

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
 Data File : VY014713.D
 Acq On : 20 Jul 2023 12:09
 Operator : SY/MD
 Sample : VY0720SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0720SBS01

Manual Integrations
 APPROVED

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

Quant Time: Jul 20 14:09:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	230980	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	378579	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	340007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	172333	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	140821	53.501	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.000%			
35) Dibromofluoromethane	7.716	113	129015	53.534	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.060%			
50) Toluene-d8	10.179	98	465119	52.349	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.700%			
62) 4-Bromofluorobenzene	12.477	95	176597	51.836	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	43713	23.229	ug/l	99
3) Chloromethane	2.113	50	54344	25.690	ug/l	100
4) Vinyl Chloride	2.247	62	60966	25.788	ug/l	94
5) Bromomethane	2.625	94	42798	27.393	ug/l	100
6) Chloroethane	2.778	64	38454	26.040	ug/l	95
7) Trichlorofluoromethane	3.119	101	87161	21.952	ug/l	99
8) Diethyl Ether	3.528	74	32051	21.695	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.893	101	50431	20.722	ug/l	96
10) Methyl Iodide	4.082	142	48728	20.362	ug/l	96
11) Tert butyl alcohol	4.942	59	73599	124.812	ug/l #	90
12) 1,1-Dichloroethene	3.869	96	47138	20.724	ug/l	86
13) Acrolein	3.723	56	30550	111.048	ug/l	98
14) Allyl chloride	4.472	41	77688	19.236	ug/l	97
15) Acrylonitrile	5.155	53	91229	111.985	ug/l	100
16) Acetone	3.948	43	82241	98.601	ug/l	94
17) Carbon Disulfide	4.186	76	134241	20.614	ug/l	98
18) Methyl Acetate	4.472	43	73152	22.854	ug/l	91
19) Methyl tert-butyl Ether	5.216	73	160162	21.677	ug/l	98
20) Methylene Chloride	4.710	84	60562	19.800	ug/l	90
21) trans-1,2-Dichloroethene	5.210	96	54204	20.999	ug/l	98
22) Diisopropyl ether	6.119	45	168120	20.475	ug/l	90
23) Vinyl Acetate	6.051	43	505641	102.906	ug/l	95
24) 1,1-Dichloroethane	6.009	63	96348	20.508	ug/l	97
25) 2-Butanone	6.984	43	130940	107.305	ug/l	95
26) 2,2-Dichloropropane	6.978	77	88072	19.670	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	63679	21.194	ug/l	95
28) Bromochloromethane	7.332	49	46414	22.939	ug/l	91
29) Tetrahydrofuran	7.338	42	85504	113.796	ug/l	91
30) Chloroform	7.502	83	101938	21.041	ug/l	98
31) Cyclohexane	7.783	56	85008	19.456	ug/l #	81
32) 1,1,1-Trichloroethane	7.698	97	90556	20.768	ug/l	98
36) 1,1-Dichloropropene	7.917	75	75295	20.892	ug/l	99
37) Ethyl Acetate	7.070	43	55414	22.332	ug/l #	93
38) Carbon Tetrachloride	7.899	117	79805	20.948	ug/l	97
39) Methylcyclohexane	9.179	83	95104	20.255	ug/l	93
40) Benzene	8.155	78	217294	21.200	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	29336m	22.985	ug/l	
42) 1,2-Dichloroethane	8.234	62	71327	21.975	ug/l	94
43) Isopropyl Acetate	8.271	43	101102	21.389	ug/l	96
44) Trichloroethene	8.941	130	60756	21.185	ug/l	96
45) 1,2-Dichloropropane	9.216	63	55147	20.604	ug/l	98
46) Dibromomethane	9.301	93	35674	21.971	ug/l	96
47) Bromodichloromethane	9.496	83	80871	21.132	ug/l	98
48) Methyl methacrylate	9.289	41	44908	21.114	ug/l	90
49) 1,4-Dioxane	9.295	88	11586	437.607	ug/l #	54
51) 4-Methyl-2-Pentanone	10.069	43	280641	113.082	ug/l	94
52) Toluene	10.240	92	137653	20.987	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	86898	20.759	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	94394	20.736	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	49311	21.802	ug/l	96
56) Ethyl methacrylate	10.508	69	74197	21.486	ug/l	91
57) 1,3-Dichloropropane	10.788	76	83618	21.435	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	192491	119.630	ug/l	94
59) 2-Hexanone	10.831	43	201485	111.329	ug/l	92
60) Dibromochloromethane	10.983	129	60571	21.843	ug/l	99
61) 1,2-Dibromoethane	11.087	107	49297	21.848	ug/l	98
64) Tetrachloroethene	10.715	164	59432	21.734	ug/l	97
65) Chlorobenzene	11.514	112	152094	20.992	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	58027	21.241	ug/l	99
67) Ethyl Benzene	11.593	91	271169	20.729	ug/l	98
68) m/p-Xylenes	11.703	106	210221	42.098	ug/l	96
69) o-Xylene	12.026	106	101181	20.803	ug/l	98
70) Styrene	12.044	104	175245	21.378	ug/l	96
71) Bromoform	12.203	173	40578	21.914	ug/l #	98
73) Isopropylbenzene	12.325	105	271625	20.130	ug/l	100
74) N-amyl acetate	12.142	43	90815	20.095	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	64319	20.902	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	47209m	21.690	ug/l	
77) Bromobenzene	12.605	156	63664	20.669	ug/l	95
78) n-propylbenzene	12.666	91	325129	19.995	ug/l	100
79) 2-Chlorotoluene	12.751	91	186417	19.905	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	226694	20.116	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	22648	20.147	ug/l	94
82) 4-Chlorotoluene	12.849	91	191357	19.839	ug/l	100
83) tert-Butylbenzene	13.075	119	200510	20.058	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	222707	20.137	ug/l	99
85) sec-Butylbenzene	13.251	105	295387	20.143	ug/l	100
86) p-Isopropyltoluene	13.367	119	243378	20.327	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	124236	20.724	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	125523	20.895	ug/l	98
89) n-Butylbenzene	13.696	91	230013	19.746	ug/l	97
90) Hexachloroethane	13.959	117	48499	19.721	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	113942	20.745	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12444	21.146	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	71191	20.419	ug/l	98
94) Hexachlorobutadiene	15.111	225	39317	20.521	ug/l	97
95) Naphthalene	15.233	128	167632	20.637	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	63197	20.395	ug/l	99

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

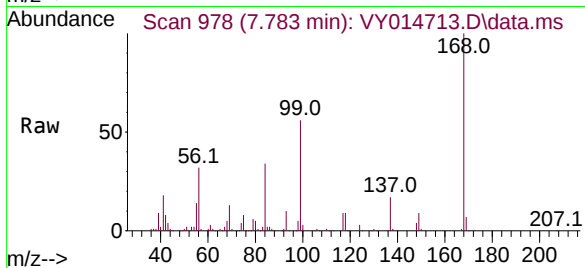
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

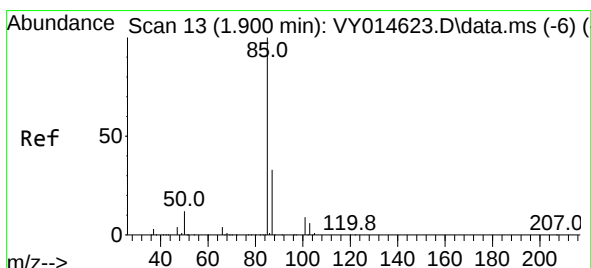
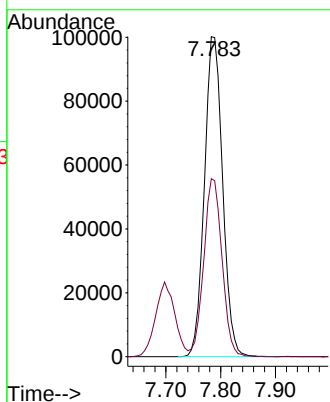
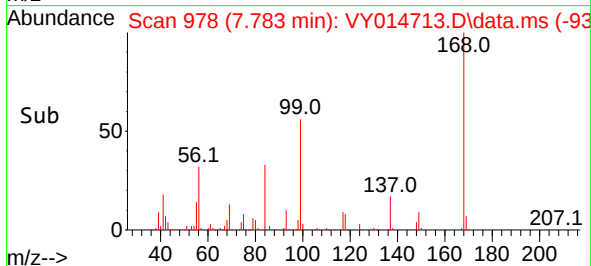
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01



Tgt Ion:168 Resp: 230980
Ion Ratio Lower Upper
168 100
99 55.6 43.4 65.0

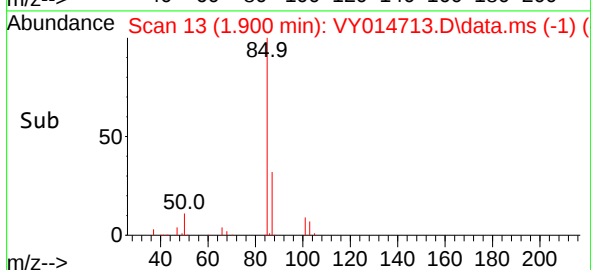
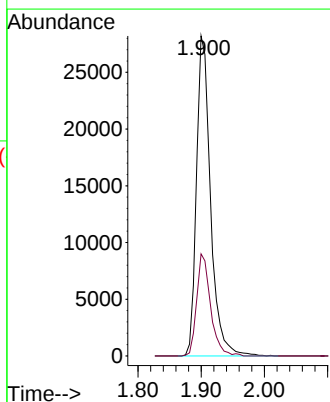
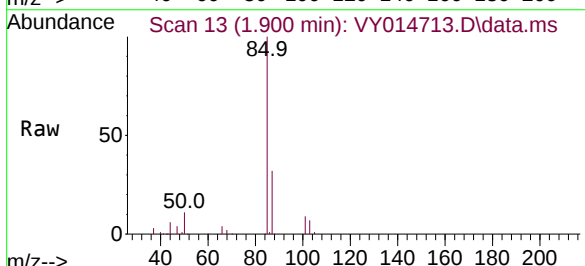
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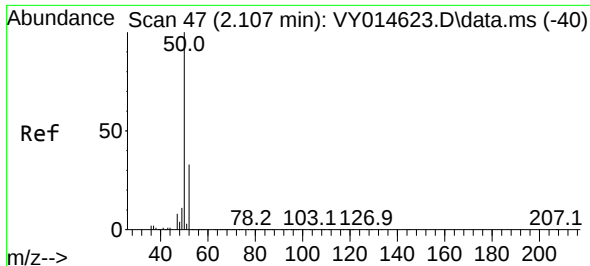
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#2
Dichlorodifluoromethane
Concen: 23.229 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

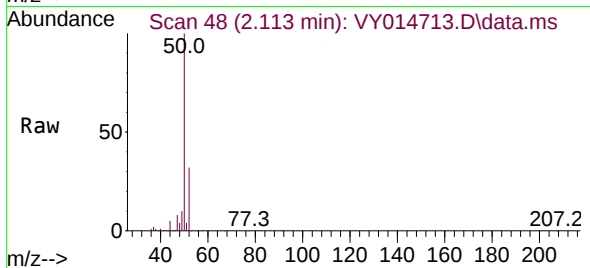
Tgt Ion: 85 Resp: 43713
Ion Ratio Lower Upper
85 100
87 31.9 15.6 46.8





#3
Chloromethane
Concen: 25.690 ug/l
RT: 2.113 min Scan# 47
Delta R.T. 0.006 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

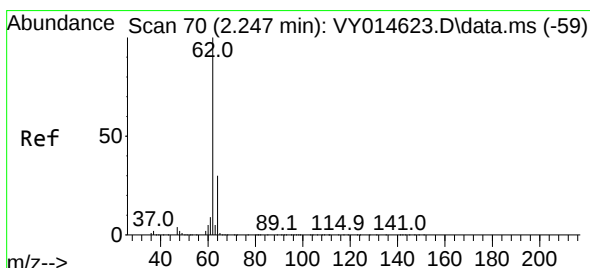
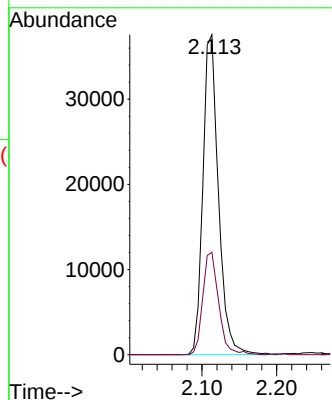
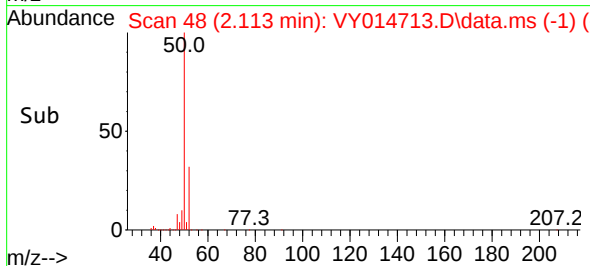
Instrument :
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Tgt Ion: 50 Resp: 5434
Ion Ratio Lower Upper
50 100
52 32.0 25.4 38.2

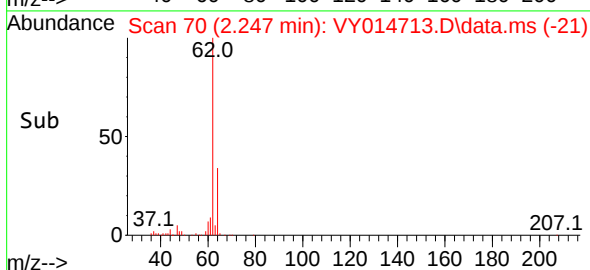
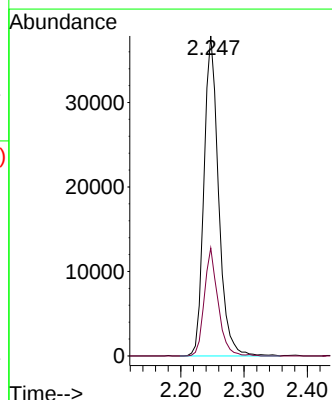
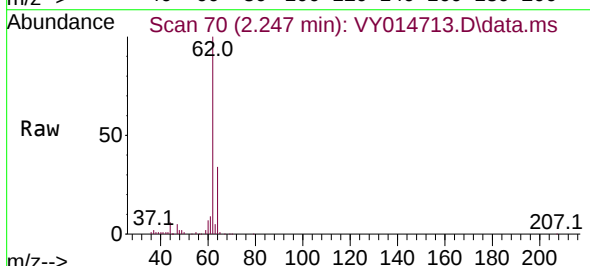
Manual Integrations
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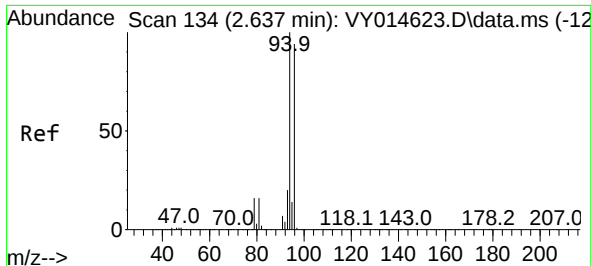
Reviewed By :John Carlone 07/21/2023
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#4
Vinyl Chloride
Concen: 25.788 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

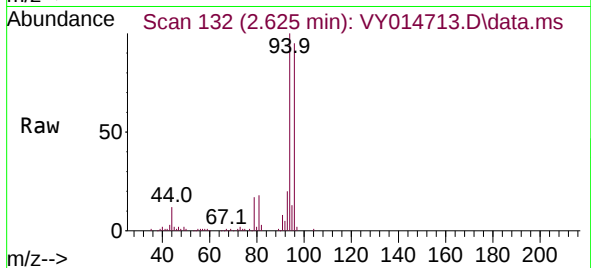
Tgt Ion: 62 Resp: 60966
Ion Ratio Lower Upper
62 100
64 33.8 24.3 36.5





#5
Bromomethane
Concen: 27.393 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

