

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072823\
 Data File : VY014900.D
 Acq On : 28 Jul 2023 11:43
 Operator : SY/MD
 Sample : VY0728SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0728SBS02

Quant Time: Jul 29 03:02:04 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	194806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	327656	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	297490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	154468	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	114142	51.418	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.840%			
35) Dibromofluoromethane	7.710	113	103229	49.492	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.980%			
50) Toluene-d8	10.173	98	365858	47.577	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 95.160%			
62) 4-Bromofluorobenzene	12.477	95	135234	45.864	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 91.720%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	28518	17.968	ug/l	95
3) Chloromethane	2.107	50	39220	21.983	ug/l	96
4) Vinyl Chloride	2.241	62	44720	22.429	ug/l	98
5) Bromomethane	2.619	94	34157	25.922	ug/l	97
6) Chloroethane	2.772	64	29069	23.340	ug/l	96
7) Trichlorofluoromethane	3.107	101	63003	18.814	ug/l	100
8) Diethyl Ether	3.522	74	23342	18.734	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.881	101	36720	17.890	ug/l	95
10) Methyl Iodide	4.076	142	32969	16.804	ug/l	97
11) Tert butyl alcohol	4.936	59	70857	145.052	ug/l #	94
12) 1,1-Dichloroethene	3.857	96	32838	17.118	ug/l	94
13) Acrolein	3.717	56	18685	80.531	ug/l	98
14) Allyl chloride	4.466	41	54439	15.983	ug/l	97
15) Acrylonitrile	5.149	53	70339	102.376	ug/l	100
16) Acetone	3.942	43	67481	95.928	ug/l	96
17) Carbon Disulfide	4.180	76	89207	16.243	ug/l	97
18) Methyl Acetate	4.466	43	56626	20.976	ug/l	93
19) Methyl tert-butyl Ether	5.210	73	117962	18.930	ug/l	98
20) Methylene Chloride	4.704	84	51424	19.966	ug/l	87
21) trans-1,2-Dichloroethene	5.210	96	38719	17.785	ug/l	97
22) Diisopropyl ether	6.113	45	122016	17.620	ug/l	91
23) Vinyl Acetate	6.052	43	370158	89.322	ug/l #	95
24) 1,1-Dichloroethane	6.003	63	70063	17.682	ug/l	97
25) 2-Butanone	6.978	43	105122	102.144	ug/l	98
26) 2,2-Dichloropropane	6.972	77	64034	16.957	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	46285	18.265	ug/l	96
28) Bromochloromethane	7.326	49	34458	20.192	ug/l	94
29) Tetrahydrofuran	7.344	42	64484	101.757	ug/l	91
30) Chloroform	7.496	83	76005	18.601	ug/l	96
31) Cyclohexane	7.777	56	60202	16.337	ug/l #	86
32) 1,1,1-Trichloroethane	7.692	97	64232	17.466	ug/l	99
36) 1,1-Dichloropropene	7.911	75	53343	17.101	ug/l	99
37) Ethyl Acetate	7.070	43	41499	19.324	ug/l #	94
38) Carbon Tetrachloride	7.893	117	57375	17.401	ug/l	95
39) Methylcyclohexane	9.179	83	65786	16.189	ug/l	92
40) Benzene	8.149	78	157916	17.801	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	21203m	19.195	ug/l	
42) 1,2-Dichloroethane	8.228	62	53364	18.996	ug/l	94
43) Isopropyl Acetate	8.265	43	75694	18.503	ug/l	97
44) Trichloroethene	8.935	130	44669	17.997	ug/l	97
45) 1,2-Dichloropropane	9.210	63	40603	17.528	ug/l	100
46) Dibromomethane	9.301	93	26881	19.128	ug/l	96
47) Bromodichloromethane	9.490	83	59216	17.879	ug/l	99
48) Methyl methacrylate	9.289	41	33221	18.047	ug/l	93
49) 1,4-Dioxane	9.295	88	9603	419.079	ug/l #	52
51) 4-Methyl-2-Pentanone	10.063	43	214669	99.943	ug/l	94
52) Toluene	10.240	92	100782	17.754	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	61584	16.998	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	67881	17.229	ug/l	95
55) 1,1,2-Trichloroethane	10.636	97	37365	19.088	ug/l	94
56) Ethyl methacrylate	10.502	69	55009	18.405	ug/l	89
57) 1,3-Dichloropropane	10.782	76	63349	18.763	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.777	63	140323	100.762	ug/l	94
59) 2-Hexanone	10.825	43	158615	101.262	ug/l	94
60) Dibromochloromethane	10.978	129	44278	18.449	ug/l	99
61) 1,2-Dibromoethane	11.081	107	37204	19.051	ug/l	99
64) Tetrachloroethene	10.715	164	43170	18.043	ug/l	96
65) Chlorobenzene	11.508	112	112847	17.801	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.581	131	42557	17.804	ug/l	99
67) Ethyl Benzene	11.587	91	196126	17.135	ug/l	100
68) m/p-Xylenes	11.697	106	151218	34.610	ug/l	96
69) o-Xylene	12.020	106	73195	17.200	ug/l	98
70) Styrene	12.038	104	126044	17.573	ug/l	97
71) Bromoform	12.203	173	29375	18.131	ug/l #	99
73) Isopropylbenzene	12.325	105	193893	16.031	ug/l	99
74) N-amyl acetate	12.136	43	66127	16.324	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.575	83	48022	17.411	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	38148m	19.554	ug/l	
77) Bromobenzene	12.599	156	47122	17.068	ug/l	97
78) n-propylbenzene	12.666	91	231834	15.907	ug/l	99
79) 2-Chlorotoluene	12.752	91	131953	15.719	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	162749	16.112	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	14968	14.855	ug/l	99
82) 4-Chlorotoluene	12.849	91	139353	16.118	ug/l	99
83) tert-Butylbenzene	13.069	119	139138	15.528	ug/l	99
84) 1,2,4-Trimethylbenzene	13.111	105	163254	16.469	ug/l	99
85) sec-Butylbenzene	13.245	105	210470	16.012	ug/l	100
86) p-Isopropyltoluene	13.361	119	174525	16.262	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	92603	17.234	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	92753	17.226	ug/l	98
89) n-Butylbenzene	13.690	91	166676	15.964	ug/l	97
90) Hexachloroethane	13.953	117	33567	15.228	ug/l	88
91) 1,2-Dichlorobenzene	13.733	146	86000	17.469	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	9535	18.077	ug/l	95
93) 1,2,4-Trichlorobenzene	15.001	180	54047	17.294	ug/l	99
94) Hexachlorobutadiene	15.105	225	28670	16.694	ug/l	97
95) Naphthalene	15.227	128	129304	17.760	ug/l	98
96) 1,2,3-Trichlorobenzene	15.416	180	48505	17.464	ug/l	99

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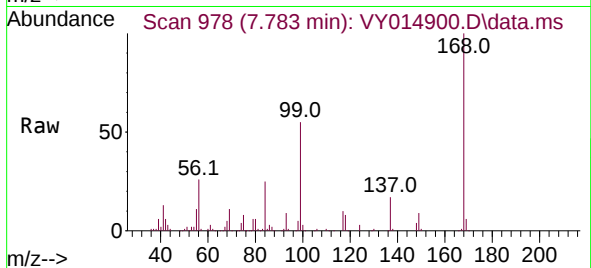
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

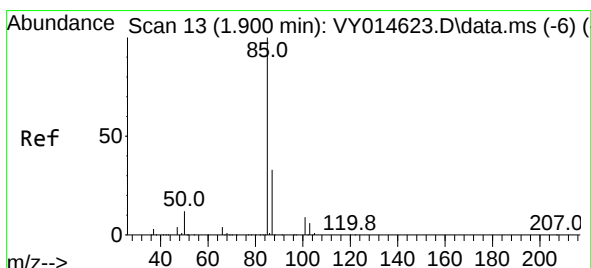
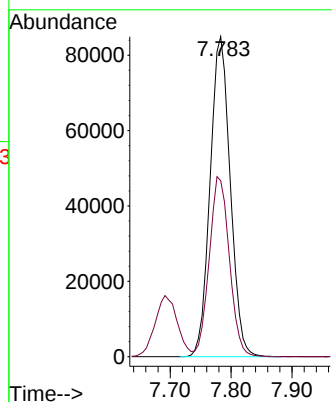
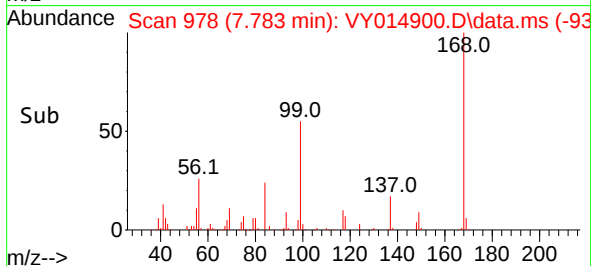
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS02



Tgt Ion:168 Resp: 194800
Ion Ratio Lower Upper
168 100
99 55.0 43.4 65.0

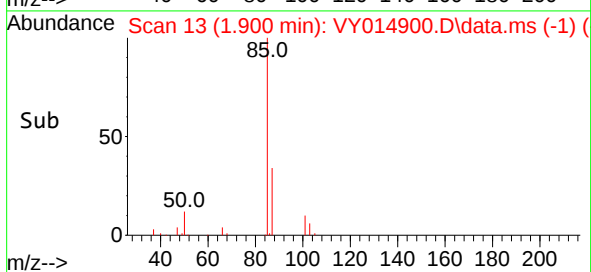
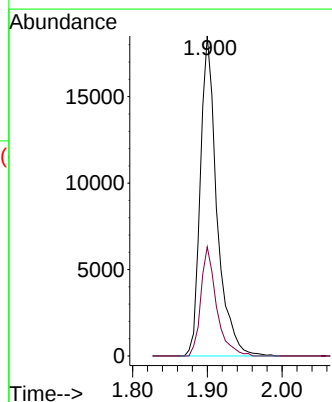
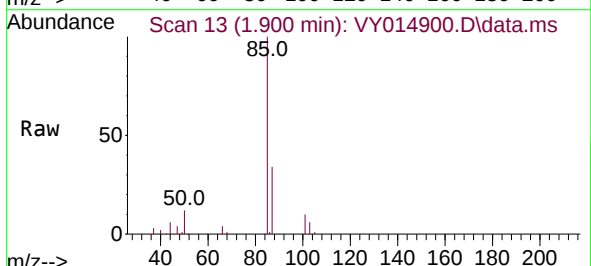
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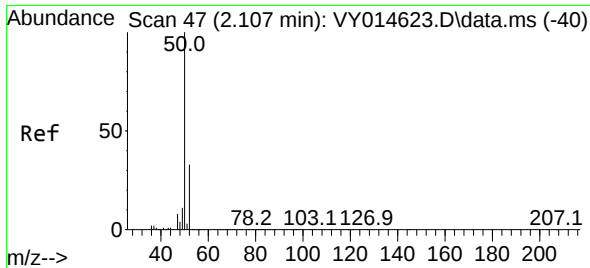
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#2
Dichlorodifluoromethane
Concen: 17.968 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

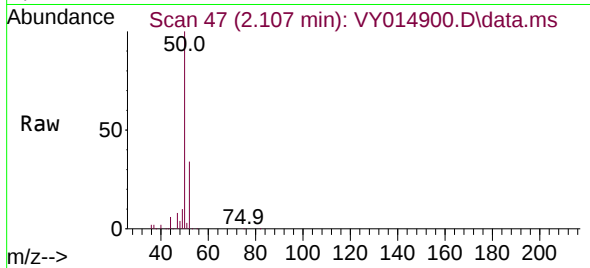
Tgt Ion: 85 Resp: 28518
Ion Ratio Lower Upper
85 100
87 34.1 15.6 46.8





#3
Chloromethane
Concen: 21.983 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

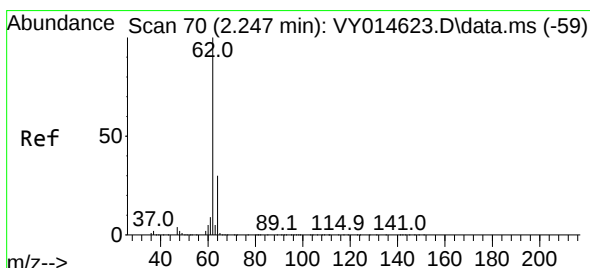
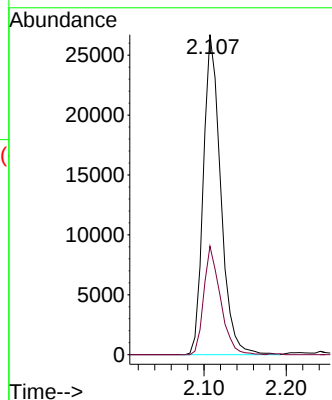
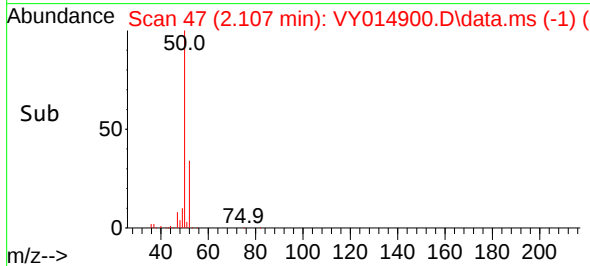
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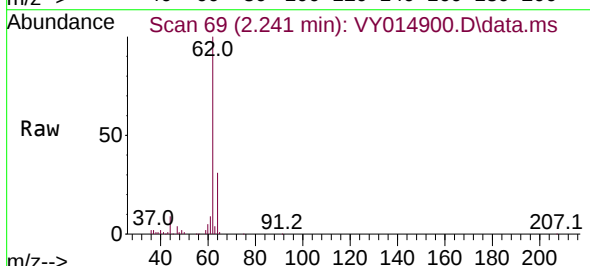
Tgt Ion: 50 Resp: 39220
Ion Ratio Lower Upper
50 100
52 33.9 25.4 38.2

Manual Integrations
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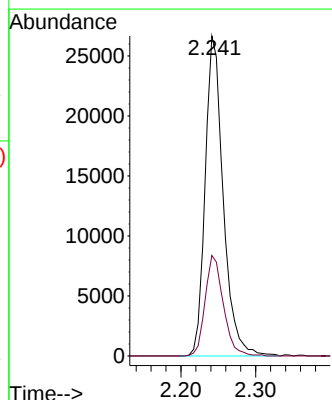
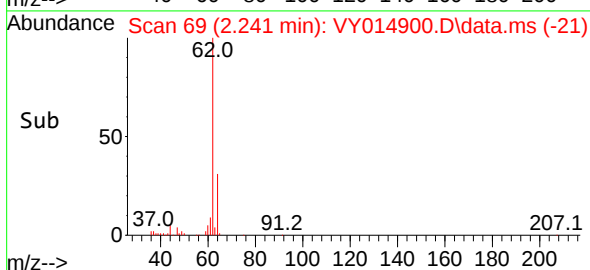
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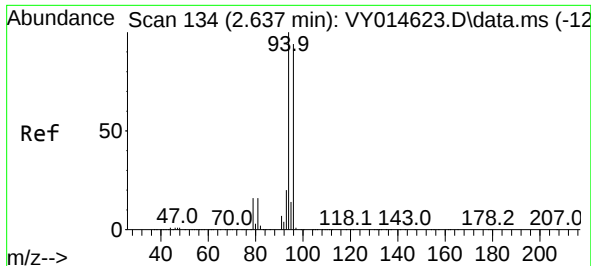


#4
Vinyl Chloride
Concen: 22.429 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.006 min
Lab File: VY014900.D
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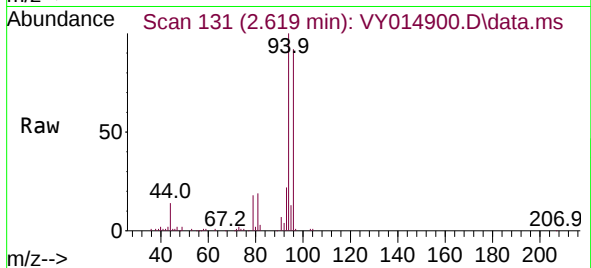
Tgt Ion: 62 Resp: 44720
Ion Ratio Lower Upper
62 100
64 31.4 24.3 36.5





#5
Bromomethane
Concen: 25.922 ug/l
RT: 2.619 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

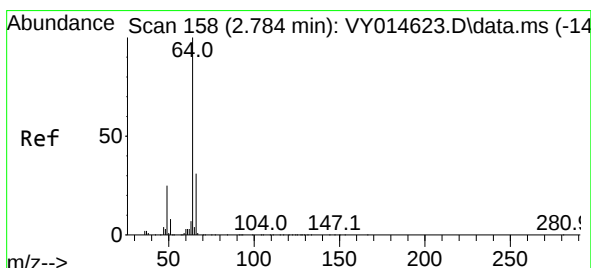
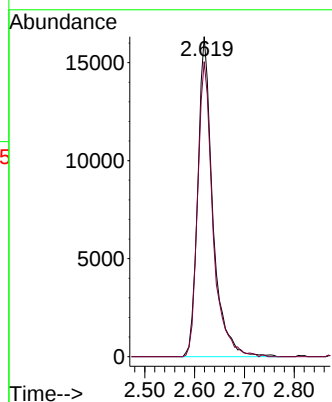
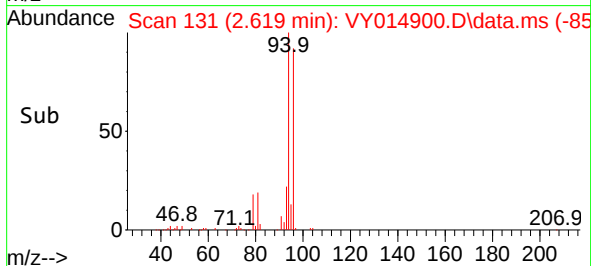
Instrument :
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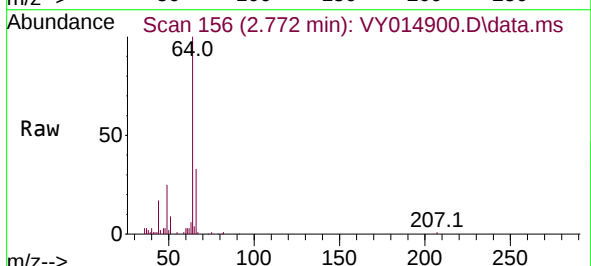
Tgt Ion: 94 Resp: 3415
Ion Ratio Lower Upper
94 100
96 92.2 75.8 113.6

Manual Integrations
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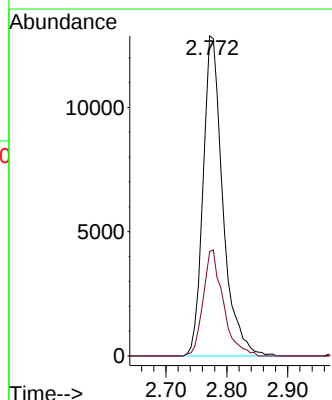
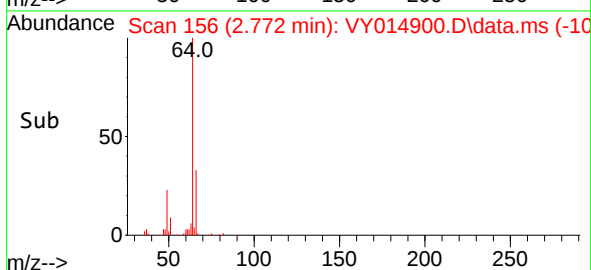
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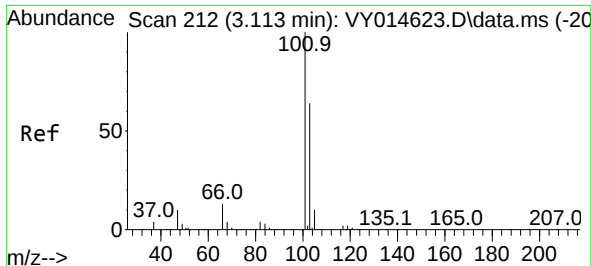


#6
Chloroethane
Concen: 23.340 ug/l
RT: 2.772 min Scan# 156
Delta R.T. -0.012 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43



Tgt Ion: 64 Resp: 29069
Ion Ratio Lower Upper
64 100
66 32.6 24.4 36.6





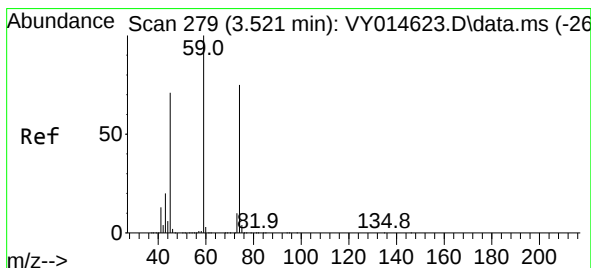
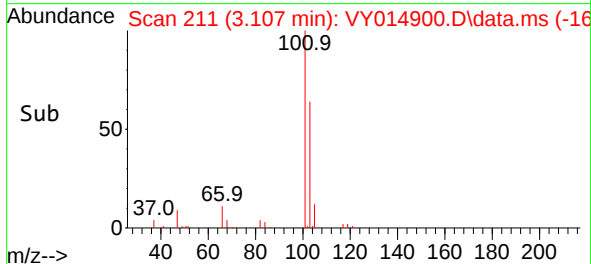
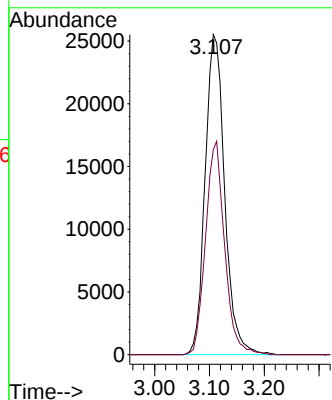
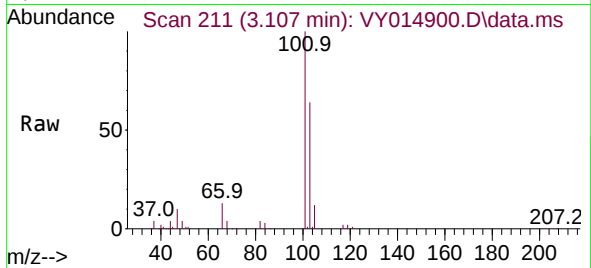
#7
 Trichlorofluoromethane
 Concen: 18.814 ug/l
 RT: 3.107 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: VY014900.D
 Acq: 28 Jul 2023 11:43

Instrument :
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Tgt Ion:101 Resp: 6300
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.4 77.0

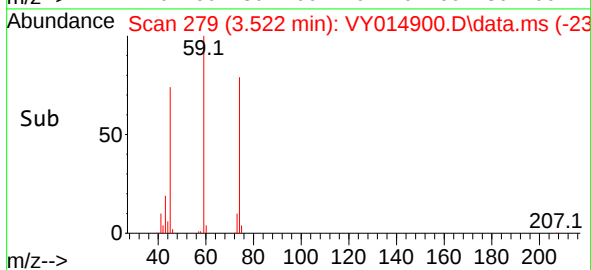
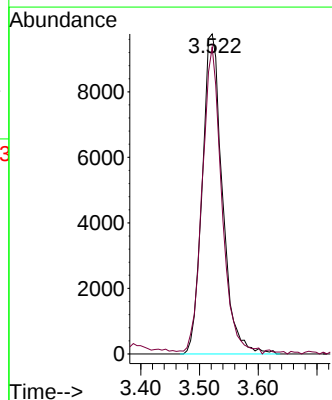
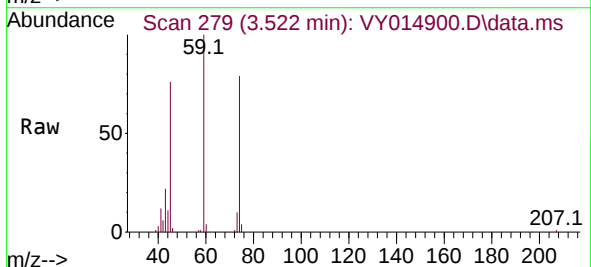
Manual Integrations
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#8
 Diethyl Ether
 Concen: 18.734 ug/l
 RT: 3.522 min Scan# 279
 Delta R.T. 0.001 min
 Lab File: VY014900.D
 Acq: 28 Jul 2023 11:43

Tgt Ion: 74 Resp: 23342
 Ion Ratio Lower Upper
 74 100
 45 93.5 51.5 154.5





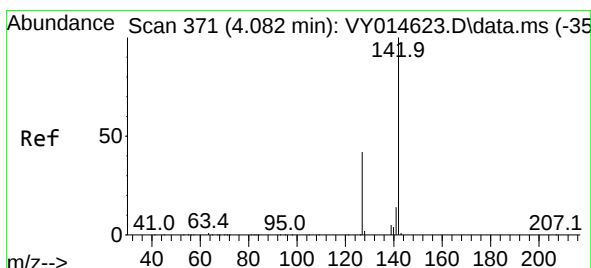
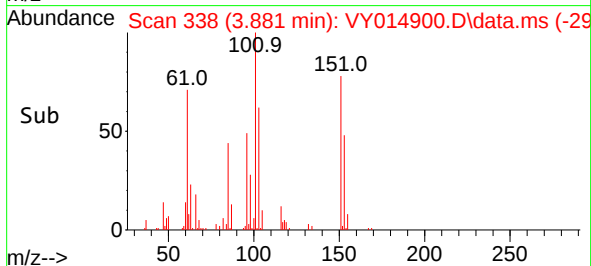
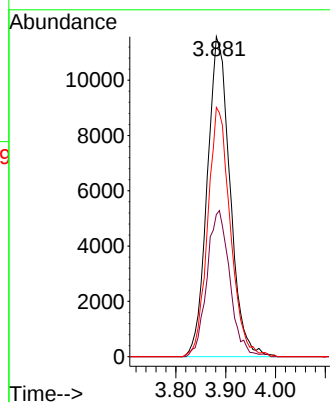
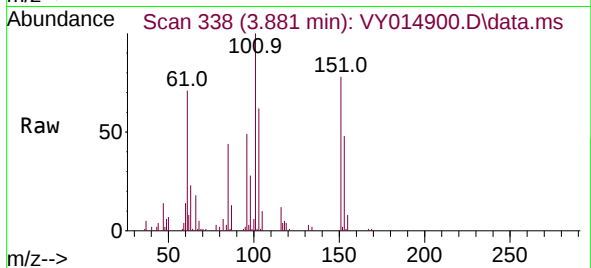
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.890 ug/l
RT: 3.881 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

Instrument :
MSVOA_Y
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Tgt Ion:101 Resp: 36720
Ion Ratio Lower Upper
101 100
85 45.9 36.6 55.0
151 77.4 67.0 100.6

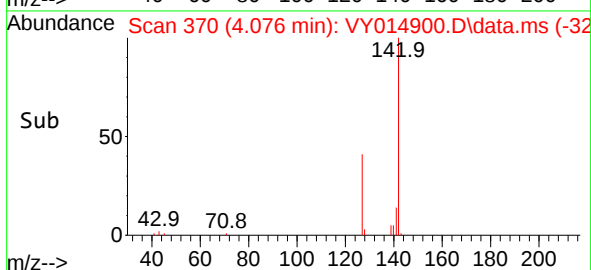
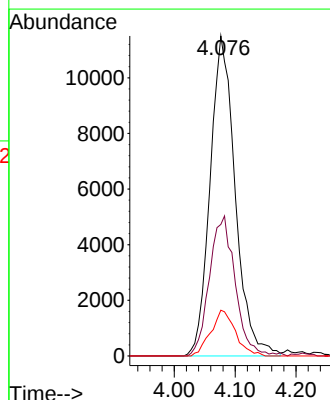
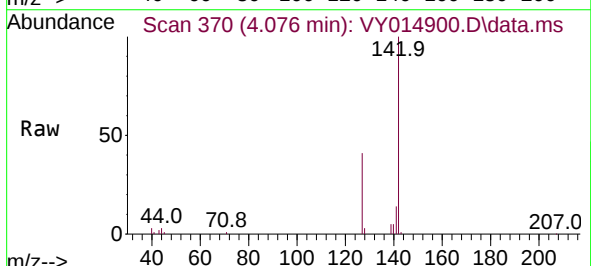
Manual Integrations
APPROVED

