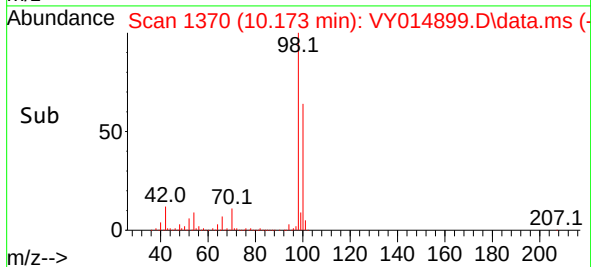
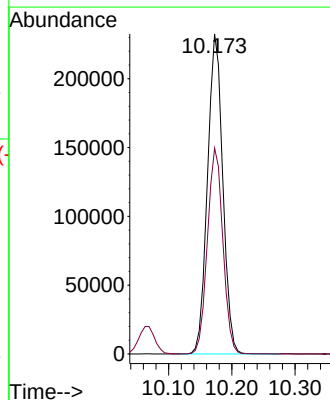
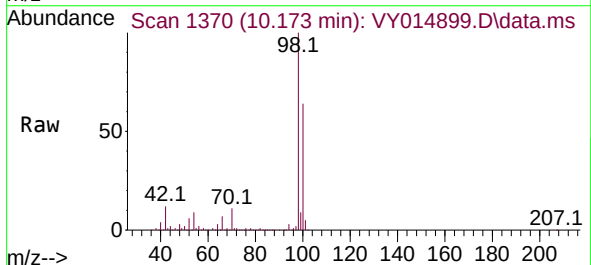
Manual Integrations
APPROVED

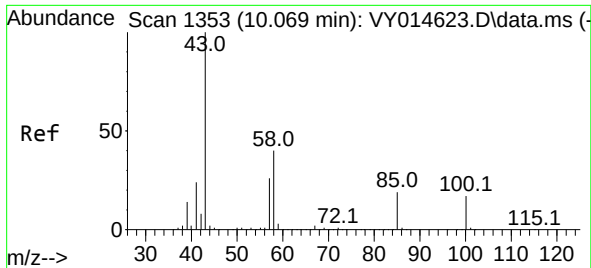
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#50
Toluene-d8
Concen: 50.218 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

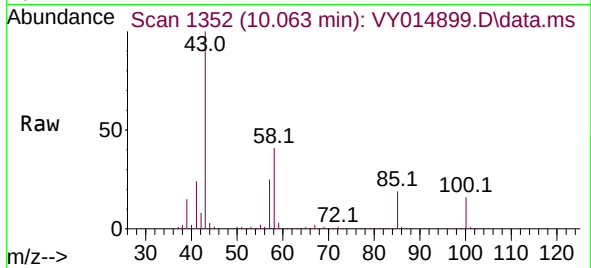
Tgt Ion: 98 Resp: 390684
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1





#51
4-Methyl-2-Pentanone
Concen: 97.535 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

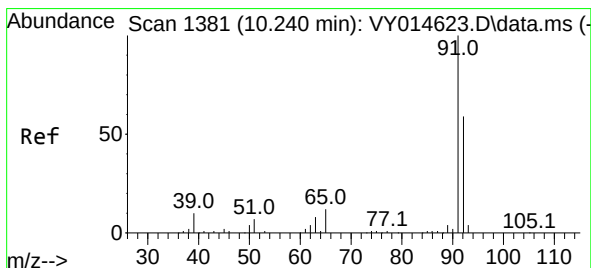
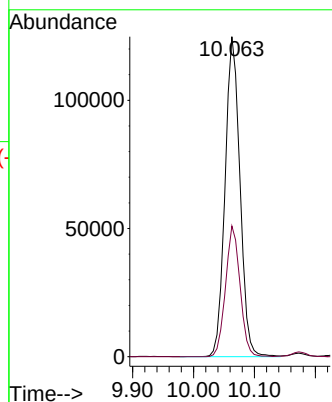
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01



Tgt Ion: 43 Resp: 211949
Ion Ratio Lower Upper
43 100
58 39.8 29.0 43.6

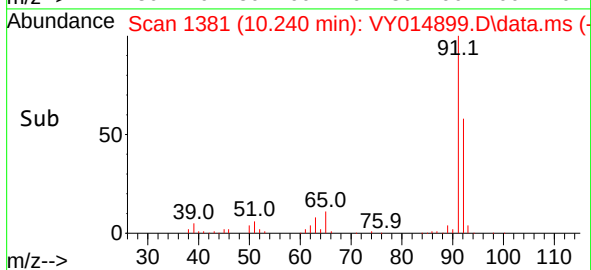
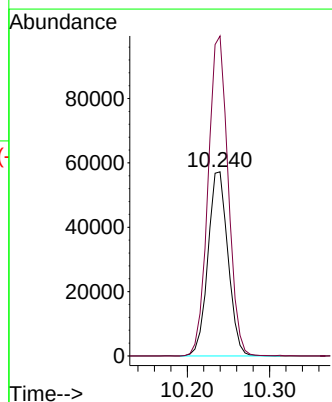
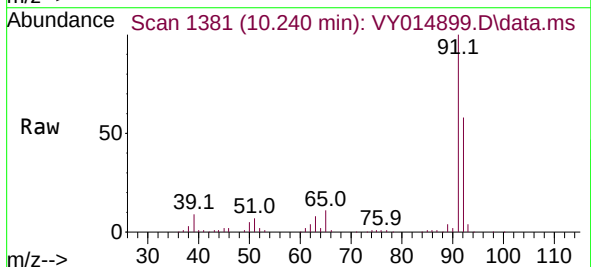
Manual Integrations
APPROVED

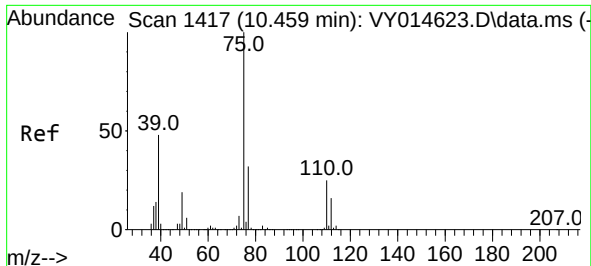
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#52
Toluene
Concen: 16.868 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Tgt Ion: 92 Resp: 96875
Ion Ratio Lower Upper
92 100
91 173.7 143.8 215.6





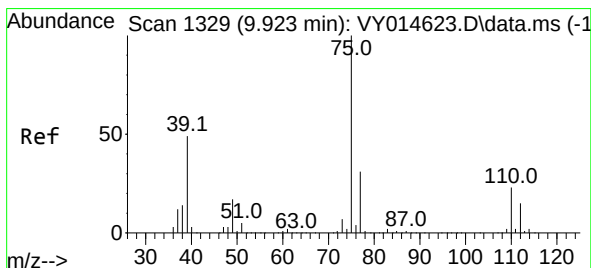
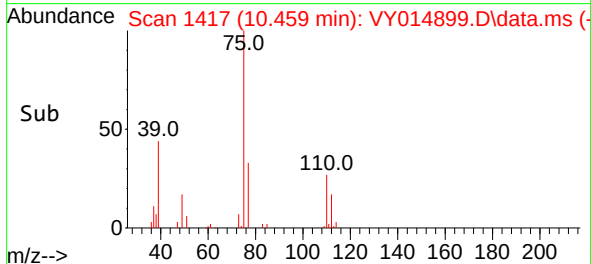
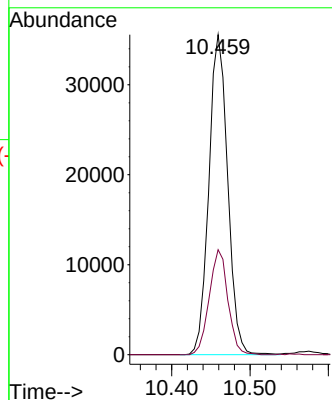
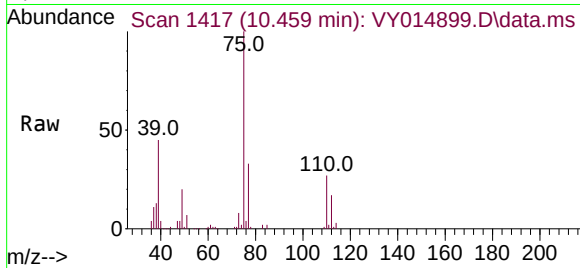
#53
t-1,3-Dichloropropene
Concen: 16.186 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion: 75 Resp: 5932
Ion Ratio Lower Upper
75 100
77 32.8 25.0 37.4

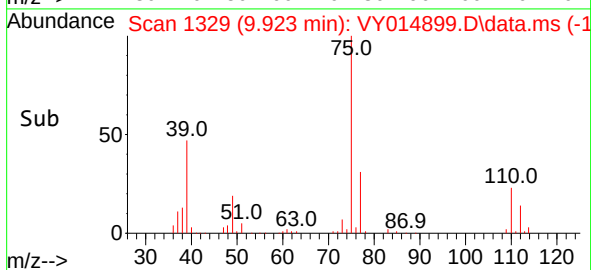
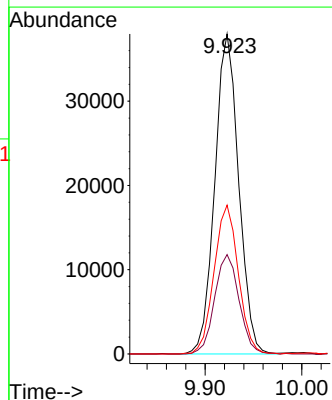
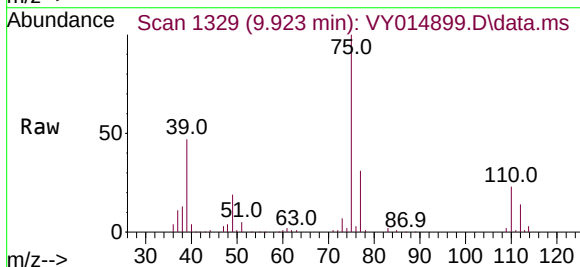
Manual Integrations
APPROVED

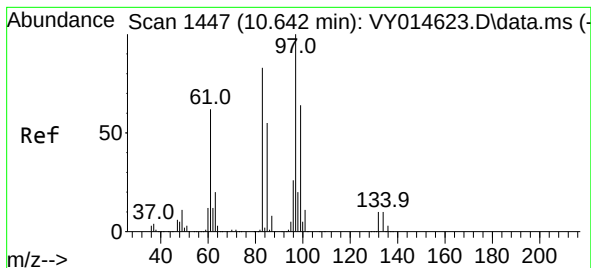
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#54
cis-1,3-Dichloropropene
Concen: 16.328 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Tgt Ion: 75 Resp: 65080
Ion Ratio Lower Upper
75 100
77 31.1 24.2 36.4
39 46.5 42.2 63.4





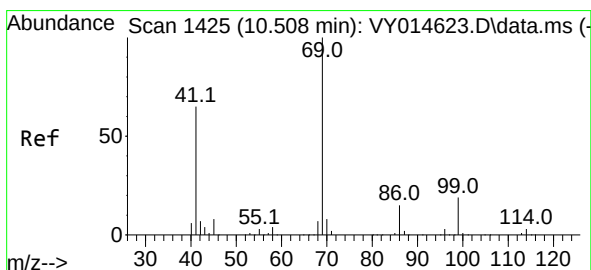
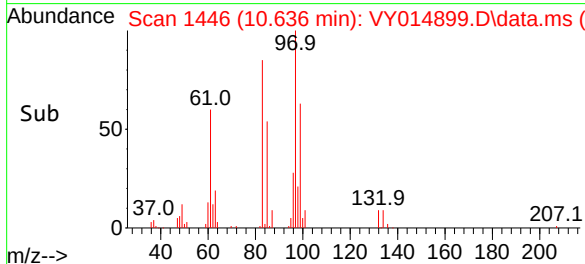
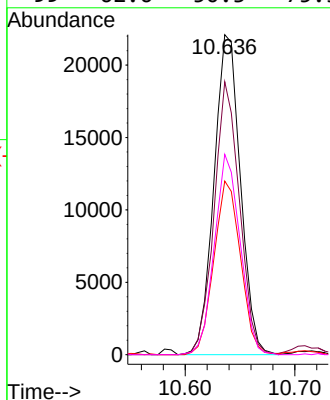
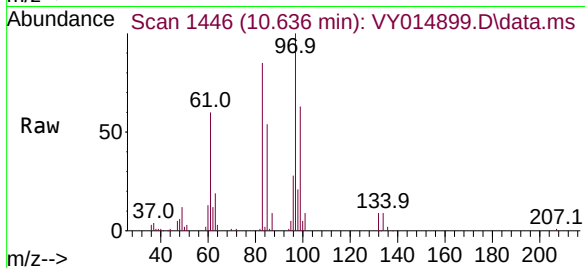
#55
1,1,2-Trichloroethane
Concen: 18.713 ug/l
RT: 10.636 min Scan# 1446
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion: 97	Resp: 37060
Ion Ratio	Lower Upper
97 100	
83 85.3	72.0 108.0
85 54.3	45.4 68.0
99 62.6	50.3 75.5