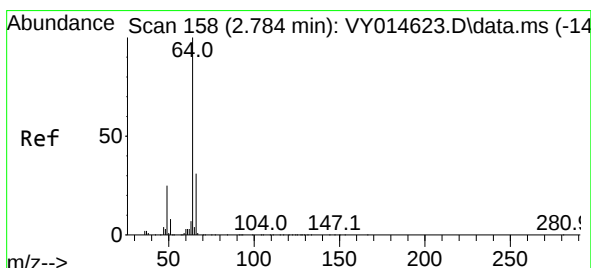
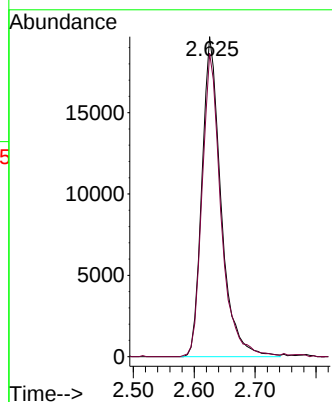
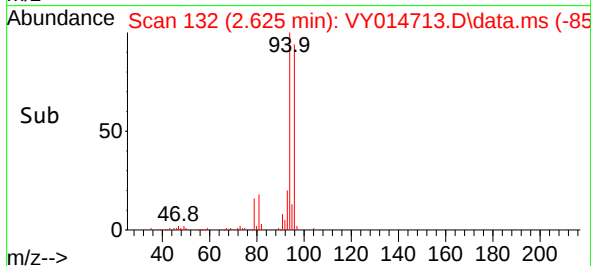
Instrument :
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ClientSampleId :
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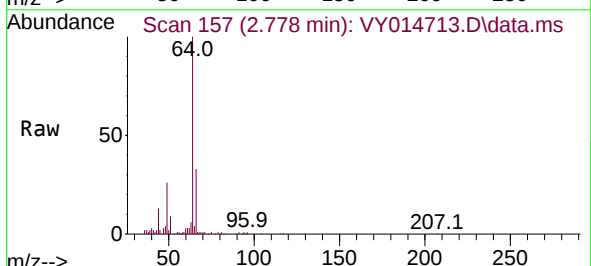
Tgt Ion: 94 Resp: 42798
Ion Ratio Lower Upper
94 100
96 94.8 75.8 113.6

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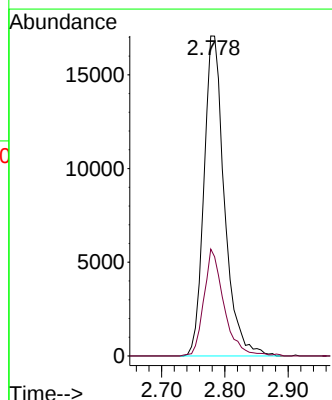
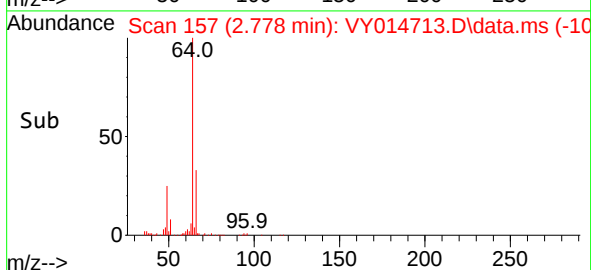
Reviewed By :John Carlone 07/21/2023
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#6
Chloroethane
Concen: 26.040 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09



Tgt Ion: 64 Resp: 38454
Ion Ratio Lower Upper
64 100
66 33.4 24.4 36.6





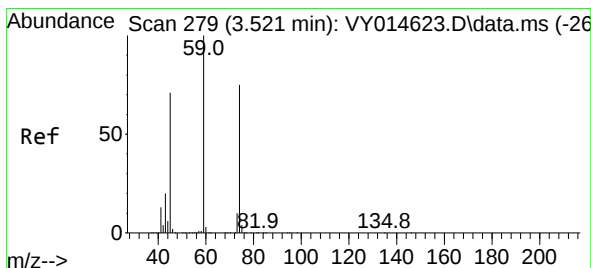
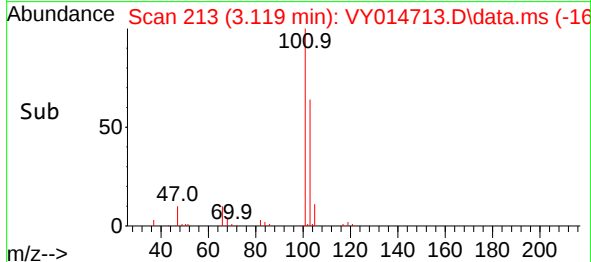
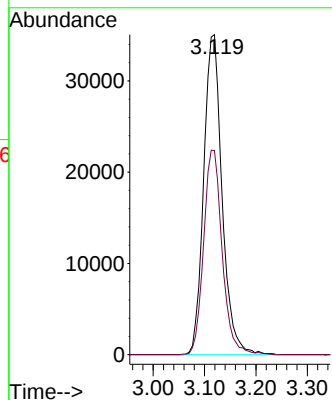
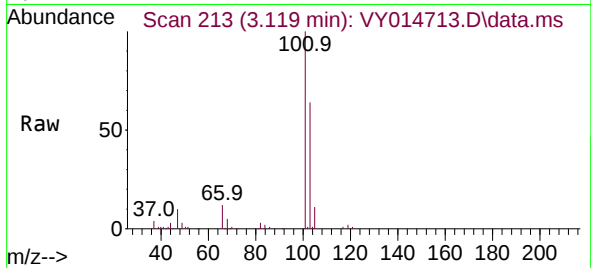
#7
Trichlorofluoromethane
Concen: 21.952 ug/l
RT: 3.119 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

Tgt Ion:101 Resp: 8716
Ion Ratio Lower Upper
101 100
103 63.8 51.4 77.0

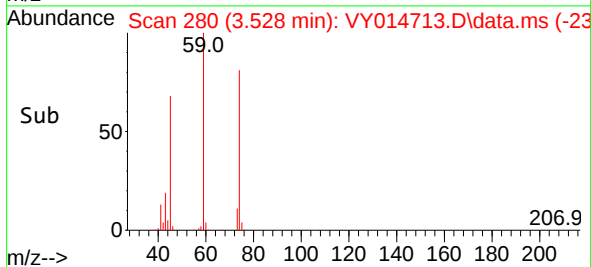
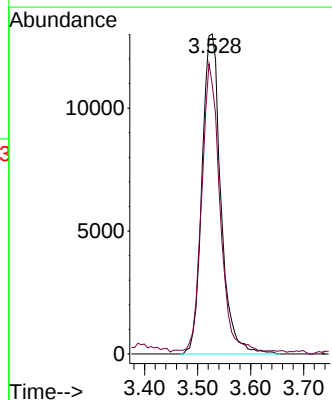
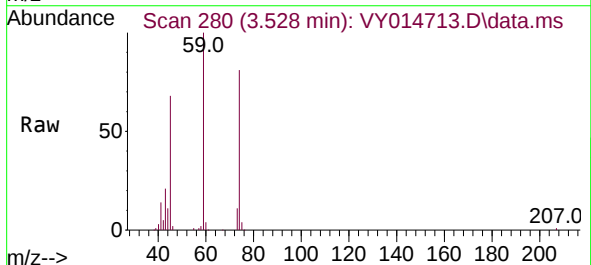
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#8
Diethyl Ether
Concen: 21.695 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.007 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Tgt Ion: 74 Resp: 32051
Ion Ratio Lower Upper
74 100
45 86.3 51.5 154.5





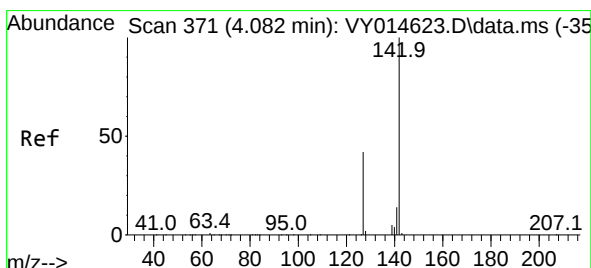
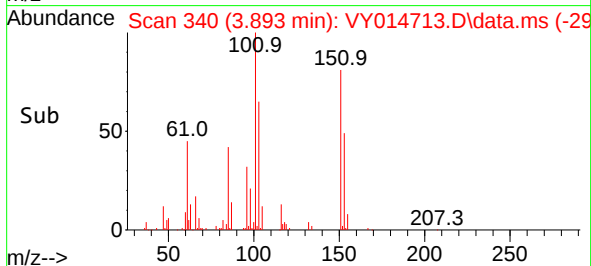
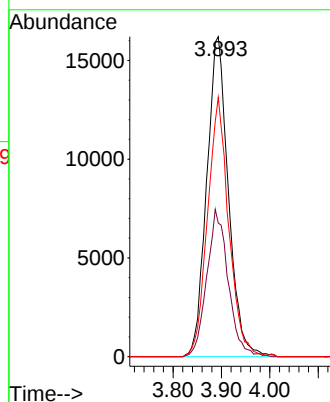
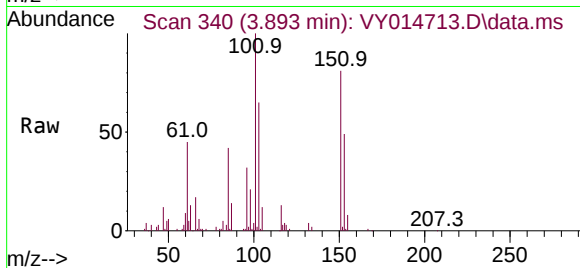
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.722 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

Tgt Ion:101 Resp: 5043
Ion Ratio Lower Upper
101 100
85 45.4 36.6 55.0
151 79.1 67.0 100.6

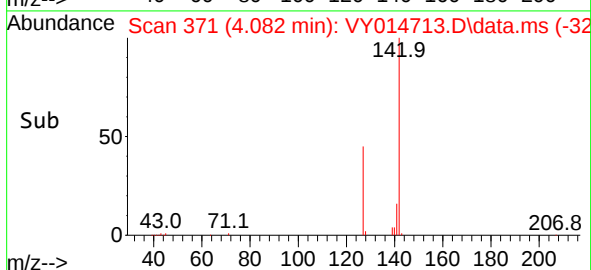
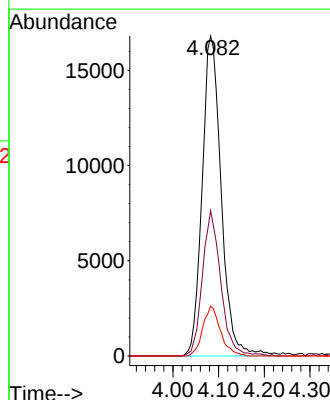
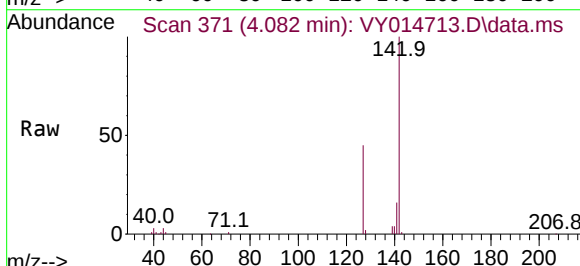
Manual Integrations
APPROVED

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



#10
Methyl Iodide
Concen: 20.362 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Tgt Ion:142 Resp: 48728
Ion Ratio Lower Upper
142 100
127 43.7 37.6 56.4
141 14.5 11.8 17.8





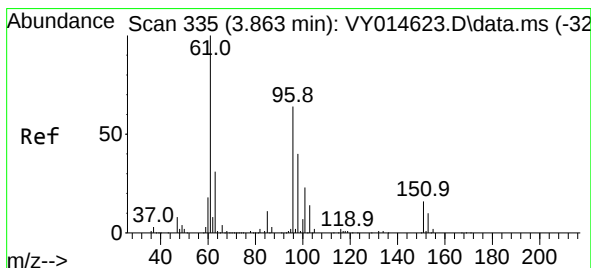
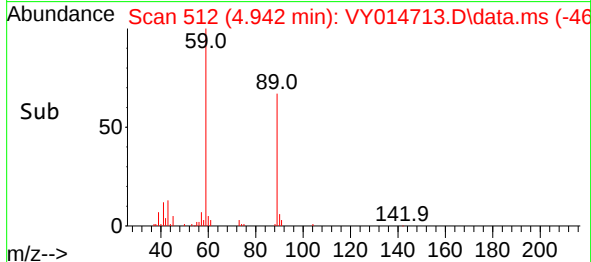
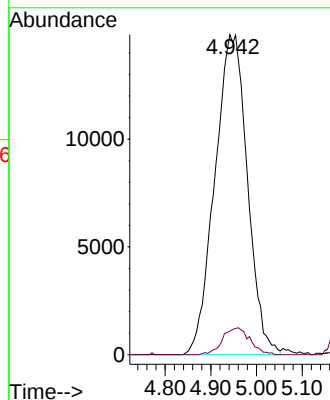
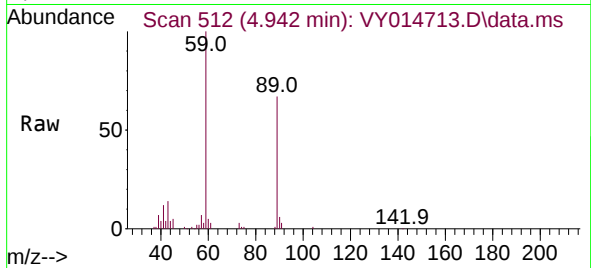
#11
Tert butyl alcohol
Concen: 124.812 ug/l
RT: 4.942 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

Tgt Ion: 59 Resp: 7359
Ion Ratio Lower Upper
59 100
57 7.1 3.0 4.4

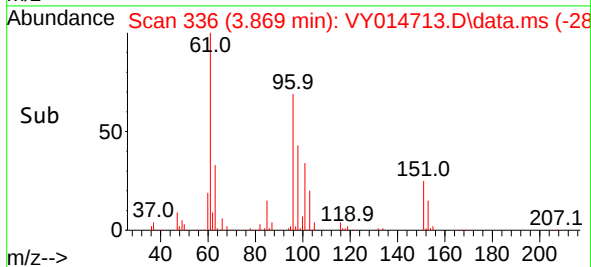
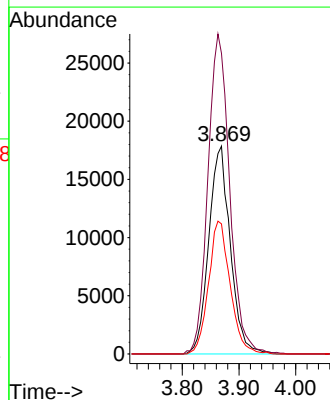
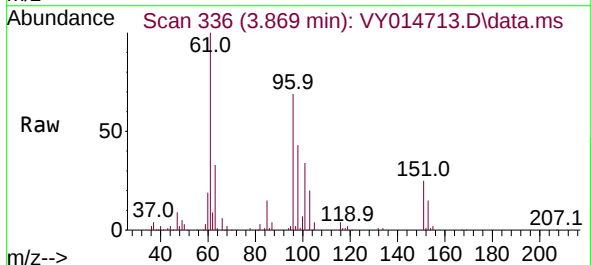
Manual Integrations
APPROVED

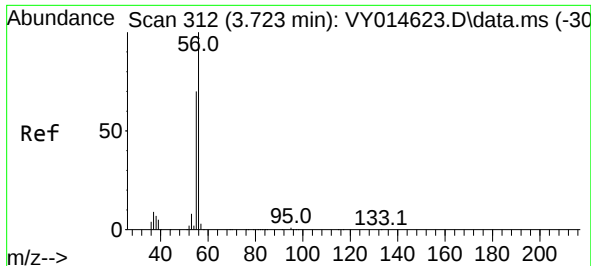
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#12
1,1-Dichloroethene
Concen: 20.724 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

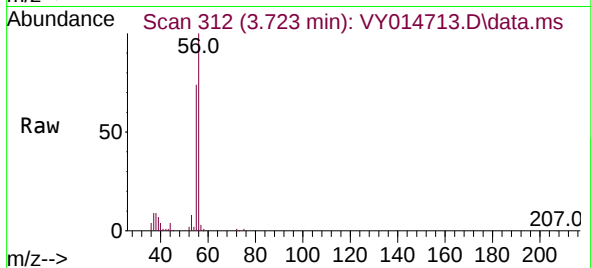
Tgt Ion: 96 Resp: 47138
Ion Ratio Lower Upper
96 100
61 144.7 136.4 204.6
98 62.6 49.4 74.2





#13
Acrolein
Concen: 111.048 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