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



#10
Methyl Iodide
Concen: 16.804 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

Tgt Ion:142 Resp: 32969
Ion Ratio Lower Upper
142 100
127 44.9 37.6 56.4
141 14.0 11.8 17.8





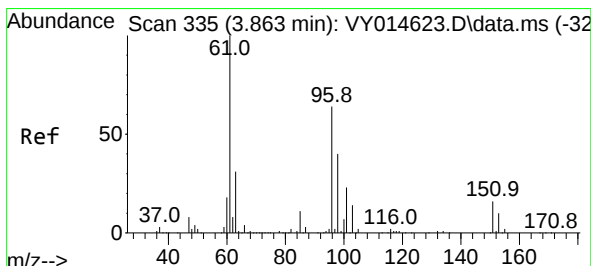
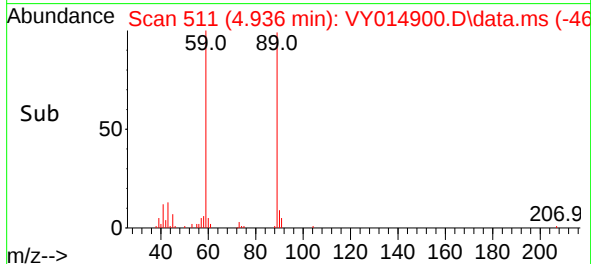
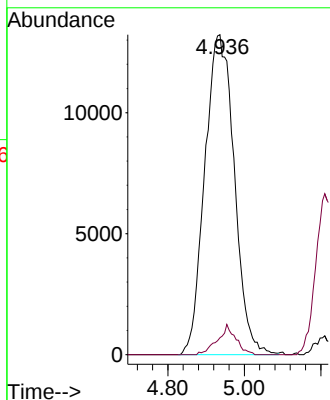
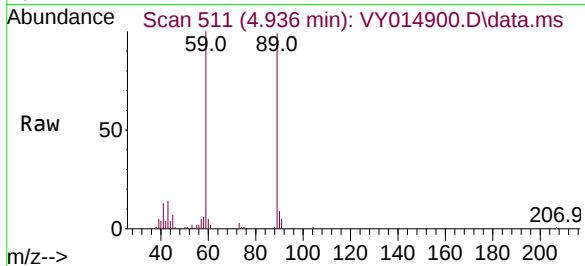
#11
Tert butyl alcohol
Concen: 145.052 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS02

Tgt Ion: 59 Resp: 7085
Ion Ratio Lower Upper
59 100
57 5.8 3.0 4.4

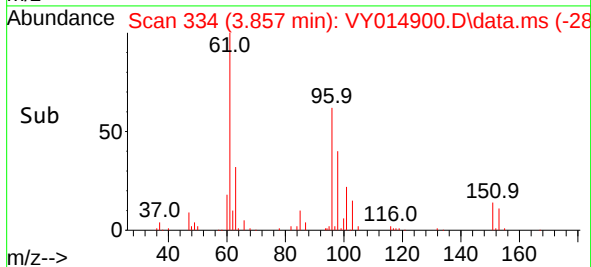
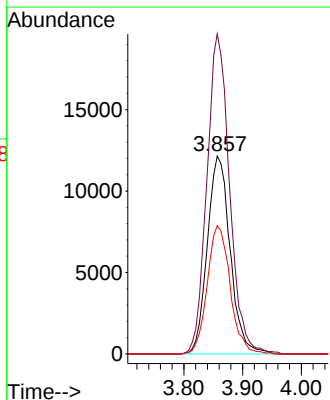
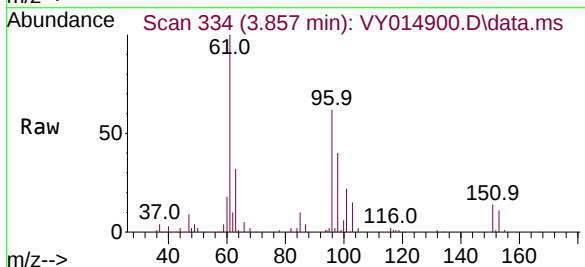
Manual Integrations
APPROVED

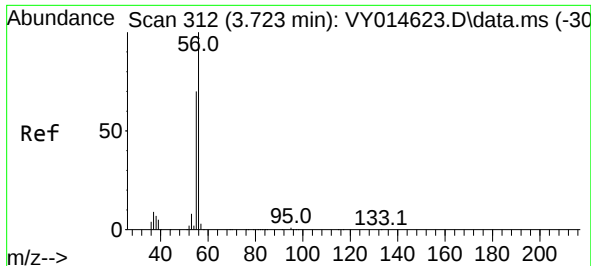
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#12
1,1-Dichloroethene
Concen: 17.118 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

Tgt Ion: 96 Resp: 32838
Ion Ratio Lower Upper
96 100
61 161.6 136.4 204.6
98 64.8 49.4 74.2





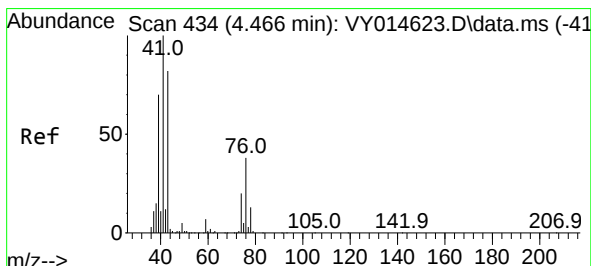
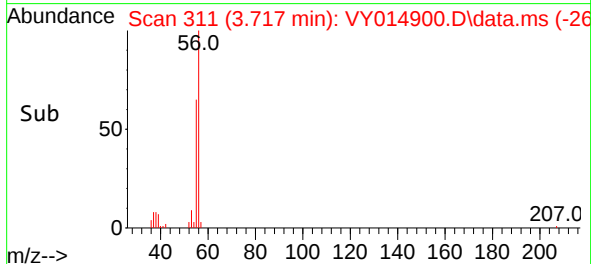
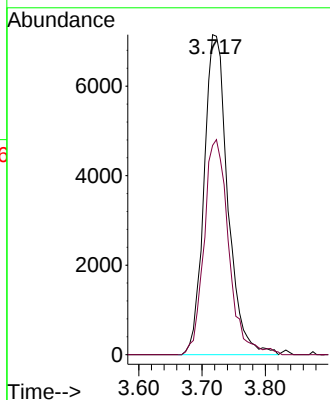
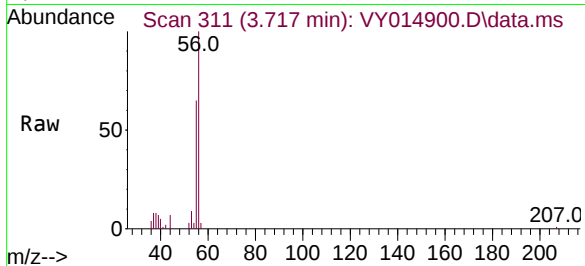
#13
Acrolein
Concen: 80.531 ug/l
RT: 3.717 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS02

Tgt Ion: 56 Resp: 1868
Ion Ratio Lower Upper
56 100
55 69.8 57.0 85.4

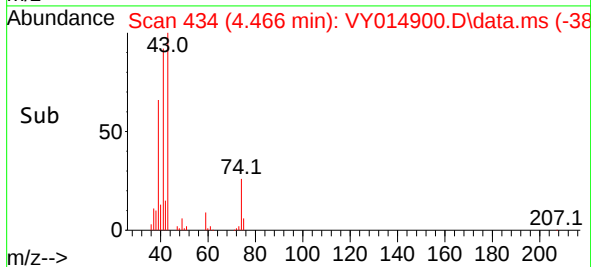
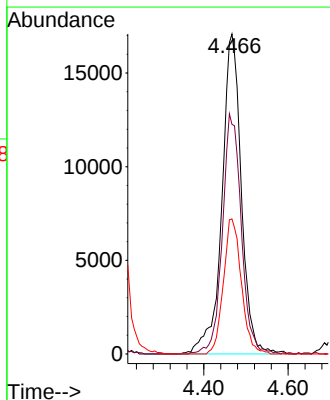
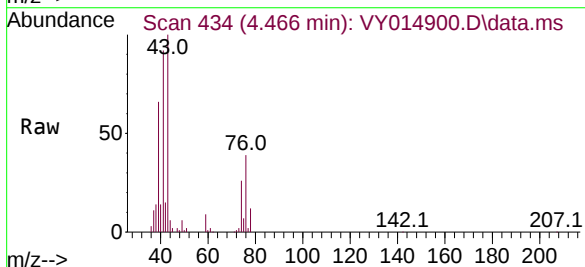
Manual Integrations
APPROVED

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



#14
Allyl chloride
Concen: 15.983 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

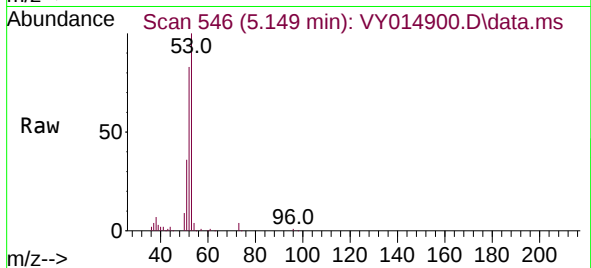
Tgt Ion: 41 Resp: 54439
Ion Ratio Lower Upper
41 100
39 73.0 58.0 87.0
76 39.0 27.4 41.2





#15
Acrylonitrile
Concen: 102.376 ug/l
RT: 5.149 min Scan# 547
Delta R.T. -0.006 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

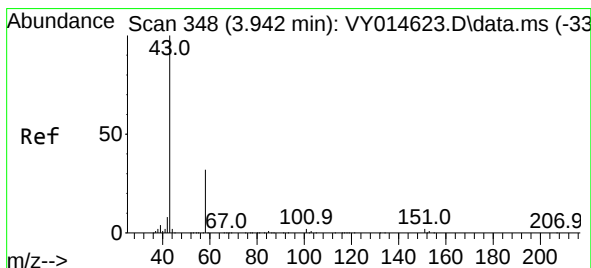
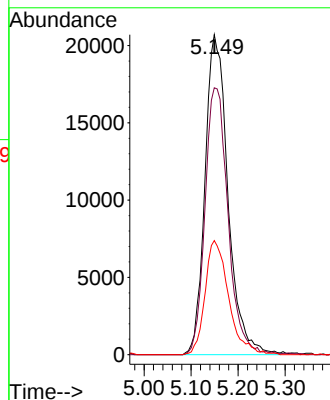
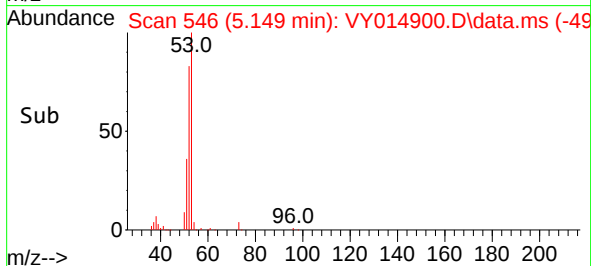
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS02



Tgt Ion: 53 Resp: 70339
Ion Ratio Lower Upper
53 100
52 83.7 66.9 100.3
51 36.7 29.8 44.6

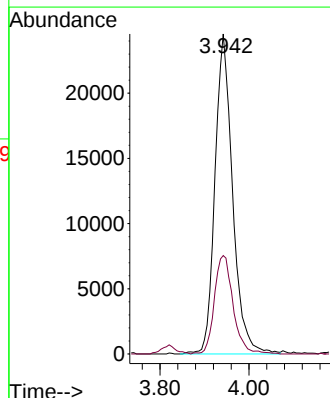
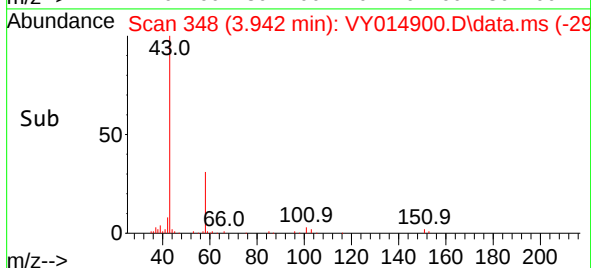
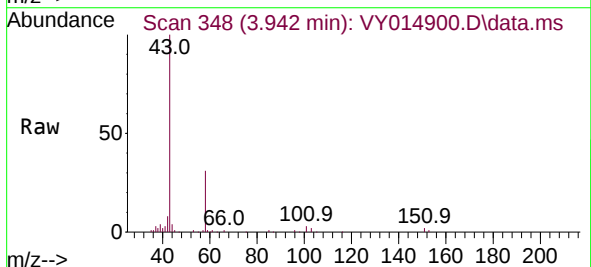
Manual Integrations
APPROVED

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



#16
Acetone
Concen: 95.928 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

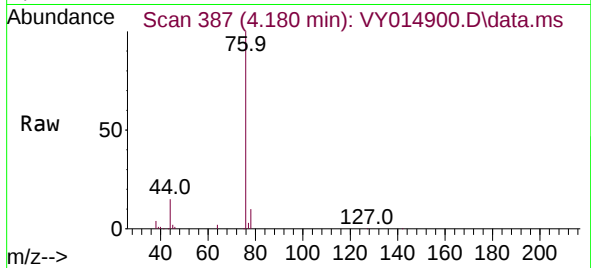
Tgt Ion: 43 Resp: 67481
Ion Ratio Lower Upper
43 100
58 30.8 22.7 34.1





#17
Carbon Disulfide
Concen: 16.243 ug/l
RT: 4.180 min Scan# 388
Delta R.T. -0.006 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

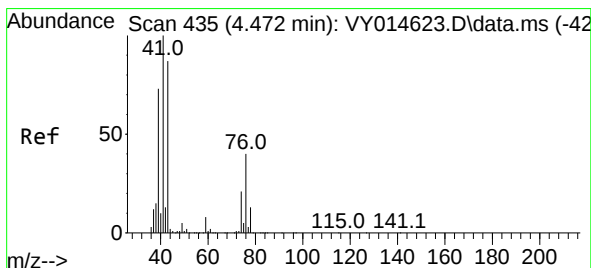
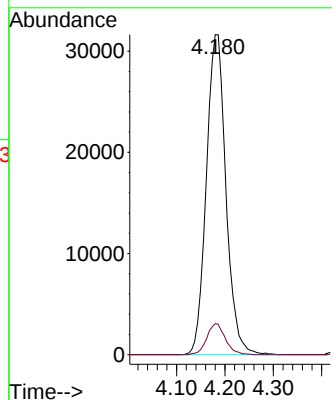
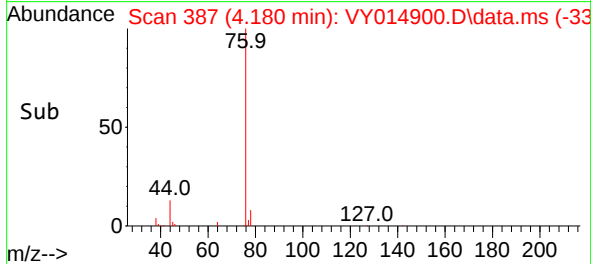
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS02



Tgt Ion: 76 Resp: 8920
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.4

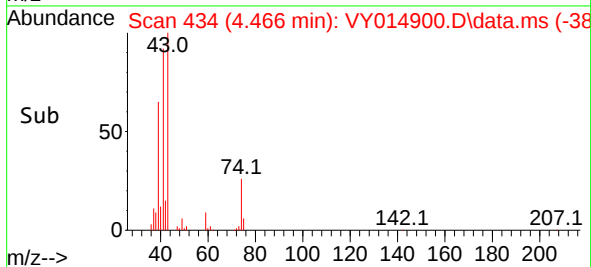
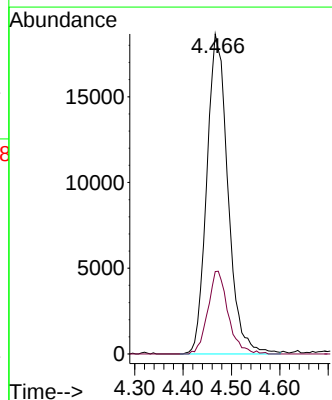
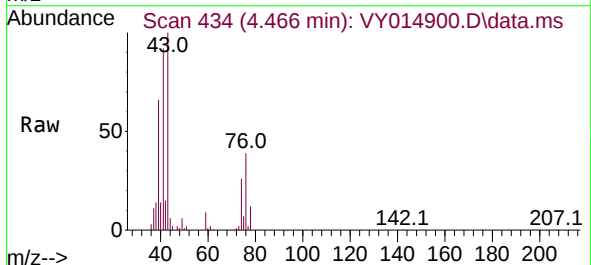
Manual Integrations
APPROVED

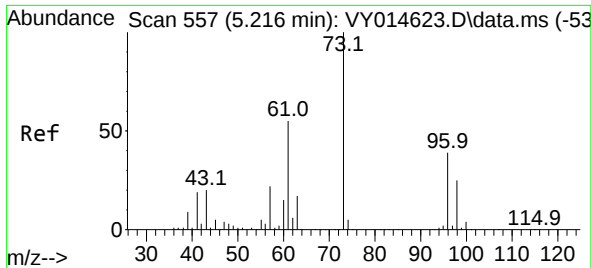
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#18
Methyl Acetate
Concen: 20.976 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

Tgt Ion: 43 Resp: 56626
Ion Ratio Lower Upper
43 100
74 24.9 17.4 26.0





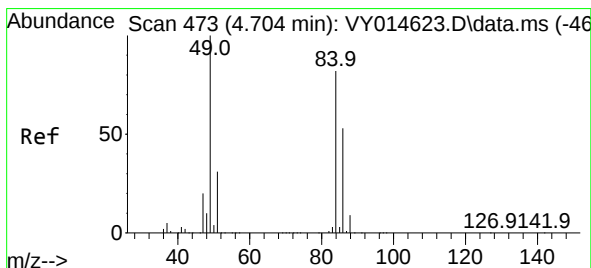
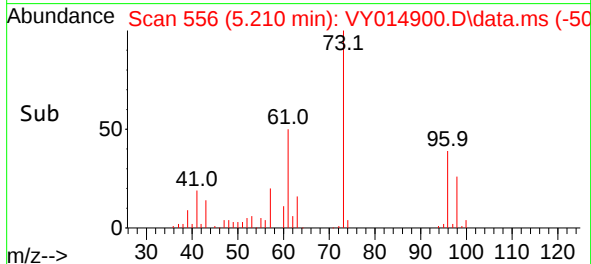
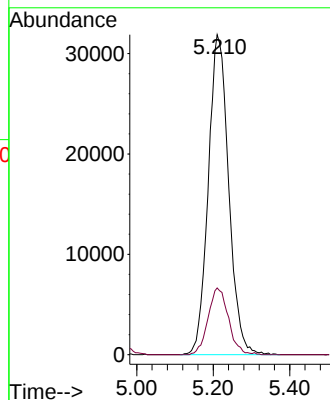
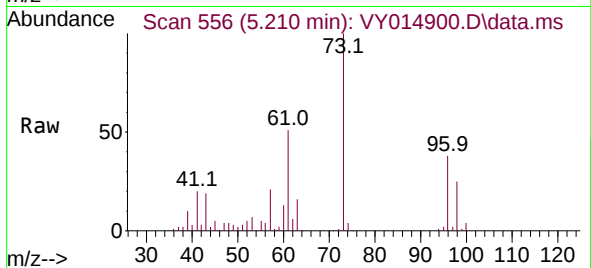
#19
Methyl tert-butyl Ether
Concen: 18.930 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS02

Tgt Ion: 73 Resp: 117962
Ion Ratio Lower Upper
73 100
57 20.9 17.3 25.9

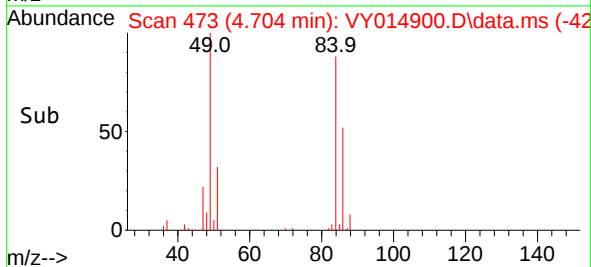
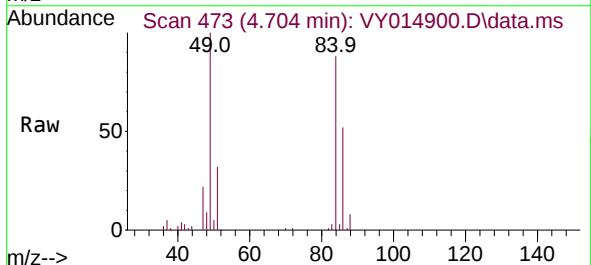
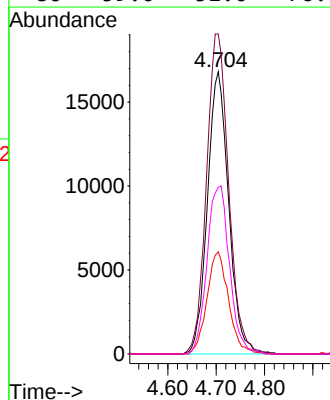
Manual Integrations
APPROVED

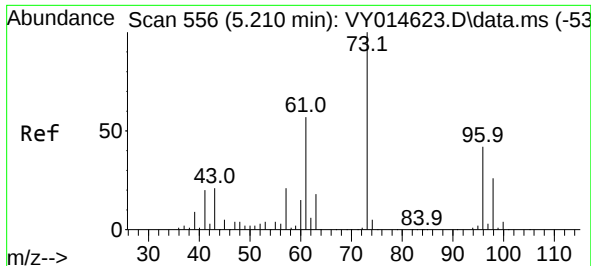
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#20
Methylene Chloride
Concen: 19.966 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

Tgt Ion: 84 Resp: 51424
Ion Ratio Lower Upper
84 100
49 113.3 106.9 160.3
51 36.2 33.2 49.8
86 59.0 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 17.785 ug/l

RT: 5.210 min Scan# 556

Delta R.T. 0.000 min

Lab File: VY014900.D

Acq: 28 Jul 2023 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS02

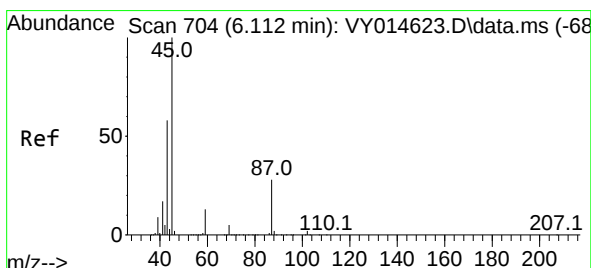
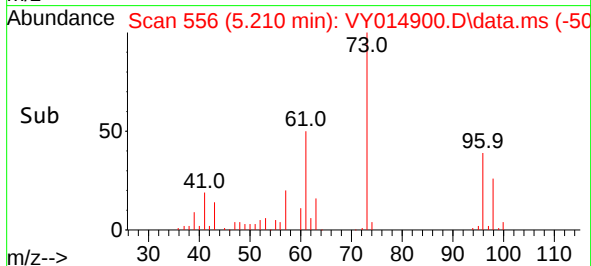
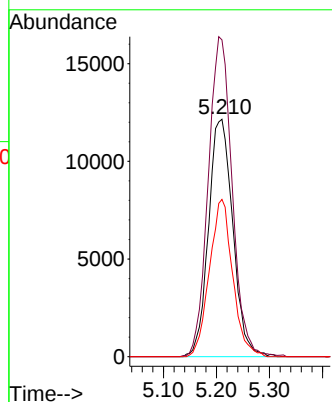
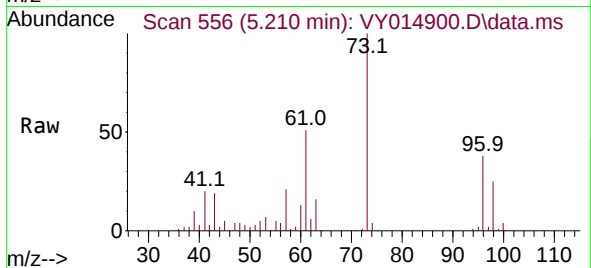
Tgt Ion:	96	Resp:	38719
Ion	Ratio	Lower	Upper
96	100		
61	133.5	110.2	165.4
98	66.3	51.8	77.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#22

Diisopropyl ether

Concen: 17.620 ug/l

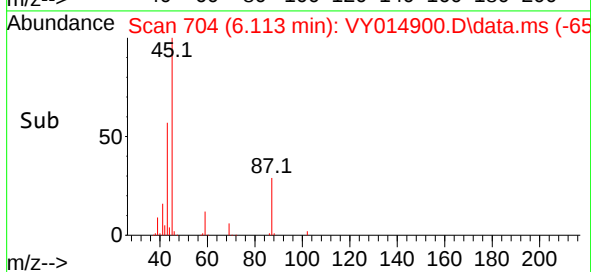
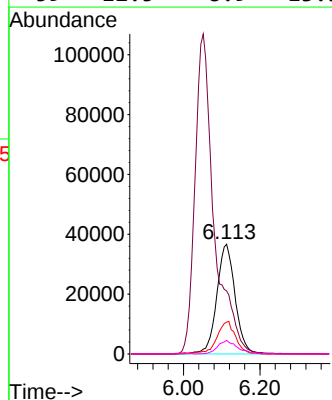
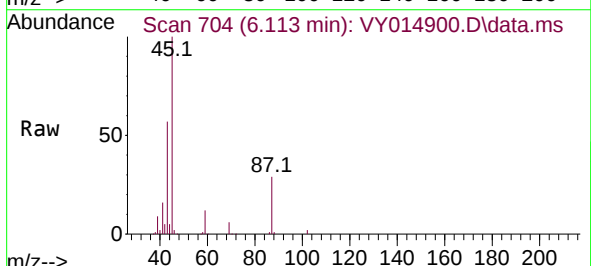
RT: 6.113 min Scan# 704

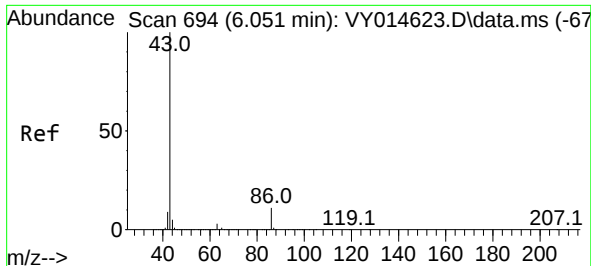
Delta R.T. 0.001 min

Lab File: VY014900.D

Acq: 28 Jul 2023 11:43

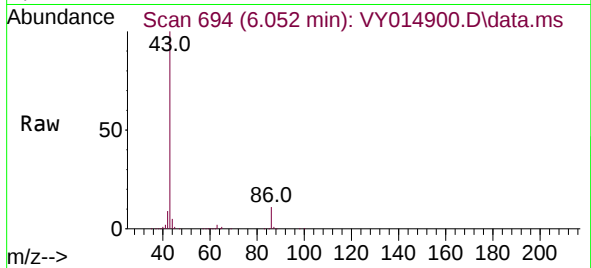
Tgt Ion:	45	Resp:	122016
Ion	Ratio	Lower	Upper
45	100		
43	56.9	52.2	78.4
87	29.1	21.0	31.6
59	12.5	8.9	13.3