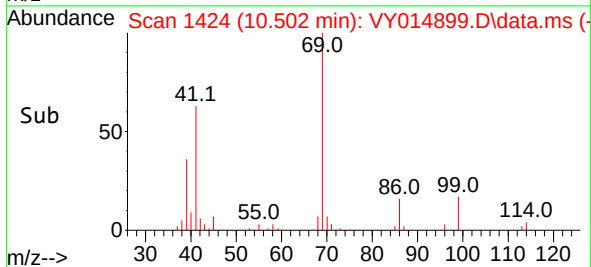
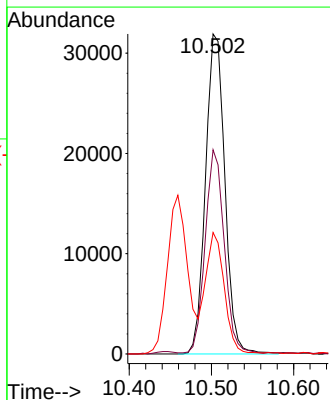
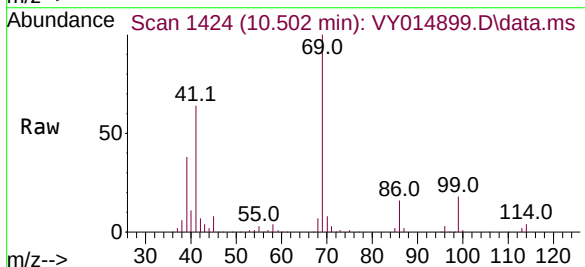
Manual Integrations
APPROVED

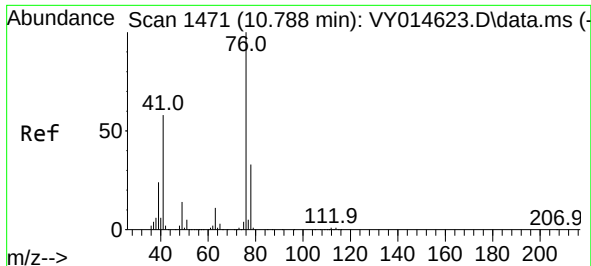
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#56
Ethyl methacrylate
Concen: 17.274 ug/l
RT: 10.502 min Scan# 1424
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

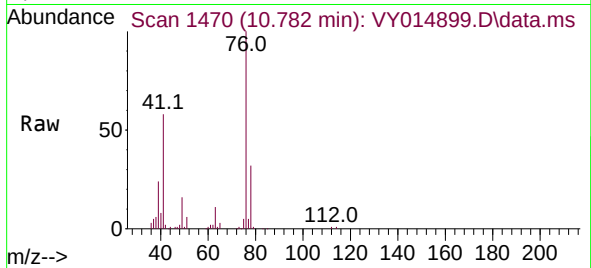
Tgt Ion: 69	Resp: 52232
Ion Ratio	Lower Upper
69 100	
41 62.5	57.6 86.4
39 36.0	34.1 51.1





#57
1,3-Dichloropropane
Concen: 17.880 ug/l
RT: 10.782 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

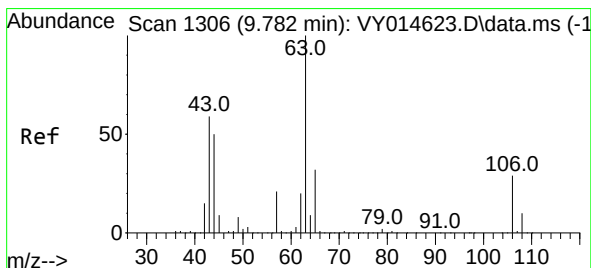
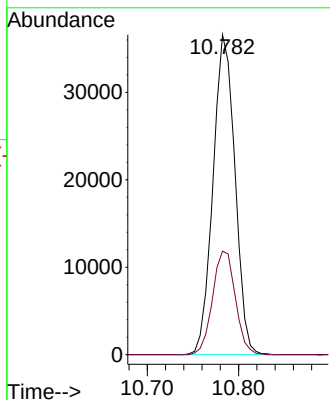
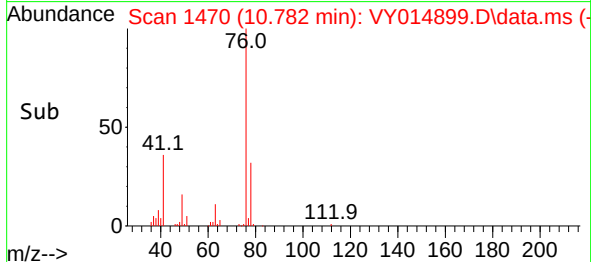
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01



Tgt Ion: 76 Resp: 61070
Ion Ratio Lower Upper
76 100
78 33.6 25.3 37.9

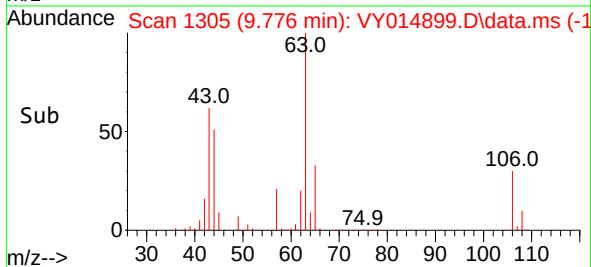
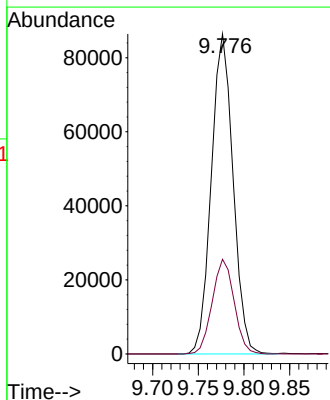
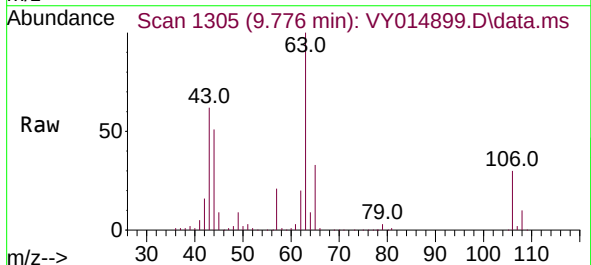
Manual Integrations
APPROVED

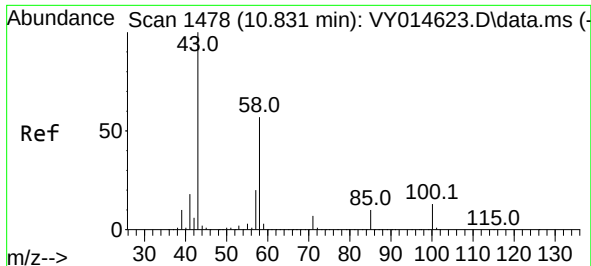
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#58
2-Chloroethyl Vinyl ether
Concen: 101.506 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

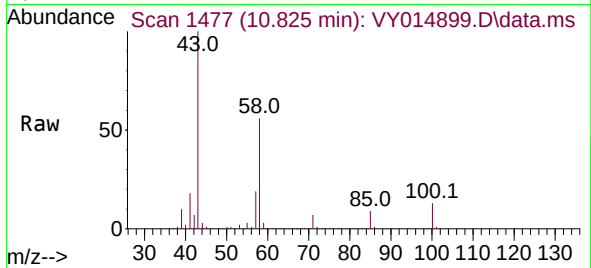
Tgt Ion: 63 Resp: 143012
Ion Ratio Lower Upper
63 100
106 29.8 21.2 31.8





#59
2-Hexanone
Concen: 97.980 ug/l
RT: 10.825 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

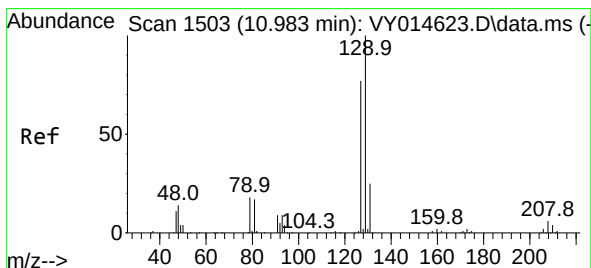
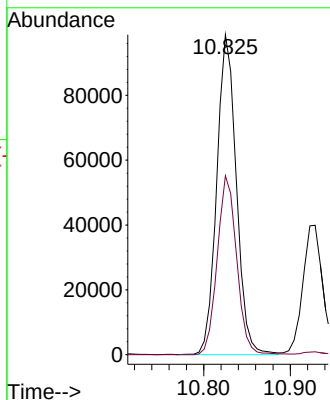
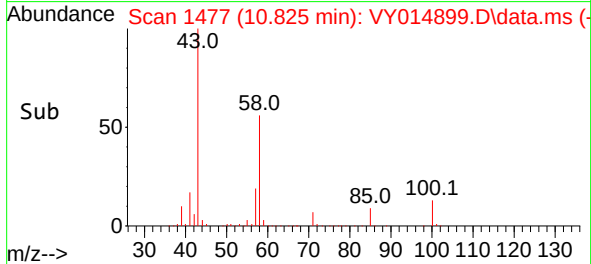
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01



Tgt Ion: 43 Resp: 155270
Ion Ratio Lower Upper
43 100
58 55.4 25.1 75.3

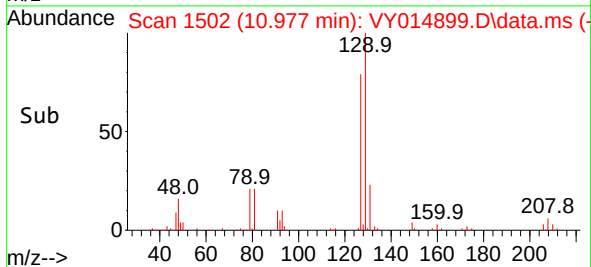
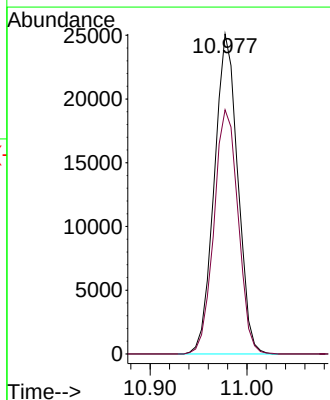
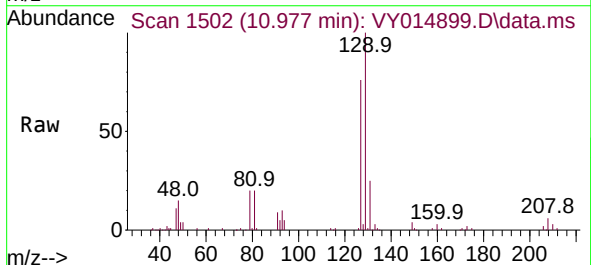
Manual Integrations
APPROVED

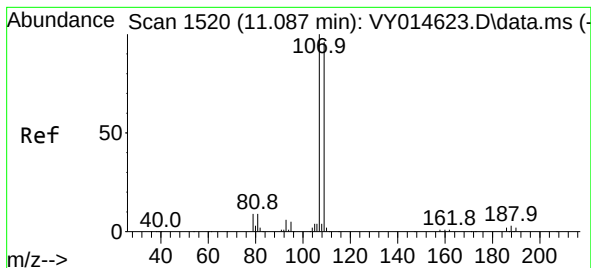
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#60
Dibromochloromethane
Concen: 17.406 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Tgt Ion:129 Resp: 42263
Ion Ratio Lower Upper
129 100
127 78.4 38.5 115.5





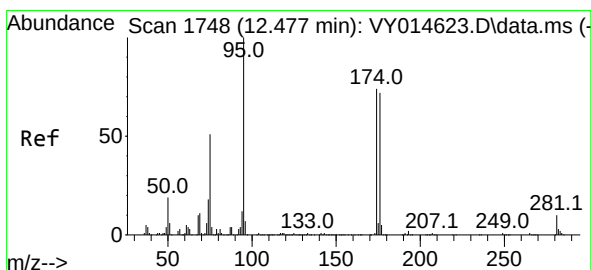
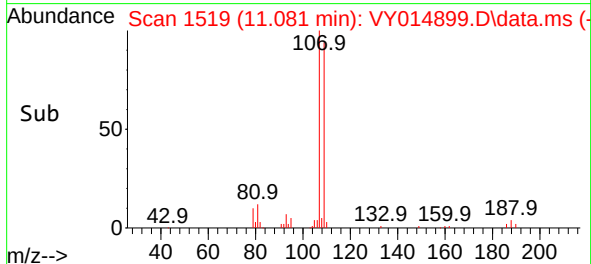
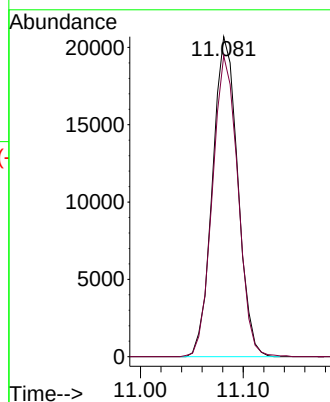
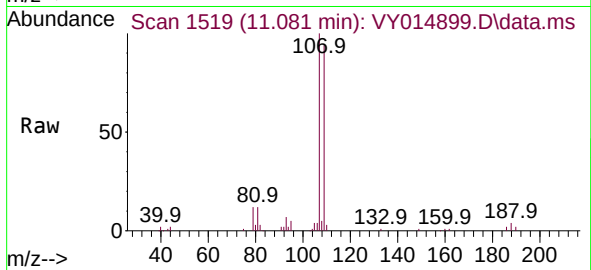
#61
1,2-Dibromoethane
Concen: 17.817 ug/l
RT: 11.081 min Scan# 1520
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion:107 Resp: 3520
Ion Ratio Lower Upper
107 100
109 95.0 75.6 113.4