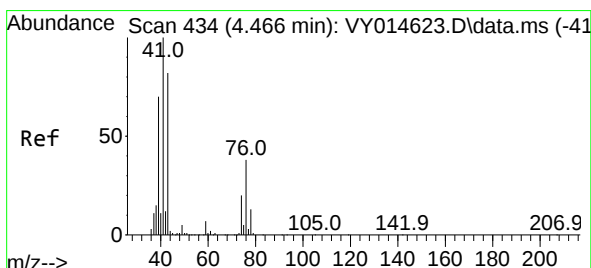
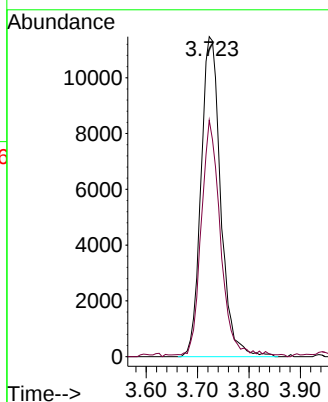
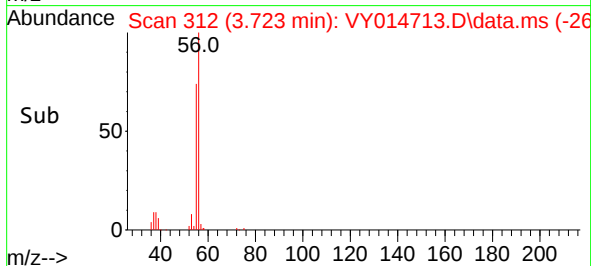
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01



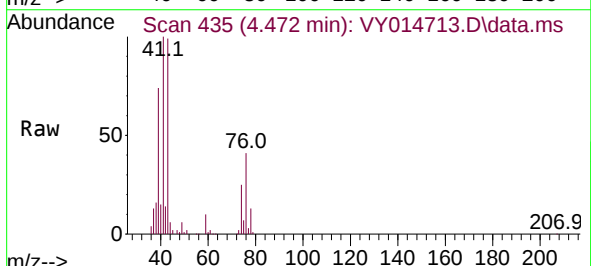
Tgt Ion: 56 Resp: 30550
Ion Ratio Lower Upper
56 100
55 69.9 57.0 85.4

Manual Integrations
APPROVED

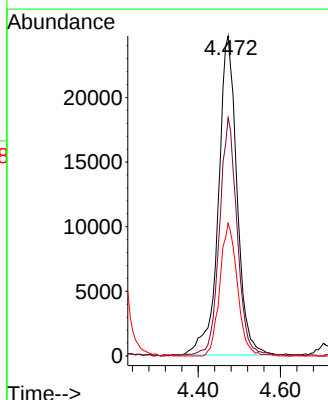
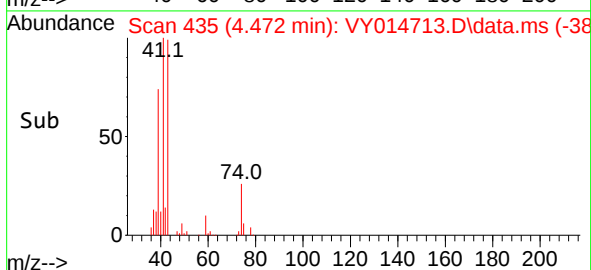
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

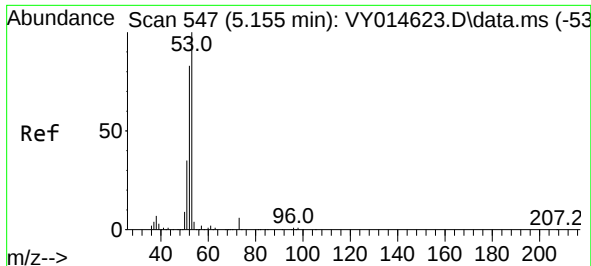


#14
Allyl chloride
Concen: 19.236 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09



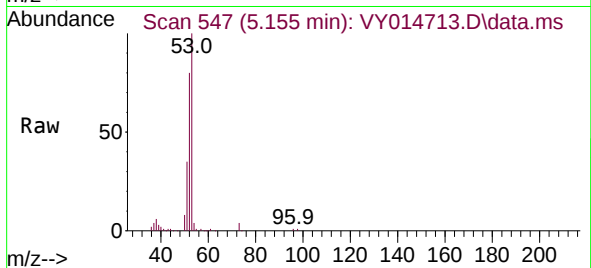
Tgt Ion: 41 Resp: 77688
Ion Ratio Lower Upper
41 100
39 71.8 58.0 87.0
76 39.0 27.4 41.2





#15
Acrylonitrile
Concen: 111.985 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

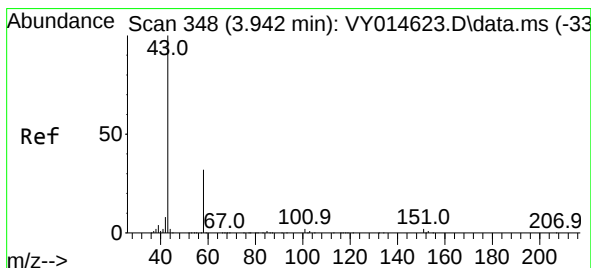
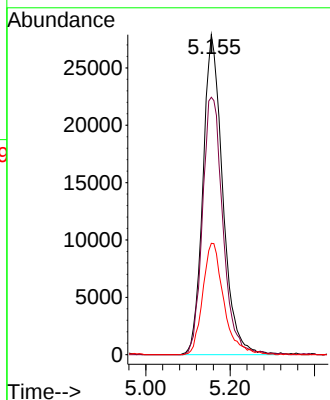
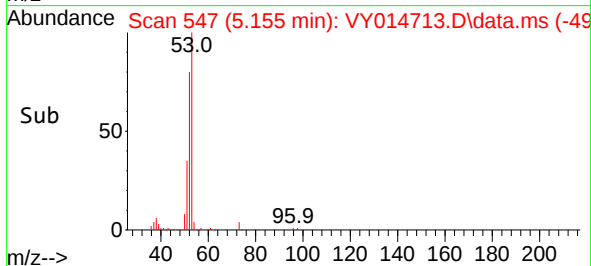
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01



Tgt Ion: 53 Resp: 91229
Ion Ratio Lower Upper
53 100
52 83.1 66.9 100.3
51 37.0 29.8 44.6

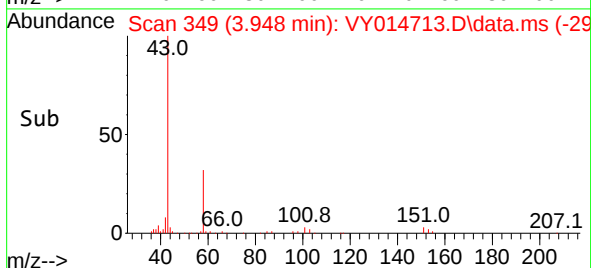
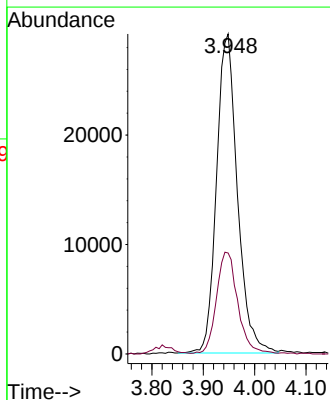
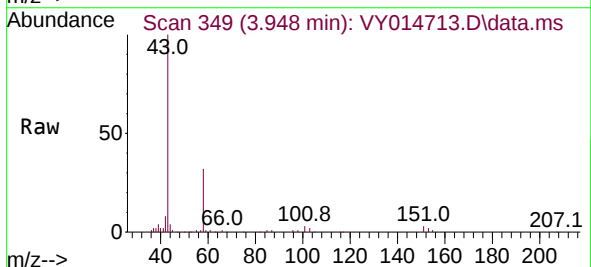
Manual Integrations
APPROVED

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



#16
Acetone
Concen: 98.601 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

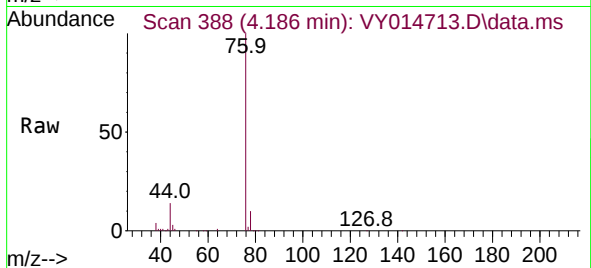
Tgt Ion: 43 Resp: 82241
Ion Ratio Lower Upper
43 100
58 31.4 22.7 34.1





#17
Carbon Disulfide
Concen: 20.614 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

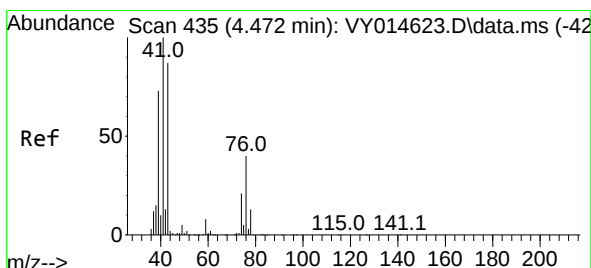
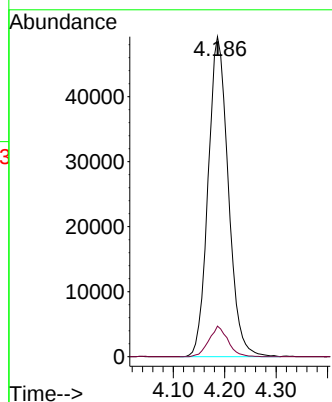
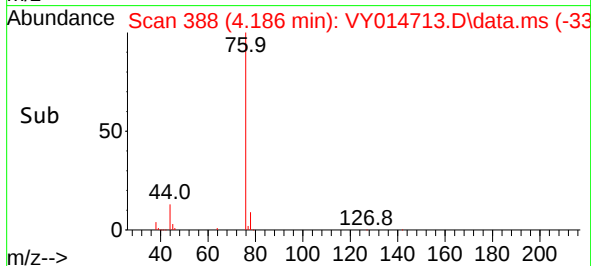
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01



Tgt Ion: 76 Resp: 13424
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.4

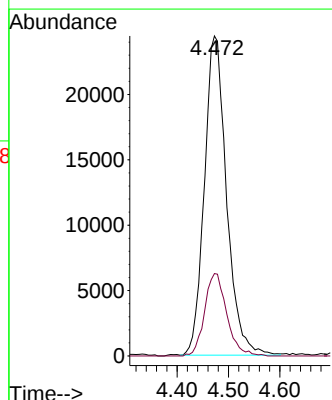
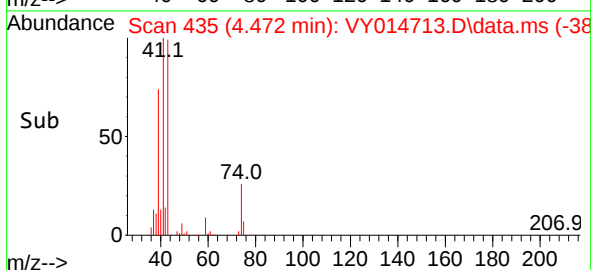
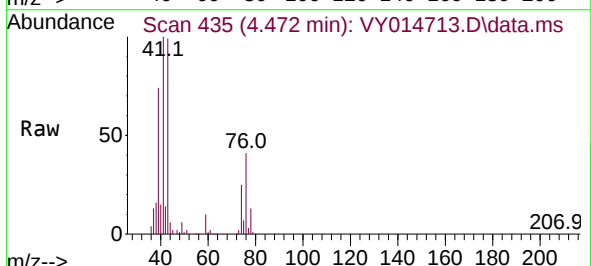
Manual Integrations
APPROVED

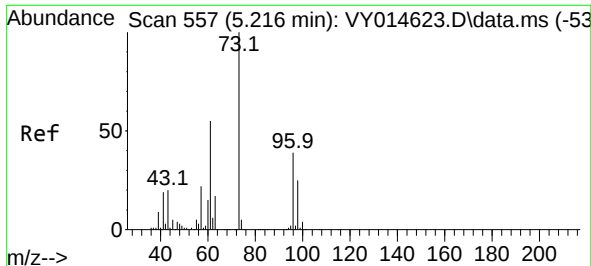
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#18
Methyl Acetate
Concen: 22.854 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Tgt Ion: 43 Resp: 73152
Ion Ratio Lower Upper
43 100
74 25.8 17.4 26.0





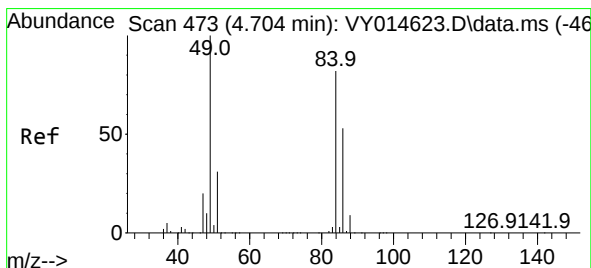
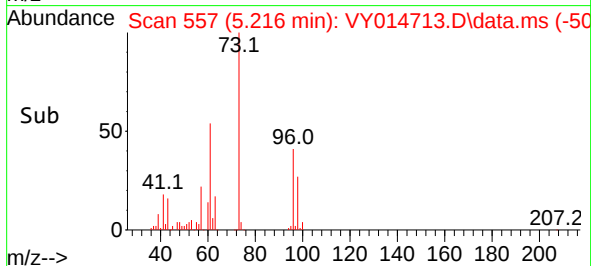
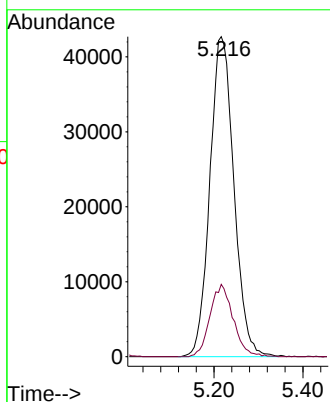
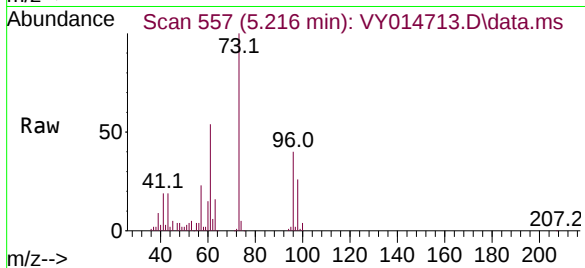
#19
Methyl tert-butyl Ether
Concen: 21.677 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

Tgt Ion: 73 Resp: 16016
Ion Ratio Lower Upper
73 100
57 22.6 17.3 25.9

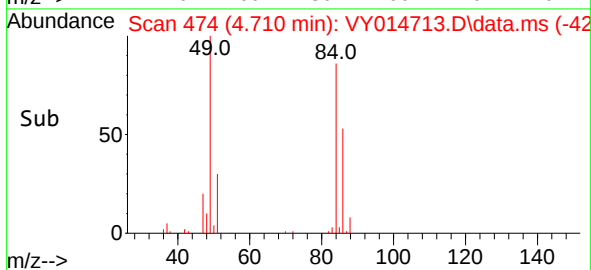
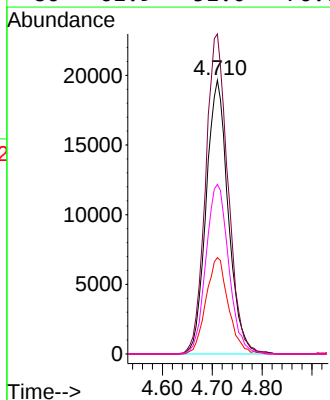
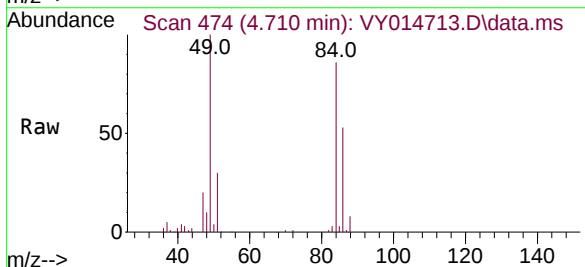
Manual Integrations
APPROVED

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



#20
Methylene Chloride
Concen: 19.800 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