#23
 Vinyl Acetate
 Concen: 89.322 ug/l
 RT: 6.052 min Scan# 694
 Delta R.T. 0.001 min
 Lab File: VY014900.D
 Acq: 28 Jul 2023 11:43

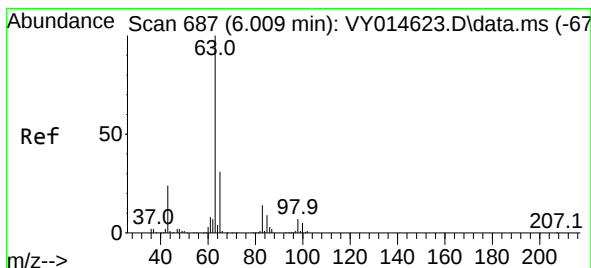
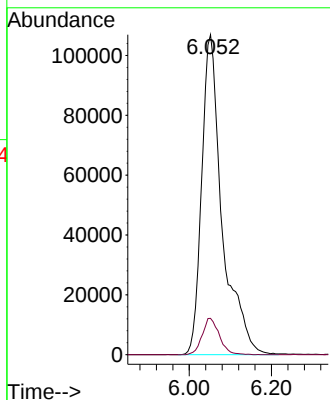
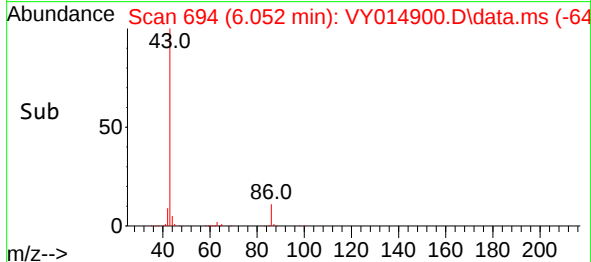
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0728SBS02



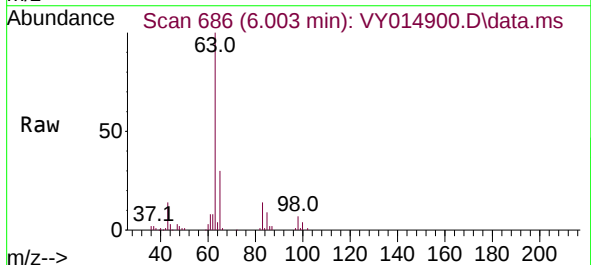
Tgt Ion: 43 Resp: 370158
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.5 11.3

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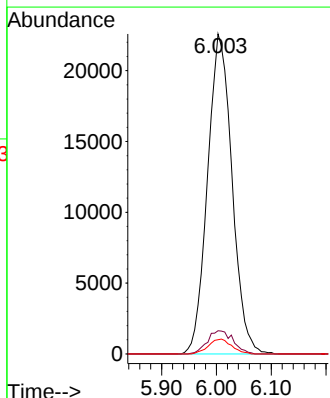
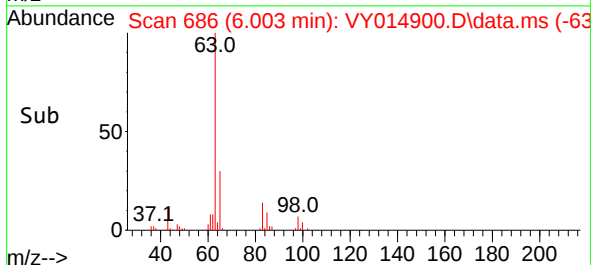
Reviewed By :John Carlone 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#24
 1,1-Dichloroethane
 Concen: 17.682 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.006 min
 Lab File: VY014900.D
 Acq: 28 Jul 2023 11:43



Tgt Ion: 63 Resp: 70063
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.1 9.4
 100 4.5 1.8 5.5





#25

2-Butanone

Concen: 102.144 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY014900.D

Acq: 28 Jul 2023 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS02

Tgt Ion: 43 Resp: 10512

Ion Ratio Lower Upper

43 100

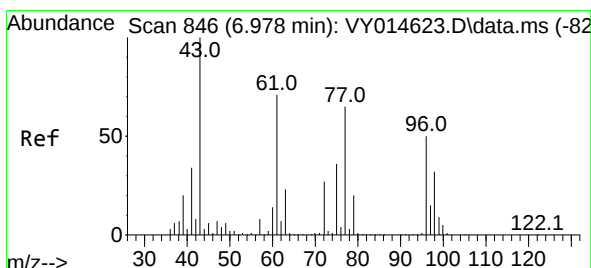
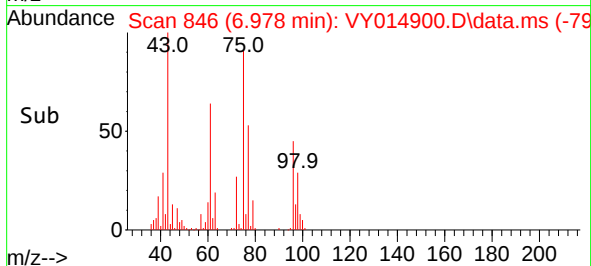
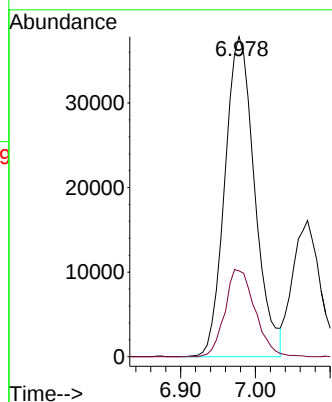
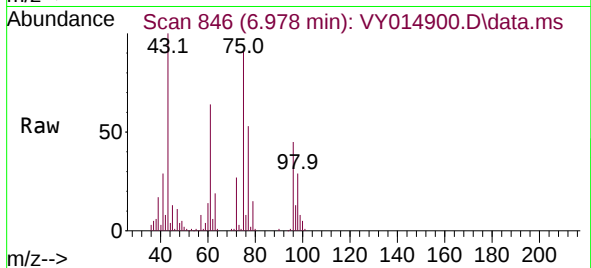
72 26.8 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#26

2,2-Dichloropropane

Concen: 16.957 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY014900.D

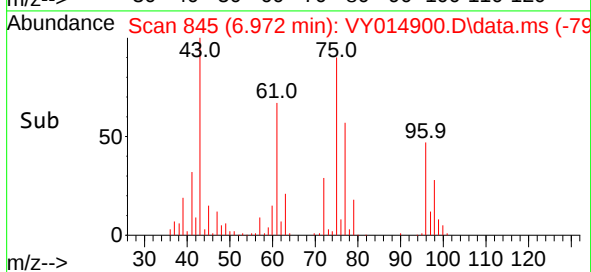
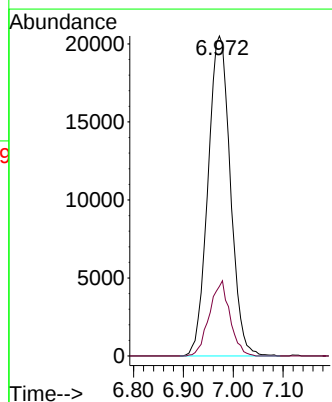
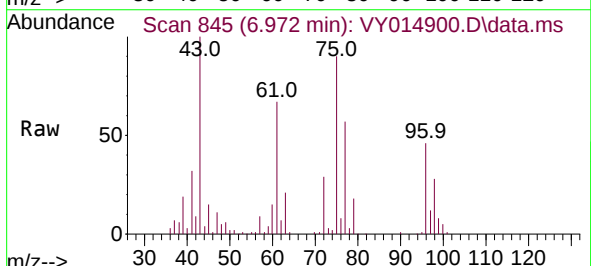
Acq: 28 Jul 2023 11:43

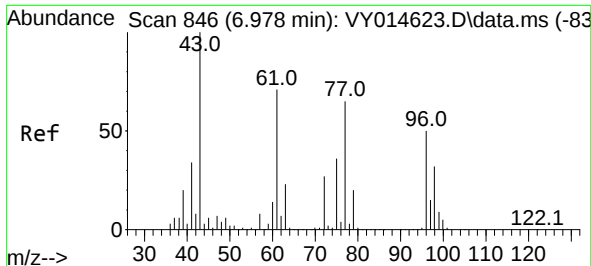
Tgt Ion: 77 Resp: 64034

Ion Ratio Lower Upper

77 100

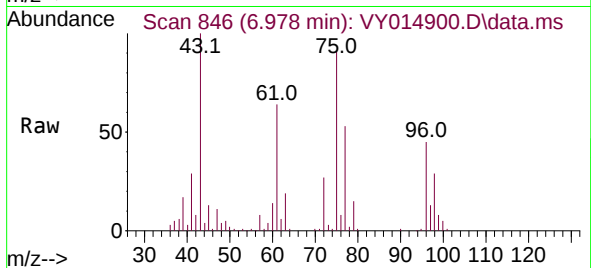
97 21.6 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 18.265 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY014900.D
 Acq: 28 Jul 2023 11:43

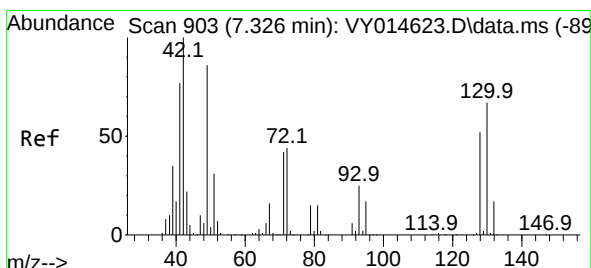
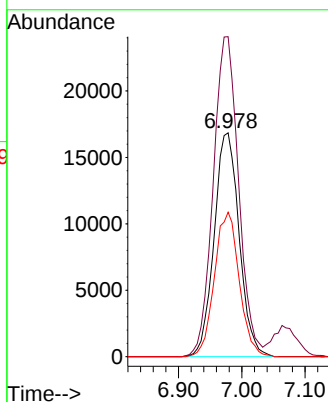
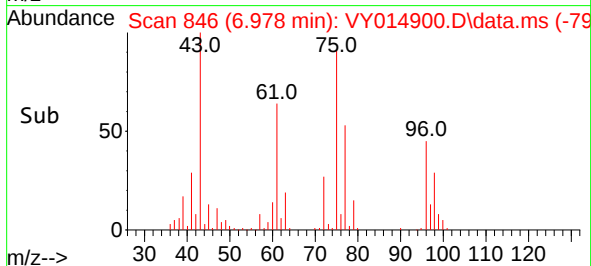
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0728SBS02



Tgt Ion: 96 Resp: 46285
 Ion Ratio Lower Upper
 96 100
 61 144.8 0.0 301.4
 98 63.9 0.0 130.4

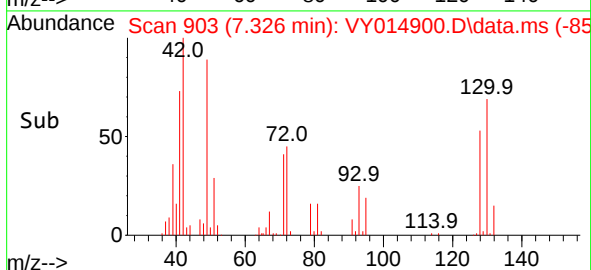
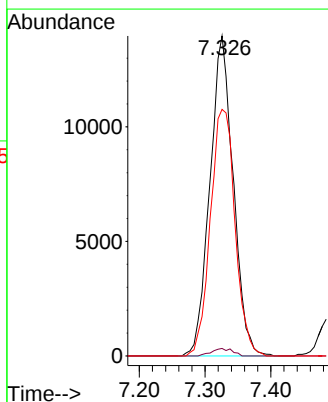
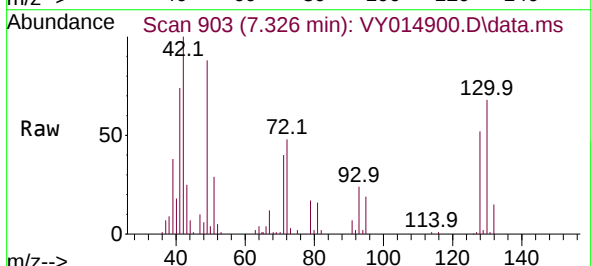
Manual Integrations
 APPROVED

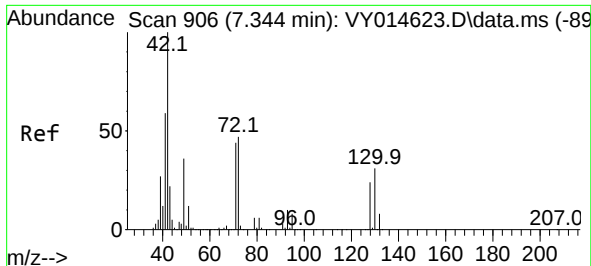
Reviewed By :John Carlone 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#28
 Bromochloromethane
 Concen: 20.192 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.000 min
 Lab File: VY014900.D
 Acq: 28 Jul 2023 11:43

Tgt Ion: 49 Resp: 34458
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 81.5 60.7 91.1





#29

Tetrahydrofuran

Concen: 101.757 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY014900.D

Acq: 28 Jul 2023 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS02

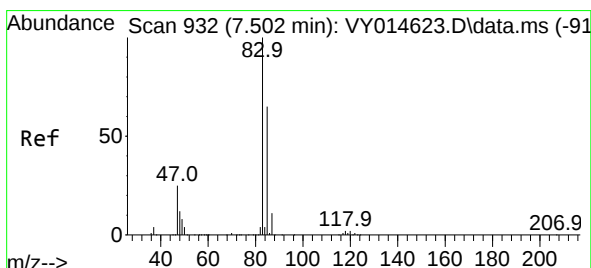
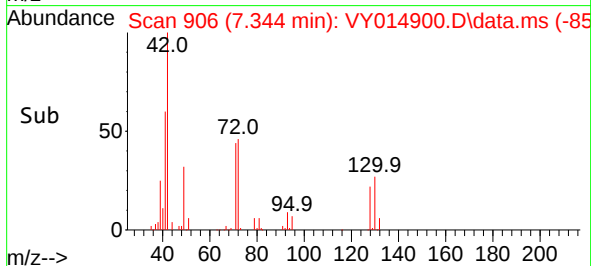
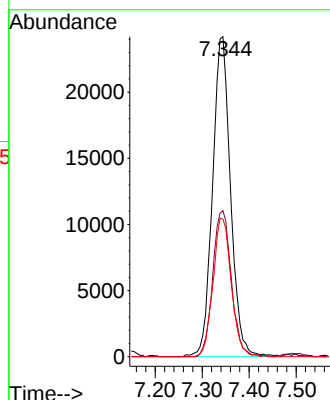
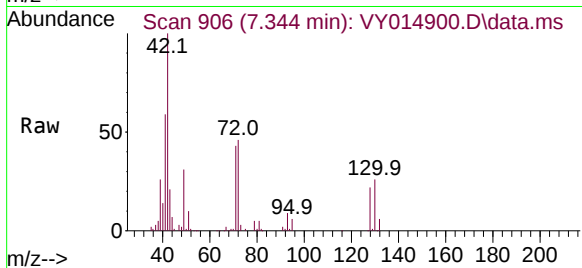
Tgt Ion:	42	Resp:	6448
Ion Ratio	Lower	Upper	
42	100		
72	46.9	32.8	49.2
71	43.8	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#30

Chloroform

Concen: 18.601 ug/l

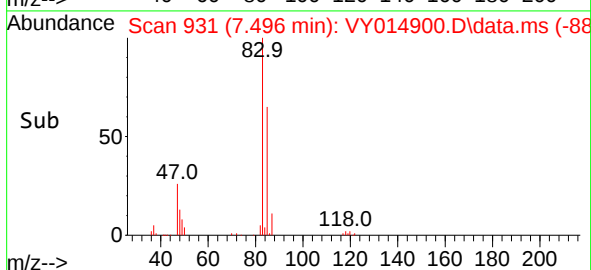
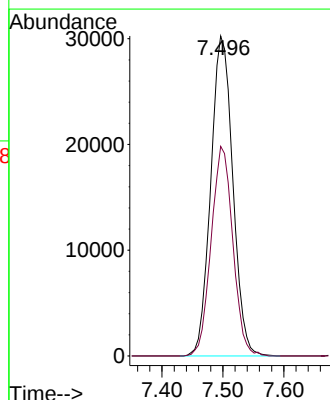
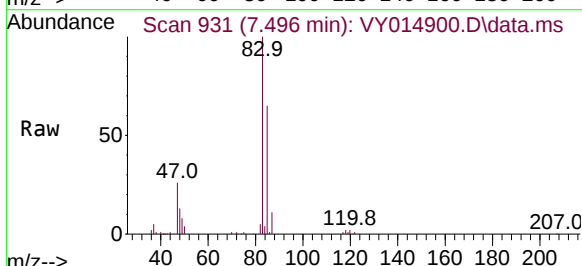
RT: 7.496 min Scan# 931

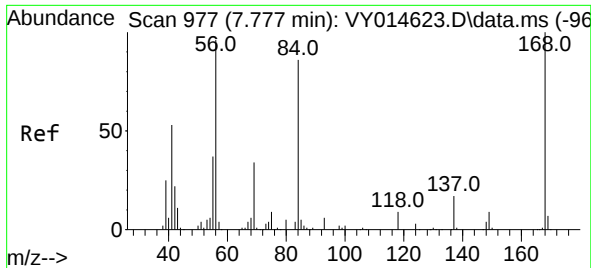
Delta R.T. -0.006 min

Lab File: VY014900.D

Acq: 28 Jul 2023 11:43

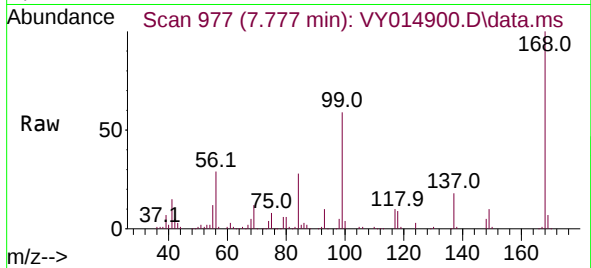
Tgt Ion:	83	Resp:	76005
Ion Ratio	Lower	Upper	
83	100		
85	65.5	49.7	74.5





#31
Cyclohexane
Concen: 16.337 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

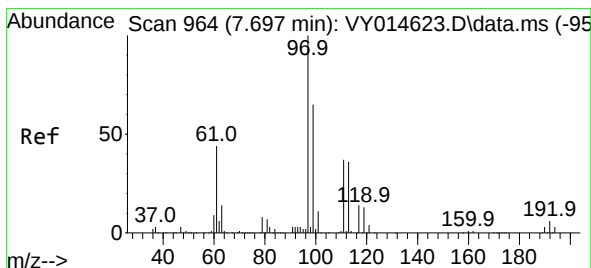
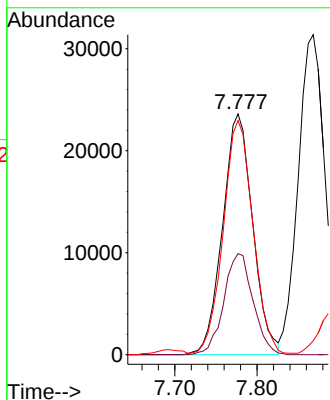
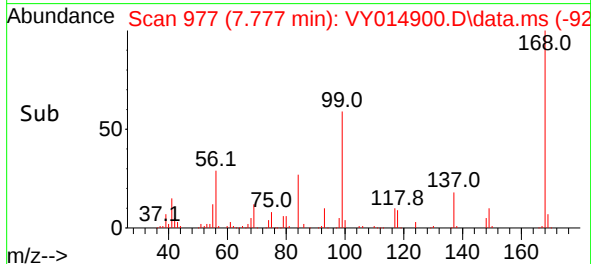
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS02



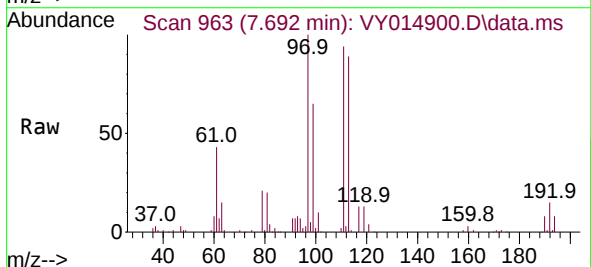
Tgt Ion: 56 Resp: 6020
Ion Ratio Lower Upper
56 100
69 42.0 27.8 41.6
84 95.6 66.4 99.6

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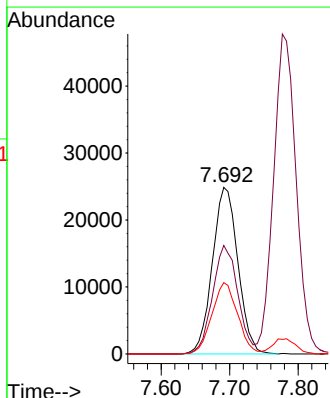
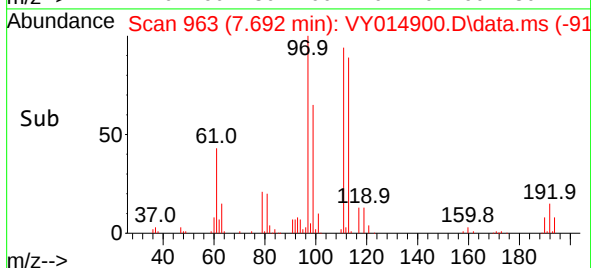
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#32
1,1,1-Trichloroethane
Concen: 17.466 ug/l
RT: 7.692 min Scan# 963
Delta R.T. -0.005 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43



Tgt Ion: 97 Resp: 64232
Ion Ratio Lower Upper
97 100
99 64.3 50.8 76.2
61 43.2 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 51.418 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY014900.D

Acq: 28 Jul 2023 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS02

Tgt Ion: 65 Resp: 11414

Ion Ratio Lower Upper

65 100

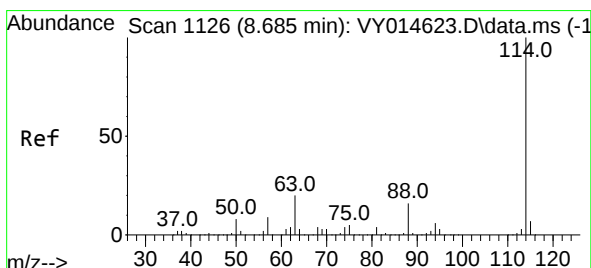
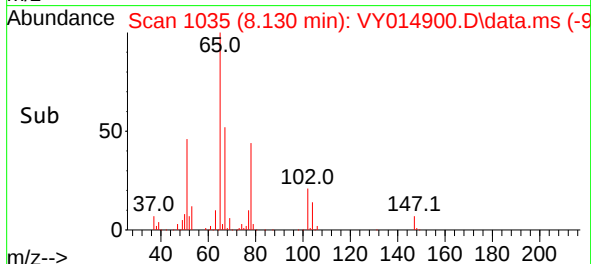
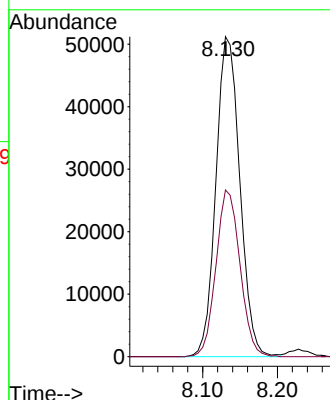
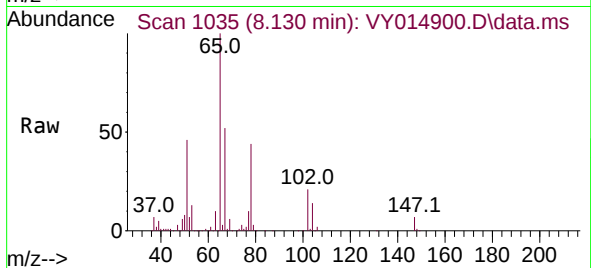
67 52.3 0.0 101.8

Manual Integrations

APPROVED

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: VY014900.D

Acq: 28 Jul 2023 11:43

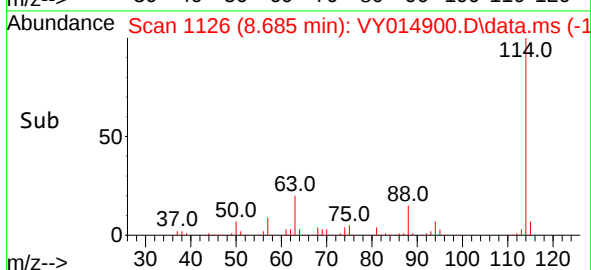
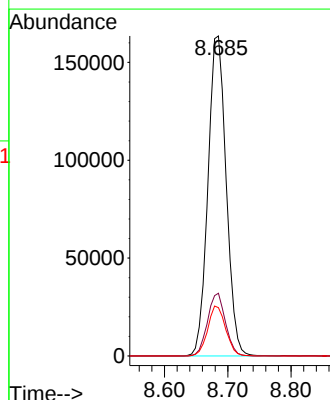
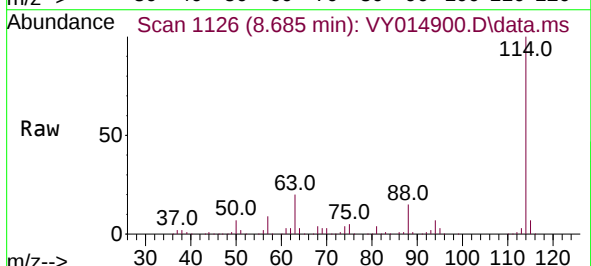
Tgt Ion:114 Resp: 327656

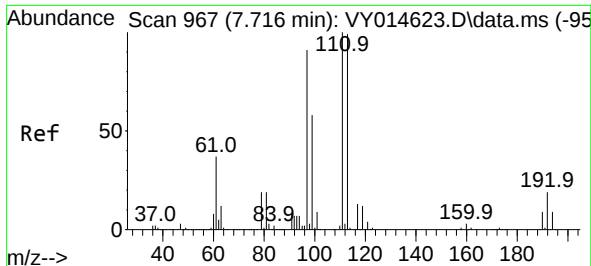
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

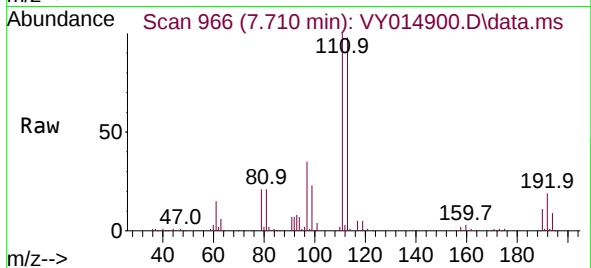
88 15.1 0.0 30.6





#35
Dibromofluoromethane
Concen: 49.492 ug/l
RT: 7.710 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