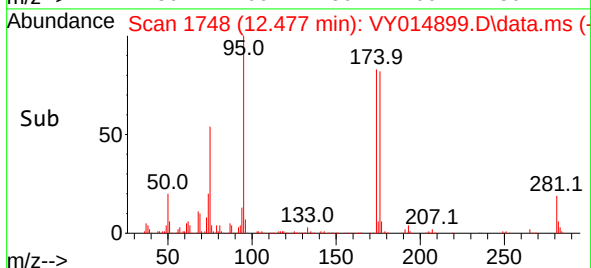
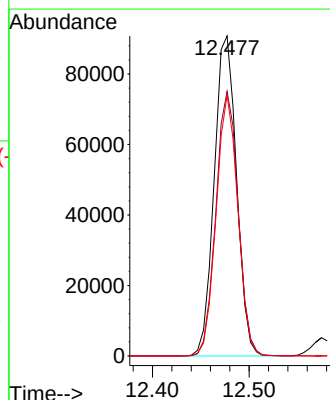
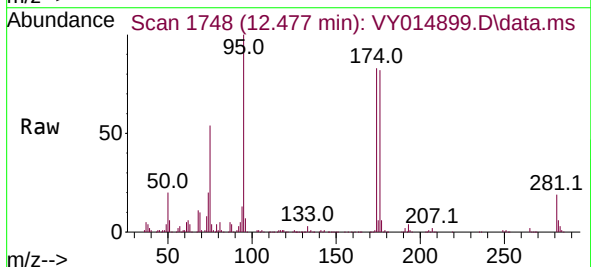
Manual Integrations
APPROVED

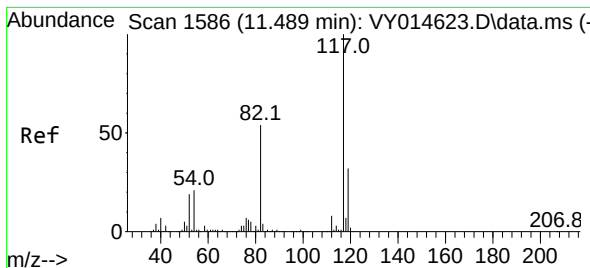
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#62
4-Bromofluorobenzene
Concen: 48.628 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Tgt Ion: 95 Resp: 145061
Ion Ratio Lower Upper
95 100
174 82.4 0.0 178.2
176 79.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 1585

Delta R.T. -0.006 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS01

Tgt Ion:117 Resp: 29991

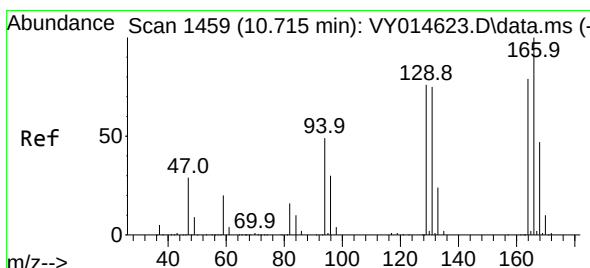
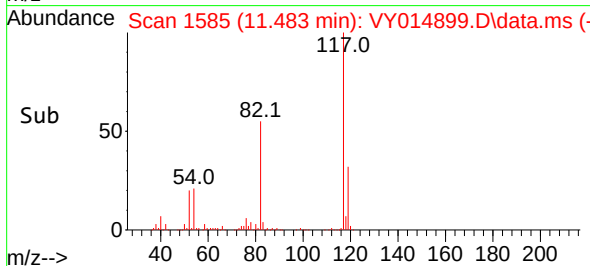
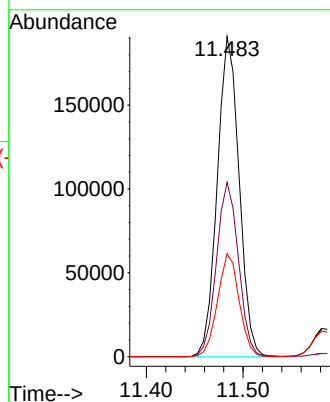
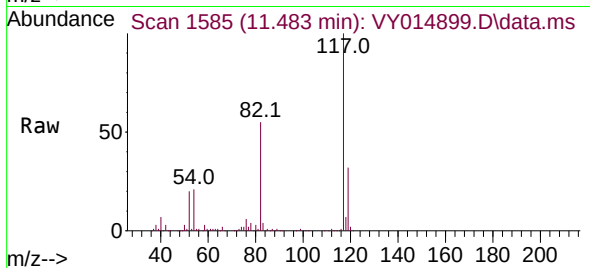
Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.4	65.0
119	32.2	26.3	39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#64

Tetrachloroethene

Concen: 17.492 ug/l

RT: 10.715 min Scan# 1459

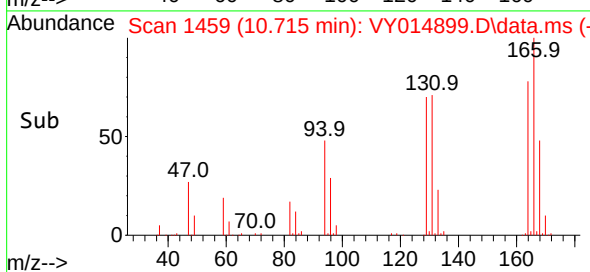
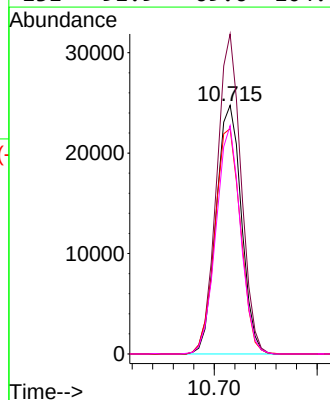
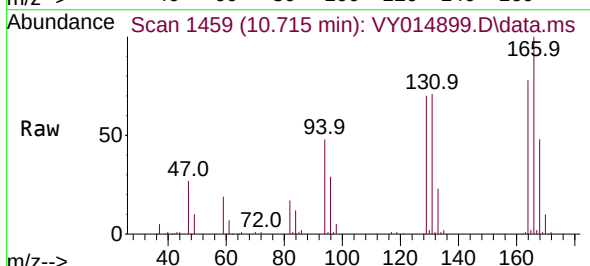
Delta R.T. 0.000 min

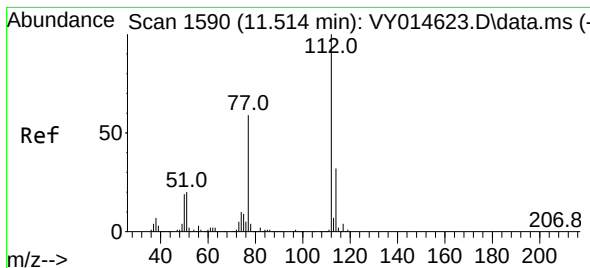
Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

Tgt Ion:164 Resp: 42193

Ion	Ratio	Lower	Upper
164	100		
166	128.7	103.0	154.6
129	90.6	77.2	115.8
131	91.9	69.6	104.4





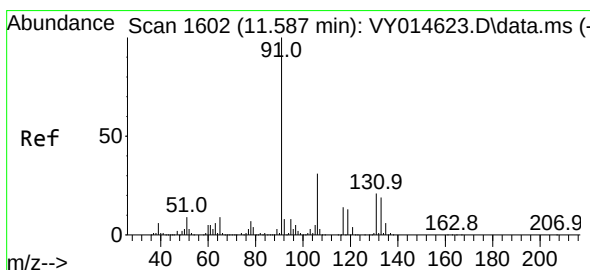
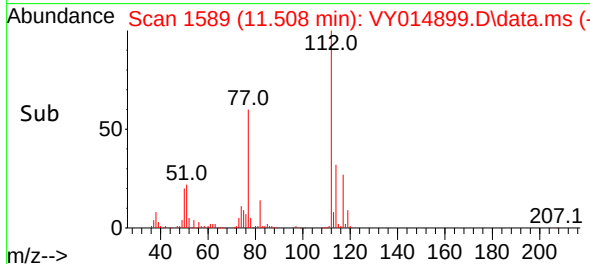
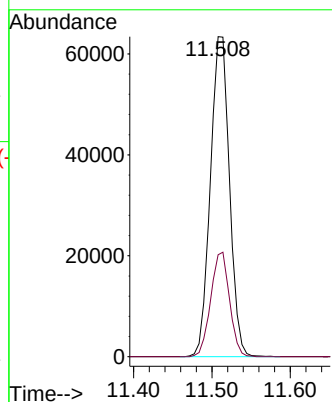
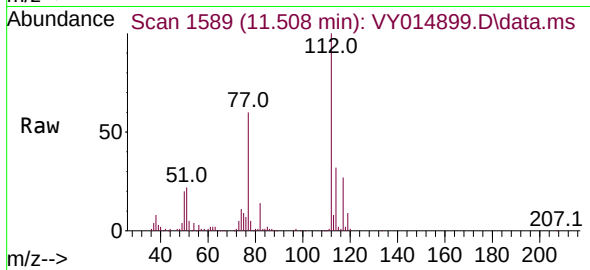
#65
Chlorobenzene
Concen: 16.781 ug/l
RT: 11.508 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion:112 Resp: 10724
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3

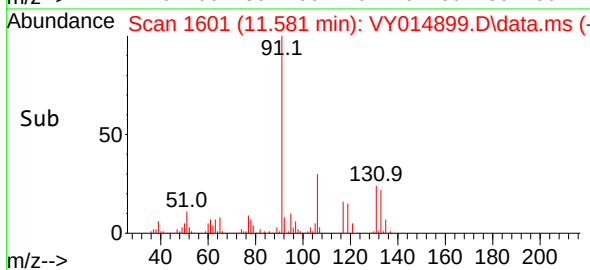
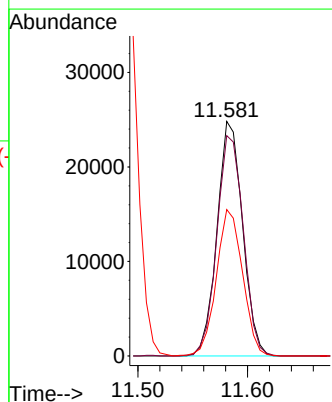
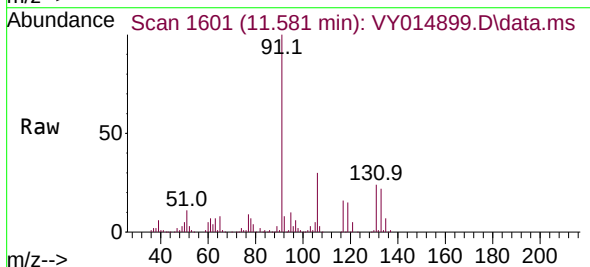
Manual Integrations
APPROVED

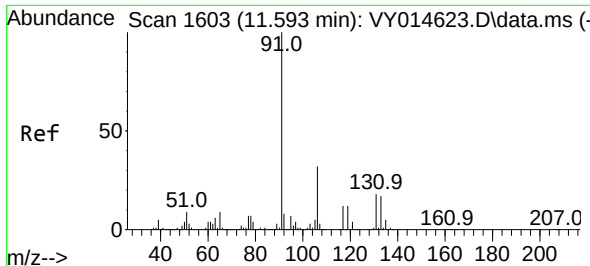
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 16.695 ug/l
RT: 11.581 min Scan# 1601
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Tgt Ion:131 Resp: 40229
Ion Ratio Lower Upper
131 100
133 97.0 47.5 142.6
119 64.2 31.6 94.7