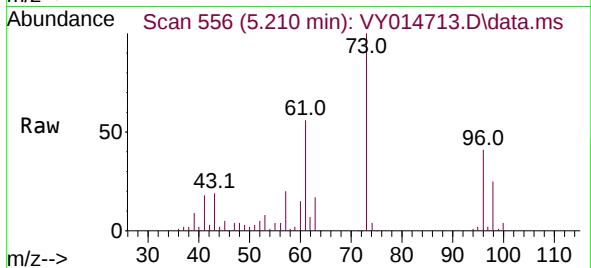
Tgt Ion: 84 Resp: 60562
Ion Ratio Lower Upper
84 100
49 116.9 106.9 160.3
51 35.2 33.2 49.8
86 61.9 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 20.999 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

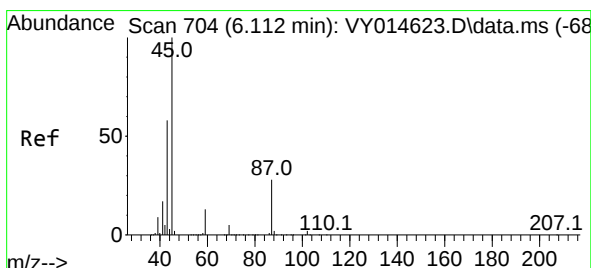
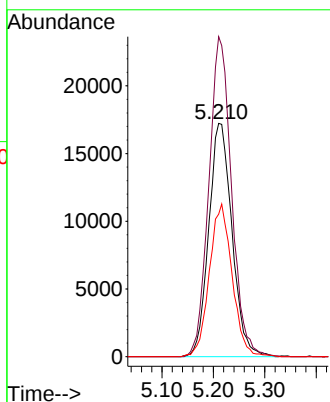
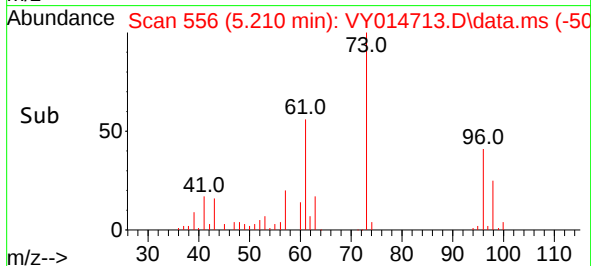
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01



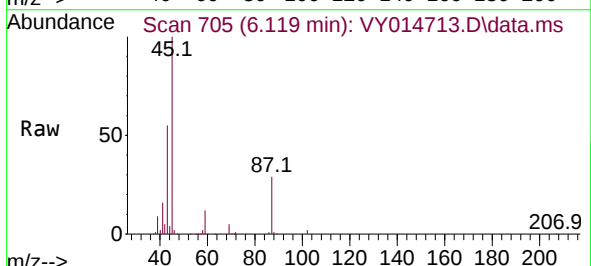
Tgt Ion: 96 Resp: 54204
Ion Ratio Lower Upper
96 100
61 137.2 110.2 165.4
98 61.1 51.8 77.6

Manual Integrations
APPROVED

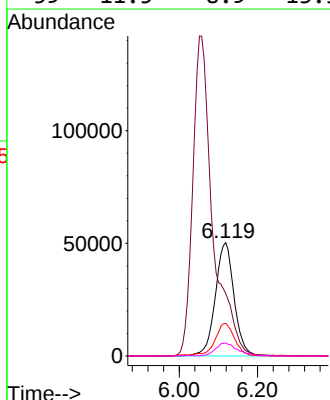
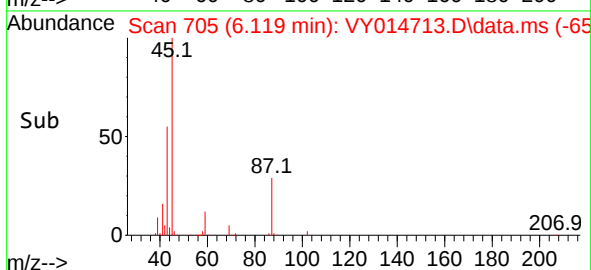
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

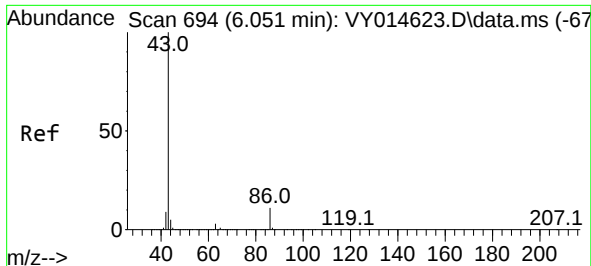


#22
Diisopropyl ether
Concen: 20.475 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.007 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09



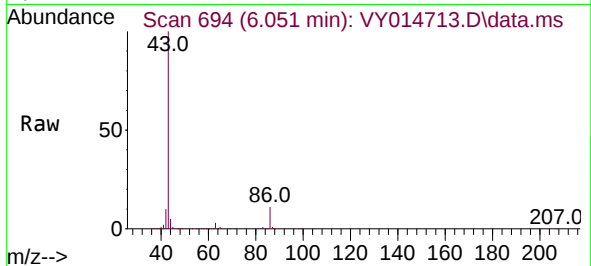
Tgt Ion: 45 Resp: 168120
Ion Ratio Lower Upper
45 100
43 54.8 52.2 78.4
87 28.8 21.0 31.6
59 11.5 8.9 13.3





#23
 Vinyl Acetate
 Concen: 102.906 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY014713.D
 Acq: 20 Jul 2023 12:09

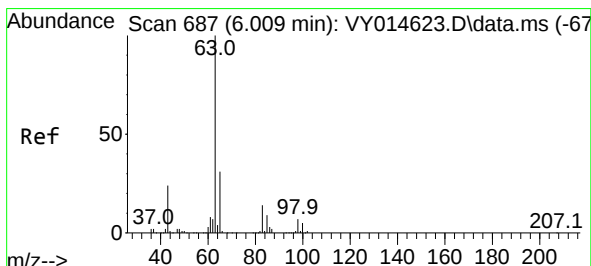
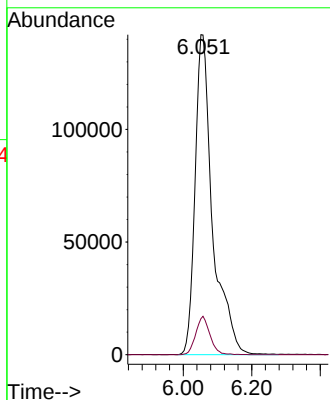
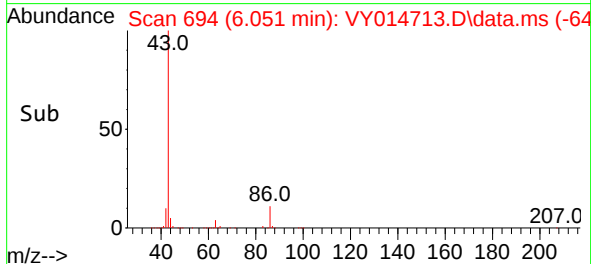
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0720SBS01



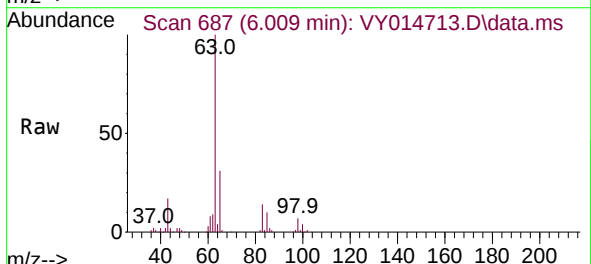
Tgt Ion: 43 Resp: 50564
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.5 11.3

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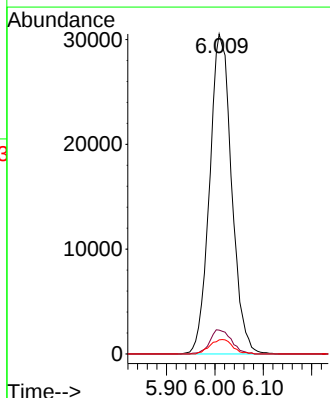
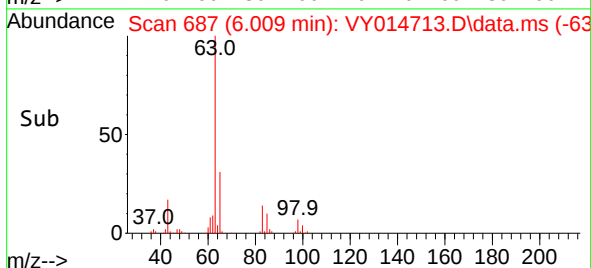
Reviewed By :John Carlone 07/21/2023
 Supervised By :Mahesh Dadoda 07/21/2023



#24
 1,1-Dichloroethane
 Concen: 20.508 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY014713.D
 Acq: 20 Jul 2023 12:09



Tgt Ion: 63 Resp: 96348
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.1 9.4
 100 4.4 1.8 5.5





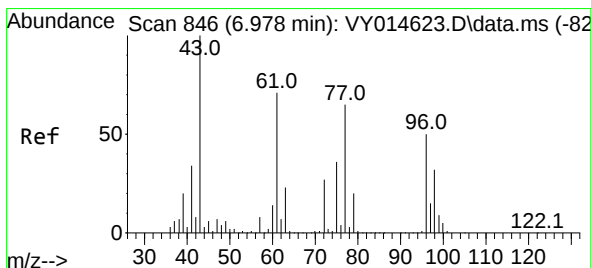
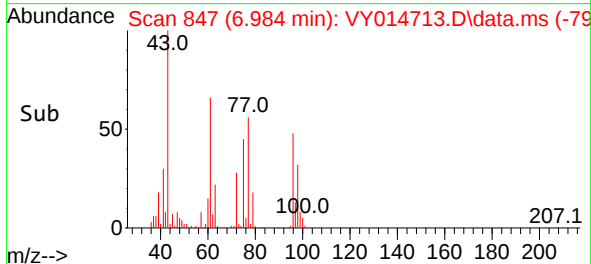
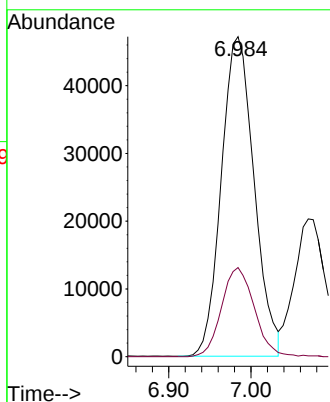
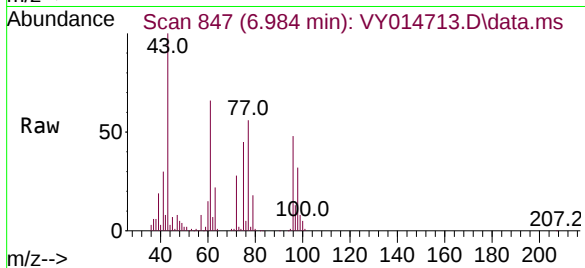
#25
2-Butanone
Concen: 107.305 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

Tgt Ion: 43 Resp: 130940
Ion Ratio Lower Upper
43 100
72 27.9 20.5 30.7

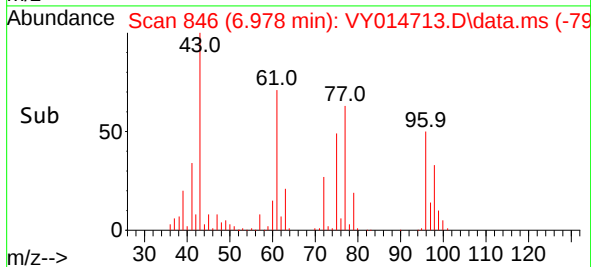
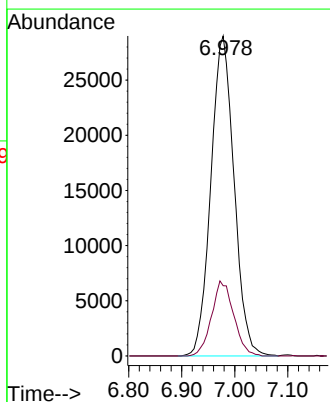
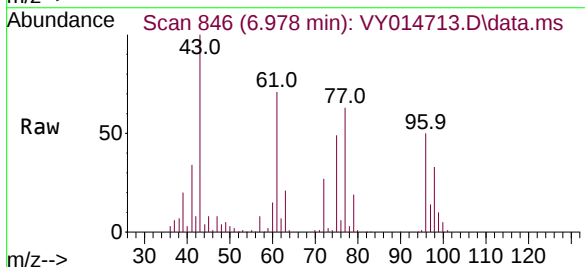
Manual Integrations
APPROVED

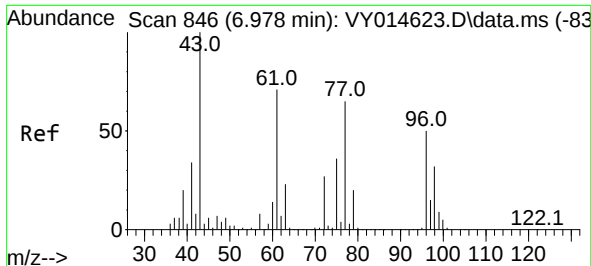
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#26
2,2-Dichloropropane
Concen: 19.670 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Tgt Ion: 77 Resp: 88072
Ion Ratio Lower Upper
77 100
97 22.4 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 21.194 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY014713.D

Acq: 20 Jul 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0720SBS01

Tgt Ion: 96 Resp: 63679

Ion Ratio Lower Upper

96 100

61 141.3 0.0 301.4

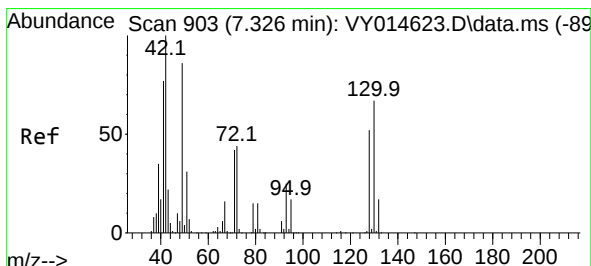
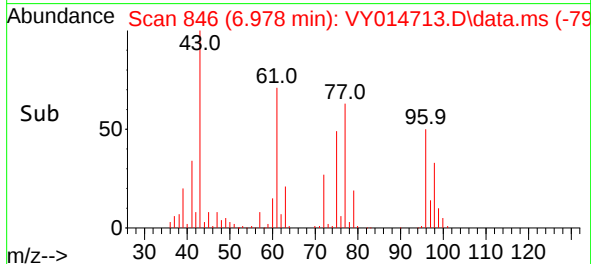
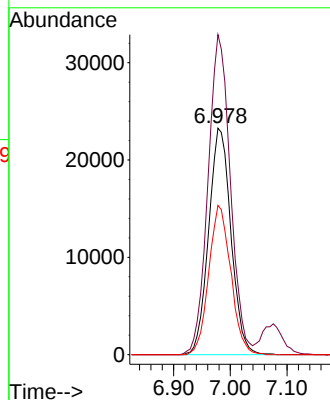
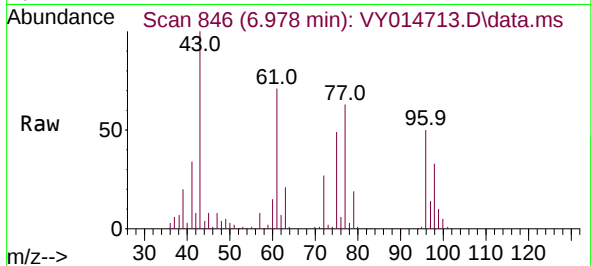
98 65.0 0.0 130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2023

Supervised By :Mahesh Dadoda 07/21/2023



#28

Bromochloromethane

Concen: 22.939 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.006 min

Lab File: VY014713.D

Acq: 20 Jul 2023 12:09

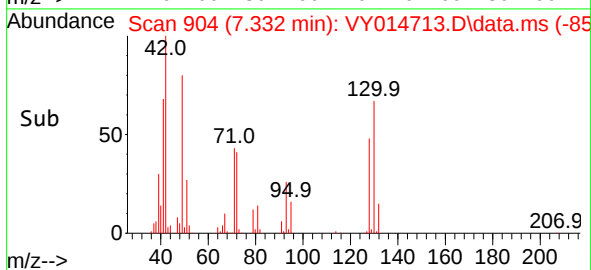
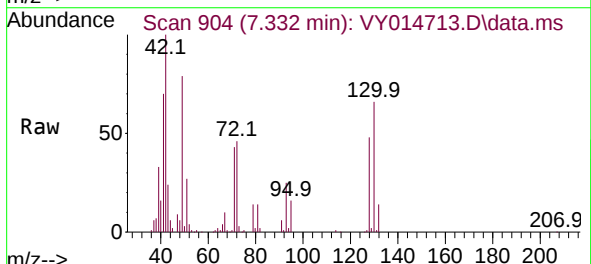
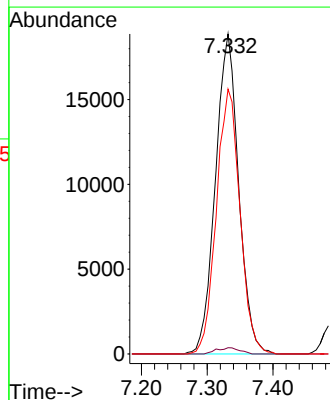
Tgt Ion: 49 Resp: 46414