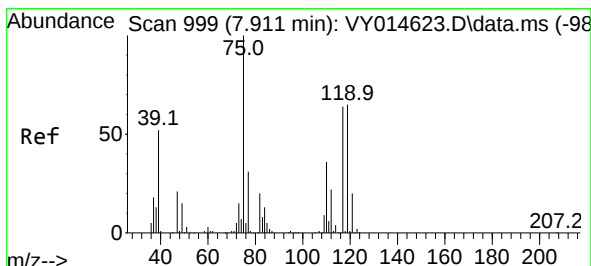
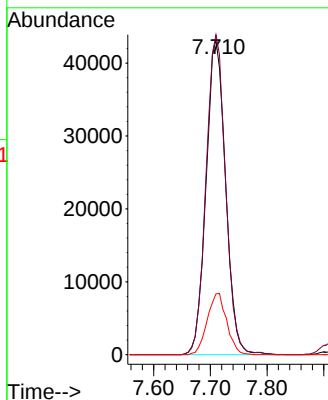
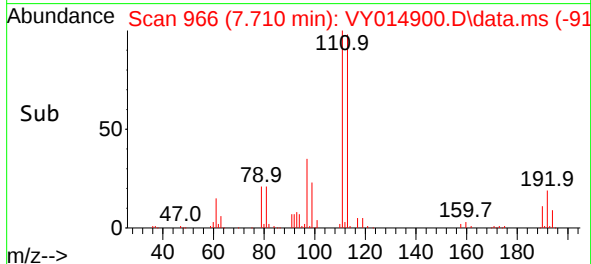
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS02



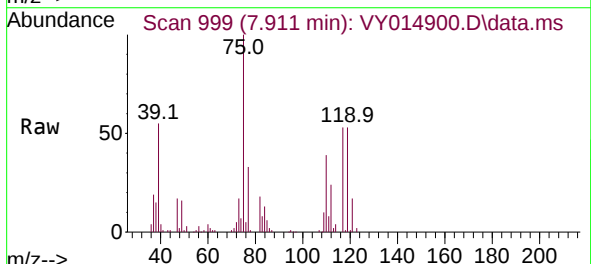
Tgt Ion: 113 Resp: 103229
Ion Ratio Lower Upper
113 100
111 101.8 81.3 121.9
192 19.4 16.9 25.3

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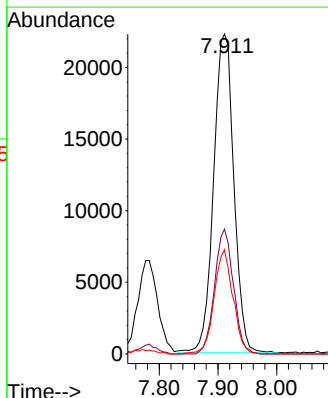
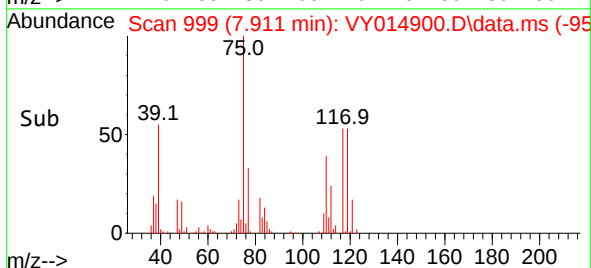
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#36
1,1-Dichloropropene
Concen: 17.101 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43



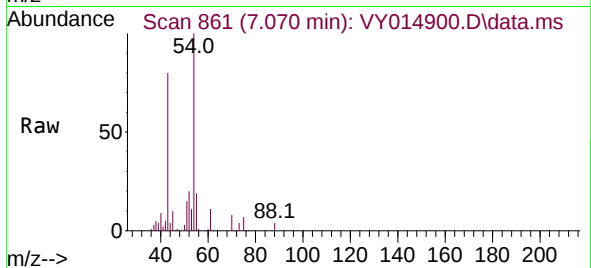
Tgt Ion: 75 Resp: 53343
Ion Ratio Lower Upper
75 100
110 36.4 17.8 53.5
77 30.5 24.4 36.6





#37
Ethyl Acetate
Concen: 19.324 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

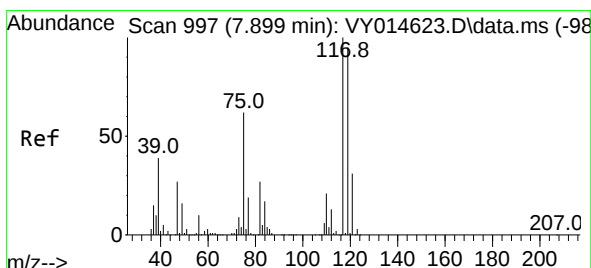
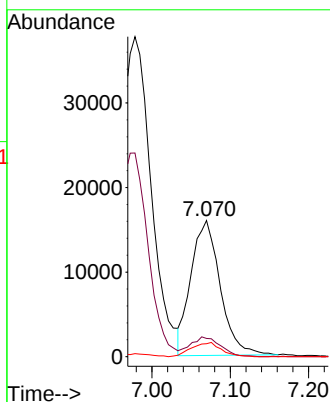
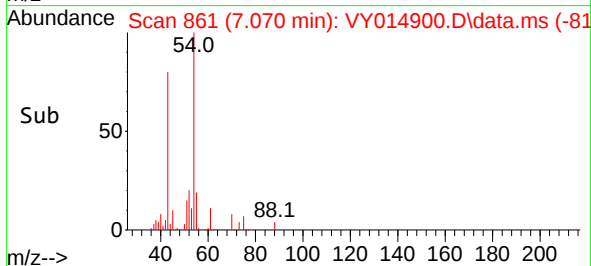
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS02



Tgt Ion: 43 Resp: 41499
Ion Ratio Lower Upper
43 100
61 15.1 10.1 15.1
70 10.7 7.1 10.7

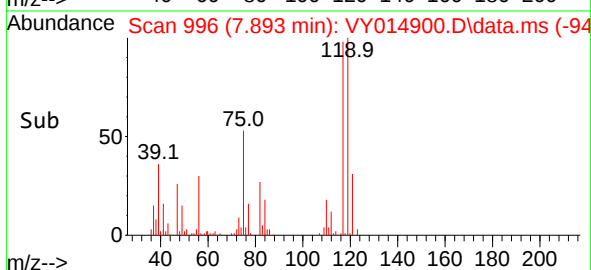
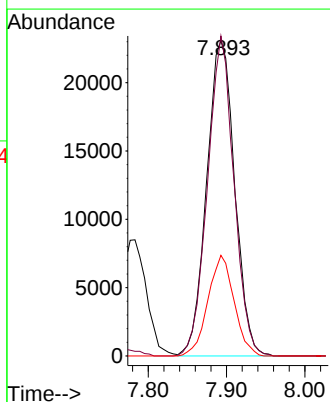
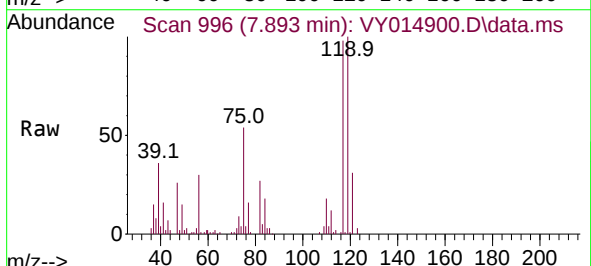
Manual Integrations
APPROVED

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



#38
Carbon Tetrachloride
Concen: 17.401 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

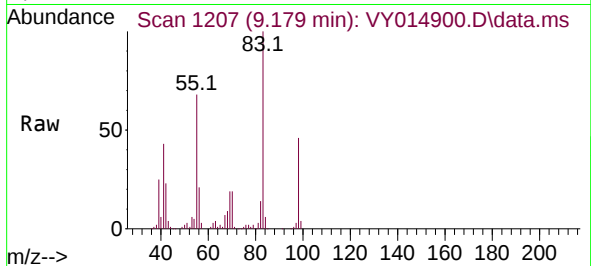
Tgt Ion:117 Resp: 57375
Ion Ratio Lower Upper
117 100
119 101.5 76.4 114.6
121 31.9 25.8 38.6





#39
Methylcyclohexane
Concen: 16.189 ug/l
RT: 9.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

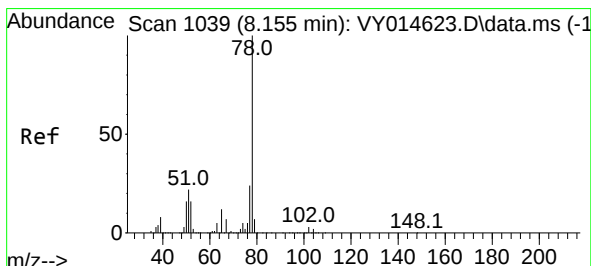
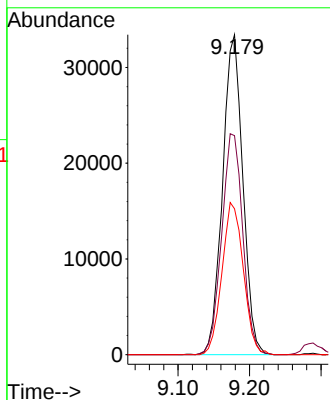
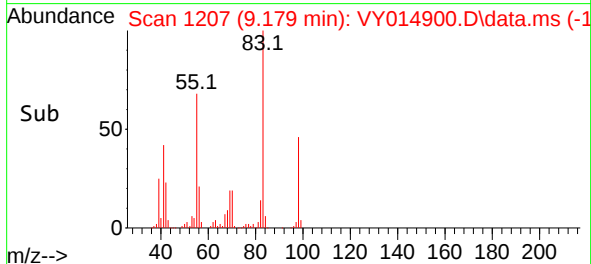
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS02



Tgt Ion: 83 Resp: 65780
Ion Ratio Lower Upper
83 100
55 68.5 63.0 94.4
98 45.6 37.4 56.2

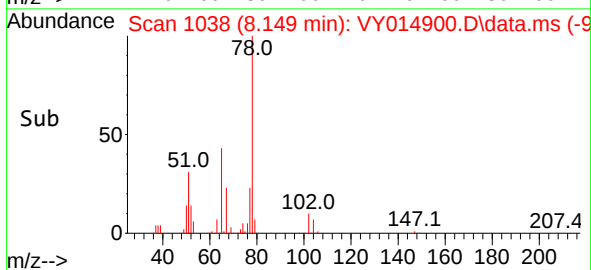
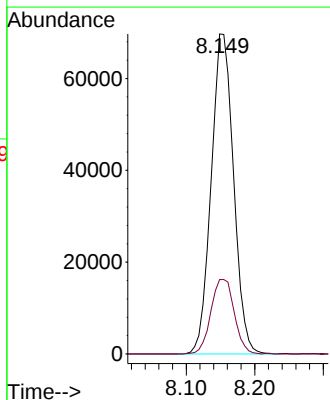
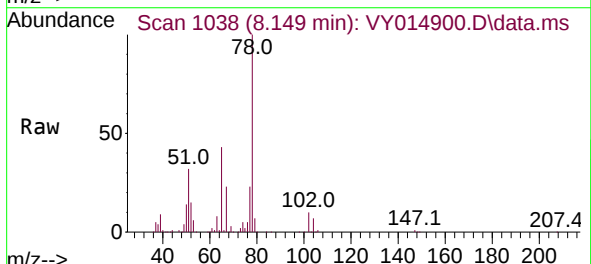
Manual Integrations
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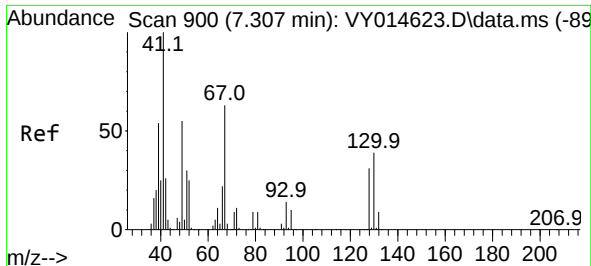
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#40
Benzene
Concen: 17.801 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

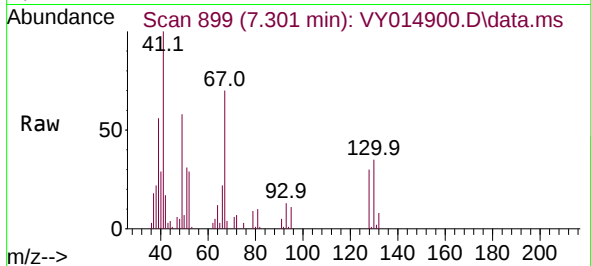
Tgt Ion: 78 Resp: 157916
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.6





#41
Methacrylonitrile
Concen: 19.195 ug/l m
RT: 7.301 min Scan# 89
Delta R.T. -0.006 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

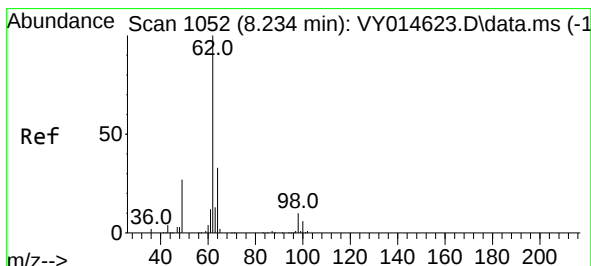
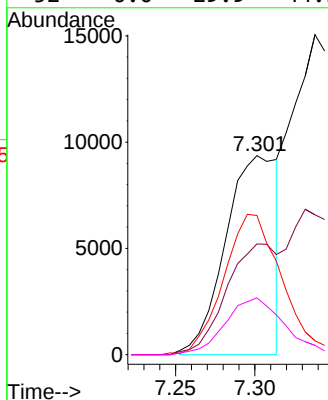
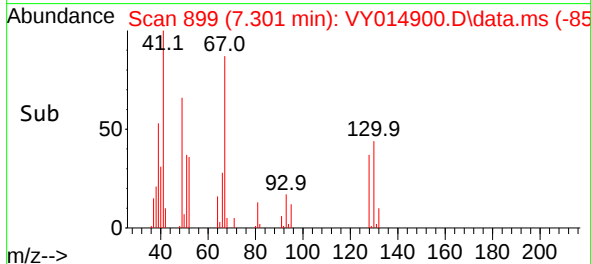
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS02



Tgt Ion:	41	Resp:	2120
Ion Ratio	100	Lower	Upper
41	100		
39	86.1	52.1	78.1
67	0.0	66.2	99.2
52	0.0	29.9	44.9

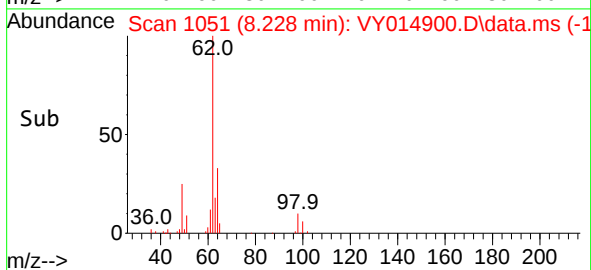
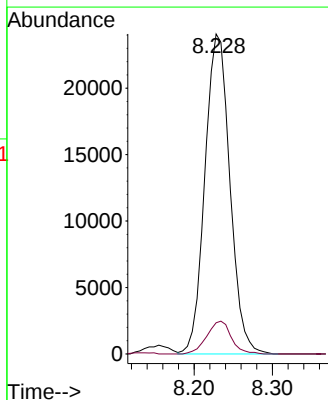
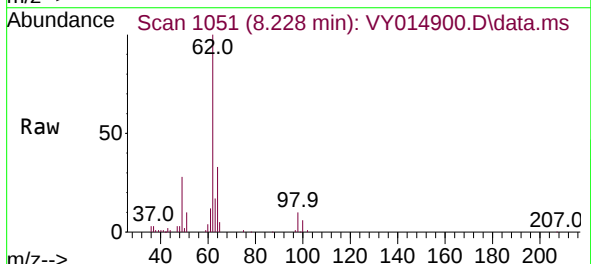
Manual Integrations
APPROVED

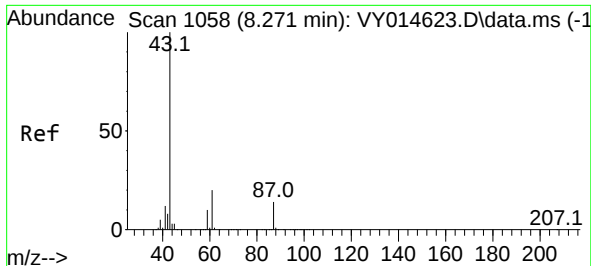
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#42
1,2-Dichloroethane
Concen: 18.996 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

Tgt Ion:	62	Resp:	53364
Ion Ratio	100	Lower	Upper
62	100		
98	10.1	0.0	15.8





#43

Isopropyl Acetate

Concen: 18.503 ug/l

RT: 8.265 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VY014900.D

Acq: 28 Jul 2023 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS02

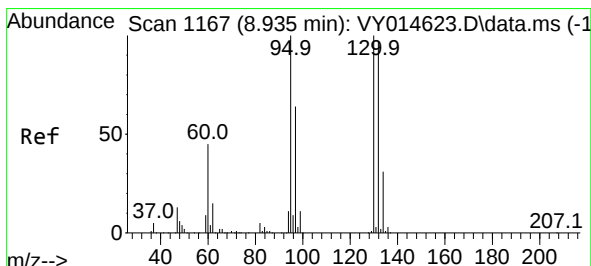
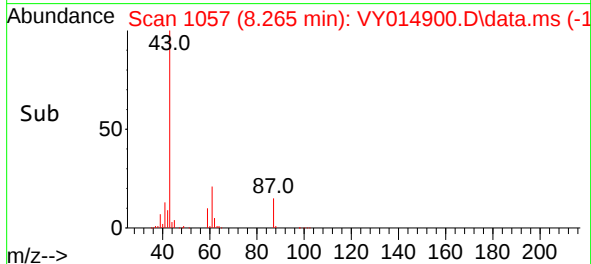
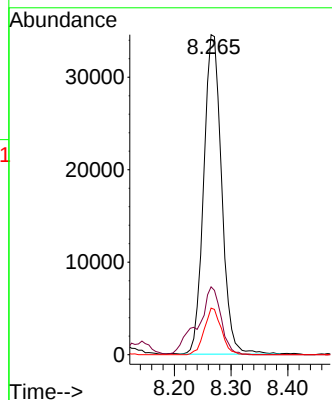
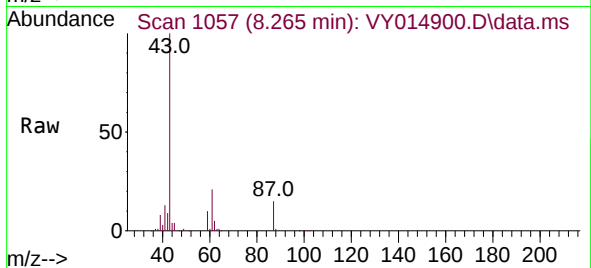
Tgt Ion: 43	Resp: 75694
Ion Ratio	Lower Upper
43 100	
61 27.6	21.1 31.7
87 13.9	9.8 14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#44

Trichloroethene

Concen: 17.997 ug/l

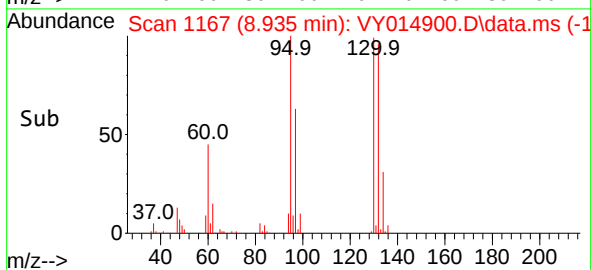
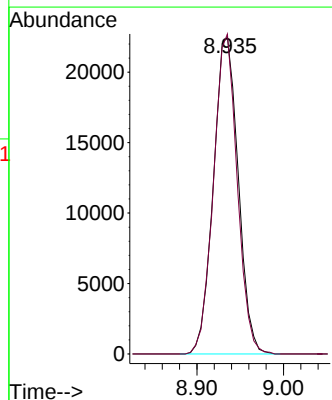
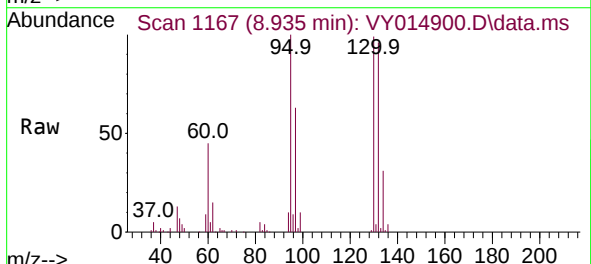
RT: 8.935 min Scan# 1167

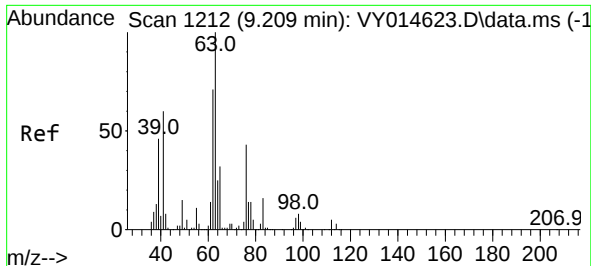
Delta R.T. 0.000 min

Lab File: VY014900.D

Acq: 28 Jul 2023 11:43

Tgt Ion:130	Resp: 44669
Ion Ratio	Lower Upper
130 100	
95 101.0	0.0 196.0





#45

1,2-Dichloropropane

Concen: 17.528 ug/l

RT: 9.210 min Scan# 1212

Delta R.T. 0.001 min

Lab File: VY014900.D

Acq: 28 Jul 2023 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS02

Tgt Ion: 63 Resp: 4060

Ion Ratio Lower Upper

63 100

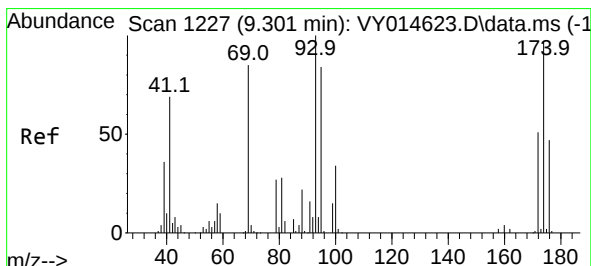
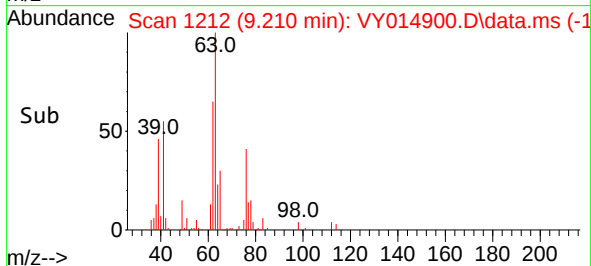
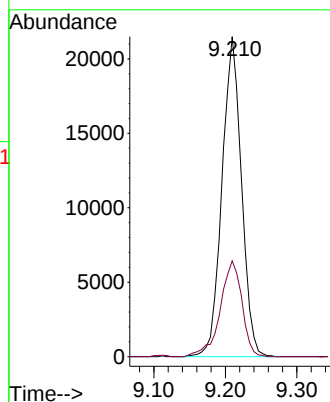
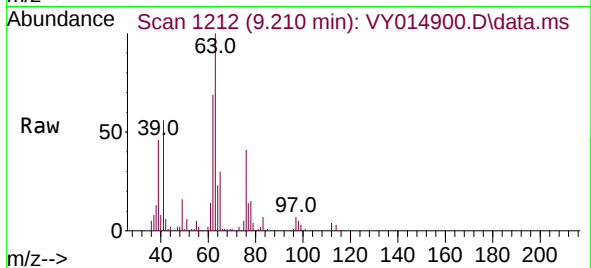
65 30.0 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#46

Dibromomethane

Concen: 19.128 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY014900.D

Acq: 28 Jul 2023 11:43

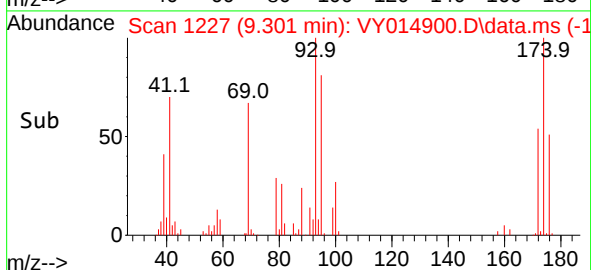
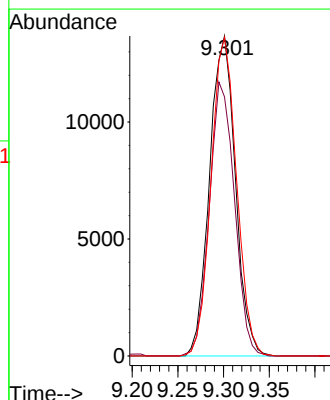
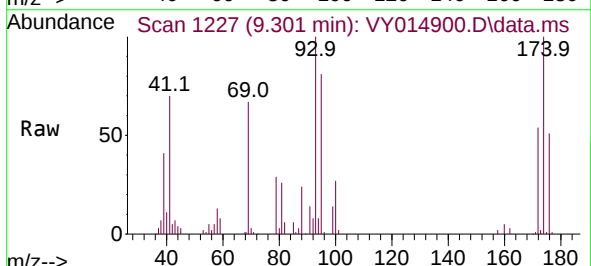
Tgt Ion: 93 Resp: 26881

Ion Ratio Lower Upper

93 100

95 83.2 66.6 100.0

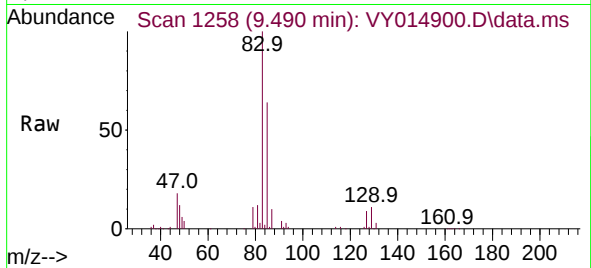
174 98.3 84.8 127.2





#47
Bromodichloromethane
Concen: 17.879 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

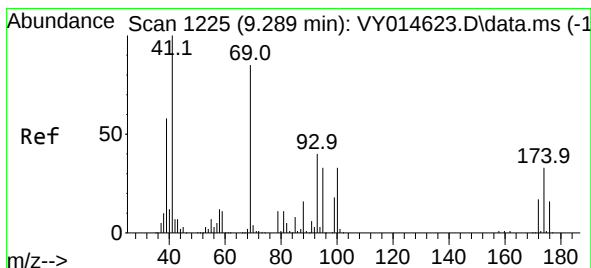
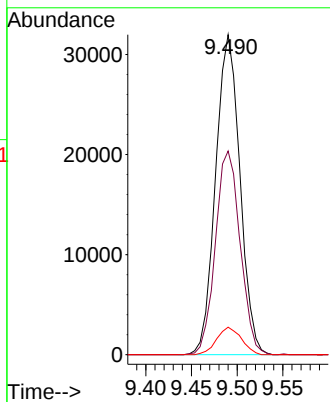
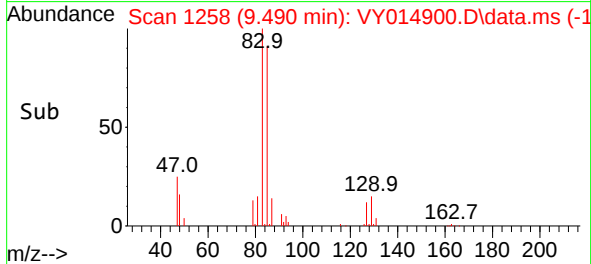
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS02



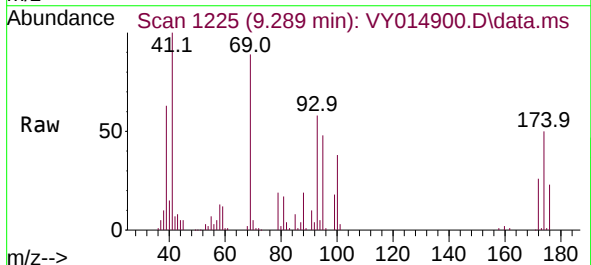
Tgt Ion: 83 Resp: 59210
Ion Ratio Lower Upper
83 100
85 63.7 50.1 75.1
127 8.6 7.1 10.7