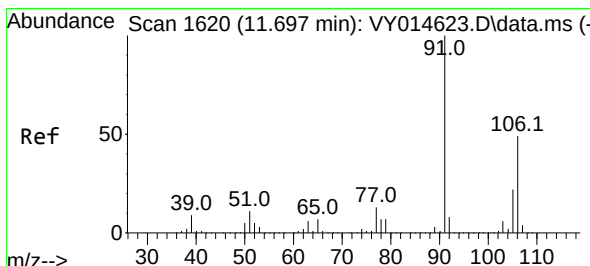
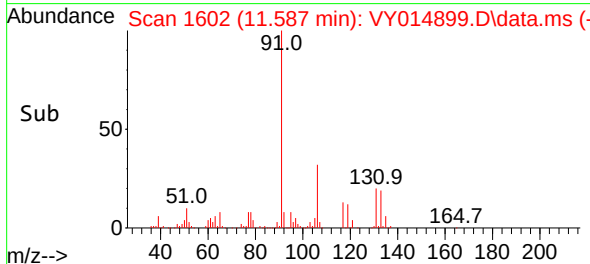
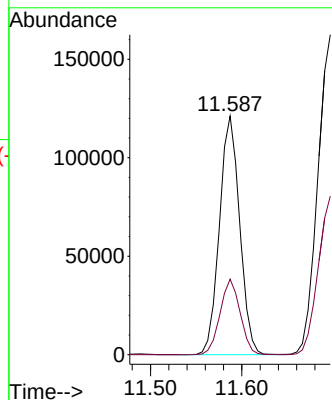
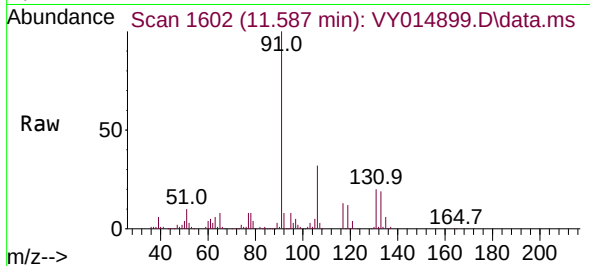
#67
Ethyl Benzene
Concen: 16.179 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion: 91 Resp: 18668
Ion Ratio Lower Upper
91 100
106 31.6 24.6 36.8

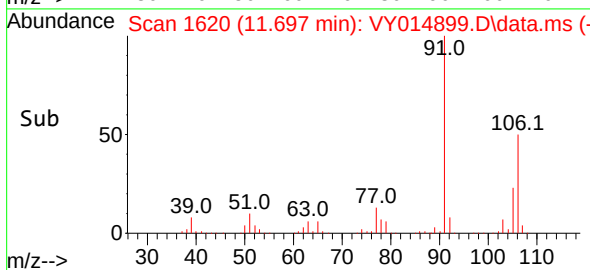
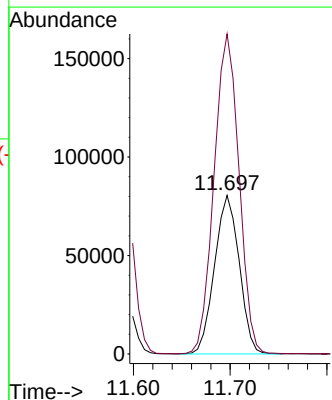
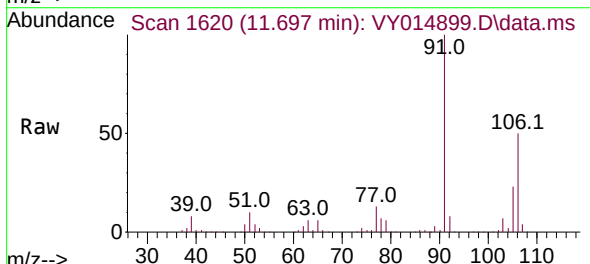
Manual Integrations
APPROVED

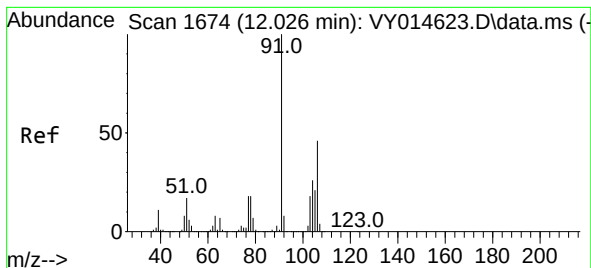
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#68
m/p-Xylenes
Concen: 32.340 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Tgt Ion:106 Resp: 142452
Ion Ratio Lower Upper
106 100
91 204.1 166.1 249.1





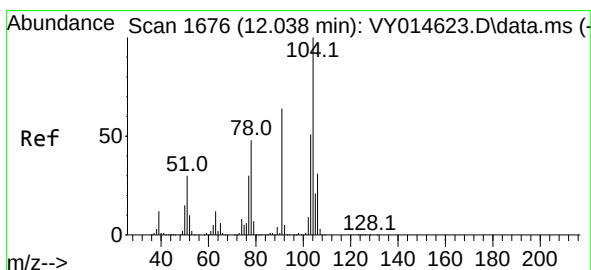
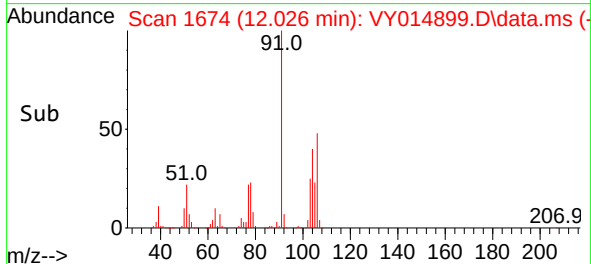
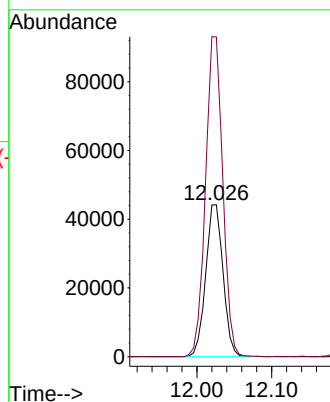
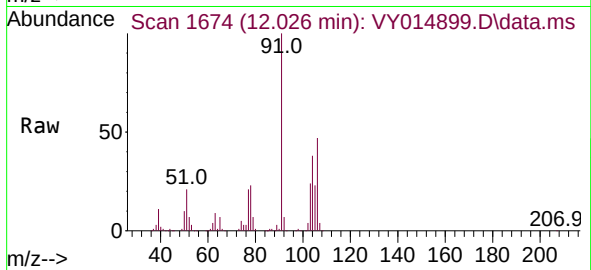
#69
o-Xylene
Concen: 16.577 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion:106 Resp: 7112
Ion Ratio Lower Upper
106 100
91 209.5 108.1 324.3

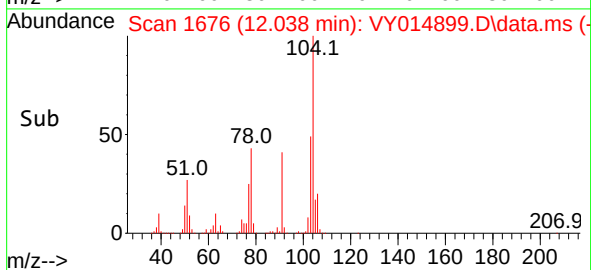
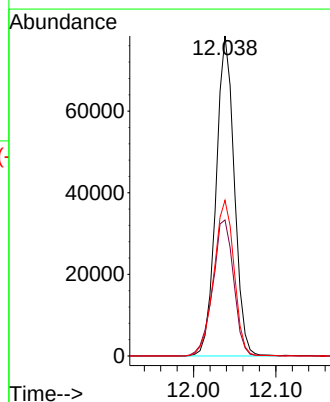
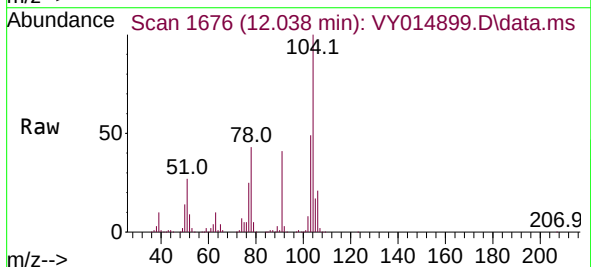
Manual Integrations
APPROVED

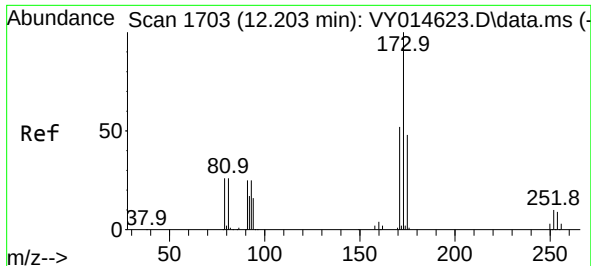
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#70
Styrene
Concen: 16.701 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

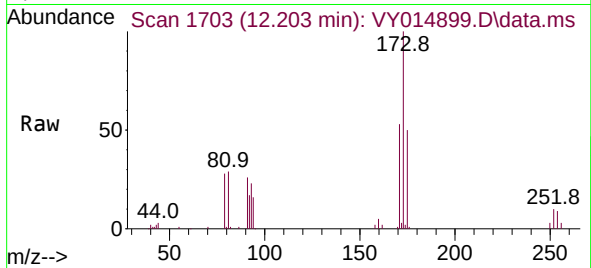
Tgt Ion:104 Resp: 120767
Ion Ratio Lower Upper
104 100
78 48.6 41.5 62.3
103 53.8 44.6 67.0





#71
Bromoform
Concen: 17.188 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

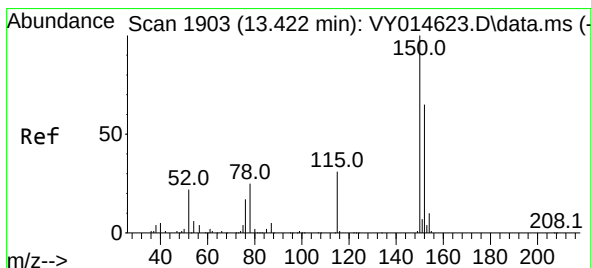
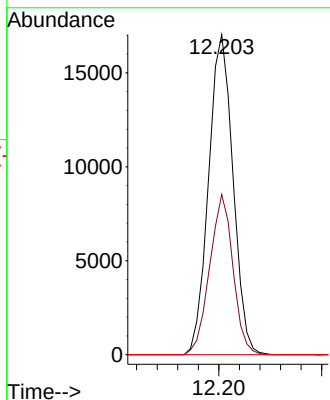
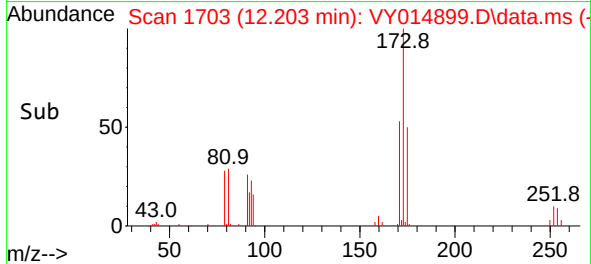
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01



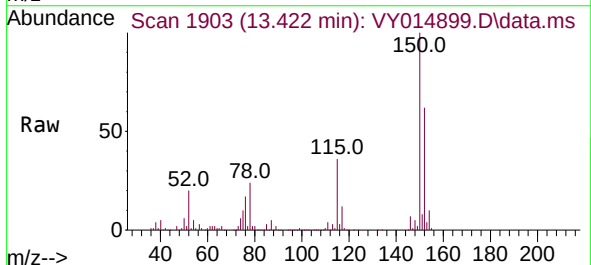
Tgt Ion:173 Resp: 28074
Ion Ratio Lower Upper
173 100
175 47.8 24.6 73.8
254 0.0 0.2 0.2

Manual Integrations
APPROVED

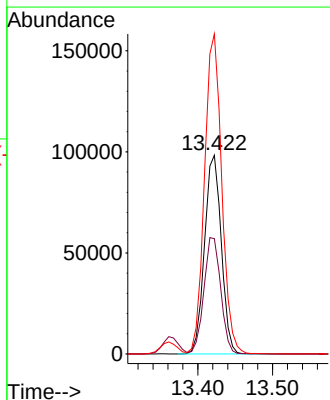
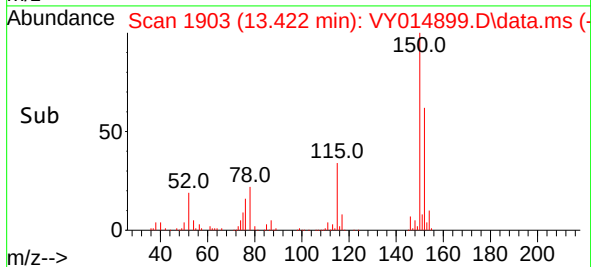
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

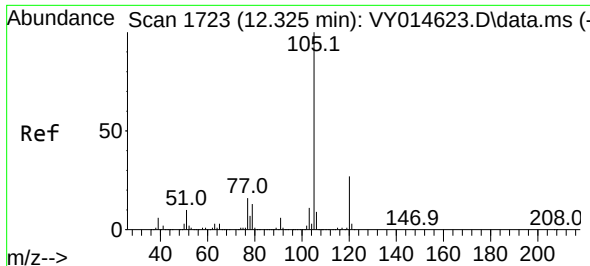


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20



Tgt Ion:152 Resp: 153010
Ion Ratio Lower Upper
152 100
115 58.9 28.8 86.5
150 165.4 0.0 348.8