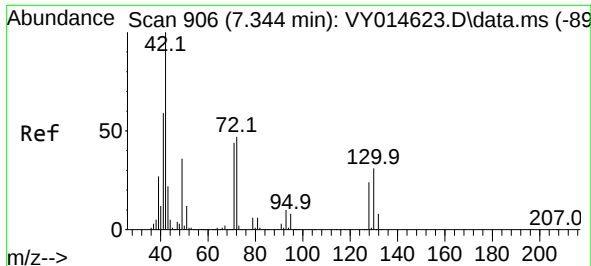
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.6

130 83.9 60.7 91.1





#29

Tetrahydrofuran

Concen: 113.796 ug/l

RT: 7.338 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY014713.D

Acq: 20 Jul 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0720SBS01

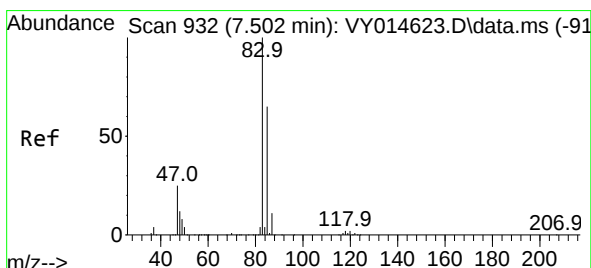
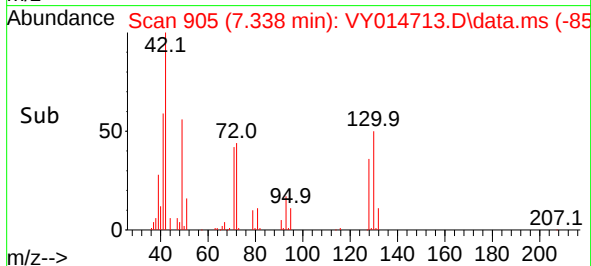
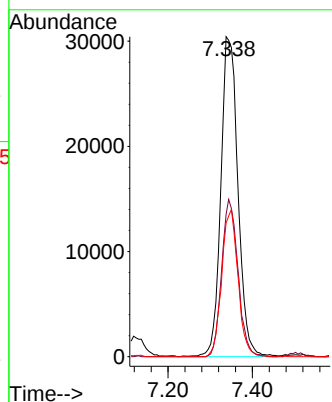
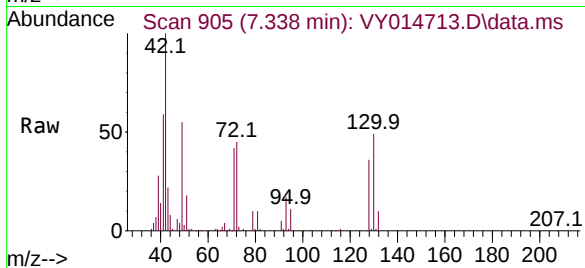
Tgt Ion:	42	Resp:	85504
Ion Ratio	Lower	Upper	
42	100		
72	46.7	32.8	49.2
71	43.5	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2023

Supervised By :Mahesh Dadoda 07/21/2023



#30

Chloroform

Concen: 21.041 ug/l

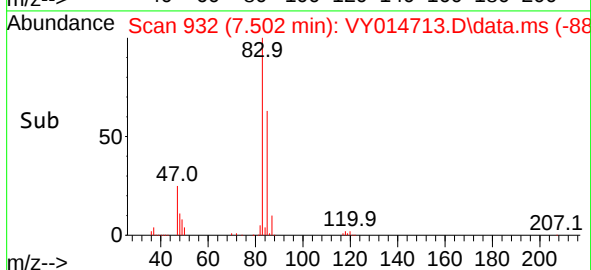
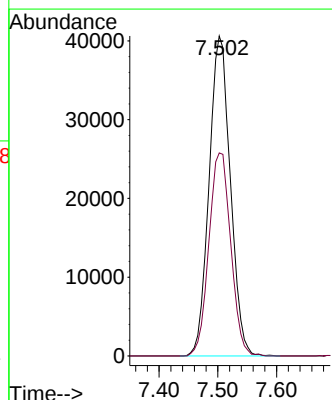
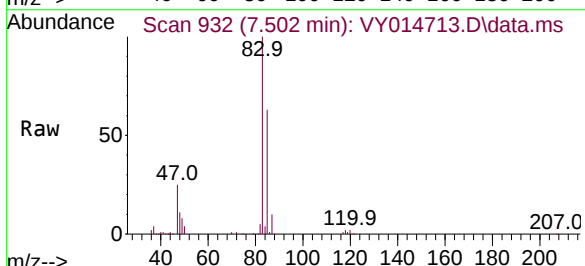
RT: 7.502 min Scan# 932

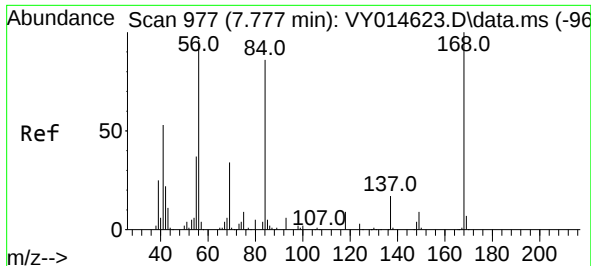
Delta R.T. 0.000 min

Lab File: VY014713.D

Acq: 20 Jul 2023 12:09

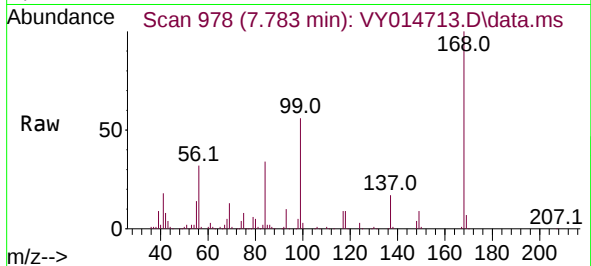
Tgt Ion:	83	Resp:	101938
Ion Ratio	Lower	Upper	
83	100		
85	63.4	49.7	74.5





#31
Cyclohexane
Concen: 19.456 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

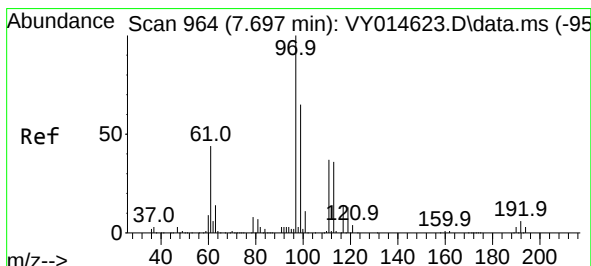
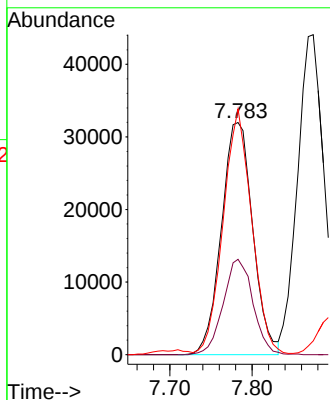
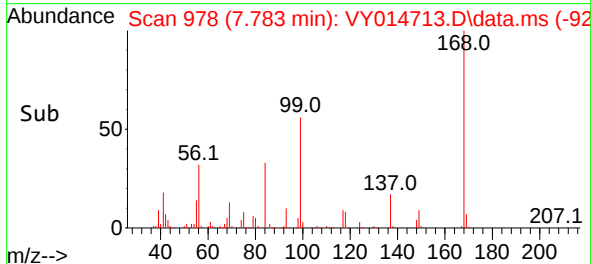
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01



Tgt Ion: 56 Resp: 85008
Ion Ratio Lower Upper
56 100
69 41.1 27.8 41.6
84 103.7 66.4 99.6

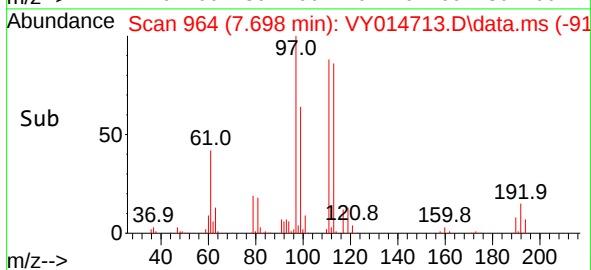
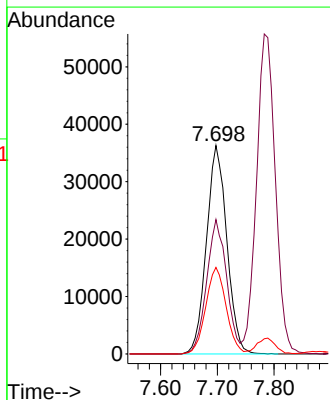
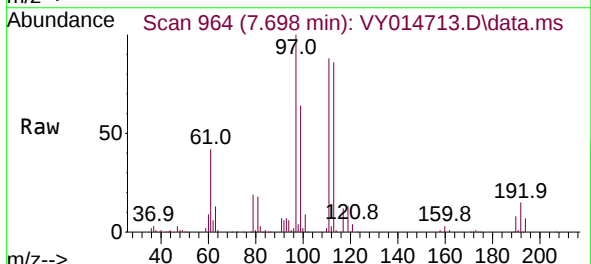
Manual Integrations
APPROVED

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



#32
1,1,1-Trichloroethane
Concen: 20.768 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.001 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

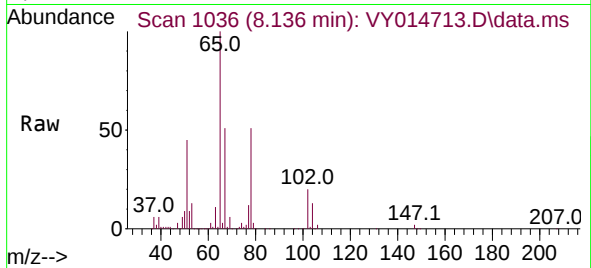
Tgt Ion: 97 Resp: 90556
Ion Ratio Lower Upper
97 100
99 63.2 50.8 76.2
61 41.6 35.1 52.7





#33
1,2-Dichloroethane-d4
Concen: 53.501 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

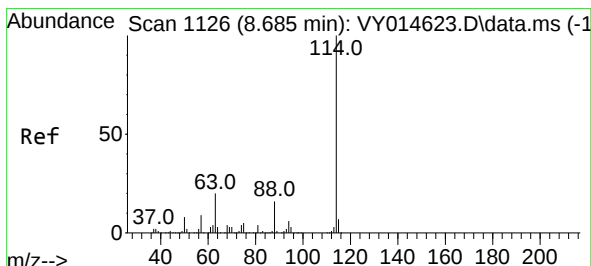
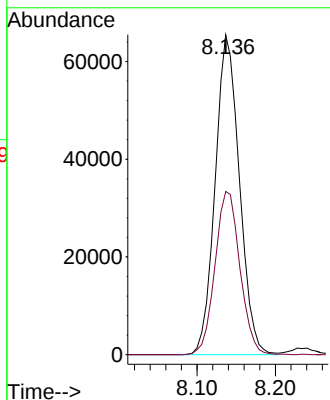
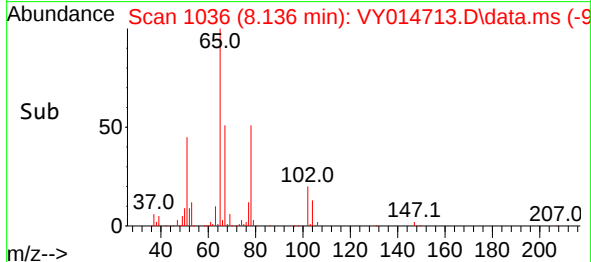
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01



Tgt Ion: 65 Resp: 14082
Ion Ratio Lower Upper
65 100
67 52.5 0.0 101.8

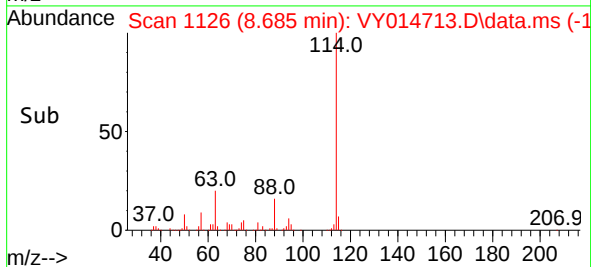
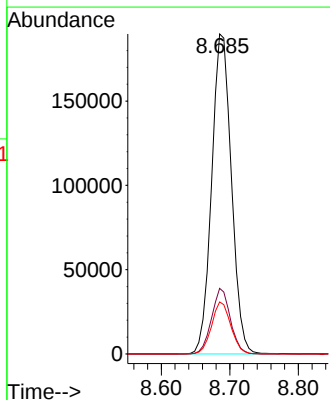
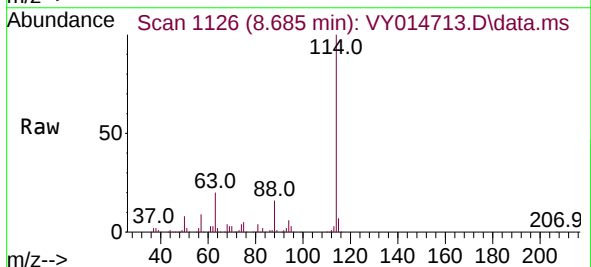
Manual Integrations
APPROVED

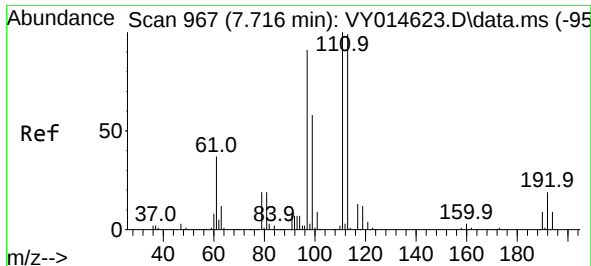
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

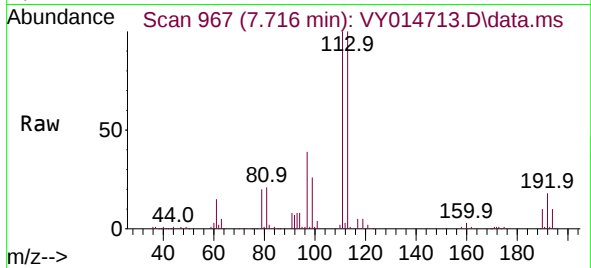
Tgt Ion:114 Resp: 378579
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.4
88 16.3 0.0 30.6





#35
Dibromofluoromethane
Concen: 53.534 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

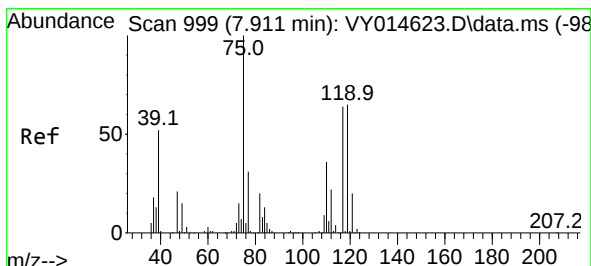
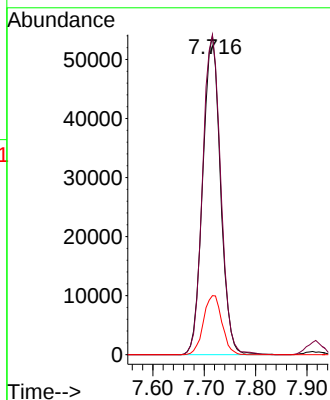
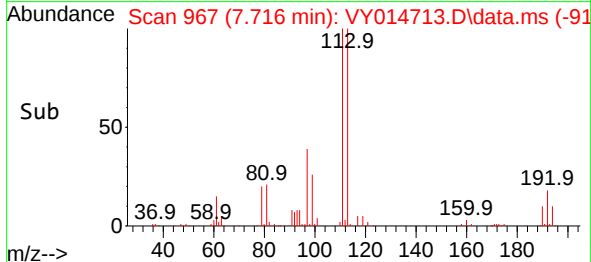
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01