Manual Integrations
APPROVED

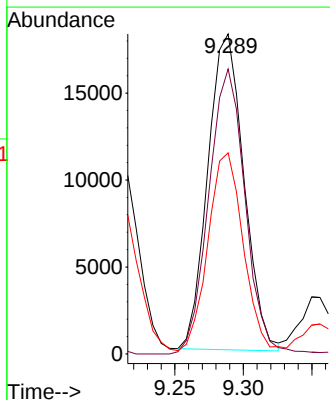
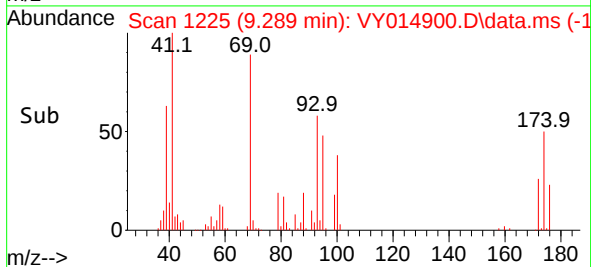
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

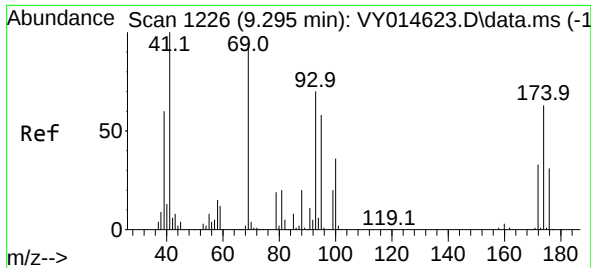


#48
Methyl methacrylate
Concen: 18.047 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43



Tgt Ion: 41 Resp: 33221
Ion Ratio Lower Upper
41 100
69 91.5 64.5 96.7
39 63.5 50.8 76.2





#49

1,4-Dioxane

Concen: 419.079 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY014900.D

Acq: 28 Jul 2023 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS02

Tgt Ion: 88 Resp: 960

Ion Ratio Lower Upper

88 100

43 30.2 0.0 0.0

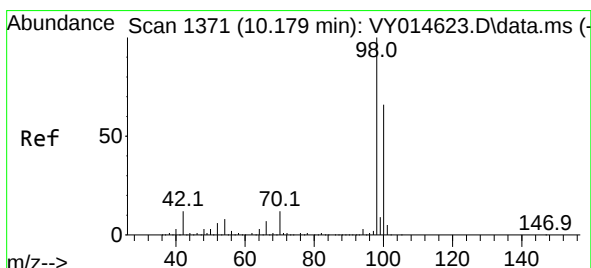
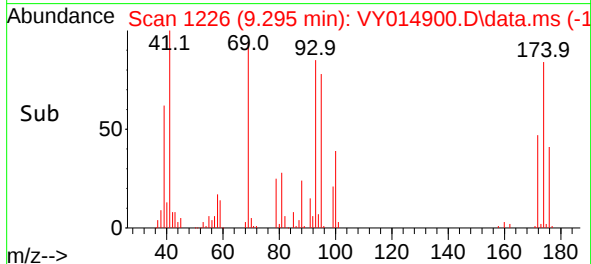
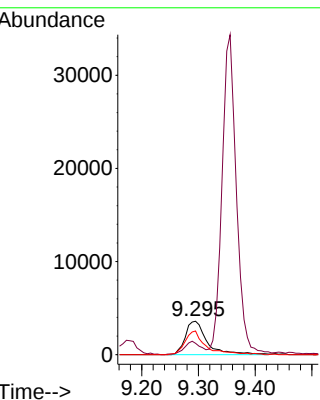
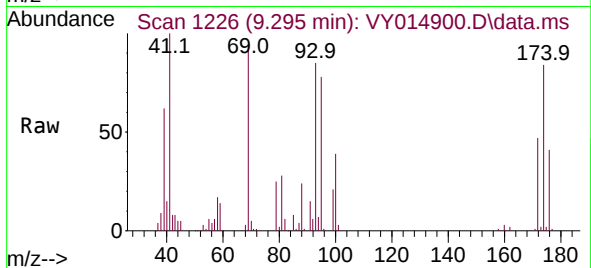
58 68.1 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#50

Toluene-d8

Concen: 47.577 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY014900.D

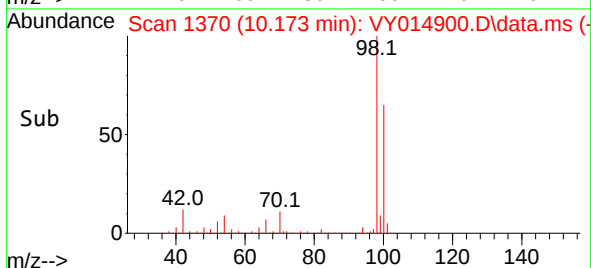
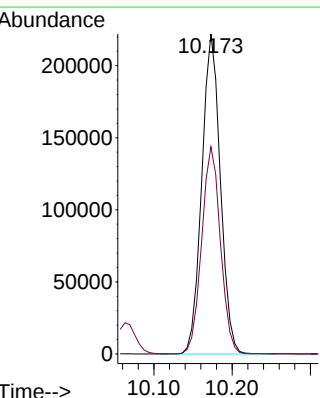
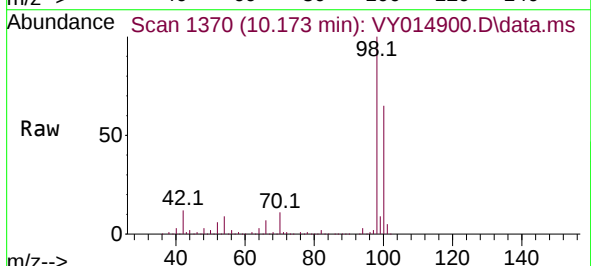
Acq: 28 Jul 2023 11:43

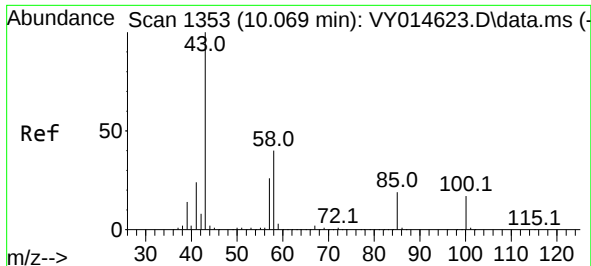
Tgt Ion: 98 Resp: 365858

Ion Ratio Lower Upper

98 100

100 65.3 50.1 75.1





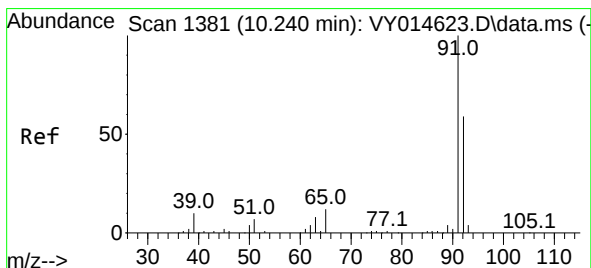
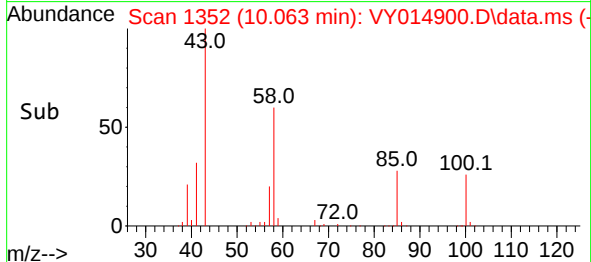
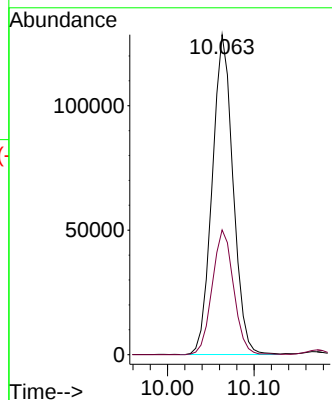
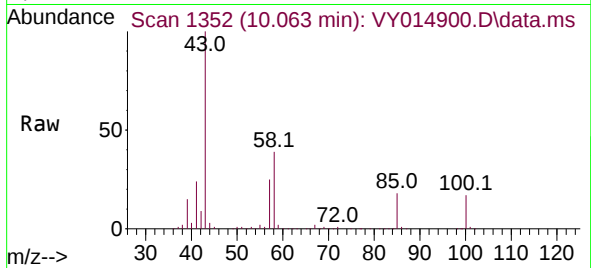
#51
4-Methyl-2-Pentanone
Concen: 99.943 ug/l
RT: 10.063 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS02

Tgt Ion: 43 Resp: 214669
Ion Ratio Lower Upper
43 100
58 40.1 29.0 43.6

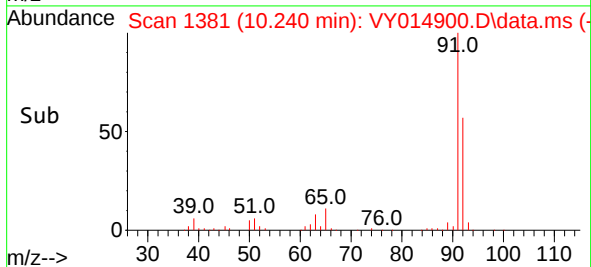
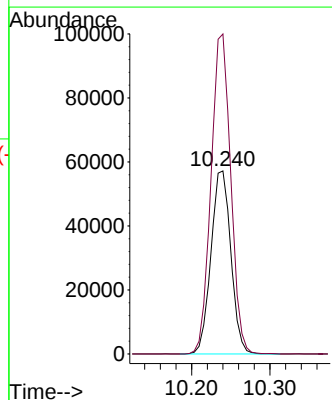
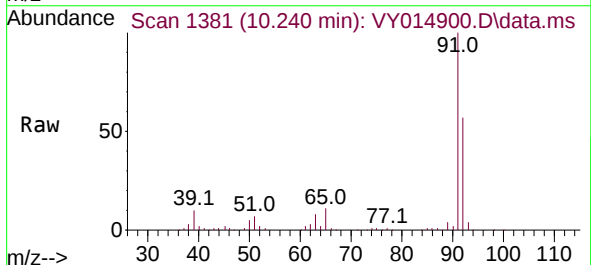
Manual Integrations
APPROVED

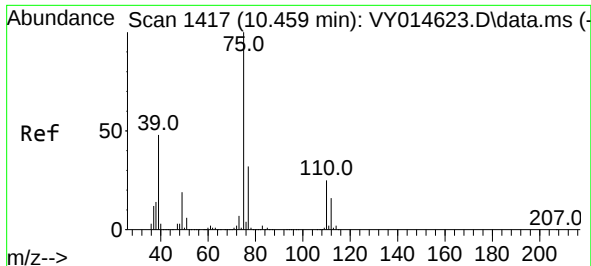
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#52
Toluene
Concen: 17.754 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

Tgt Ion: 92 Resp: 100782
Ion Ratio Lower Upper
92 100
91 173.3 143.8 215.6





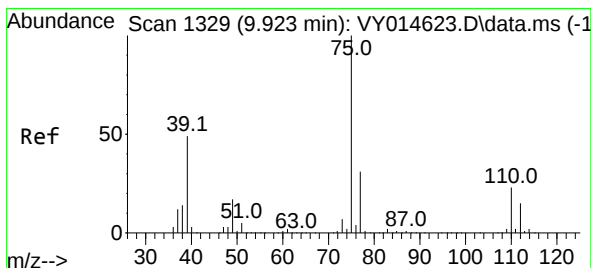
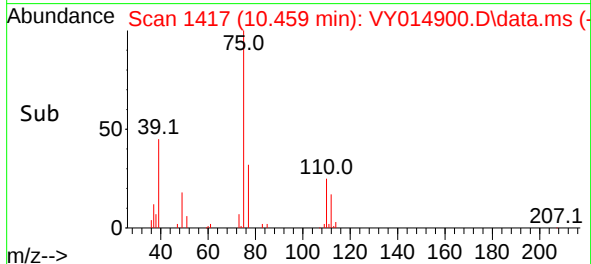
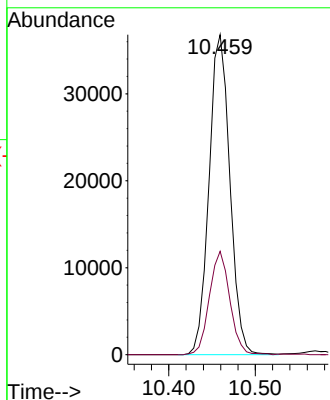
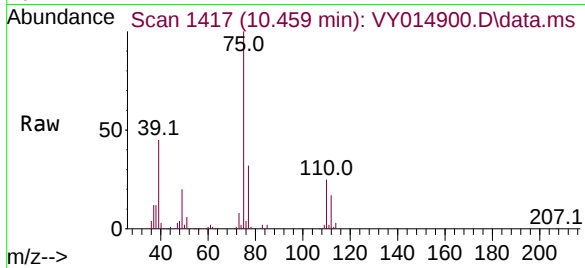
#53
t-1,3-Dichloropropene
Concen: 16.998 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS02

Tgt Ion: 75 Resp: 61584
Ion Ratio Lower Upper
75 100
77 32.3 25.0 37.4

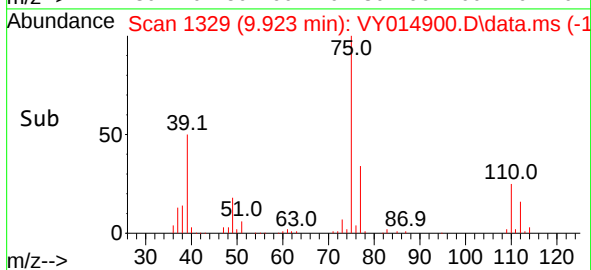
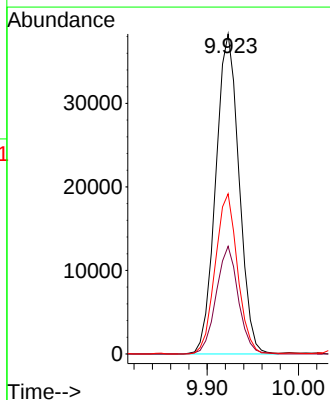
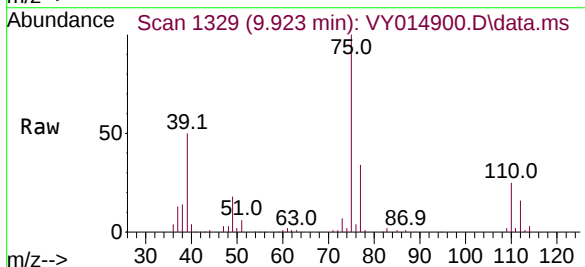
Manual Integrations
APPROVED

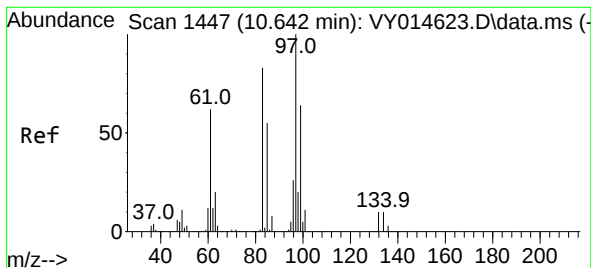
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#54
cis-1,3-Dichloropropene
Concen: 17.229 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

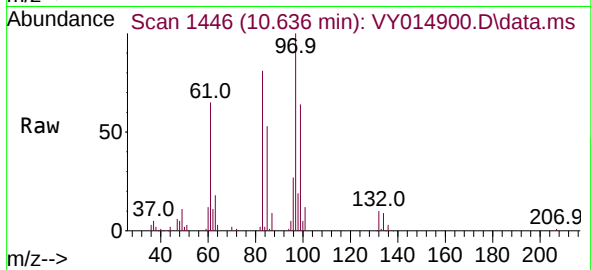
Tgt Ion: 75 Resp: 67881
Ion Ratio Lower Upper
75 100
77 33.7 24.2 36.4
39 50.1 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 19.088 ug/l
RT: 10.636 min Scan# 1446
Delta R.T. -0.006 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

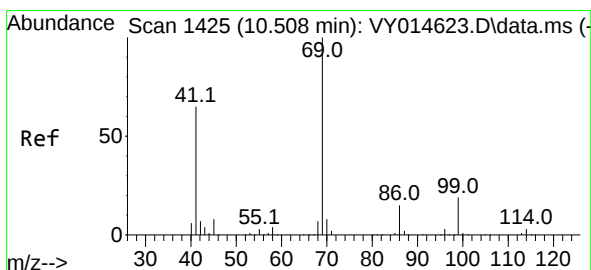
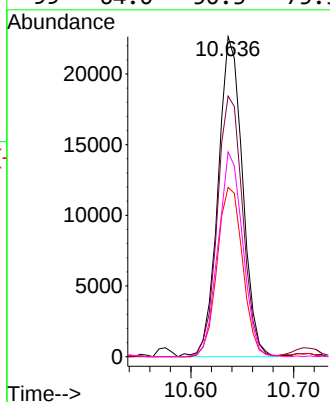
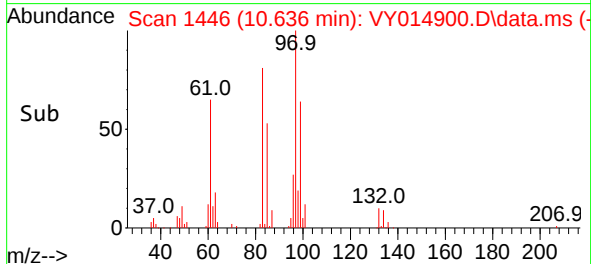
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS02



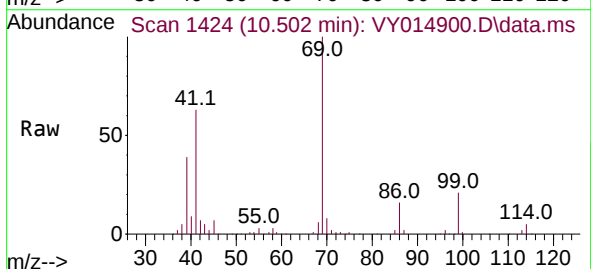
Tgt Ion: 97	Resp: 3736
Ion Ratio	Lower Upper
97 100	
83 81.4	72.0 108.0
85 52.9	45.4 68.0
99 64.0	50.3 75.5

Manual Integrations
APPROVED

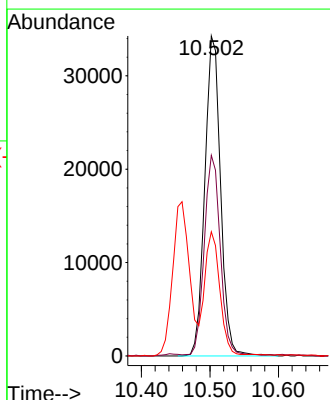
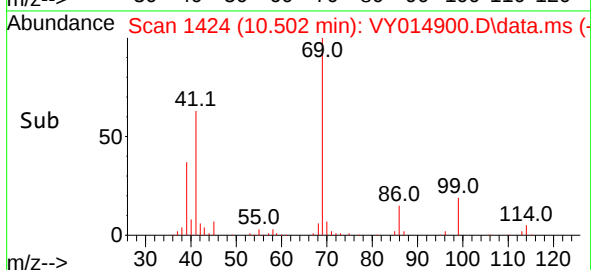
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

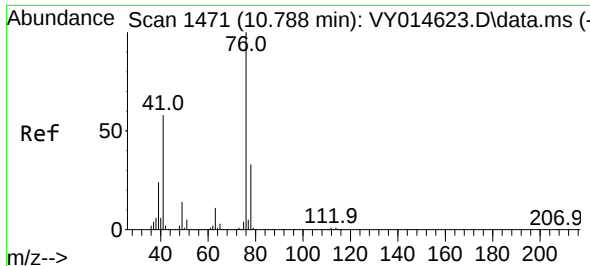


#56
Ethyl methacrylate
Concen: 18.405 ug/l
RT: 10.502 min Scan# 1424
Delta R.T. -0.006 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43



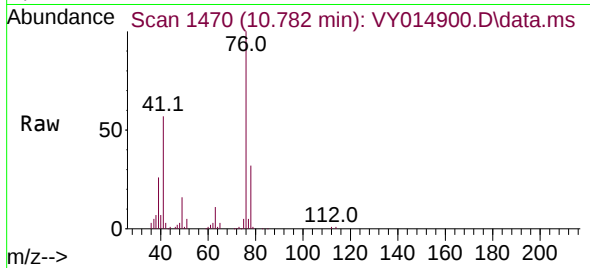
Tgt Ion: 69	Resp: 55009
Ion Ratio	Lower Upper
69 100	
41 62.8	57.6 86.4
39 36.0	34.1 51.1





#57
1,3-Dichloropropane
Concen: 18.763 ug/l
RT: 10.782 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

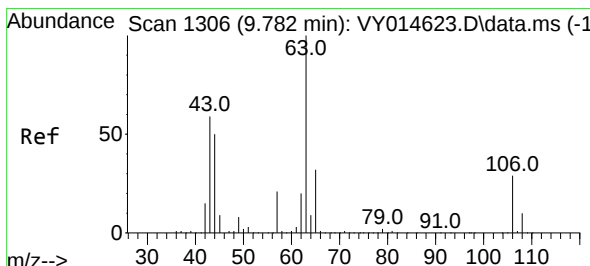
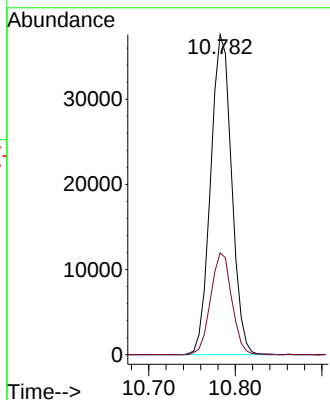
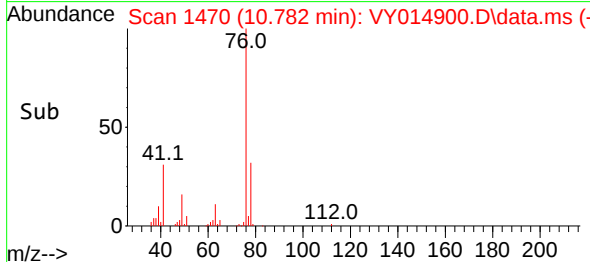
Instrument : MSVOA_Y
ClientSampleId : VY0728SBS02



Tgt Ion: 76 Resp: 63349
Ion Ratio Lower Upper
76 100
78 32.0 25.3 37.9

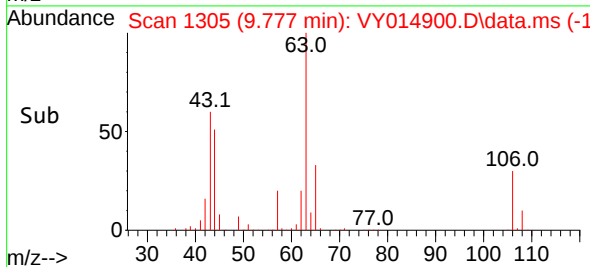
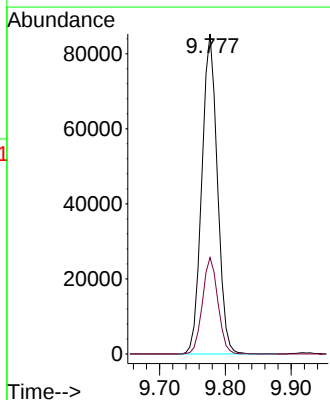
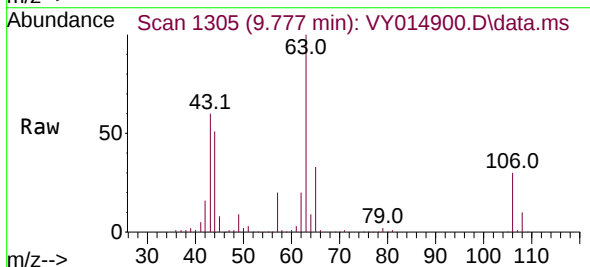
Manual Integrations
APPROVED

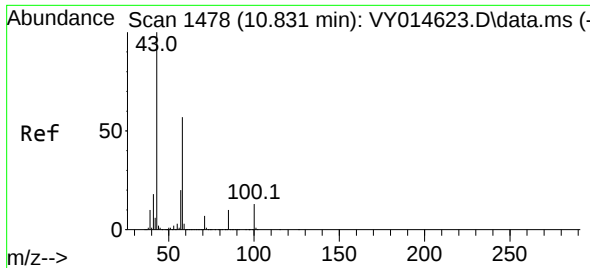
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#58
2-Chloroethyl Vinyl ether
Concen: 100.762 ug/l
RT: 9.777 min Scan# 1305
Delta R.T. -0.005 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

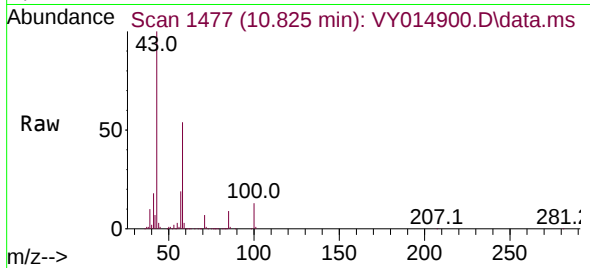
Tgt Ion: 63 Resp: 140323
Ion Ratio Lower Upper
63 100
106 29.8 21.2 31.8





#59
2-Hexanone
Concen: 101.262 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

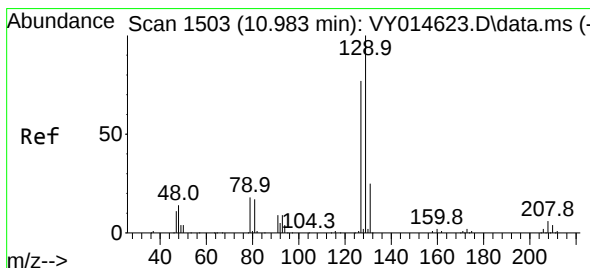
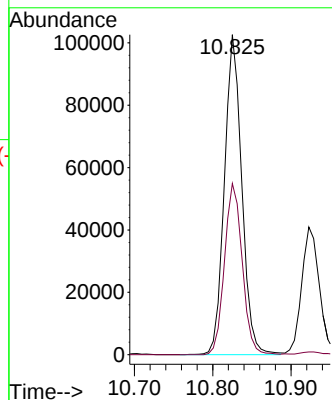
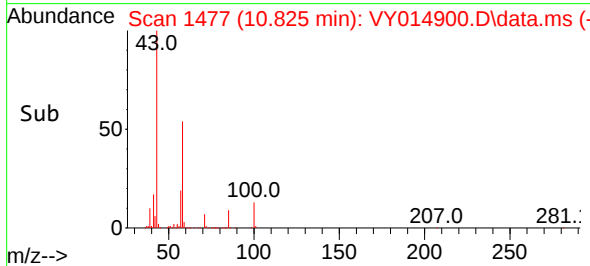
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS02