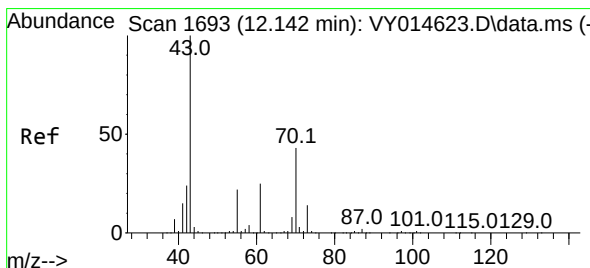
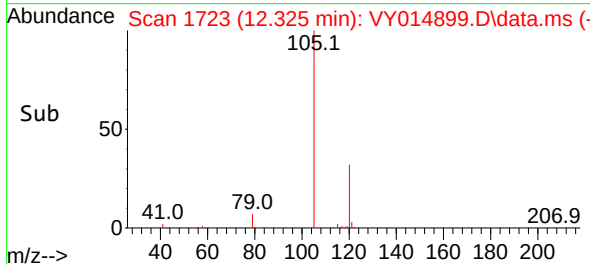
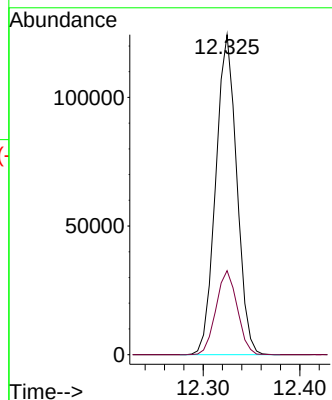
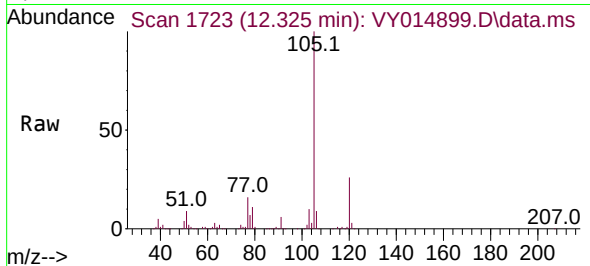
#73
Isopropylbenzene
Concen: 15.619 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion:105 Resp: 18713
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9

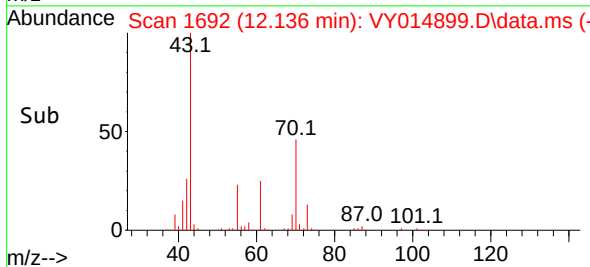
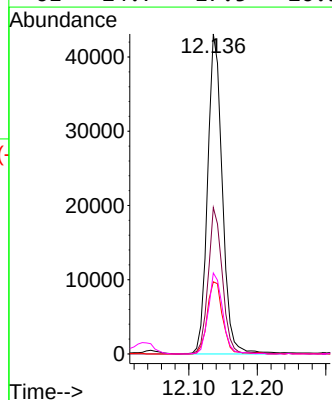
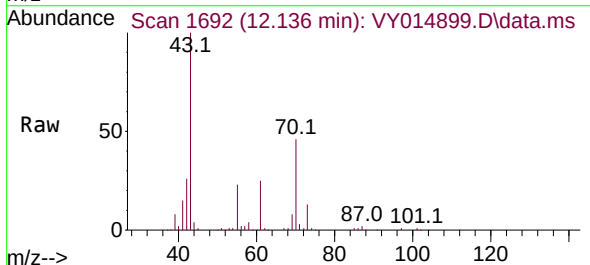
Manual Integrations
APPROVED

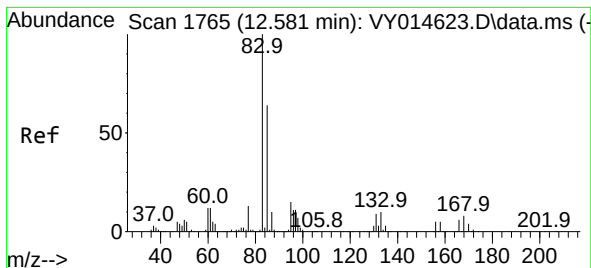
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#74
N-ethyl acetate
Concen: 16.066 ug/l
RT: 12.136 min Scan# 1692
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Tgt Ion: 43 Resp: 64466
Ion Ratio Lower Upper
43 100
70 44.2 29.7 44.5
55 23.4 18.3 27.5
61 24.7 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 17.170 ug/l

RT: 12.575 min Scan# 1764

Delta R.T. -0.006 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS01

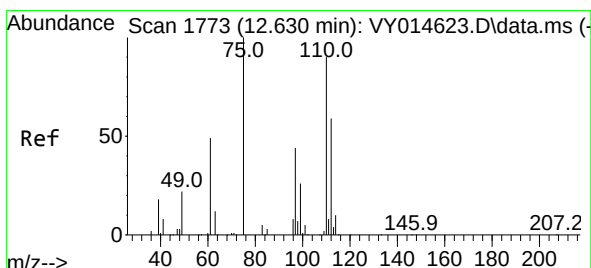
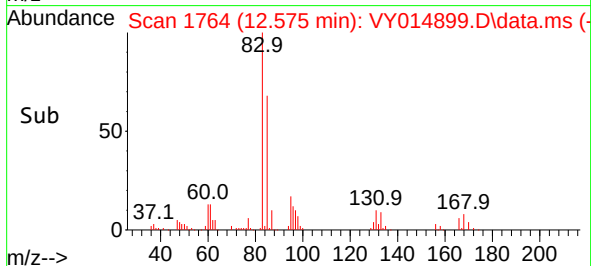
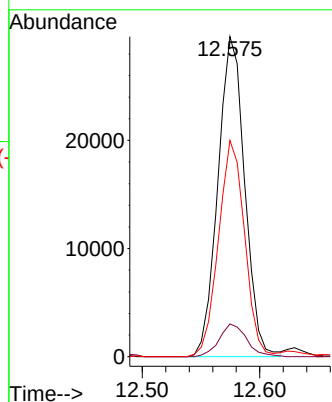
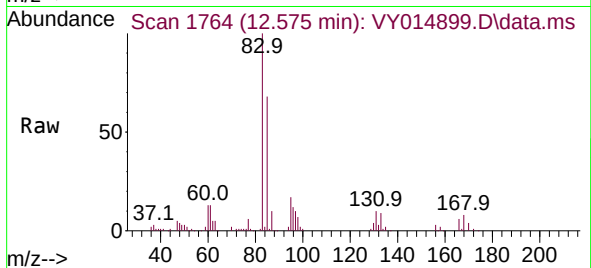
Tgt Ion: 83	Resp: 4691
Ion Ratio	Lower Upper
83 100	
131 10.5	5.4 16.2
85 65.9	31.8 95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#76

1,2,3-Trichloropropane

Concen: 19.343 ug/l m

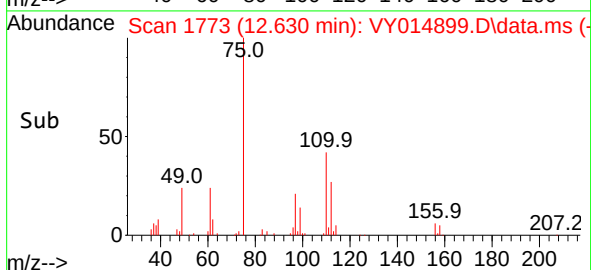
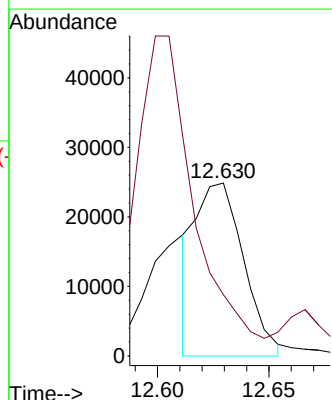
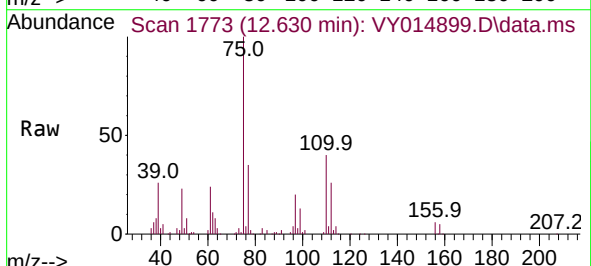
RT: 12.630 min Scan# 1773

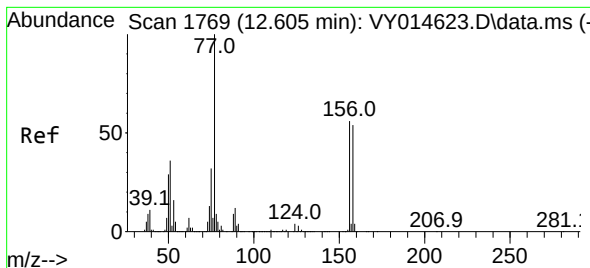
Delta R.T. -0.000 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

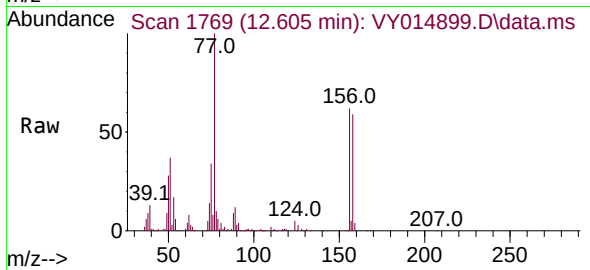
Tgt Ion: 75	Resp: 37379
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0





#77
Bromobenzene
Concen: 16.451 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

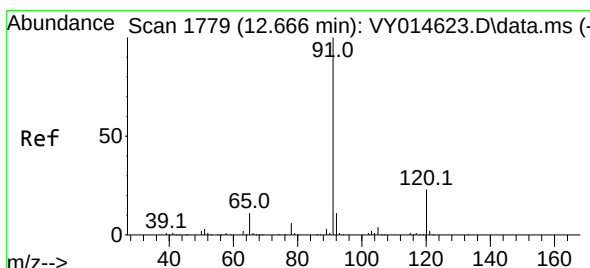
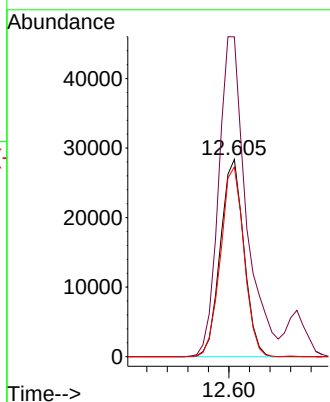
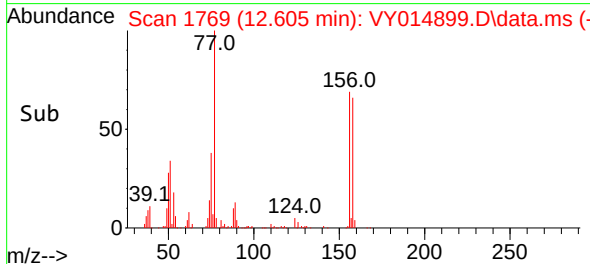
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01



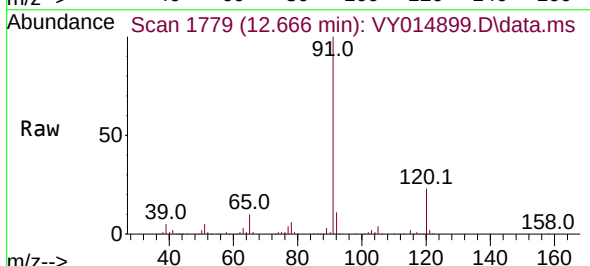
Tgt Ion:156 Resp: 4499
Ion Ratio Lower Upper
156 100
77 190.0 92.8 278.6
158 95.5 48.4 145.3

Manual Integrations
APPROVED

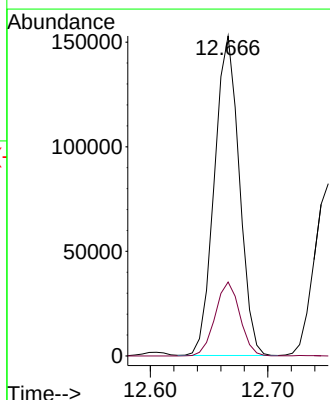
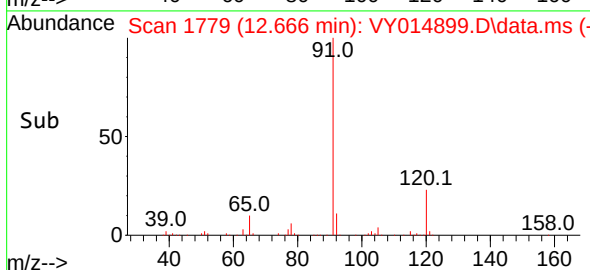
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

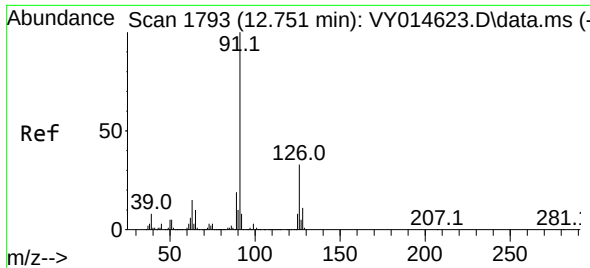


#78
n-propylbenzene
Concen: 15.593 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20