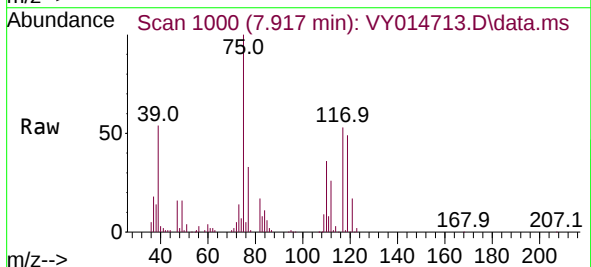
Tgt Ion:113 Resp: 129015
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 19.4 16.9 25.3

Manual Integrations
APPROVED

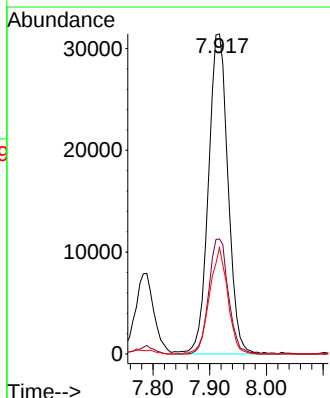
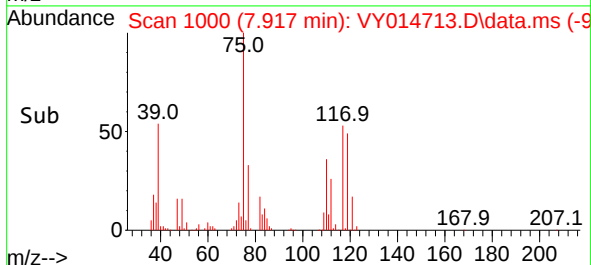
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

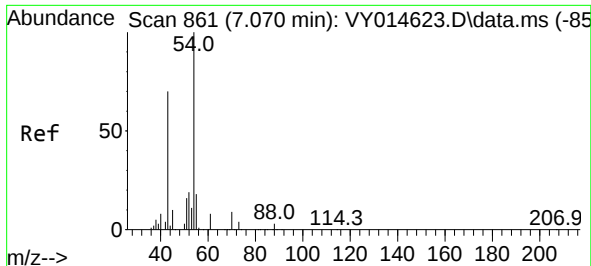


#36
1,1-Dichloropropene
Concen: 20.892 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09



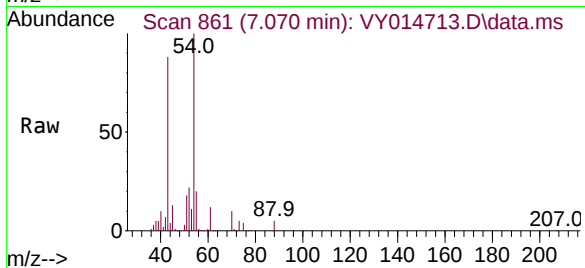
Tgt Ion: 75 Resp: 75295
Ion Ratio Lower Upper
75 100
110 35.8 17.8 53.5
77 31.0 24.4 36.6





#37
Ethyl Acetate
Concen: 22.332 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

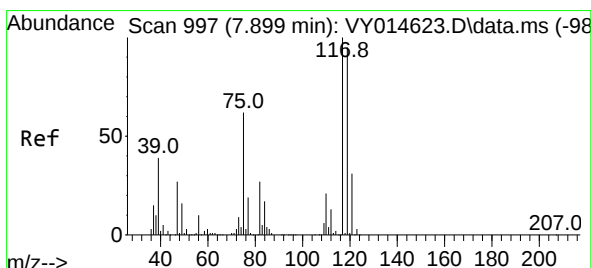
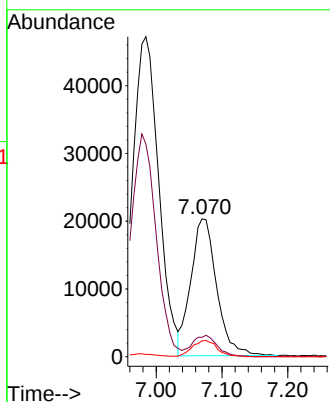
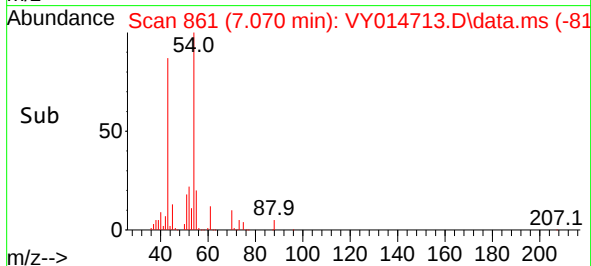
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01



Tgt Ion: 43 Resp: 55414
Ion Ratio Lower Upper
43 100
61 15.1 10.1 15.1
70 11.4 7.1 10.7

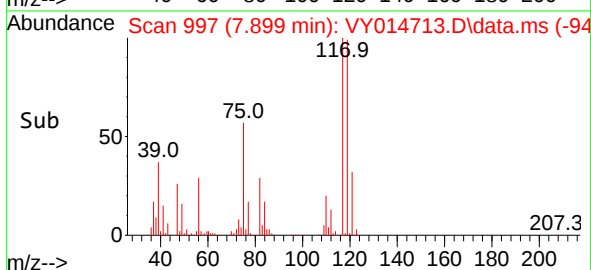
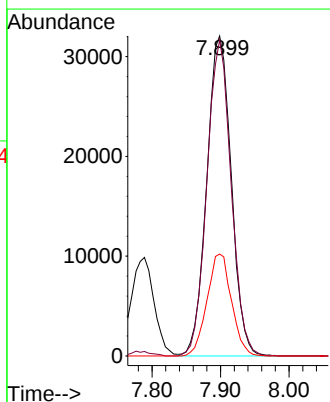
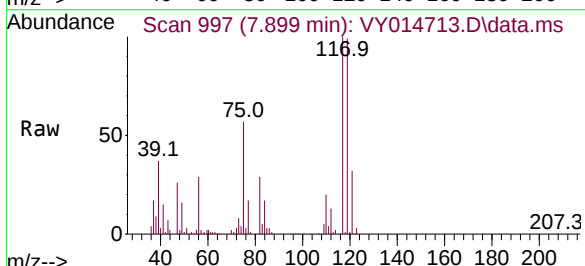
Manual Integrations
APPROVED

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



#38
Carbon Tetrachloride
Concen: 20.948 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Tgt Ion:117 Resp: 79805
Ion Ratio Lower Upper
117 100
119 98.8 76.4 114.6
121 31.8 25.8 38.6





#39

Methylcyclohexane

Concen: 20.255 ug/l

RT: 9.179 min Scan# 1207

Delta R.T. -0.000 min

Lab File: VY014713.D

Acq: 20 Jul 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0720SBS01

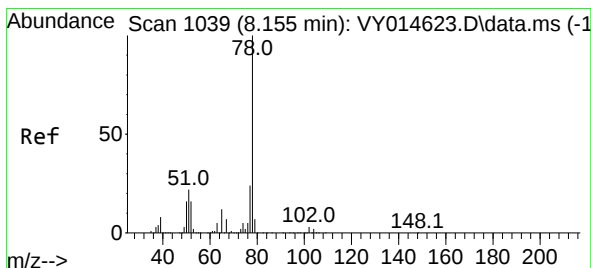
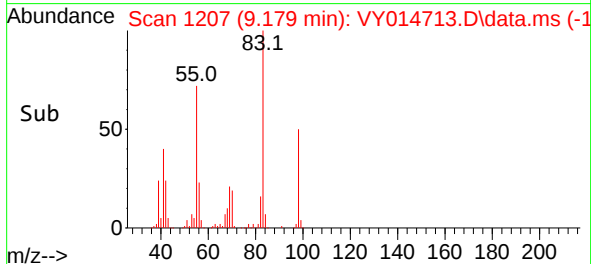
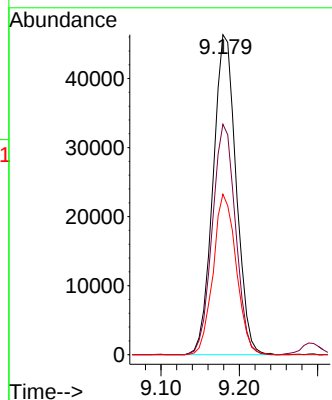
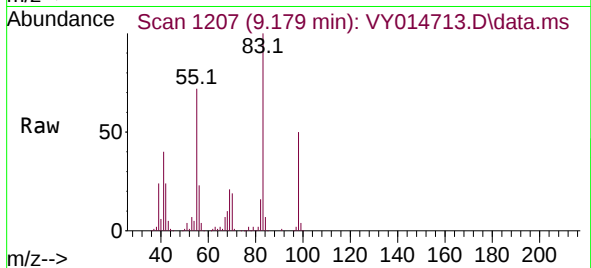
Tgt Ion: 83	Resp: 95104
Ion Ratio	Lower Upper
83 100	
55 72.0	63.0 94.4
98 50.2	37.4 56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2023

Supervised By :Mahesh Dadoda 07/21/2023



#40

Benzene

Concen: 21.200 ug/l

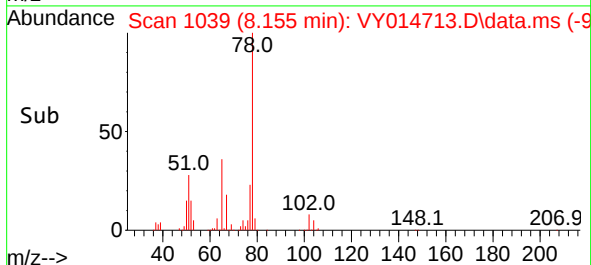
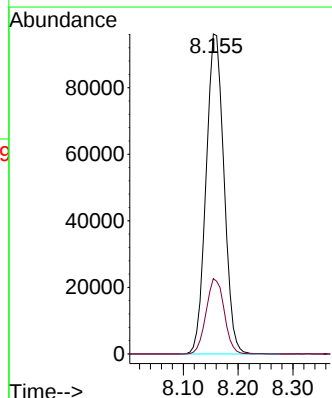
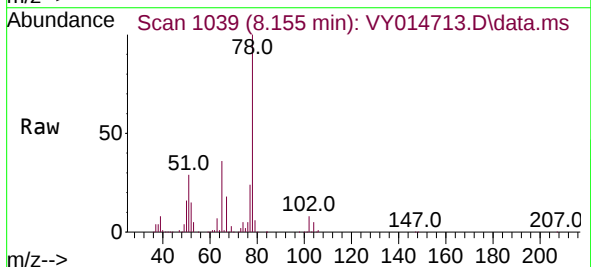
RT: 8.155 min Scan# 1039

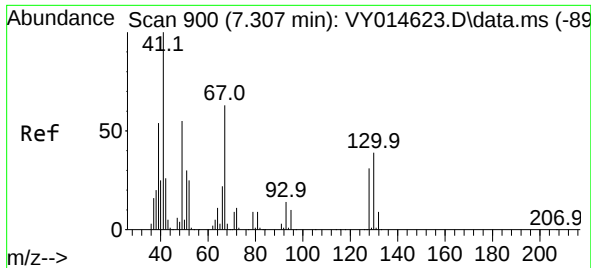
Delta R.T. -0.000 min

Lab File: VY014713.D

Acq: 20 Jul 2023 12:09

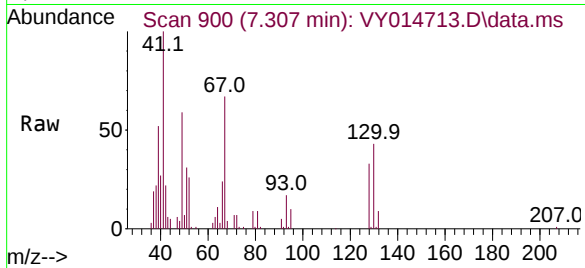
Tgt Ion: 78	Resp: 217294
Ion Ratio	Lower Upper
78 100	
77 23.5	19.0 28.6





#41
Methacrylonitrile
Concen: 22.985 ug/l m
RT: 7.307 min Scan# 900
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

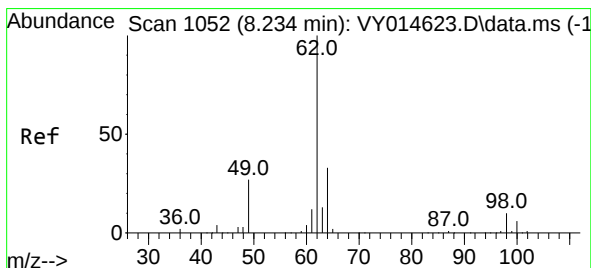
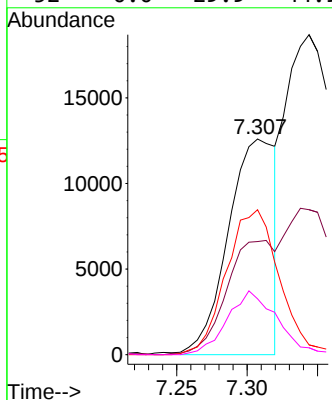
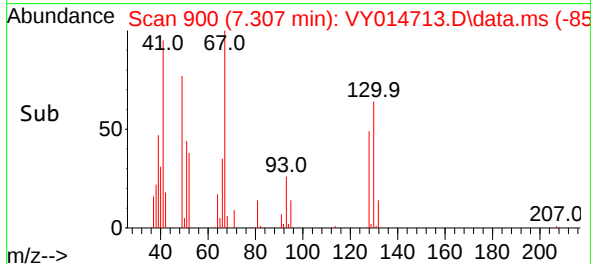
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01



Tgt Ion: 41 Resp: 29330
Ion Ratio Lower Upper
41 100
39 75.1 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9#

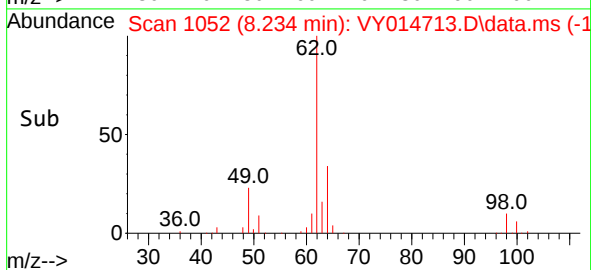
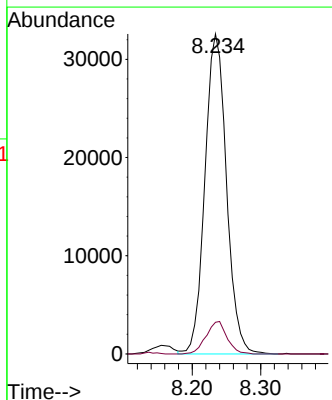
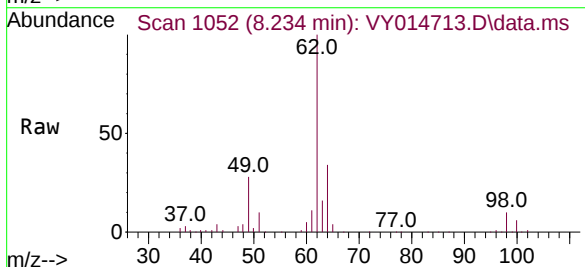
Manual Integrations
APPROVED

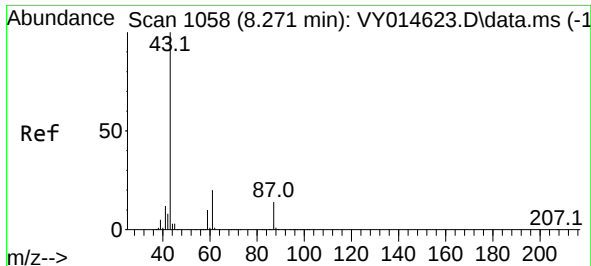
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#42
1,2-Dichloroethane
Concen: 21.975 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