Tgt Ion: 43 Resp: 15861
Ion Ratio Lower Upper
43 100
58 54.5 25.1 75.3

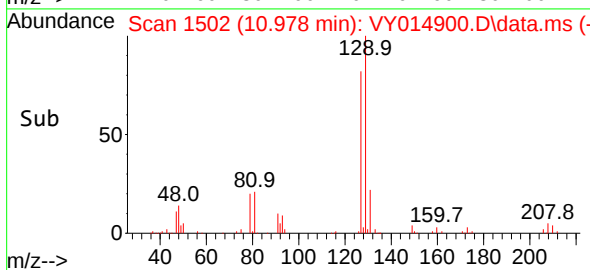
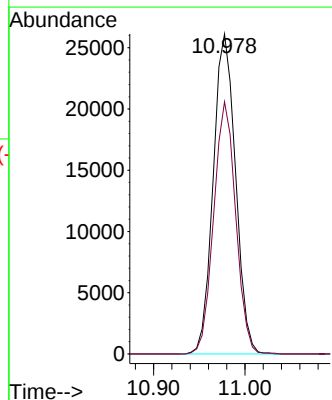
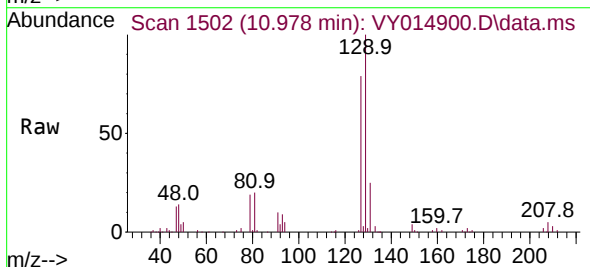
Manual Integrations
APPROVED

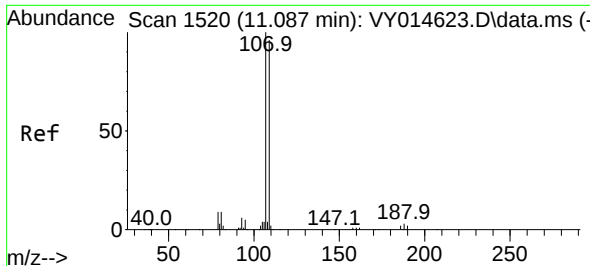
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#60
Dibromochloromethane
Concen: 18.449 ug/l
RT: 10.978 min Scan# 1502
Delta R.T. -0.005 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

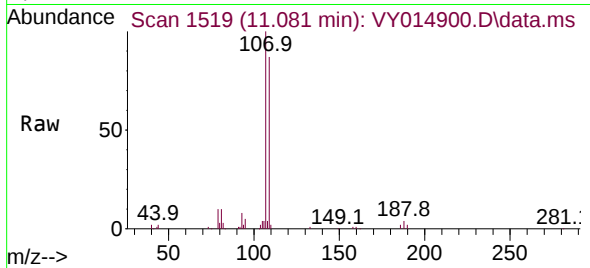
Tgt Ion:129 Resp: 44278
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.5





#61
1,2-Dibromoethane
Concen: 19.051 ug/l
RT: 11.081 min Scan# 1519
Delta R.T. -0.006 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

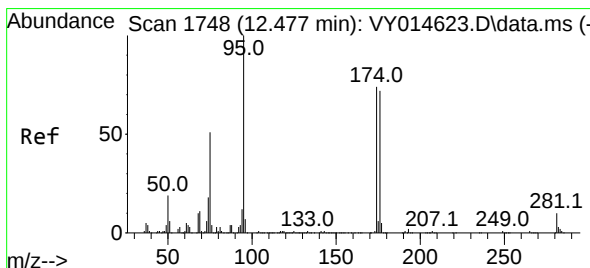
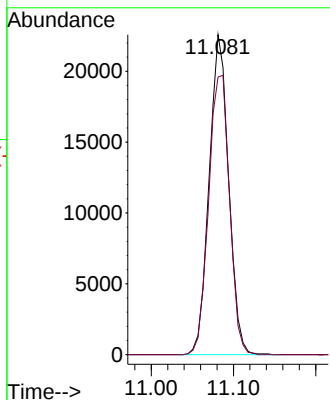
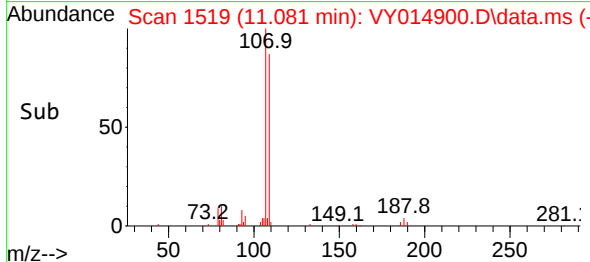
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS02



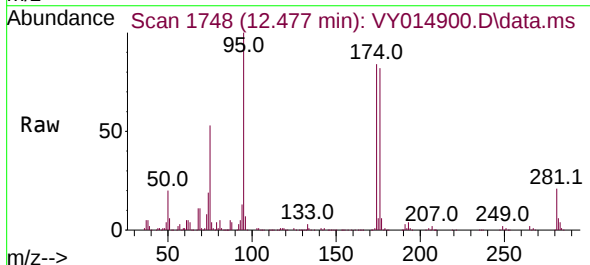
Tgt Ion:107 Resp: 37204
Ion Ratio Lower Upper
107 100
109 93.6 75.6 113.4

Manual Integrations
APPROVED

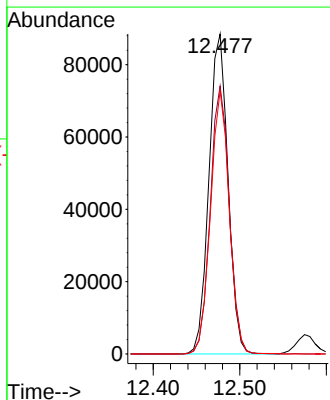
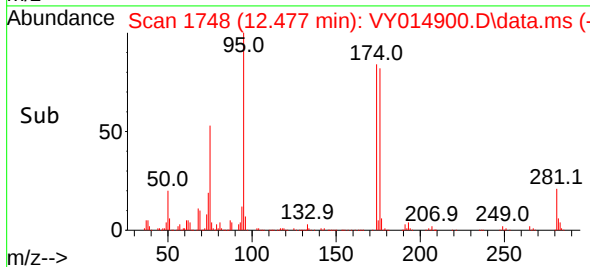
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

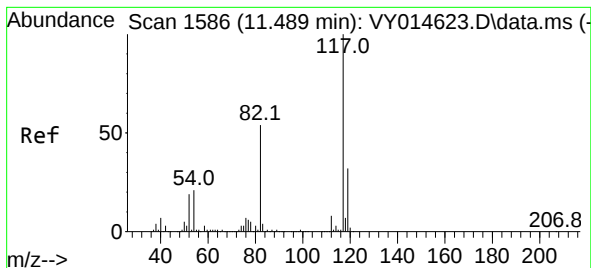


#62
4-Bromofluorobenzene
Concen: 45.864 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43



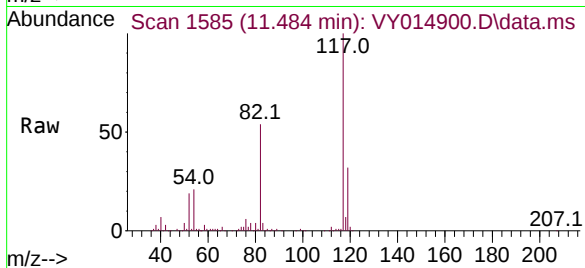
Tgt Ion: 95 Resp: 135234
Ion Ratio Lower Upper
95 100
174 83.6 0.0 178.2
176 80.8 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.484 min Scan# 1158
Delta R.T. -0.005 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

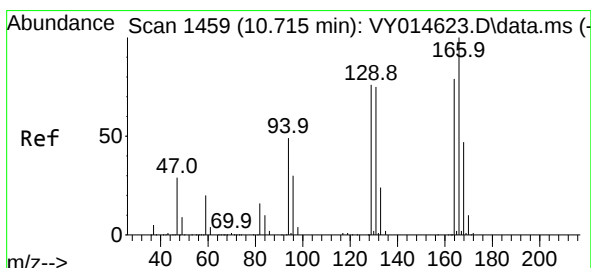
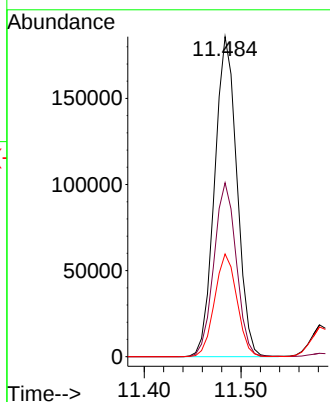
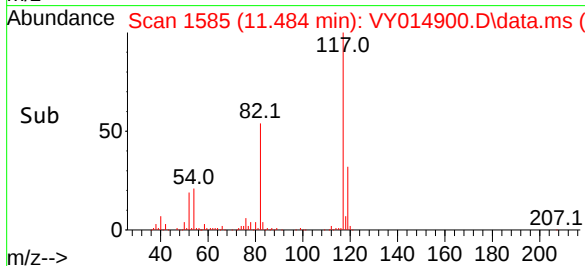
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS02



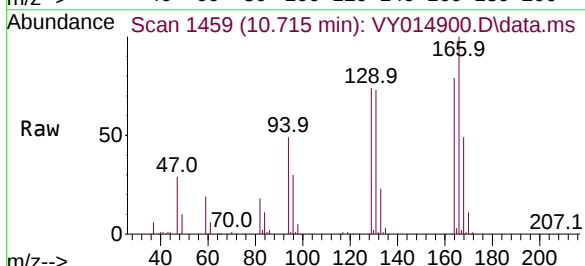
Tgt Ion:117 Resp: 297490
Ion Ratio Lower Upper
117 100
82 54.4 43.4 65.0
119 32.1 26.3 39.5

Manual Integrations
APPROVED

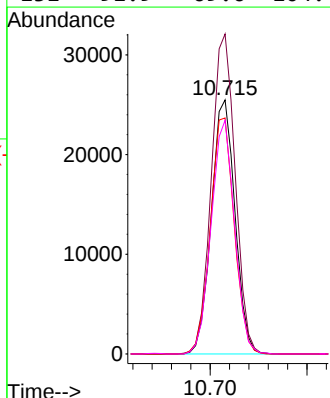
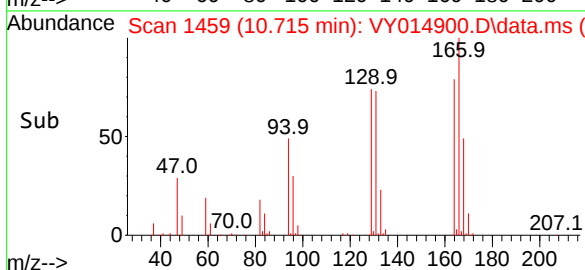
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

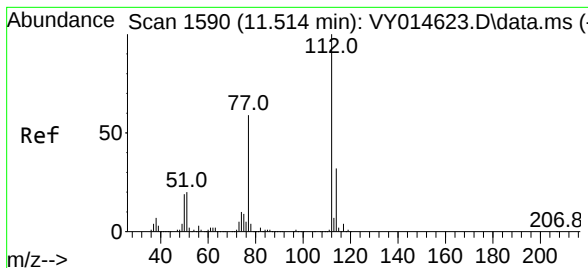


#64
Tetrachloroethene
Concen: 18.043 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43



Tgt Ion:164 Resp: 43170
Ion Ratio Lower Upper
164 100
166 126.0 103.0 154.6
129 92.9 77.2 115.8
131 91.9 69.6 104.4





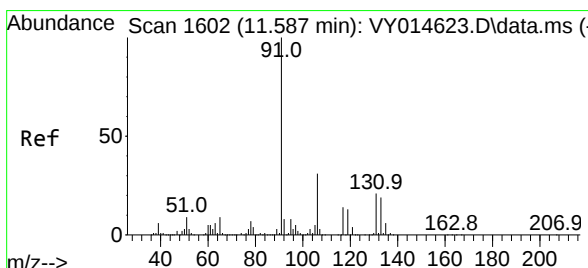
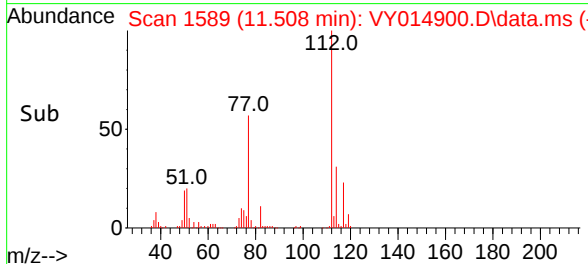
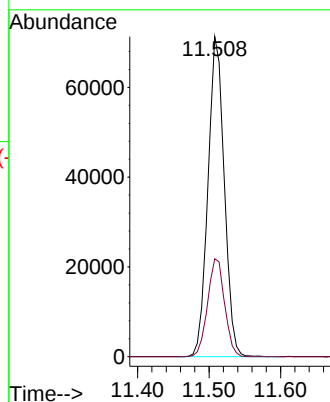
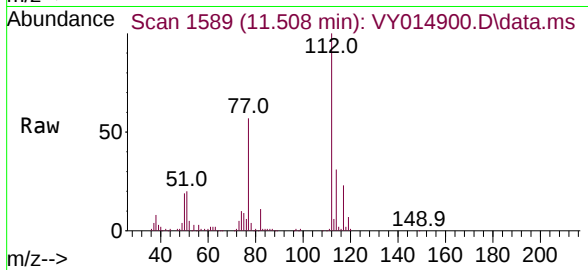
#65
Chlorobenzene
Concen: 17.801 ug/l
RT: 11.508 min Scan# 11284
Delta R.T. -0.006 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS02

Tgt Ion:112 Resp: 11284
Ion Ratio Lower Upper
112 100
114 30.6 25.5 38.3

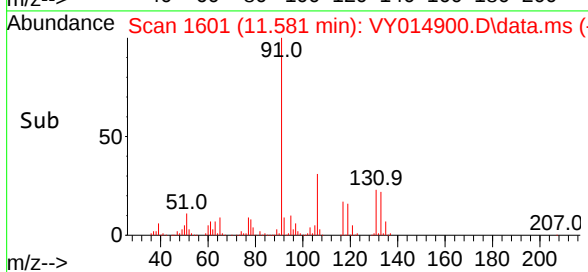
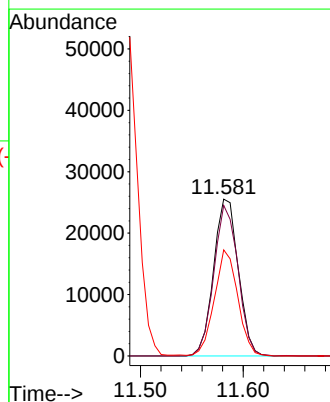
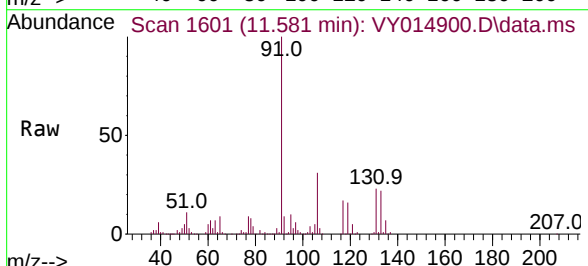
Manual Integrations
APPROVED

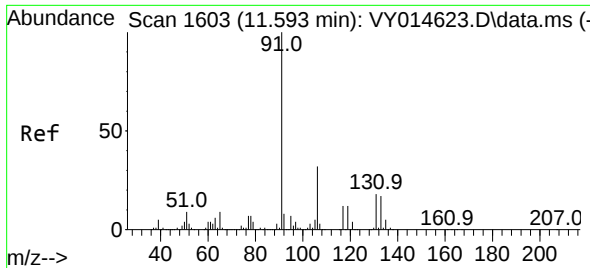
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 17.804 ug/l
RT: 11.581 min Scan# 1601
Delta R.T. -0.006 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

Tgt Ion:131 Resp: 42557
Ion Ratio Lower Upper
131 100
133 94.3 47.5 142.6
119 64.3 31.6 94.7





#67

Ethyl Benzene

Concen: 17.135 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY014900.D

Acq: 28 Jul 2023 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS02

Tgt Ion: 91 Resp: 196120

Ion Ratio Lower Upper

91 100

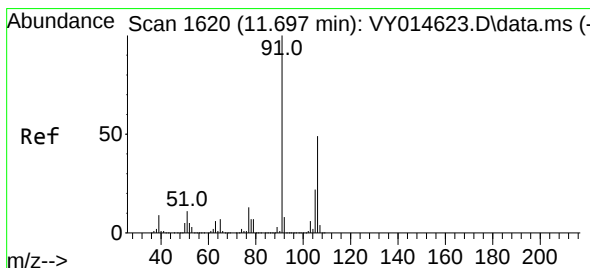
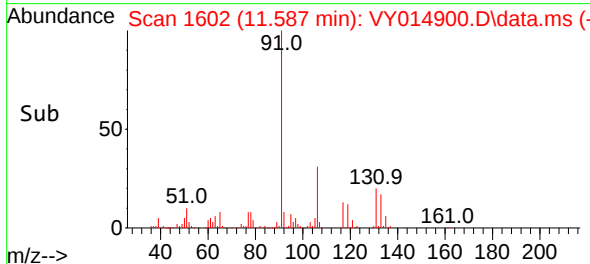
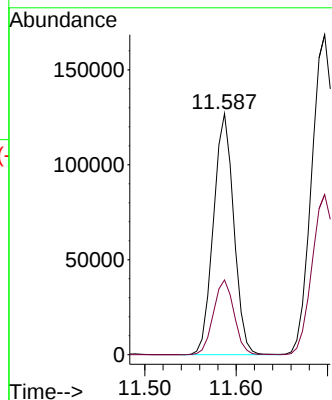
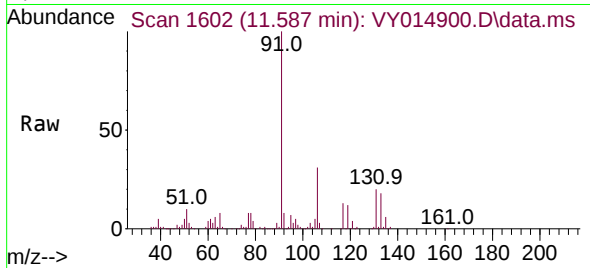
106 31.0 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#68

m/p-Xylenes

Concen: 34.610 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY014900.D

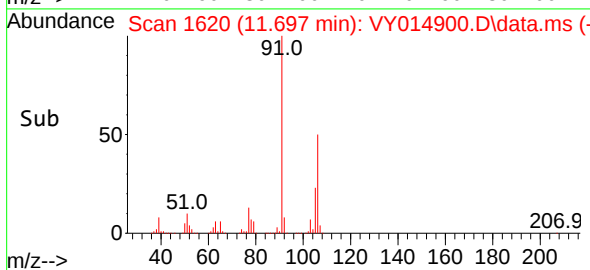
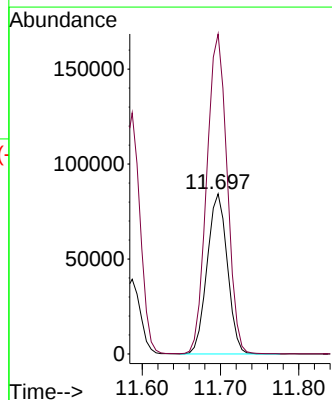
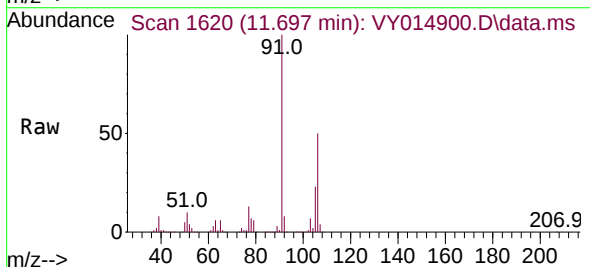
Acq: 28 Jul 2023 11:43

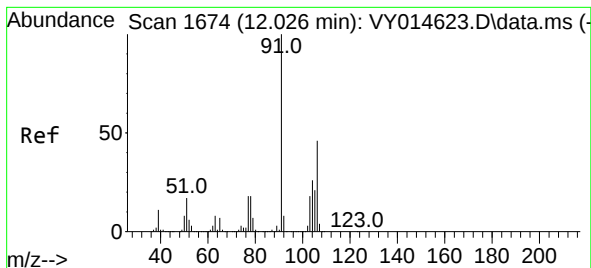
Tgt Ion:106 Resp: 151218

Ion Ratio Lower Upper

106 100

91 200.7 166.1 249.1





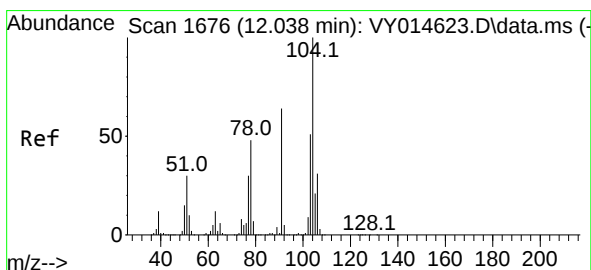
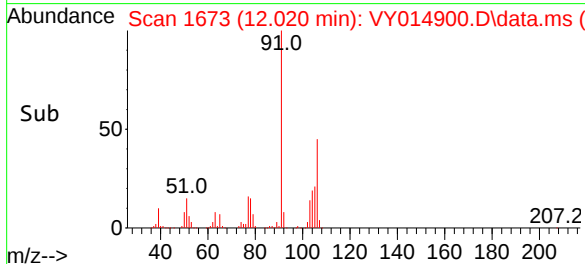
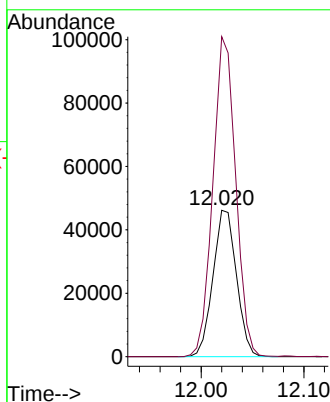
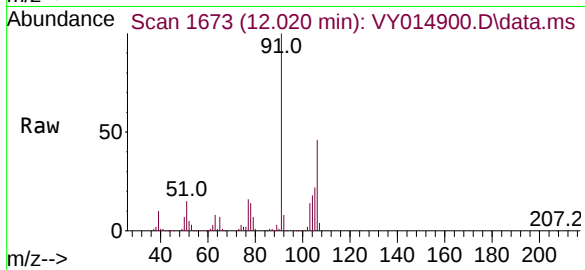
#69
o-Xylene
Concen: 17.200 ug/l
RT: 12.020 min Scan# 1673
Delta R.T. -0.006 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS02

Tgt Ion:106 Resp: 7319
Ion Ratio Lower Upper
106 100
91 212.4 108.1 324.3

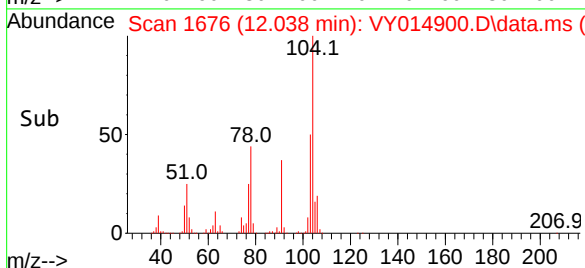
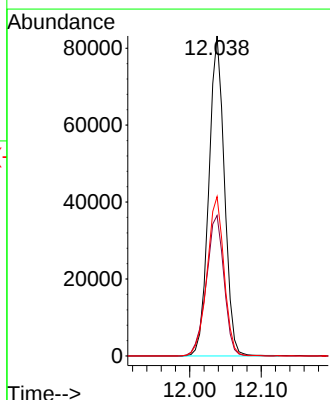
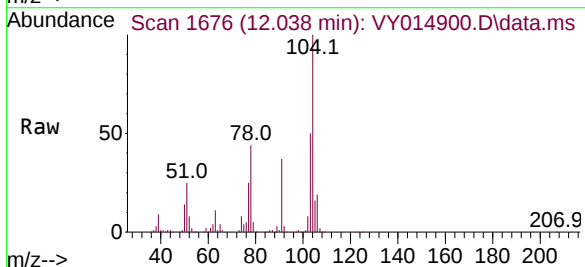
Manual Integrations
APPROVED

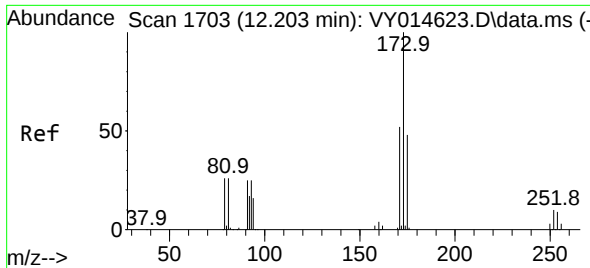
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#70
Styrene
Concen: 17.573 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

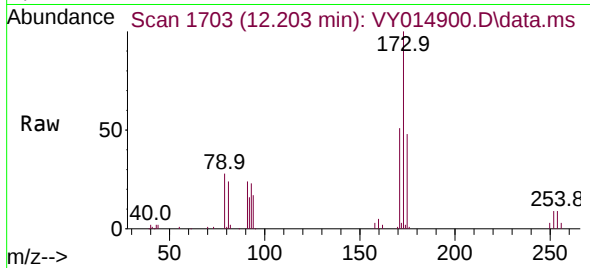
Tgt Ion:104 Resp: 126044
Ion Ratio Lower Upper
104 100
78 49.7 41.5 62.3
103 54.1 44.6 67.0





#71
Bromoform
Concen: 18.131 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

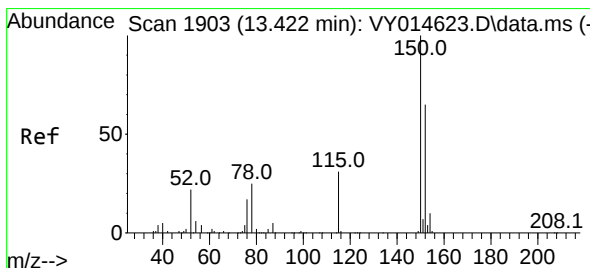
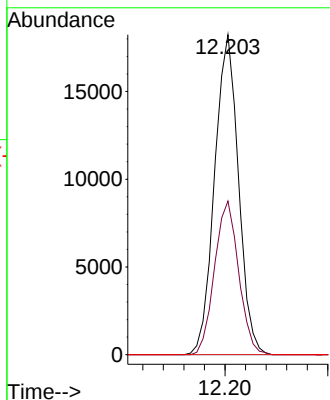
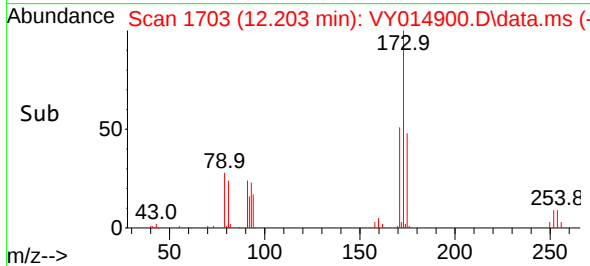
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS02



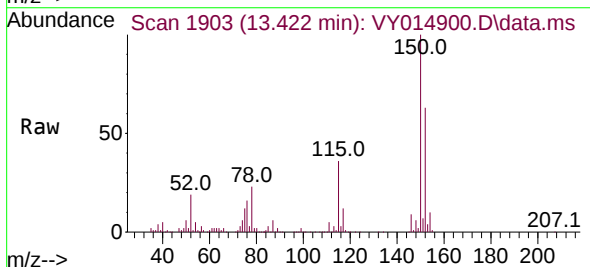
Tgt Ion:173 Resp: 29375
Ion Ratio Lower Upper
173 100
175 48.5 24.6 73.8
254 0.0 0.2 0.2