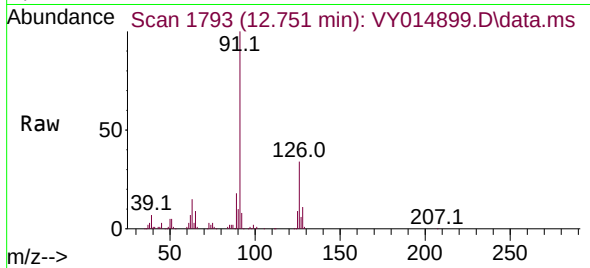
Tgt Ion: 91 Resp: 225116
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4





#79
2-Chlorotoluene
Concen: 15.247 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

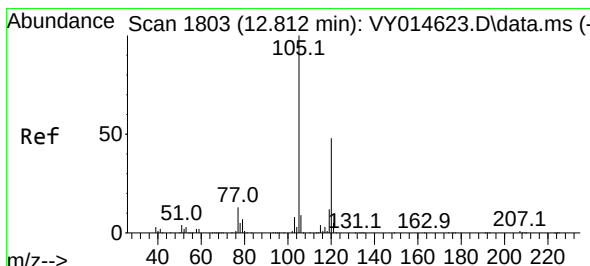
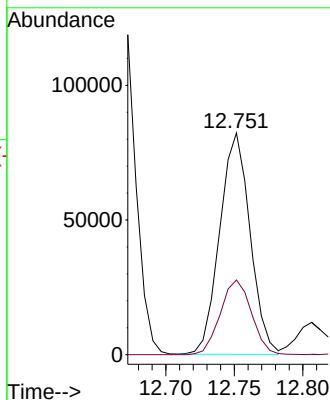
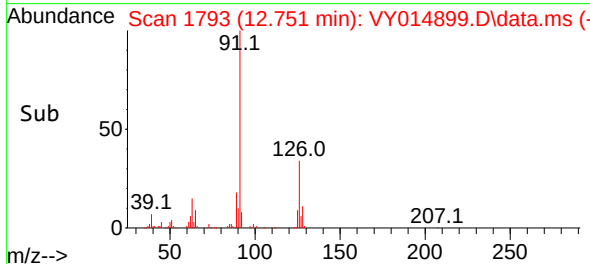
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01



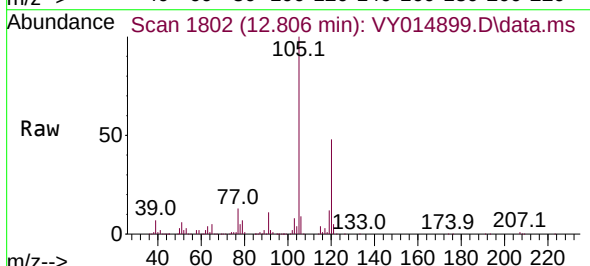
Tgt Ion: 91 Resp: 126780
Ion Ratio Lower Upper
91 100
126 34.6 17.3 51.7

Manual Integrations
APPROVED

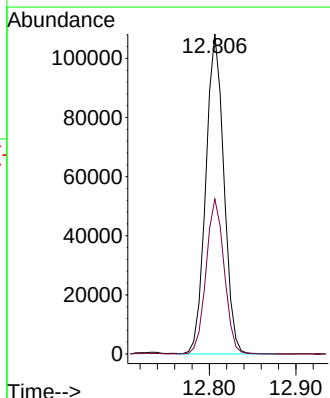
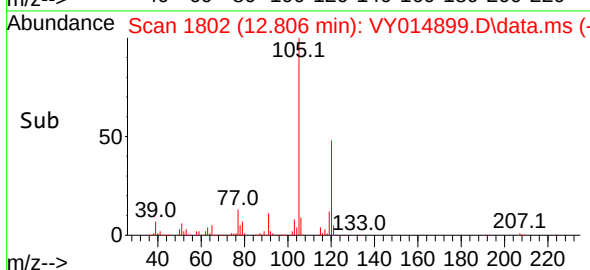
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

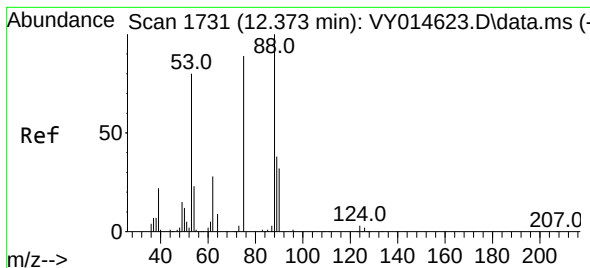


#80
1,3,5-Trimethylbenzene
Concen: 15.689 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20



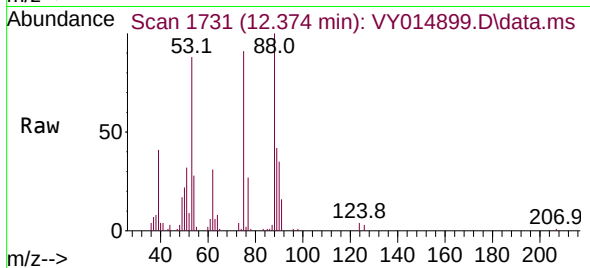
Tgt Ion:105 Resp: 156978
Ion Ratio Lower Upper
105 100
120 48.4 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 14.473 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.001 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

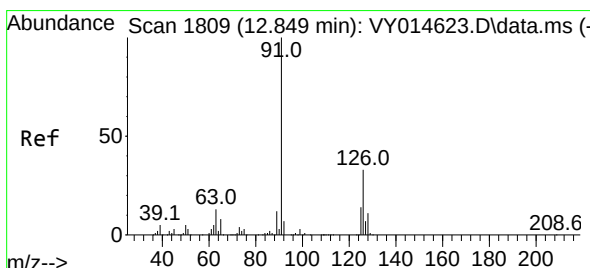
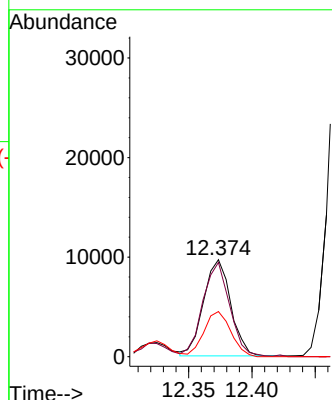
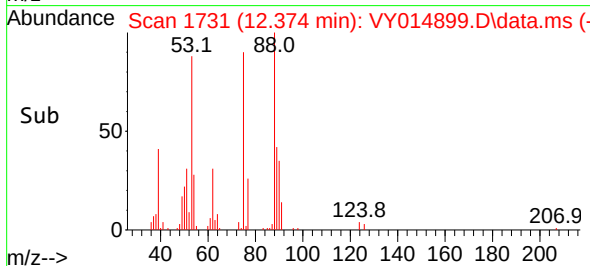
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01



Tgt Ion: 75 Resp: 1444
Ion Ratio Lower Upper
75 100
53 97.6 77.8 116.8
89 46.2 37.4 56.0

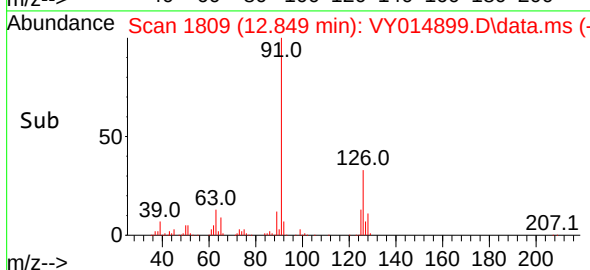
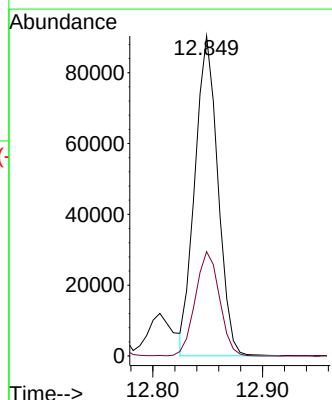
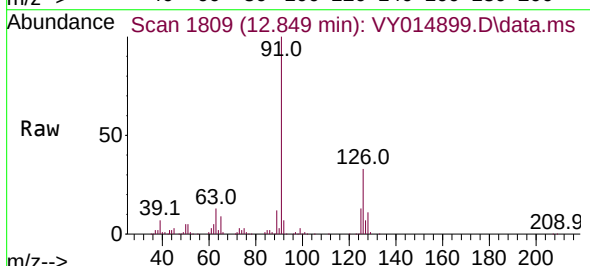
Manual Integrations
APPROVED

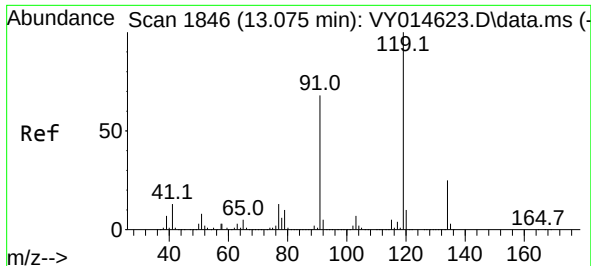
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#82
4-Chlorotoluene
Concen: 15.358 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Tgt Ion: 91 Resp: 131527
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.6





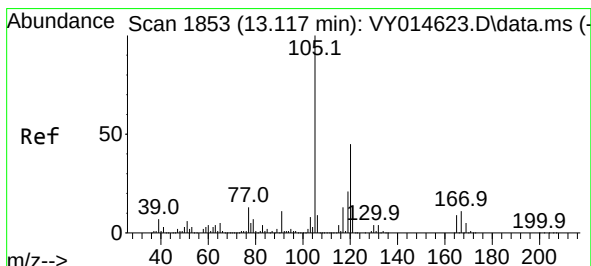
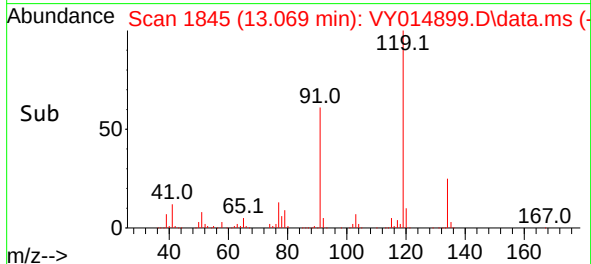
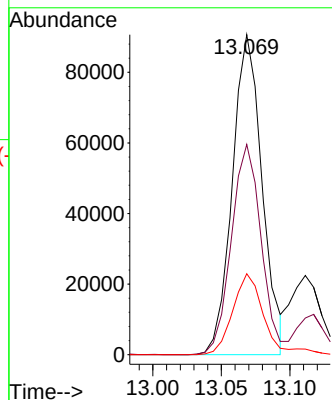
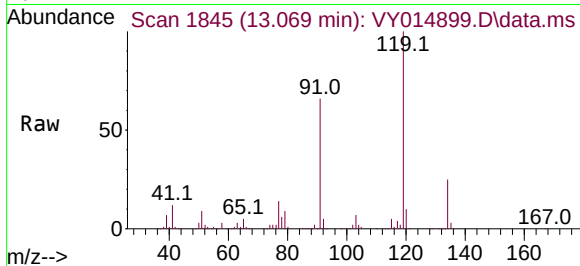
#83
tert-Butylbenzene
Concen: 15.460 ug/l
RT: 13.069 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion:119 Resp: 13722
Ion Ratio Lower Upper
119 100
91 65.3 32.9 98.6
134 26.4 13.0 38.9

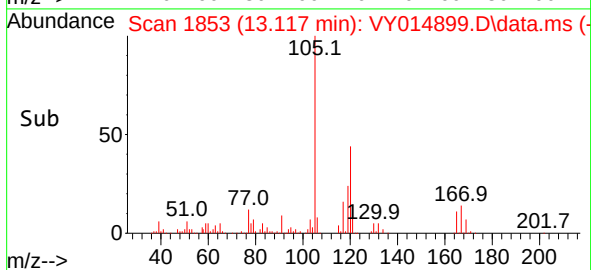
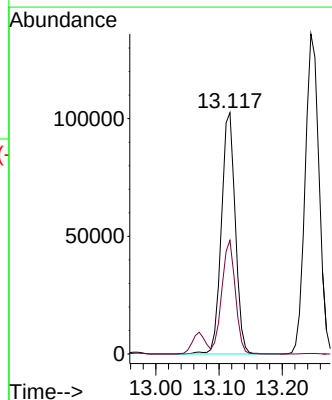
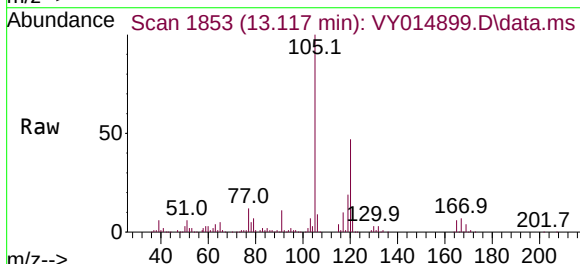
Manual Integrations
APPROVED