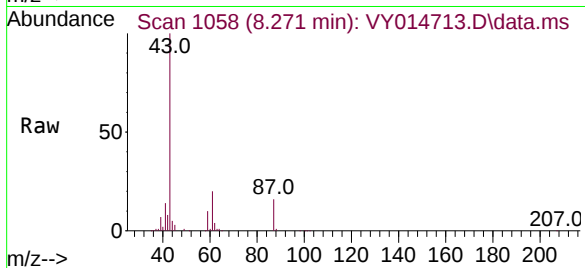
Tgt Ion: 62 Resp: 71327
Ion Ratio Lower Upper
62 100
98 9.9 0.0 15.8





#43
Isopropyl Acetate
Concen: 21.389 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

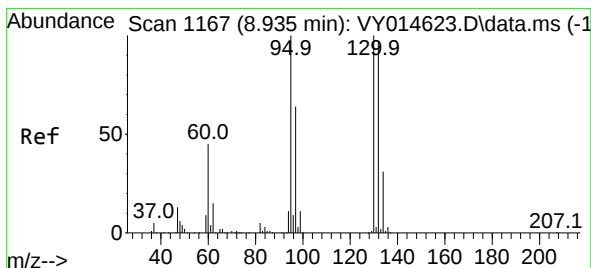
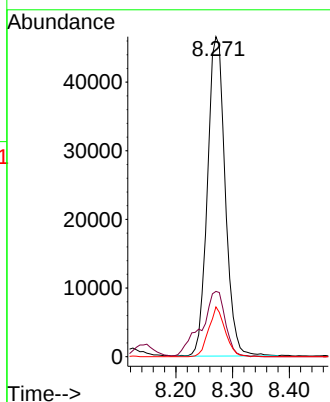
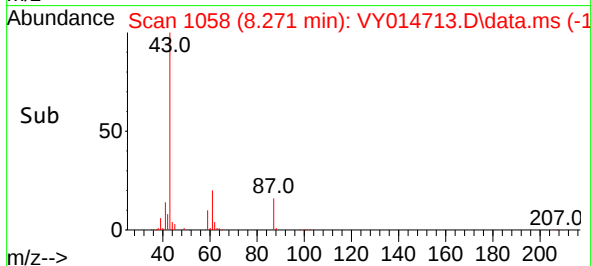
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01



Tgt Ion: 43 Resp: 10110
Ion Ratio Lower Upper
43 100
61 27.9 21.1 31.7
87 14.6 9.8 14.8

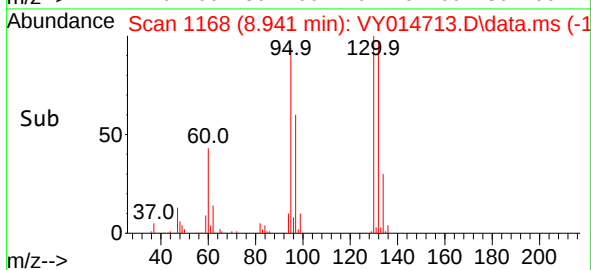
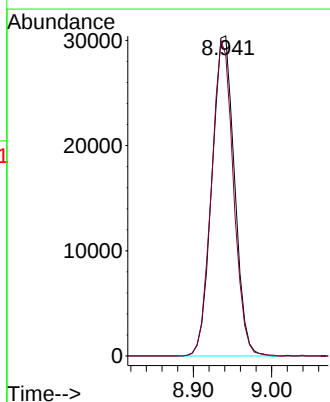
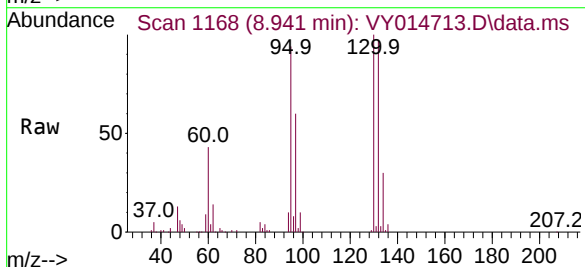
Manual Integrations
APPROVED

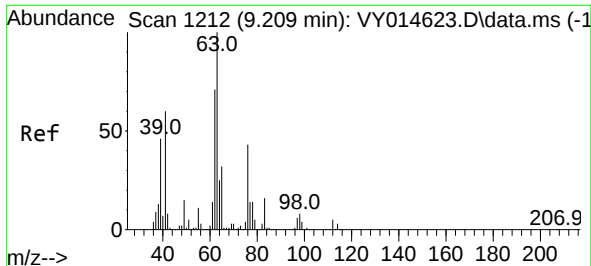
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#44
Trichloroethene
Concen: 21.185 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Tgt Ion:130 Resp: 60756
Ion Ratio Lower Upper
130 100
95 94.3 0.0 196.0





#45

1,2-Dichloropropane

Concen: 20.604 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.007 min

Lab File: VY014713.D

Acq: 20 Jul 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0720SBS01

Tgt Ion: 63 Resp: 5514

Ion Ratio Lower Upper

63 100

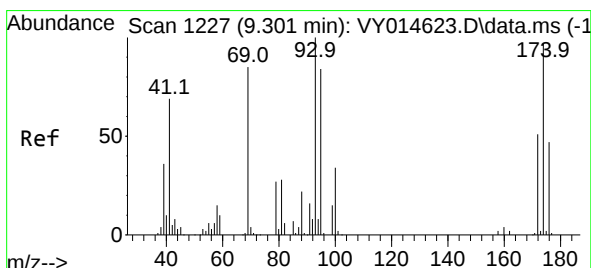
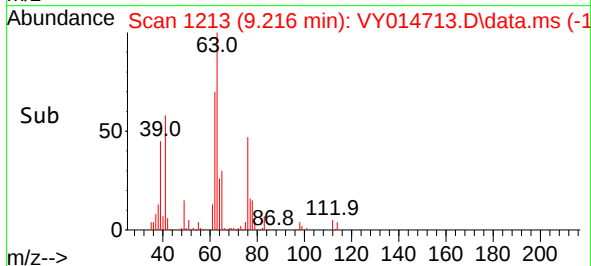
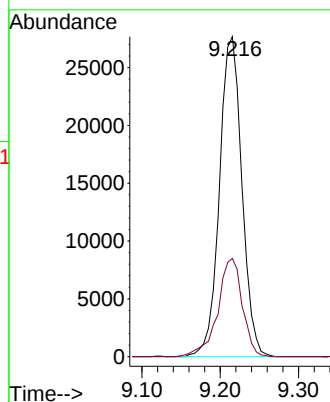
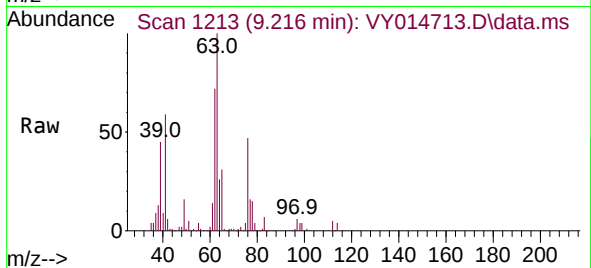
65 30.7 23.8 35.6

Manual Integrations

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Reviewed By :John Carlone 07/21/2023

Supervised By :Mahesh Dadoda 07/21/2023



#46

Dibromomethane

Concen: 21.971 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY014713.D

Acq: 20 Jul 2023 12:09

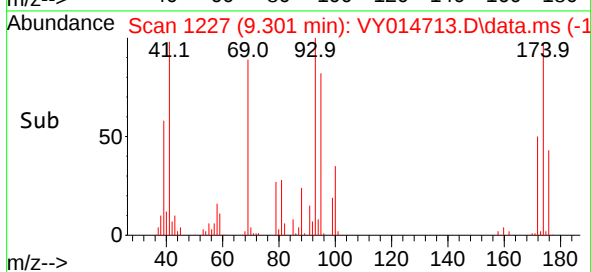
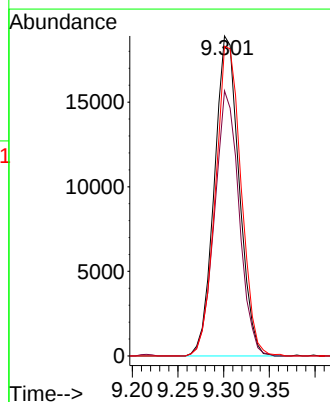
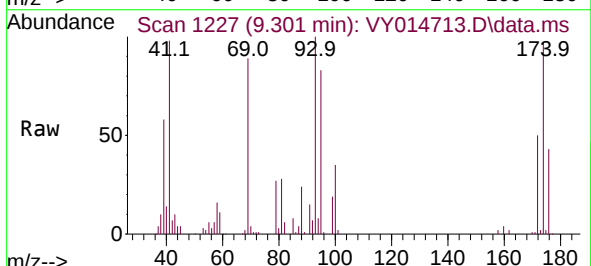
Tgt Ion: 93 Resp: 35674

Ion Ratio Lower Upper

93 100

95 81.8 66.6 100.0

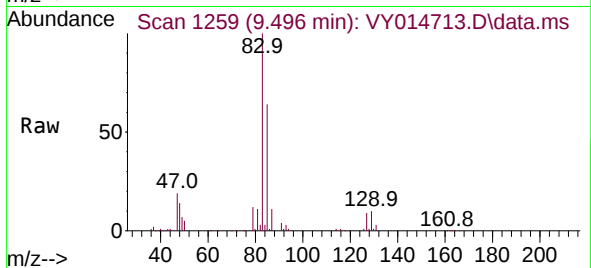
174 100.4 84.8 127.2





#47
Bromodichloromethane
Concen: 21.132 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

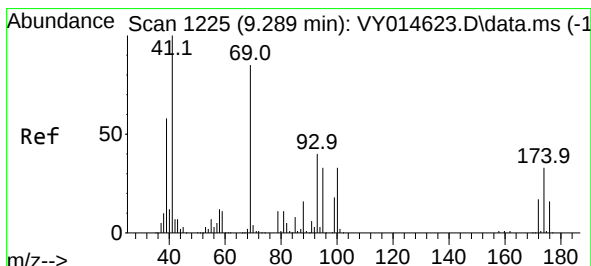
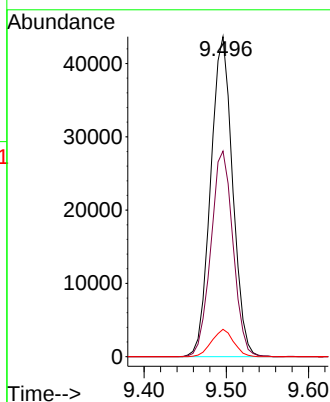
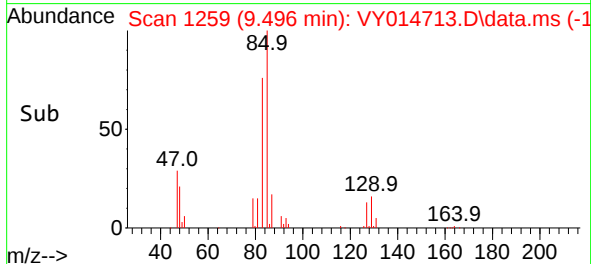
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01



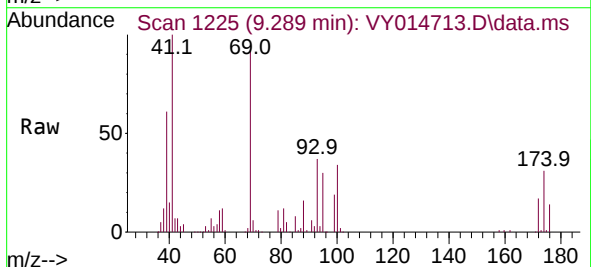
Tgt Ion: 83 Resp: 8087
Ion Ratio Lower Upper
83 100
85 64.2 50.1 75.1
127 8.5 7.1 10.7

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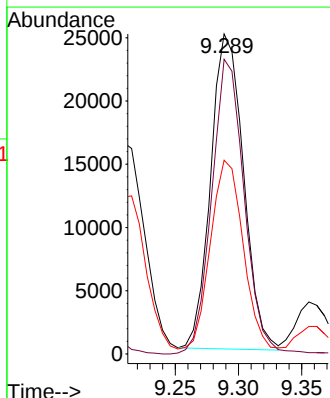
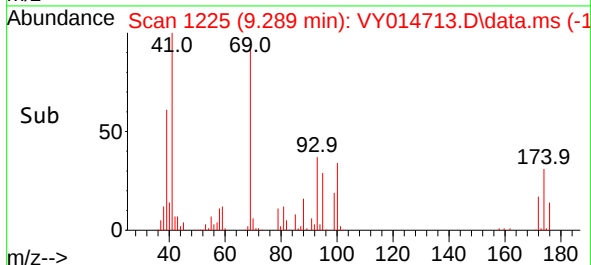
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

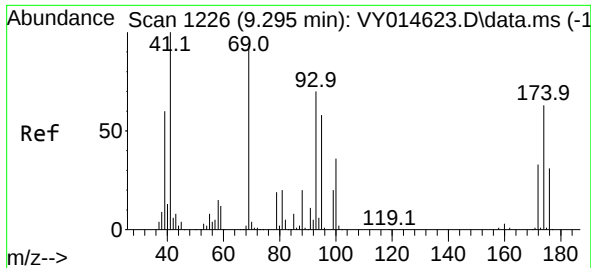


#48
Methyl methacrylate
Concen: 21.114 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09



Tgt Ion: 41 Resp: 44908
Ion Ratio Lower Upper
41 100
69 93.0 64.5 96.7
39 60.1 50.8 76.2





#49

1,4-Dioxane

Concen: 437.607 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY014713.D

Acq: 20 Jul 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0720SBS01

Tgt Ion: 88 Resp: 11580

Ion Ratio Lower Upper

88 100

43 34.4 0.0 0.0

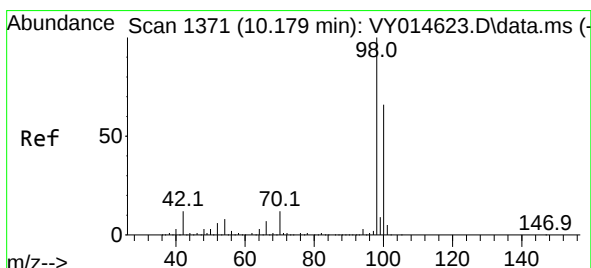
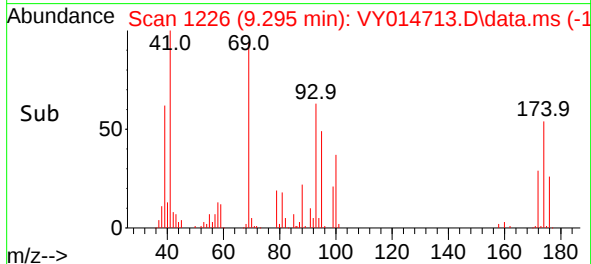
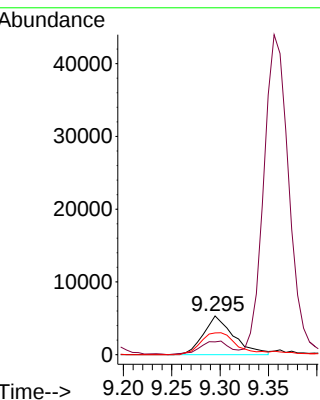
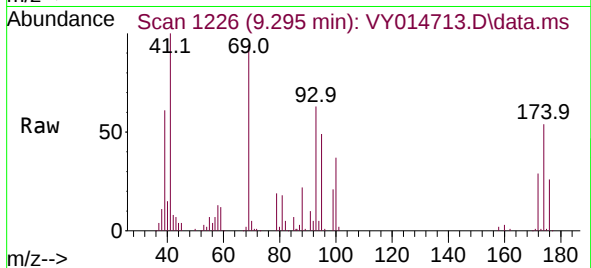
58 66.6 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2023