Manual Integrations
APPROVED

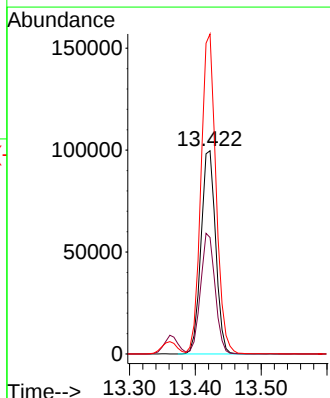
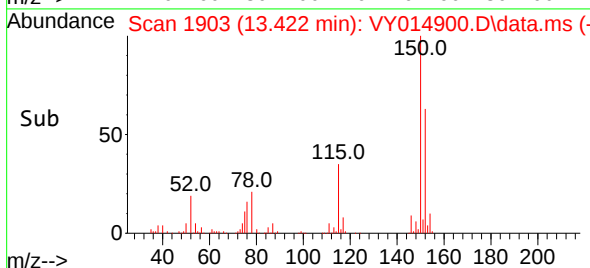
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

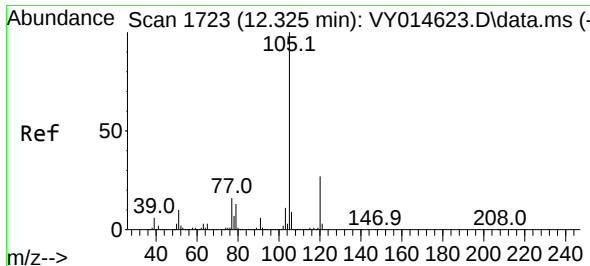


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43



Tgt Ion:152 Resp: 154468
Ion Ratio Lower Upper
152 100
115 58.9 28.8 86.5
150 161.8 0.0 348.8





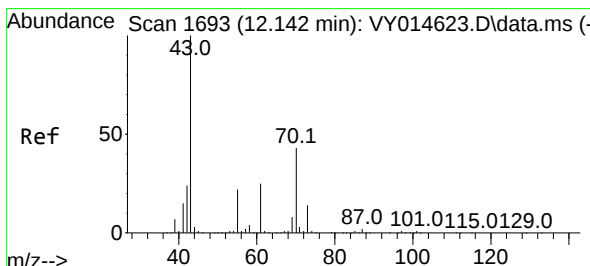
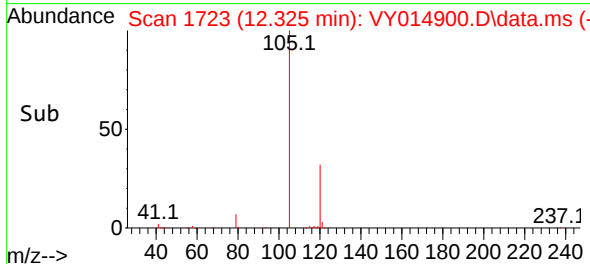
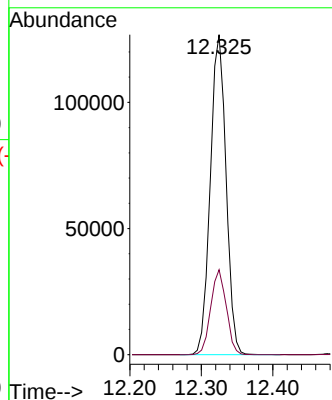
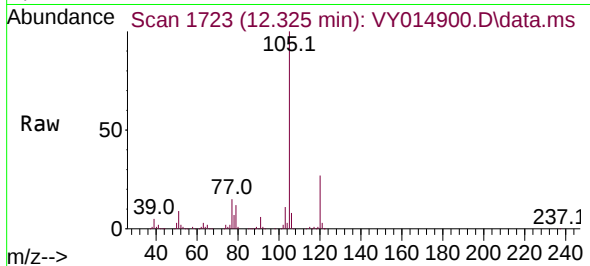
#73
Isopropylbenzene
Concen: 16.031 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS02

Tgt Ion: 105 Resp: 19389
Ion Ratio Lower Upper
105 100
120 26.1 13.3 39.9

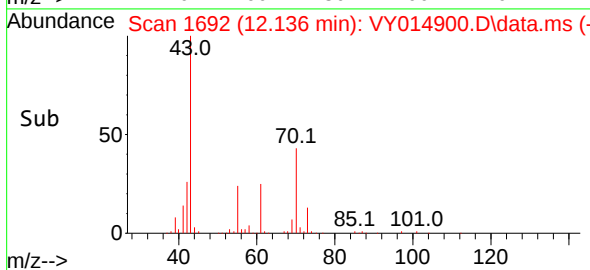
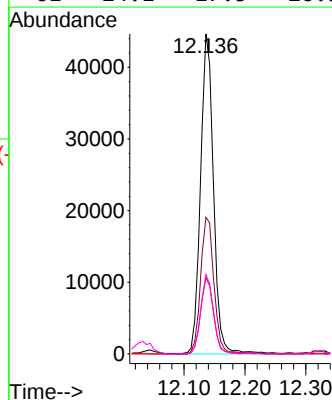
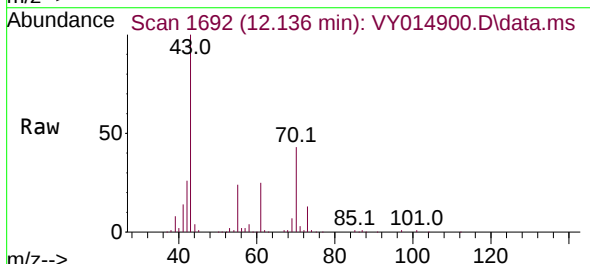
Manual Integrations
APPROVED

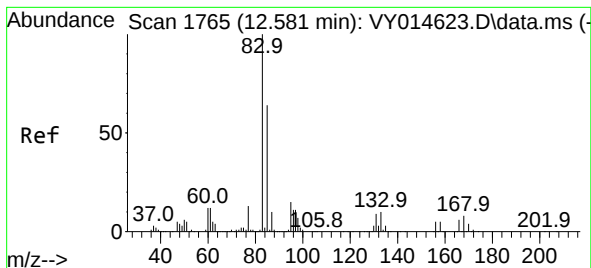
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#74
N-ethyl acetate
Concen: 16.324 ug/l
RT: 12.136 min Scan# 1692
Delta R.T. -0.006 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

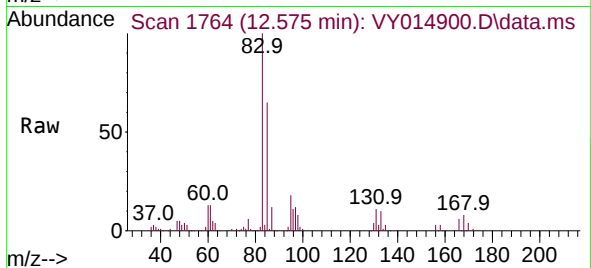
Tgt Ion: 43 Resp: 66127
Ion Ratio Lower Upper
43 100
70 43.8 29.7 44.5
55 23.7 18.3 27.5
61 24.1 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 17.411 ug/l
RT: 12.575 min Scan# 1764
Delta R.T. -0.006 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

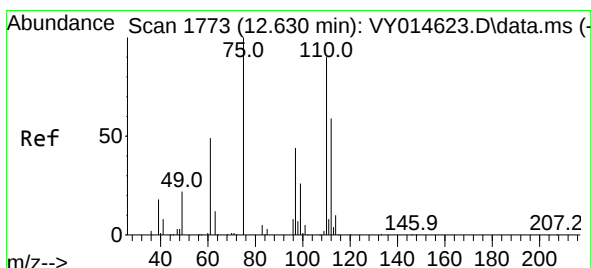
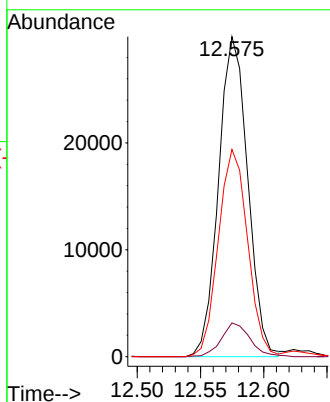
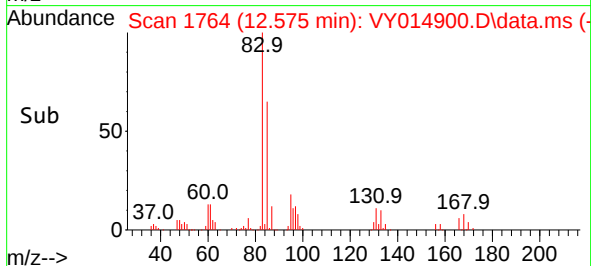
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS02



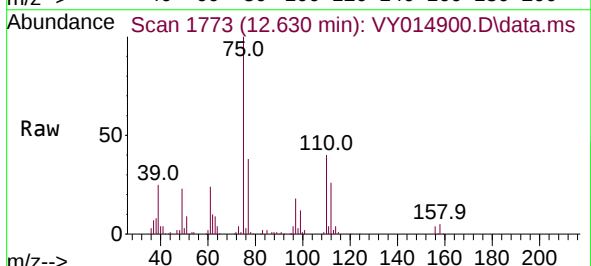
Tgt Ion: 83 Resp: 4802
Ion Ratio Lower Upper
83 100
131 10.4 5.4 16.2
85 65.0 31.8 95.4

Manual Integrations
APPROVED

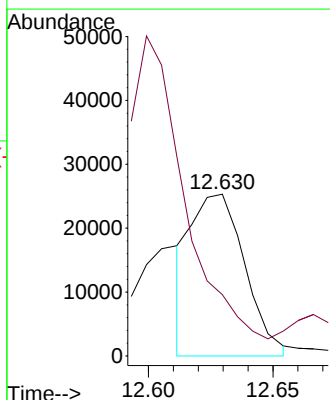
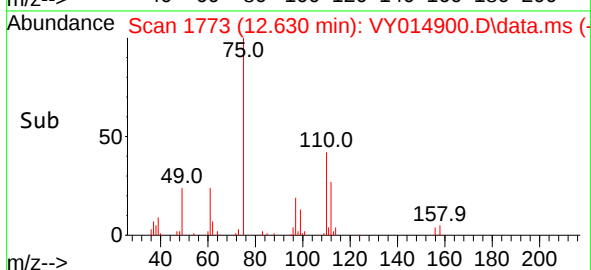
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

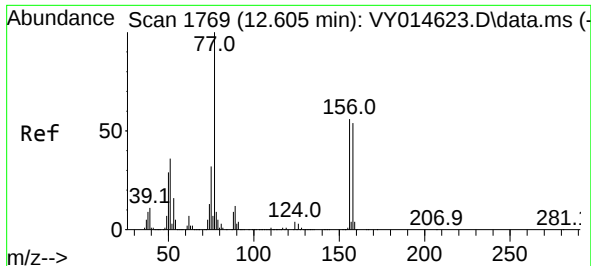


#76
1,2,3-Trichloropropane
Concen: 19.554 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43



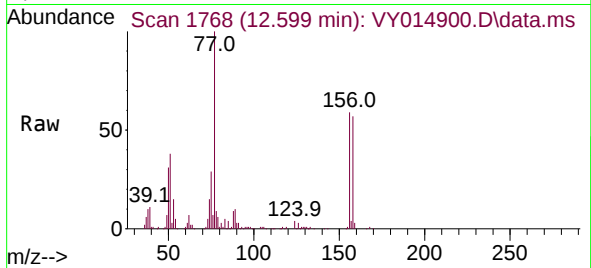
Tgt Ion: 75 Resp: 38148
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 17.068 ug/l
RT: 12.599 min Scan# 1768
Delta R.T. -0.006 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

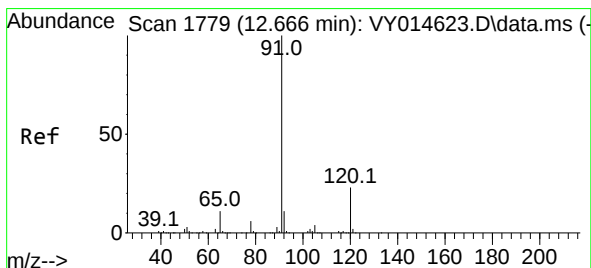
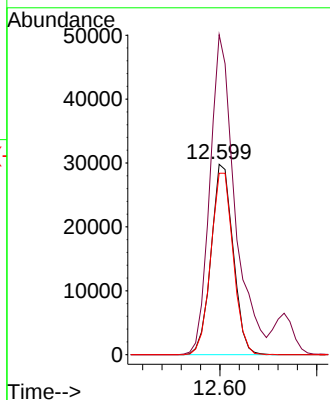
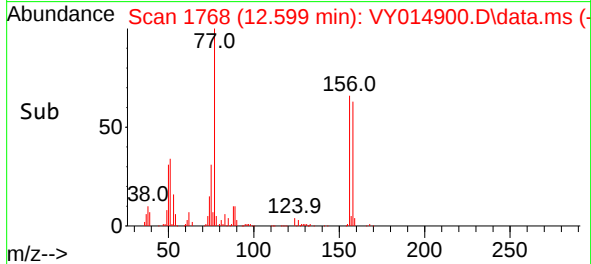
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS02



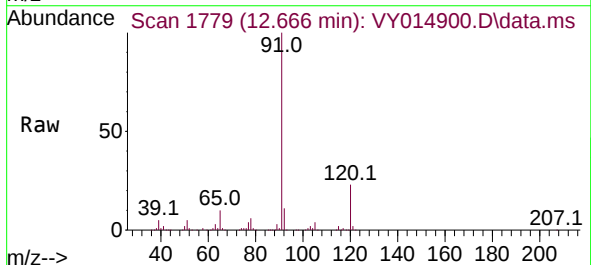
Tgt Ion:156 Resp: 4712
Ion Ratio Lower Upper
156 100
77 191.2 92.8 278.6
158 96.8 48.4 145.3

Manual Integrations
APPROVED

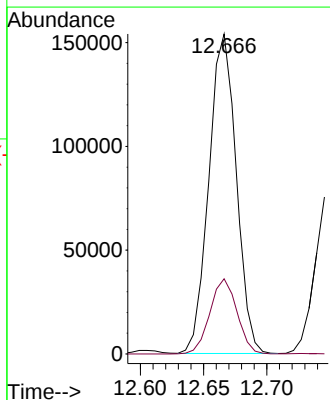
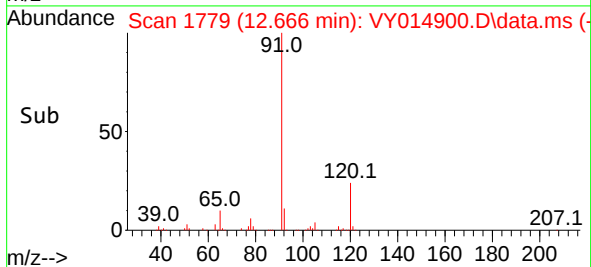
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

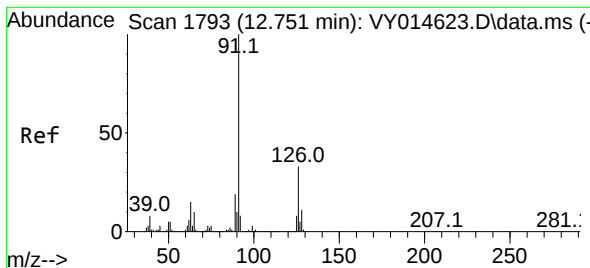


#78
n-propylbenzene
Concen: 15.907 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43



Tgt Ion: 91 Resp: 231834
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.4





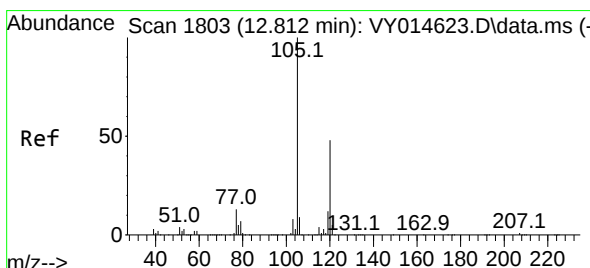
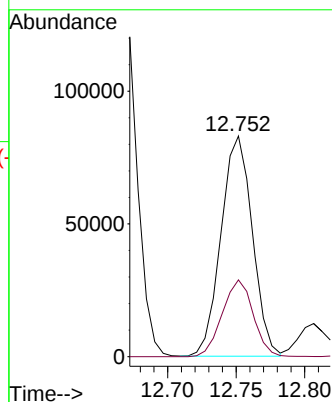
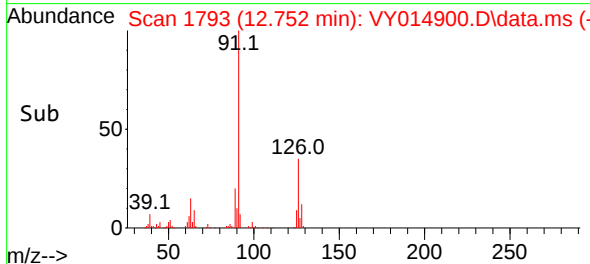
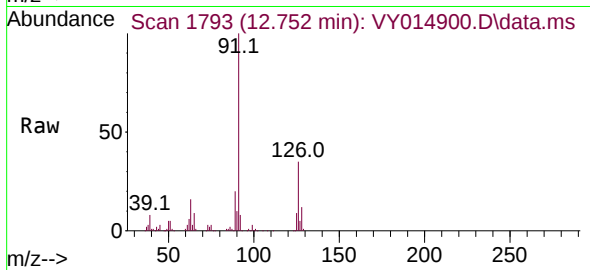
#79
2-Chlorotoluene
Concen: 15.719 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. 0.001 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS02

Tgt Ion: 91 Resp: 13195
Ion Ratio Lower Upper
91 100
126 34.5 17.3 51.7

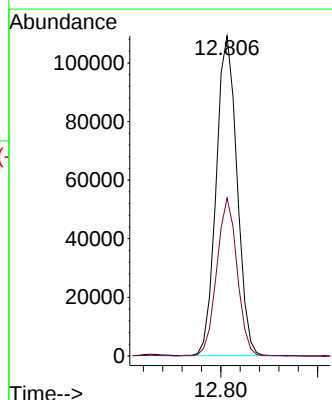
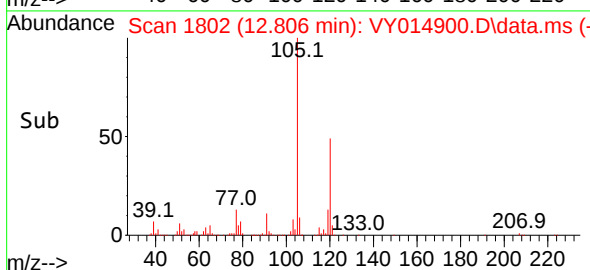
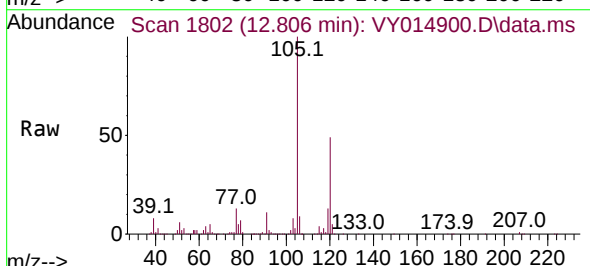
Manual Integrations
APPROVED

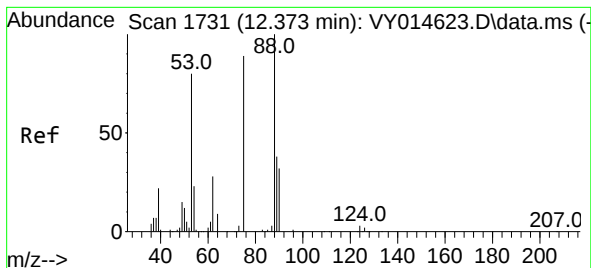
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#80
1,3,5-Trimethylbenzene
Concen: 16.112 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

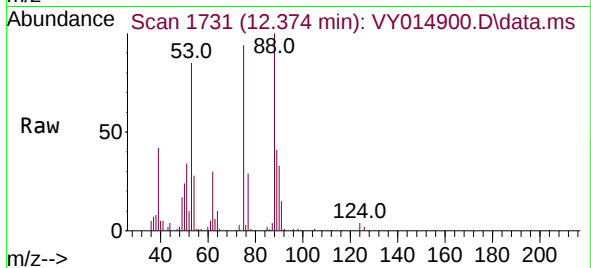
Tgt Ion:105 Resp: 162749
Ion Ratio Lower Upper
105 100
120 48.4 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 14.855 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.001 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

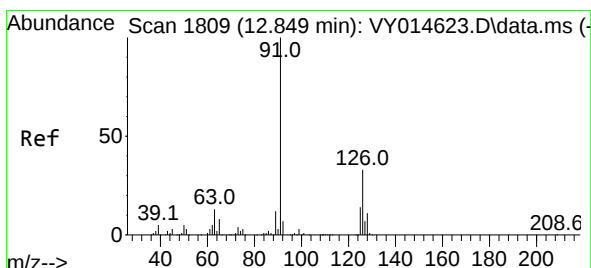
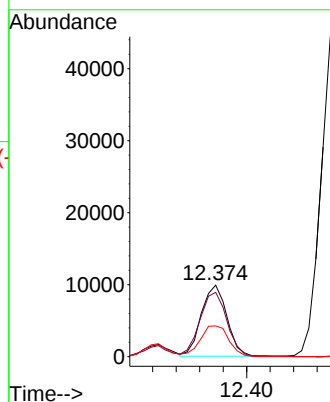
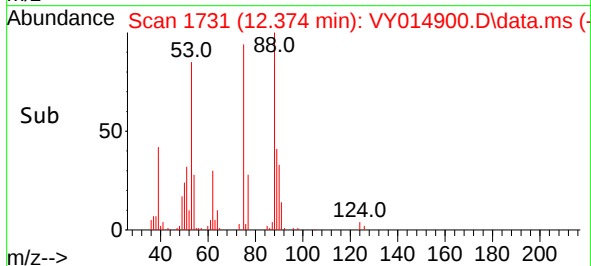
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS02



Tgt Ion: 75 Resp: 14968
Ion Ratio Lower Upper
75 100
53 96.7 77.8 116.8
89 48.3 37.4 56.0

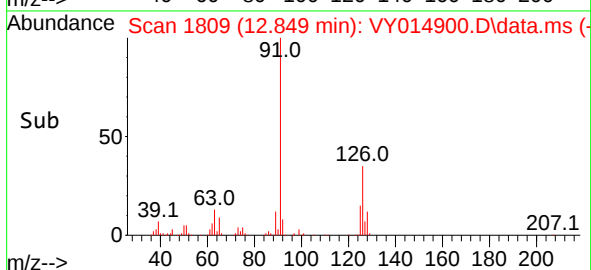
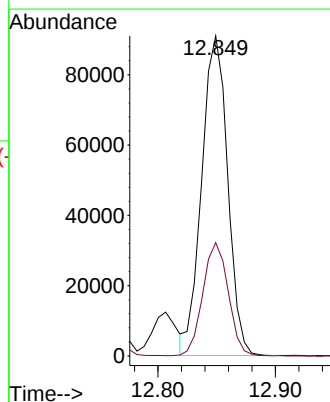
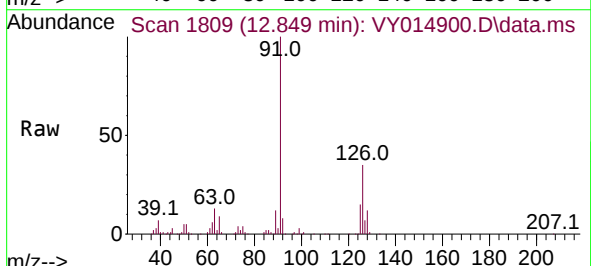
Manual Integrations
APPROVED

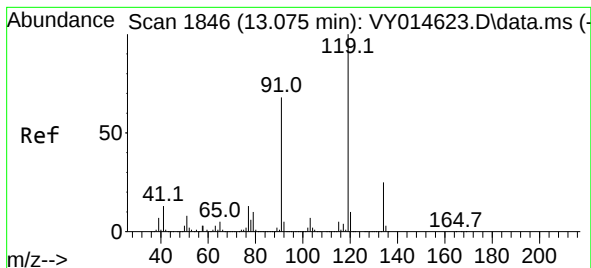
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#82
4-Chlorotoluene
Concen: 16.118 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

Tgt Ion: 91 Resp: 139353
Ion Ratio Lower Upper
91 100
126 34.8 17.2 51.6





#83

tert-Butylbenzene

Concen: 15.528 ug/l

RT: 13.069 min Scan# 1845

Delta R.T. -0.006 min

Lab File: VY014900.D

Acq: 28 Jul 2023 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS02

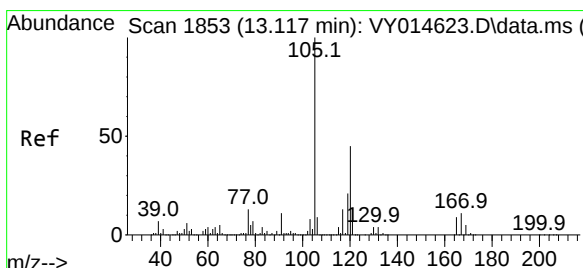
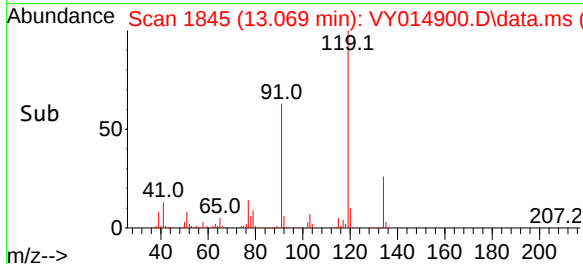
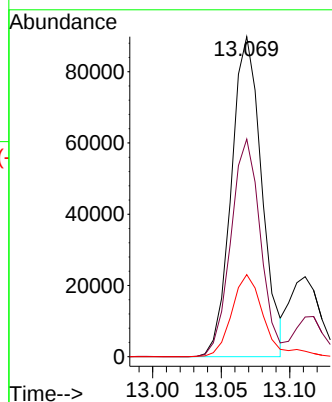
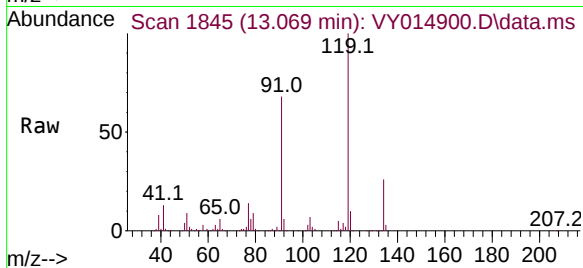
Tgt Ion:	119	Resp:	139138
Ion Ratio	Lower	Upper	
119	100		
91	66.2	32.9	98.6
134	27.1	13.0	38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#84