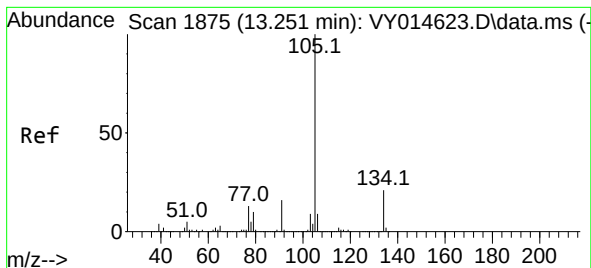
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#84
1,2,4-Trimethylbenzene
Concen: 15.859 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Tgt Ion:105 Resp: 155729
Ion Ratio Lower Upper
105 100
120 45.7 22.2 66.6





#85

sec-Butylbenzene

Concen: 15.821 ug/l

RT: 13.245 min Scan# 1874

Delta R.T. -0.006 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS01

Tgt Ion:105 Resp: 205989

Ion Ratio Lower Upper

105 100

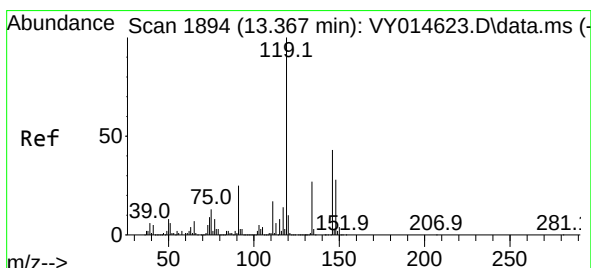
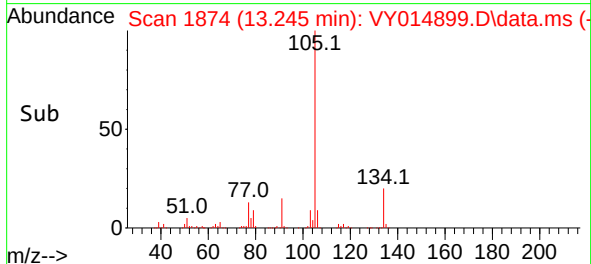
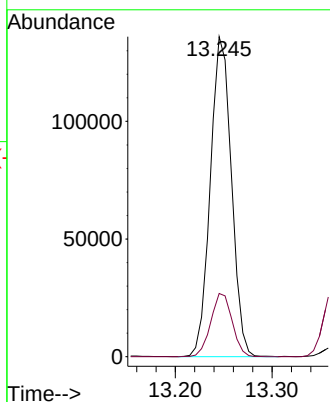
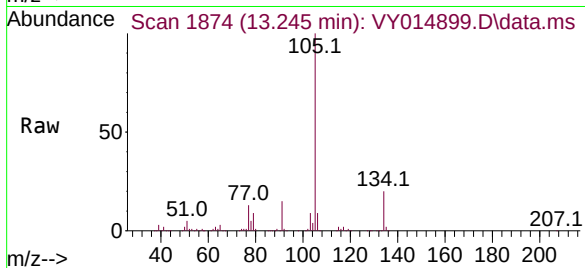
134 20.0 10.2 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#86

p-Isopropyltoluene

Concen: 15.926 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

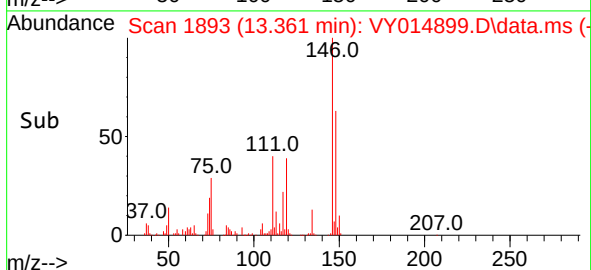
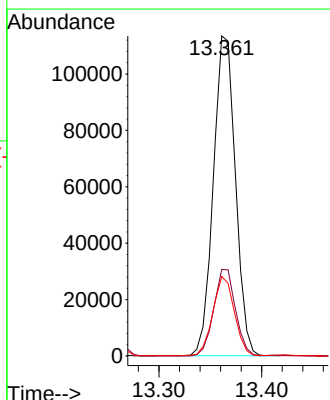
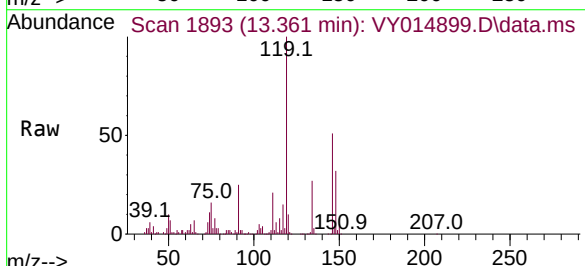
Tgt Ion:119 Resp: 169300

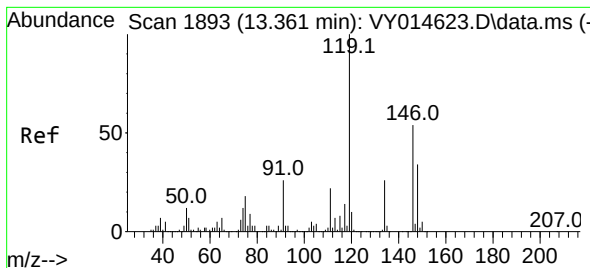
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

91 24.0 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 16.755 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS01

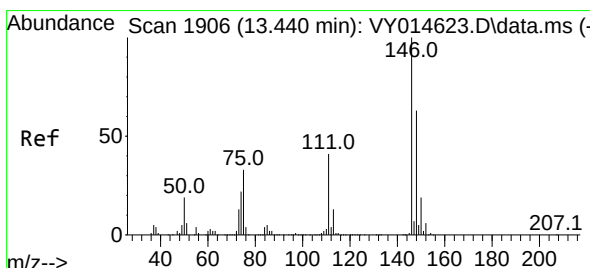
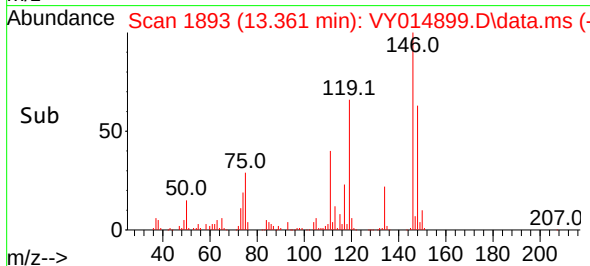
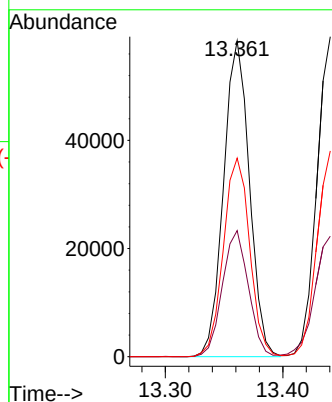
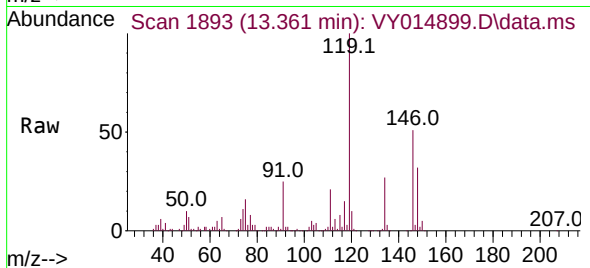
Tgt Ion:146	Resp:	8918
Ion Ratio	Lower	Upper
146	100	
111	40.2	19.4 58.2
148	64.3	31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#88

1,4-Dichlorobenzene

Concen: 16.881 ug/l

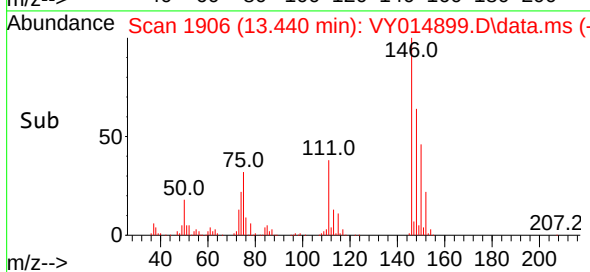
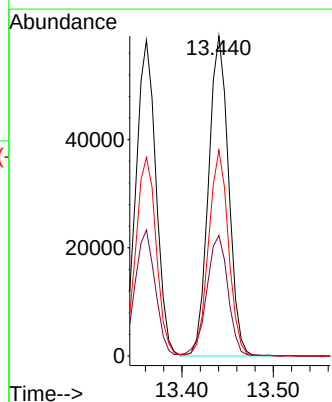
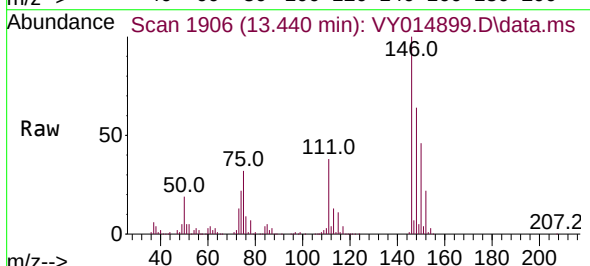
RT: 13.440 min Scan# 1906

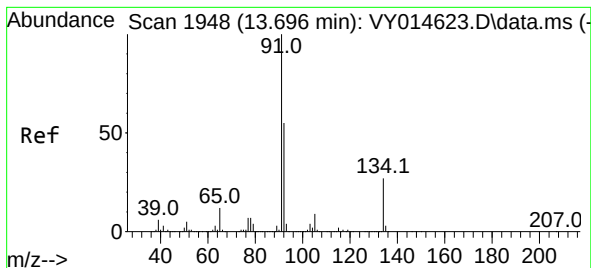
Delta R.T. 0.000 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

Tgt Ion:146	Resp:	90039
Ion Ratio	Lower	Upper
146	100	
111	40.0	18.9 56.7
148	63.8	32.1 96.5





#89

n-Butylbenzene

Concen: 15.595 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS01

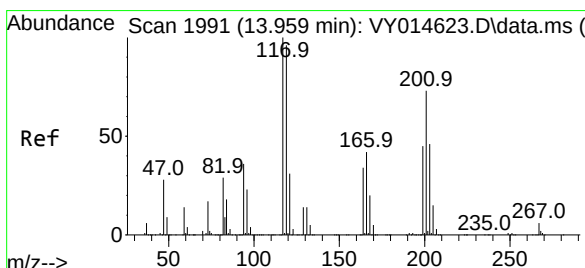
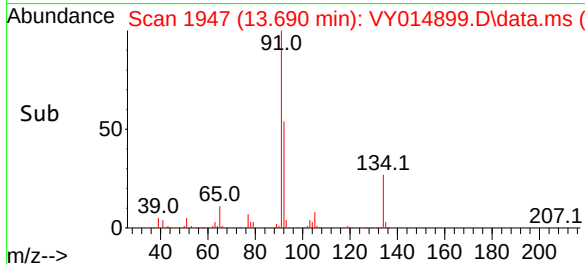
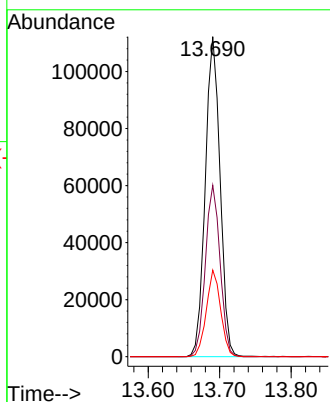
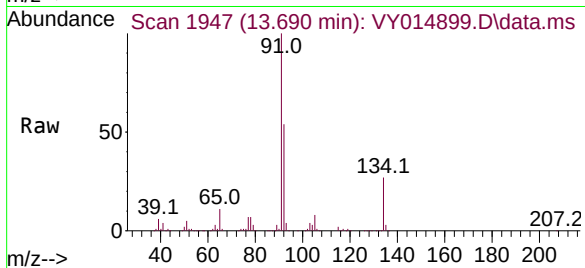
Tgt Ion:	91	Resp:	16129
Ion Ratio	Lower	Upper	
91	100		
92	53.2	25.4	76.0
134	26.2	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#90

Hexachloroethane

Concen: 15.107 ug/l

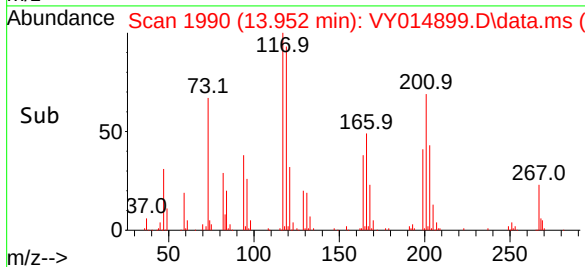
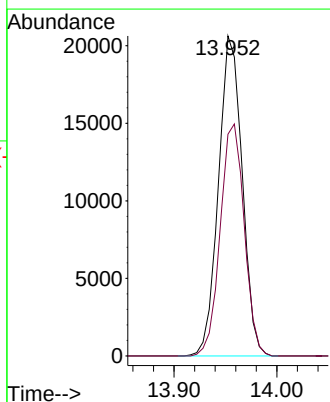
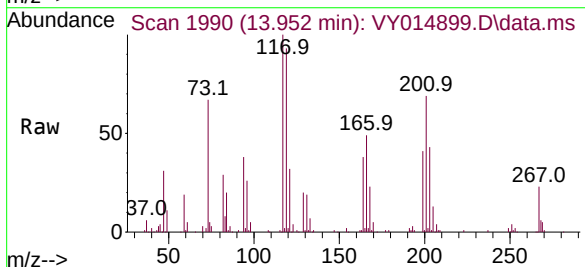
RT: 13.952 min Scan# 1990

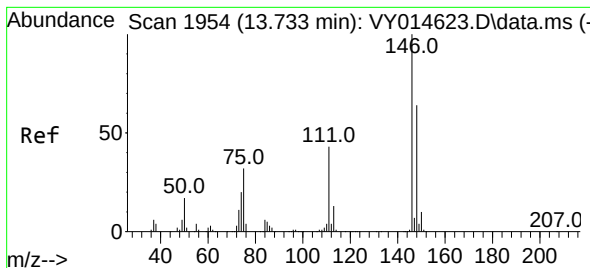
Delta R.T. -0.007 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

Tgt Ion:	117	Resp:	32985
Ion Ratio	Lower	Upper	
117	100		
201	73.5	41.6	124.8





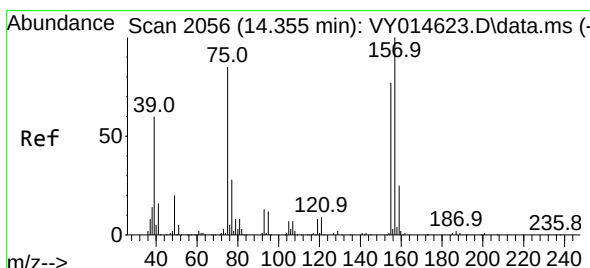
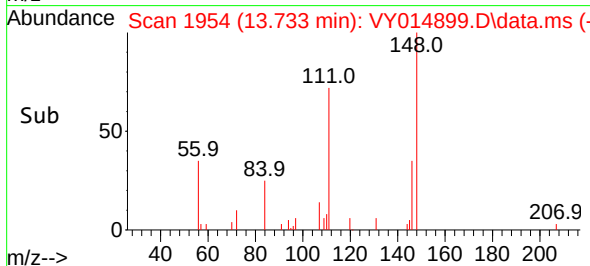
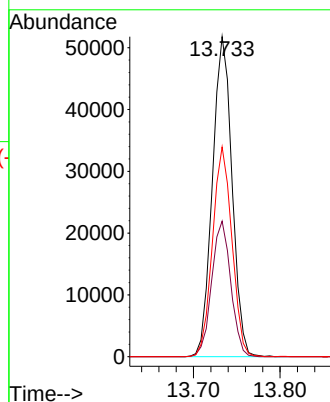
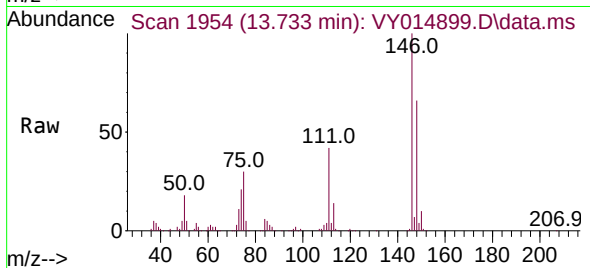
#91
1,2-Dichlorobenzene
Concen: 16.685 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. 0.000 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion:146 Resp: 81364
Ion Ratio Lower Upper
146 100
111 41.3 19.7 59.0
148 64.9 32.0 96.2

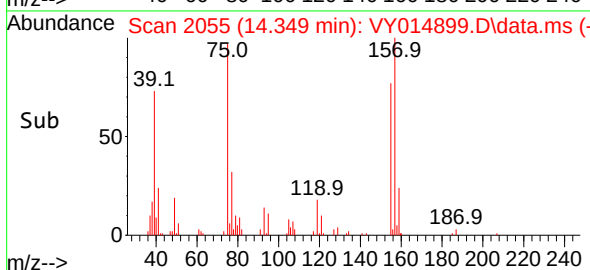
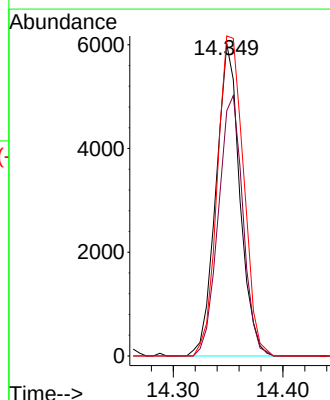
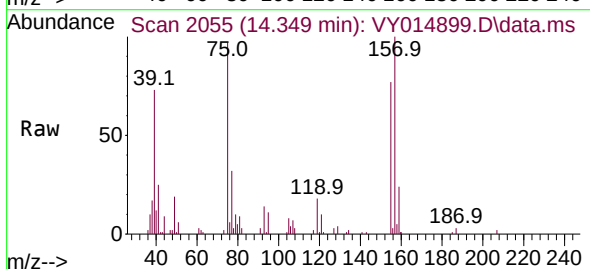
Manual Integrations
APPROVED

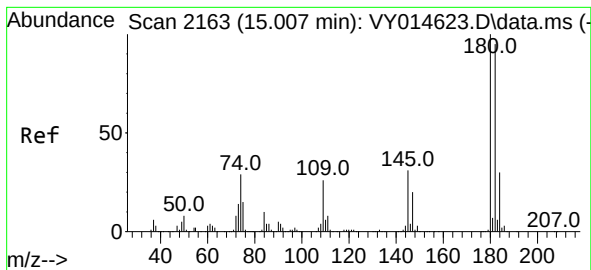
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.445 ug/l
RT: 14.349 min Scan# 2055
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Tgt Ion: 75 Resp: 9115
Ion Ratio Lower Upper
75 100
155 85.6 41.5 124.6
157 112.2 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 16.373 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS01

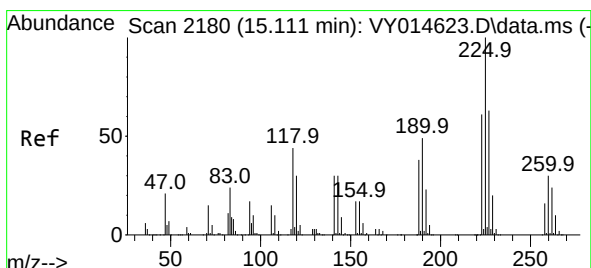
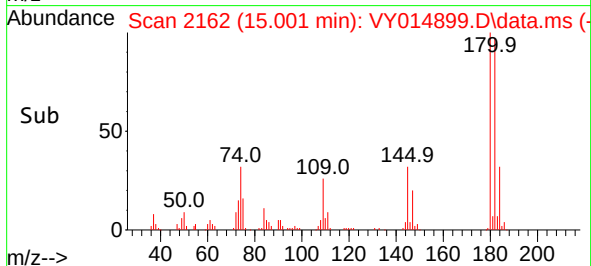
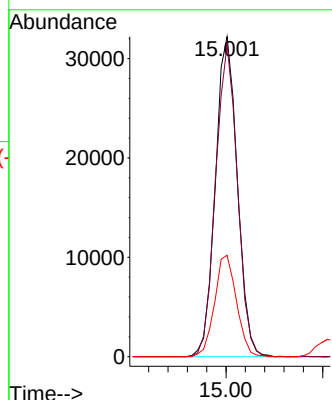
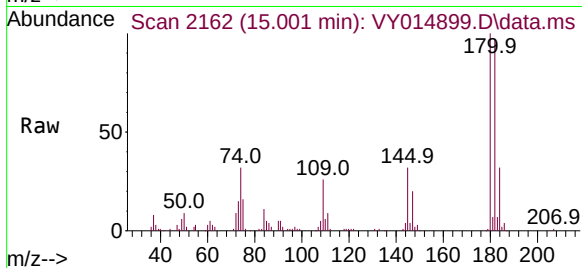
Tgt Ion:180	Resp:	50684
Ion Ratio	Lower	Upper
180	100	
182	96.8	47.0 141.2
145	31.7	14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#94

Hexachlorobutadiene

Concen: 16.487 ug/l

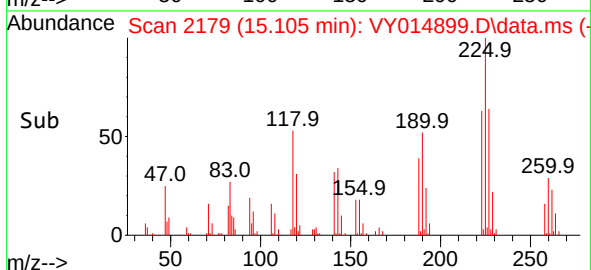
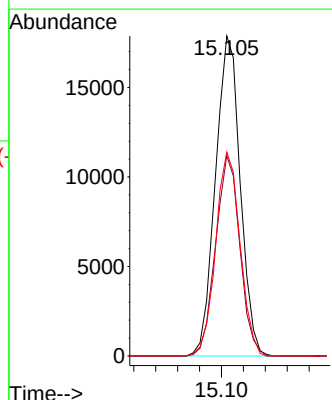
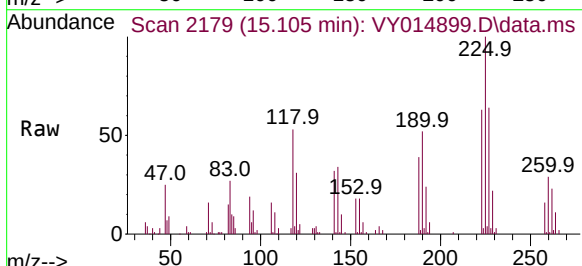
RT: 15.105 min Scan# 2179

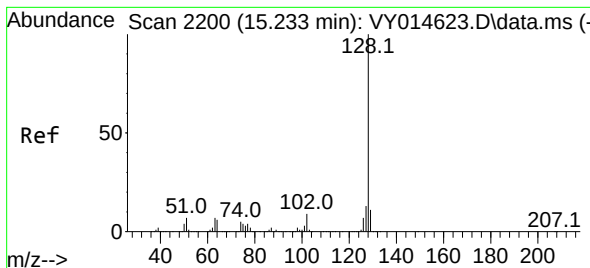
Delta R.T. -0.006 min

Lab File: VY014899.D

Acq: 28 Jul 2023 11:20

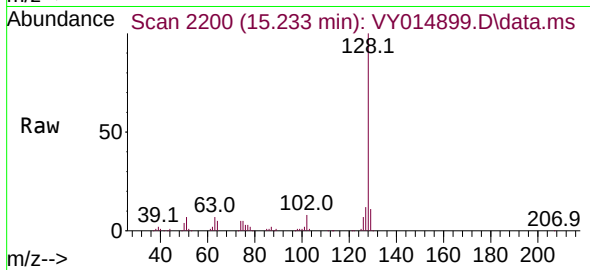
Tgt Ion:225	Resp:	28046
Ion Ratio	Lower	Upper
225	100	
223	61.1	31.9 95.9
227	62.8	33.0 98.9





#95
Naphthalene
Concen: 17.442 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

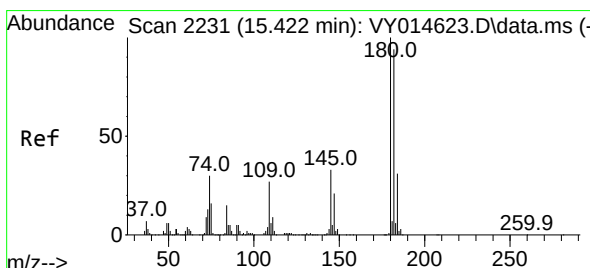
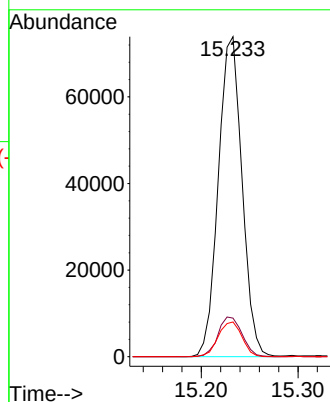
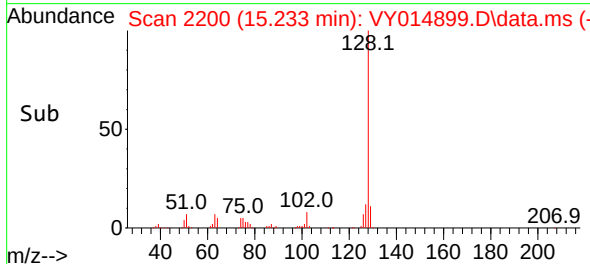
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01



Tgt Ion:128 Resp: 125792
Ion Ratio Lower Upper
128 100
127 12.7 10.8 16.2
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#96
1,2,3-Trichlorobenzene
Concen: 16.961 ug/l
RT: 15.416 min Scan# 2230
Delta R.T. -0.006 min
Lab File: VY014899.D
Acq: 28 Jul 2023 11:20

Tgt Ion:180 Resp: 46662
Ion Ratio Lower Upper
180 100
182 94.7 47.3 141.8
145 33.3 15.4 46.2