1,2,4-Trimethylbenzene

Concen: 16.469 ug/l

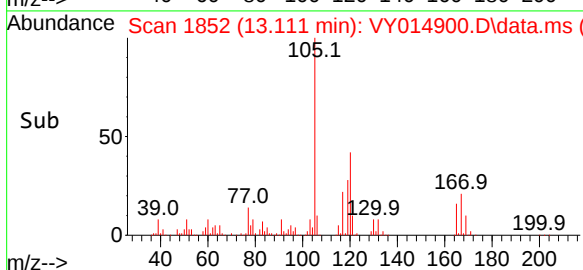
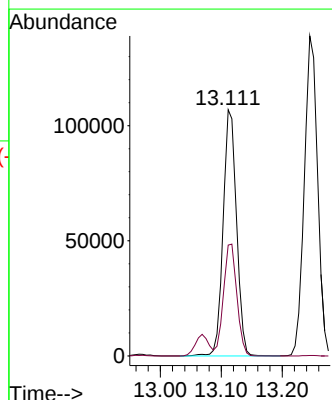
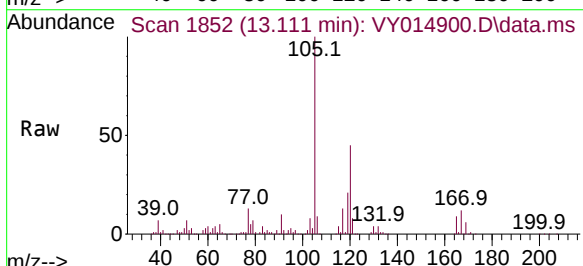
RT: 13.111 min Scan# 1852

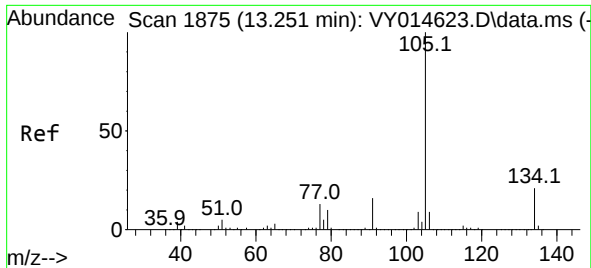
Delta R.T. -0.006 min

Lab File: VY014900.D

Acq: 28 Jul 2023 11:43

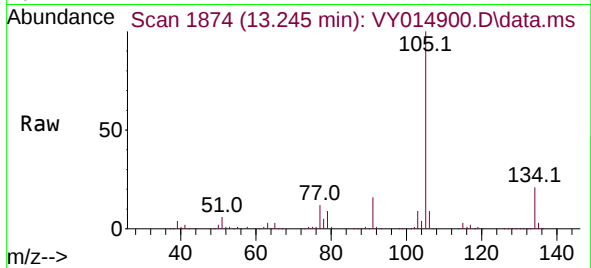
Tgt Ion:	105	Resp:	163254
Ion Ratio	Lower	Upper	
105	100		
120	45.3	22.2	66.6





#85
 sec-Butylbenzene
 Concen: 16.012 ug/l
 RT: 13.245 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VY014900.D
 Acq: 28 Jul 2023 11:43

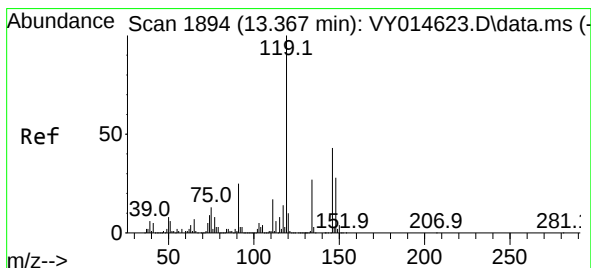
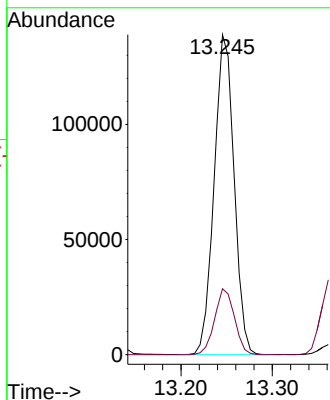
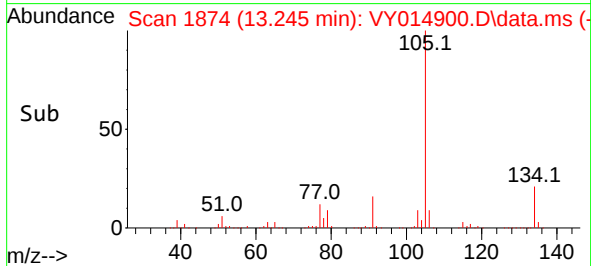
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0728SBS02



Tgt Ion:105 Resp: 210470
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.6

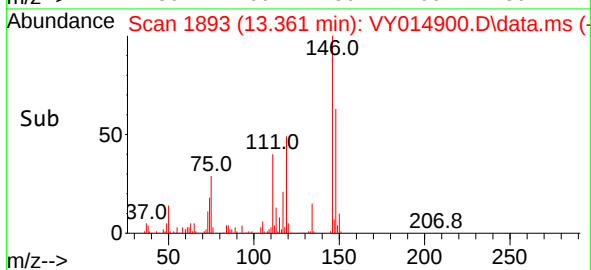
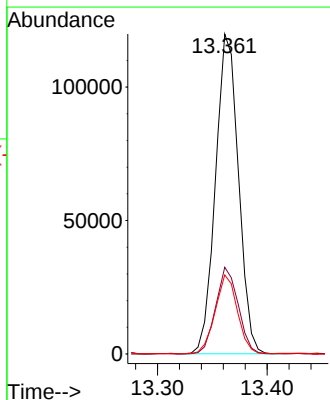
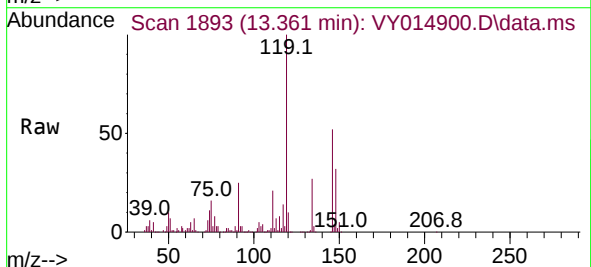
Manual Integrations
 APPROVED

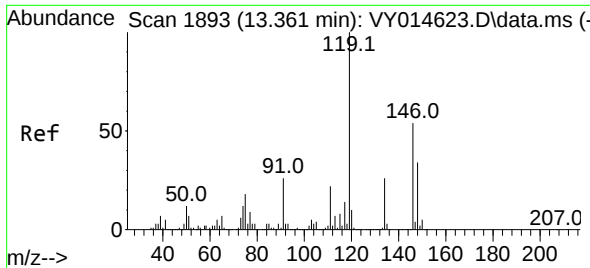
Reviewed By :John Carlone 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#86
 p-Isopropyltoluene
 Concen: 16.262 ug/l
 RT: 13.361 min Scan# 1893
 Delta R.T. -0.006 min
 Lab File: VY014900.D
 Acq: 28 Jul 2023 11:43

Tgt Ion:119 Resp: 174525
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 23.8 12.4 37.4





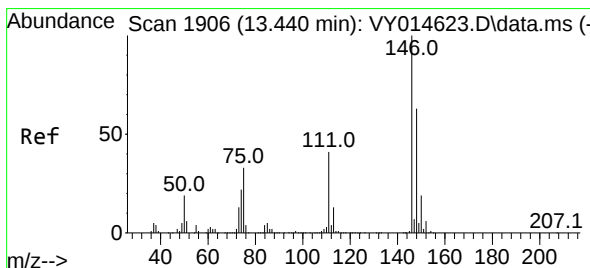
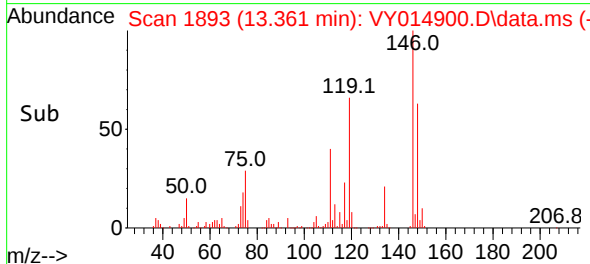
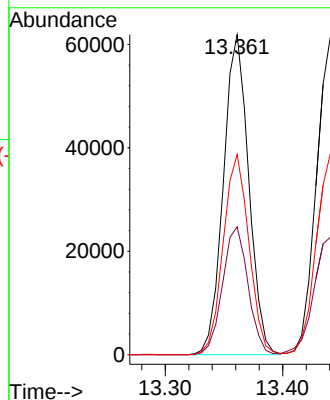
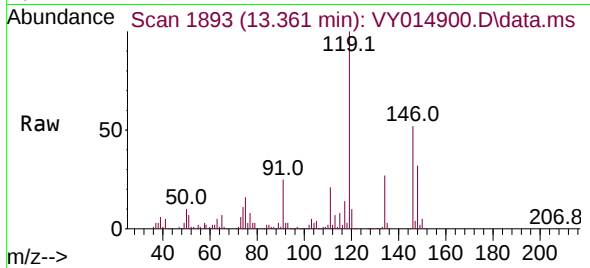
#87
1,3-Dichlorobenzene
Concen: 17.234 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS02

Tgt Ion:146 Resp: 92600
Ion Ratio Lower Upper
146 100
111 40.3 19.4 58.2
148 63.5 31.9 95.5

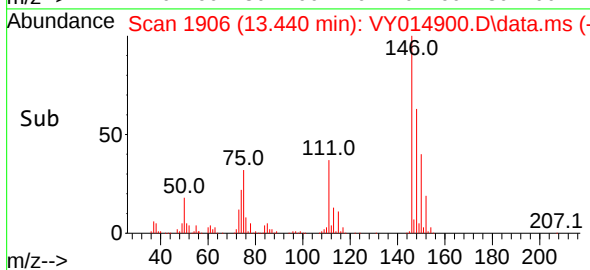
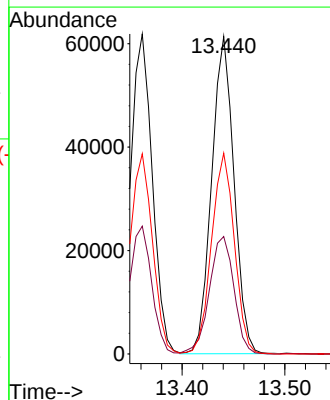
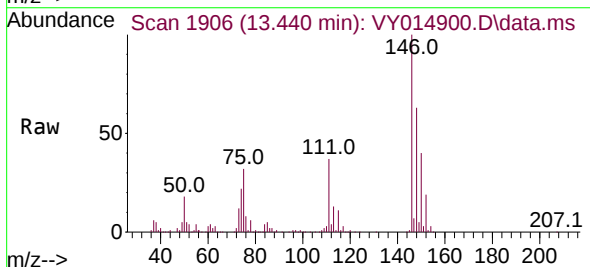
Manual Integrations
APPROVED

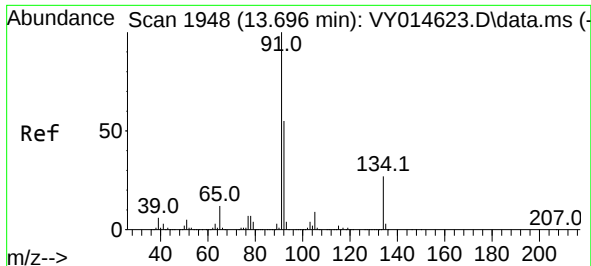
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#88
1,4-Dichlorobenzene
Concen: 17.226 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

Tgt Ion:146 Resp: 92753
Ion Ratio Lower Upper
146 100
111 40.7 18.9 56.7
148 64.8 32.1 96.5





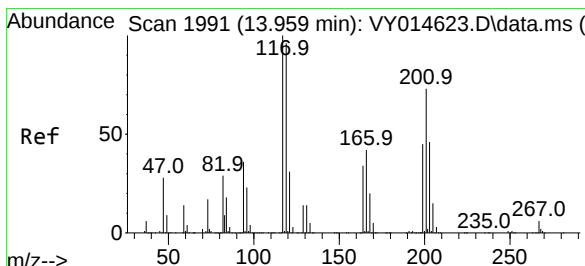
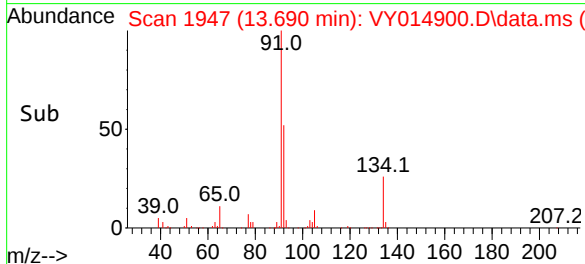
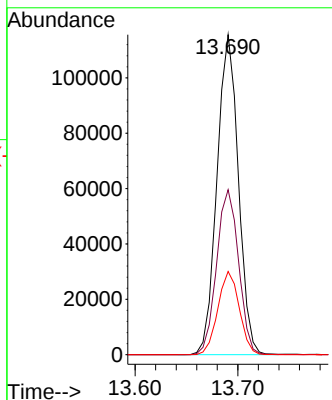
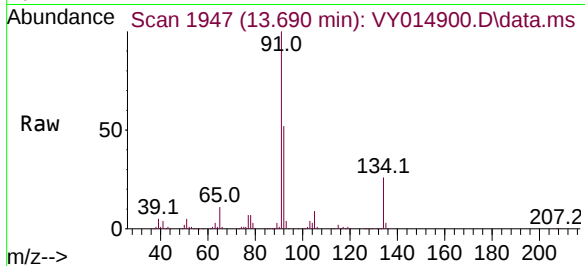
#89
n-Butylbenzene
Concen: 15.964 ug/l
RT: 13.690 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS02

Tgt Ion: 91 Resp: 166670
Ion Ratio Lower Upper
91 100
92 53.1 25.4 76.0
134 26.1 12.6 37.6

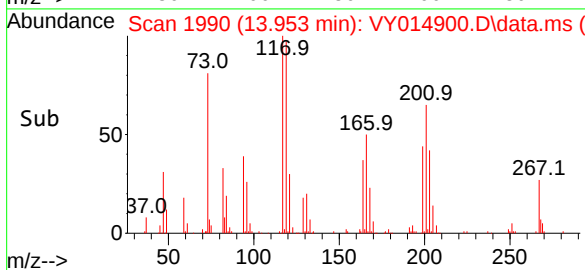
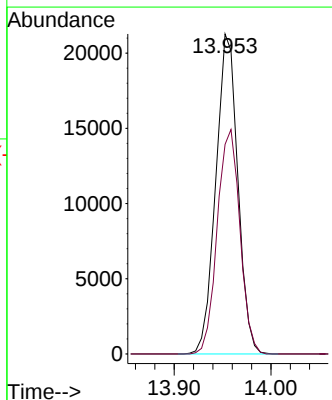
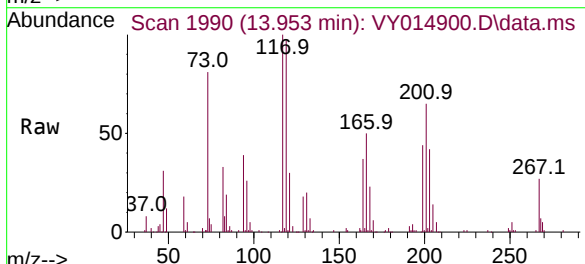
Manual Integrations
APPROVED

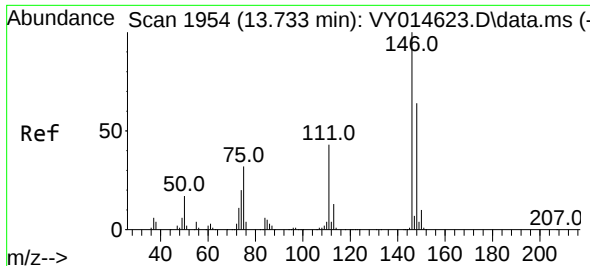
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#90
Hexachloroethane
Concen: 15.228 ug/l
RT: 13.953 min Scan# 1990
Delta R.T. -0.006 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

Tgt Ion:117 Resp: 33567
Ion Ratio Lower Upper
117 100
201 72.1 41.6 124.8





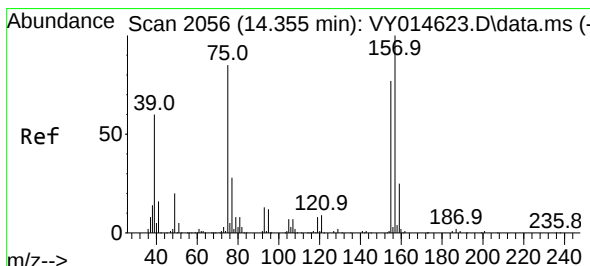
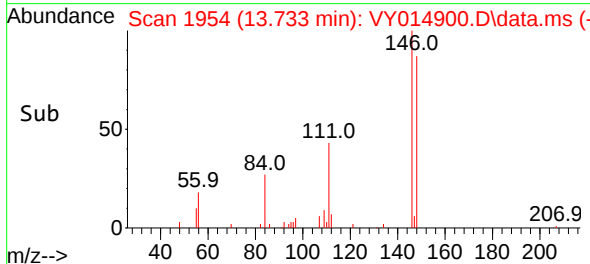
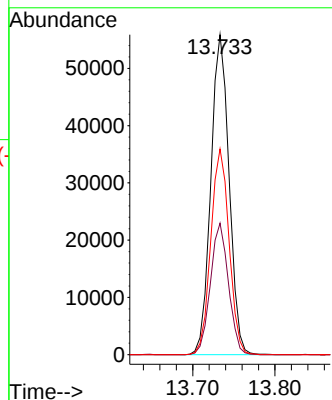
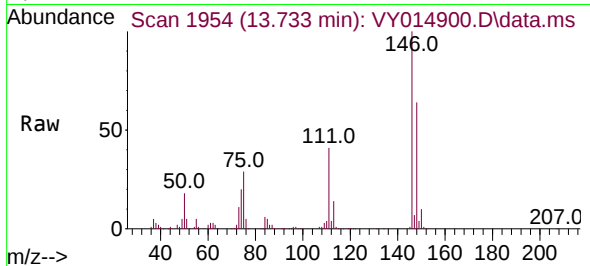
#91
1,2-Dichlorobenzene
Concen: 17.469 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. 0.000 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS02

Tgt Ion:146 Resp: 86000
Ion Ratio Lower Upper
146 100
111 40.7 19.7 59.0
148 64.4 32.0 96.2

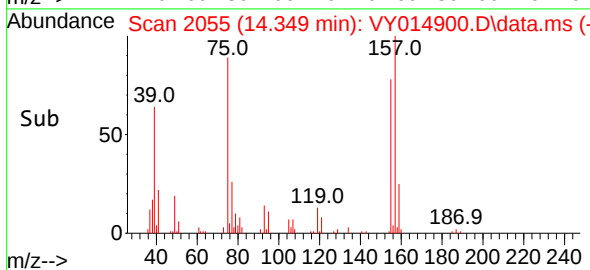
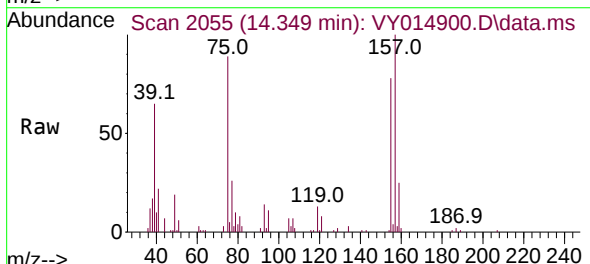
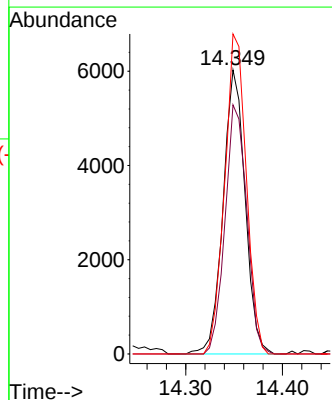
Manual Integrations
APPROVED

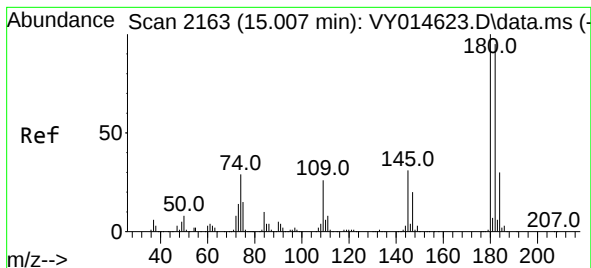
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.077 ug/l
RT: 14.349 min Scan# 2055
Delta R.T. -0.006 min
Lab File: VY014900.D
Acq: 28 Jul 2023 11:43

Tgt Ion: 75 Resp: 9535
Ion Ratio Lower Upper
75 100
155 86.4 41.5 124.6
157 110.7 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 17.294 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY014900.D

Acq: 28 Jul 2023 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS02

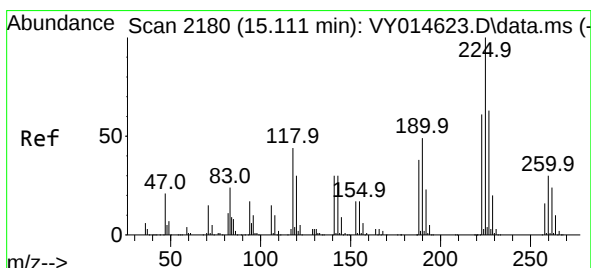
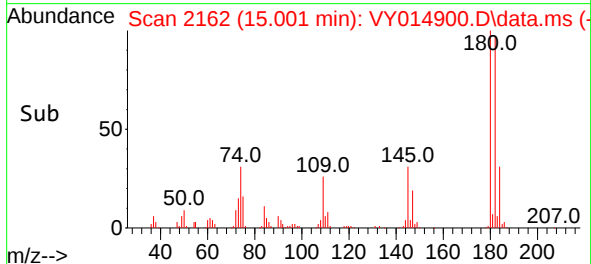
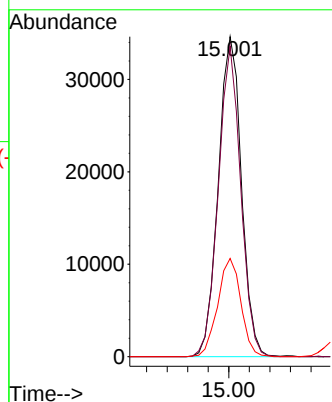
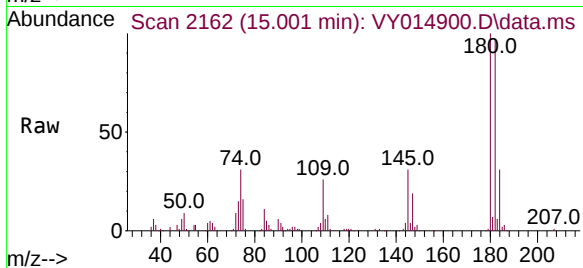
Tgt Ion:180	Resp:	5404
Ion Ratio	Lower	Upper
180	100	
182	93.9	47.0 141.2
145	30.8	14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#94

Hexachlorobutadiene

Concen: 16.694 ug/l

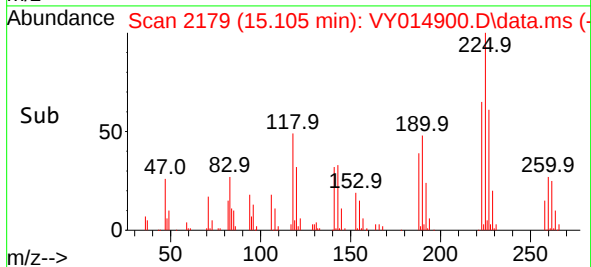
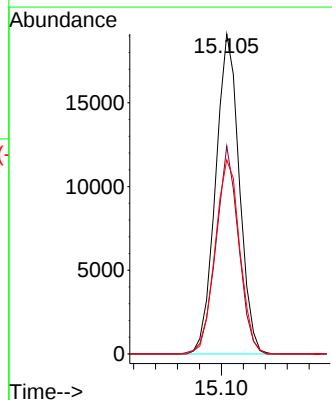
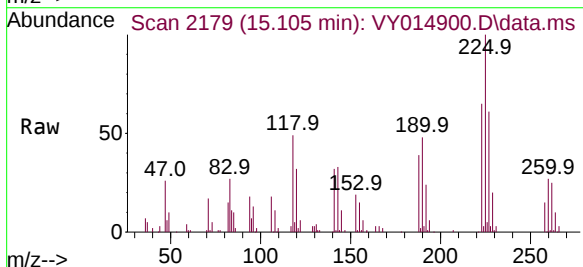
RT: 15.105 min Scan# 2179

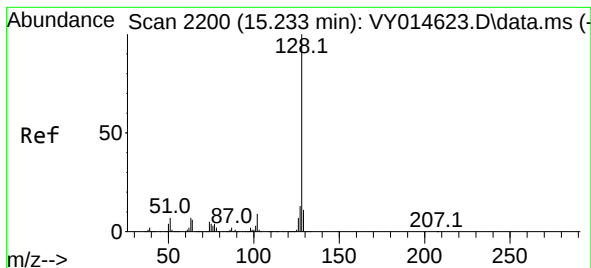
Delta R.T. -0.006 min

Lab File: VY014900.D

Acq: 28 Jul 2023 11:43

Tgt Ion:225	Resp:	28670
Ion Ratio	Lower	Upper
225	100	
223	62.1	31.9 95.9
227	63.0	33.0 98.9





#95

Naphthalene

Concen: 17.760 ug/l

RT: 15.227 min Scan# 2199

Delta R.T. -0.006 min

Lab File: VY014900.D

Acq: 28 Jul 2023 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS02

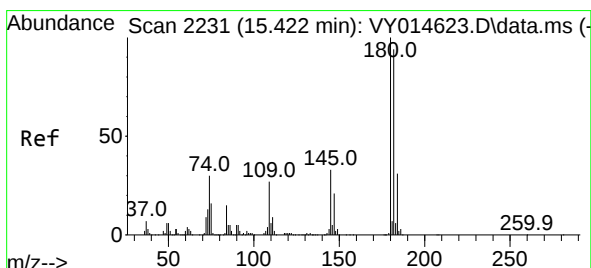
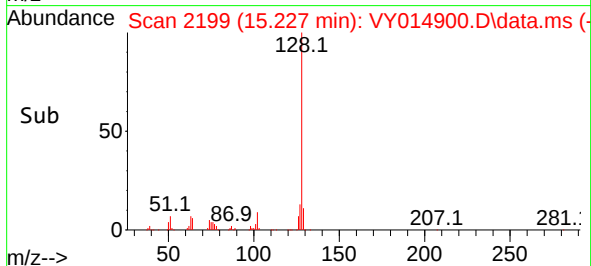
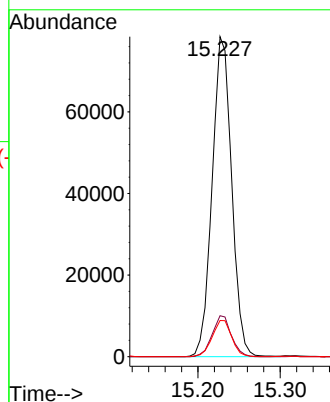
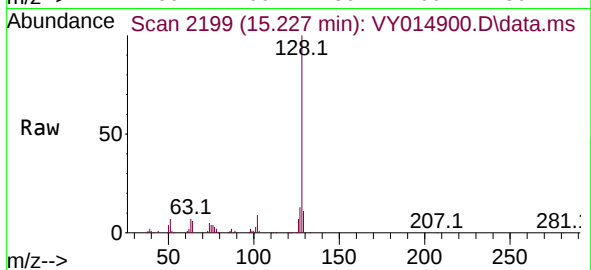
Tgt Ion:128 Resp: 129304
 Ion Ratio Lower Upper
 128 100
 127 12.6 10.8 16.2
 129 11.3 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#96

1,2,3-Trichlorobenzene

Concen: 17.464 ug/l

RT: 15.416 min Scan# 2230

Delta R.T. -0.006 min

Lab File: VY014900.D

Acq: 28 Jul 2023 11:43

Tgt Ion:180 Resp: 48505
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.3 141.8
 145 32.7 15.4 46.2