Supervised By :Mahesh Dadoda 07/21/2023



#50

Toluene-d8

Concen: 52.349 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY014713.D

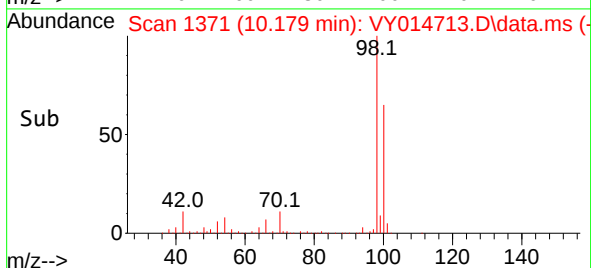
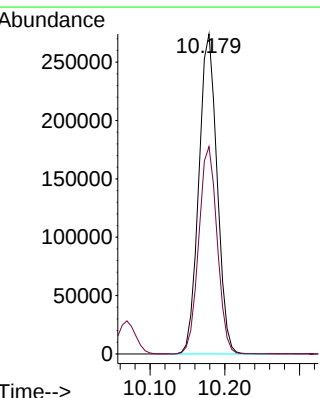
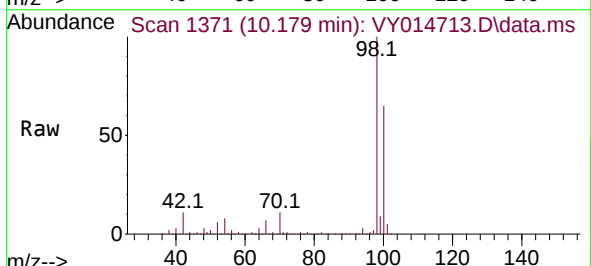
Acq: 20 Jul 2023 12:09

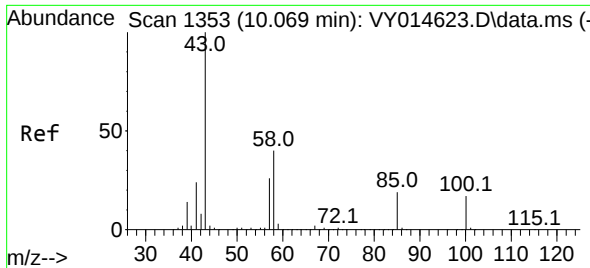
Tgt Ion: 98 Resp: 465119

Ion Ratio Lower Upper

98 100

100 65.4 50.1 75.1





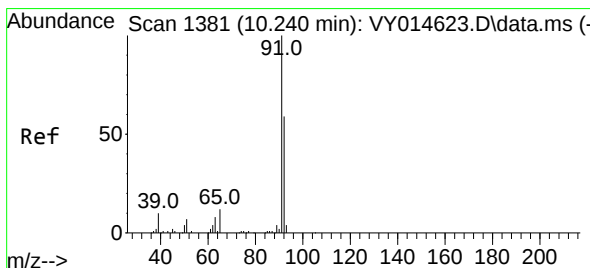
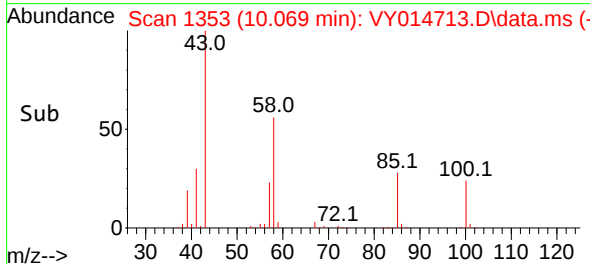
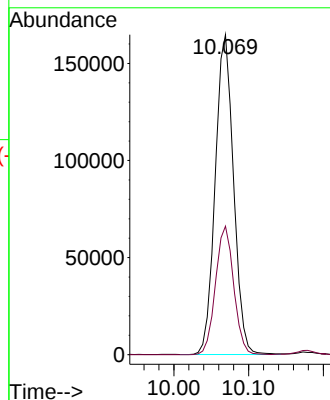
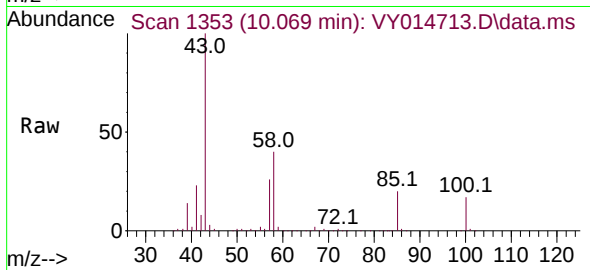
#51
4-Methyl-2-Pentanone
Concen: 113.082 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

Tgt Ion: 43 Resp: 28064
Ion Ratio Lower Upper
43 100
58 39.9 29.0 43.6

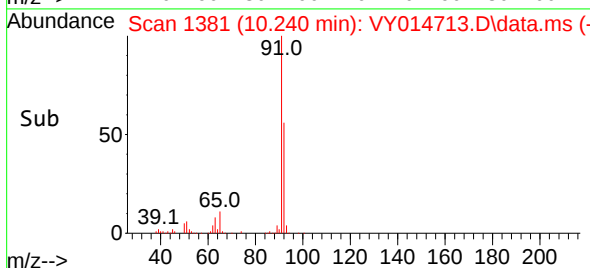
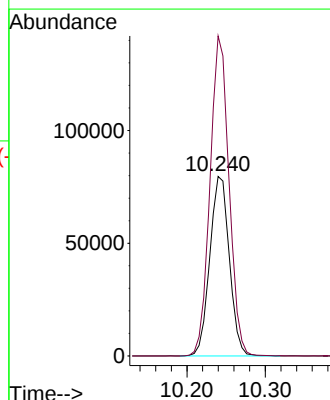
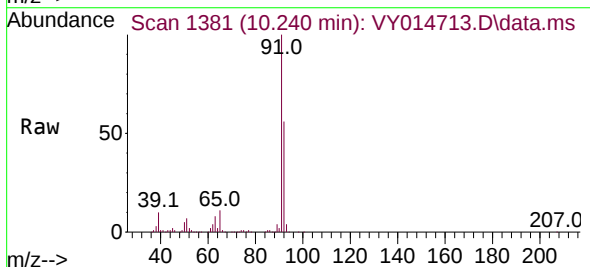
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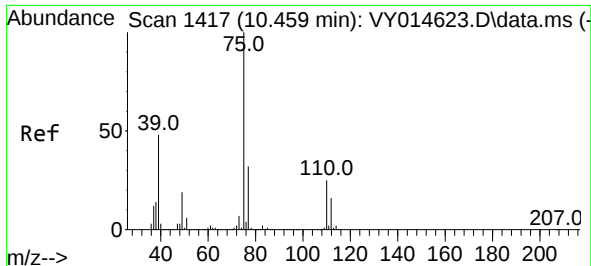
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#52
Toluene
Concen: 20.987 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

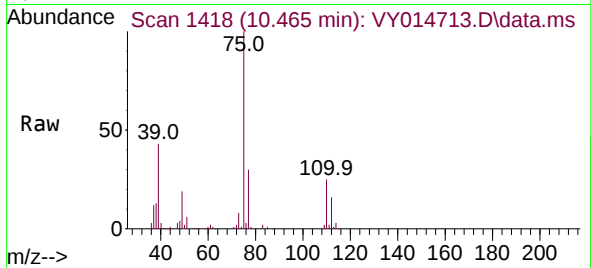
Tgt Ion: 92 Resp: 137653
Ion Ratio Lower Upper
92 100
91 173.6 143.8 215.6





#53
t-1,3-Dichloropropene
Concen: 20.759 ug/l
RT: 10.465 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

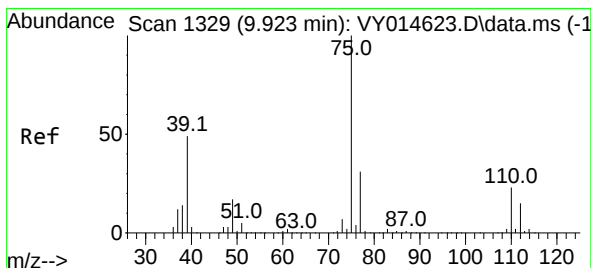
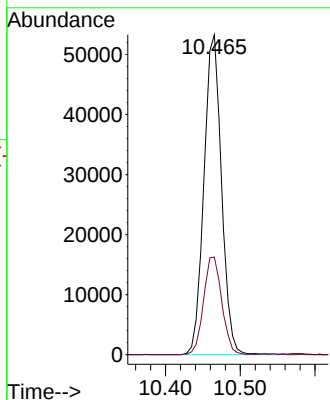
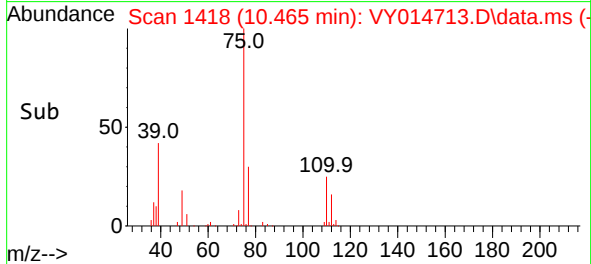
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01



Tgt Ion: 75 Resp: 86898
Ion Ratio Lower Upper
75 100
77 30.5 25.0 37.4

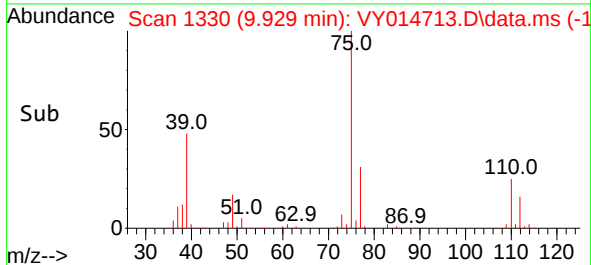
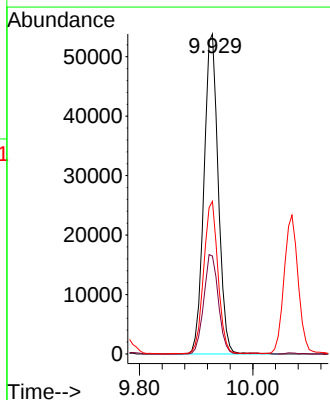
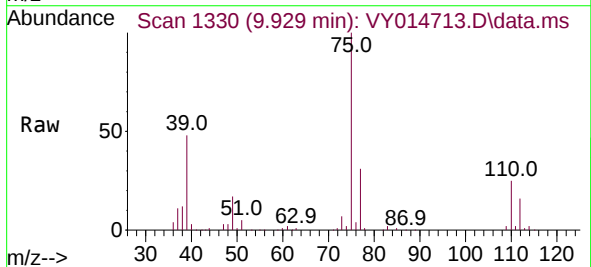
Manual Integrations
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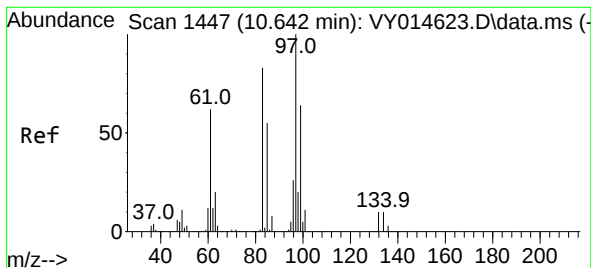
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#54
cis-1,3-Dichloropropene
Concen: 20.736 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

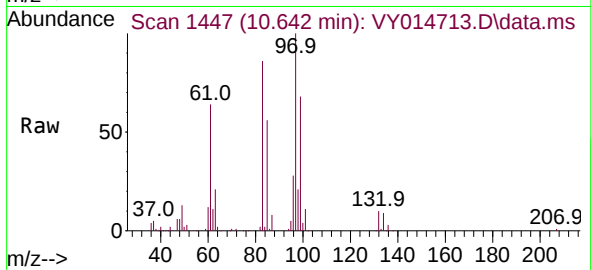
Tgt Ion: 75 Resp: 94394
Ion Ratio Lower Upper
75 100
77 30.6 24.2 36.4
39 47.6 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 21.802 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

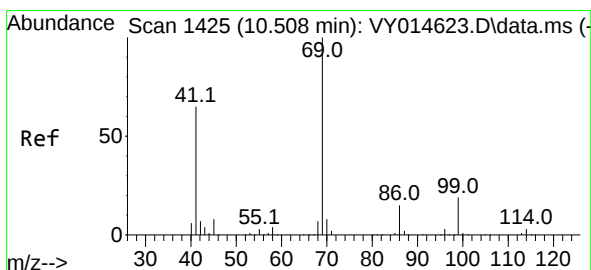
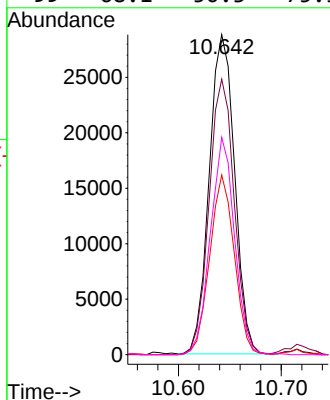
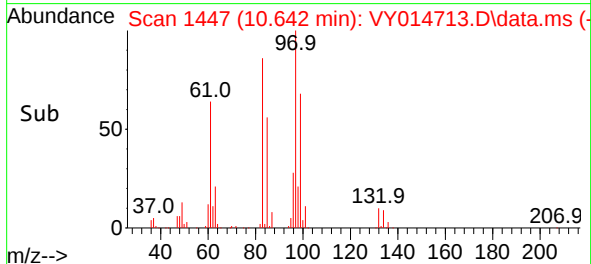


Tgt Ion: 97 Resp: 4931

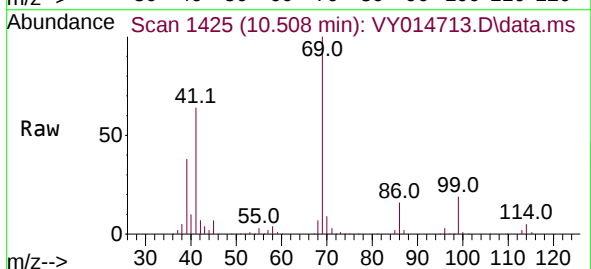
Ion	Ratio	Lower	Upper
97	100		
83	86.3	72.0	108.0
85	56.3	45.4	68.0
99	68.1	50.3	75.5

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

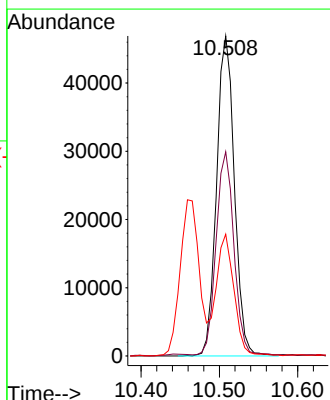
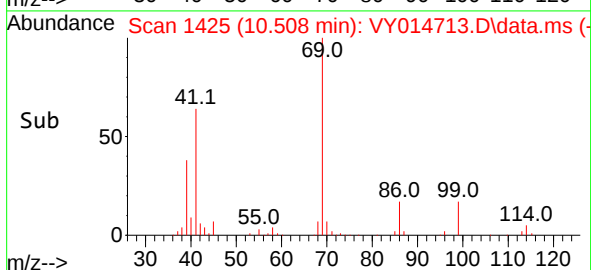


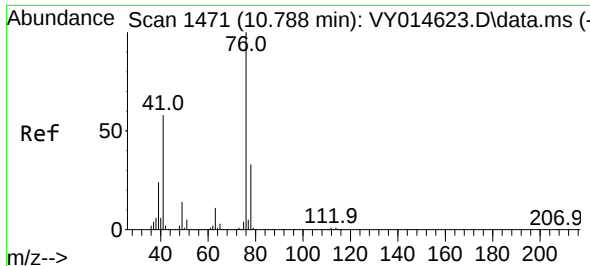
#56
Ethyl methacrylate
Concen: 21.486 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09



Tgt Ion: 69 Resp: 74197

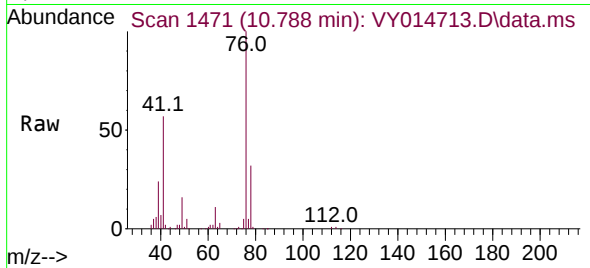
Ion	Ratio	Lower	Upper
69	100		
41	63.6	57.6	86.4
39	38.2	34.1	51.1





#57
1,3-Dichloropropane
Concen: 21.435 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

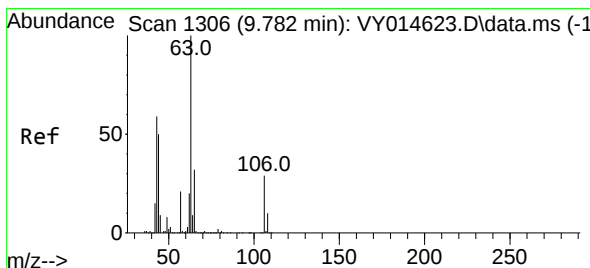
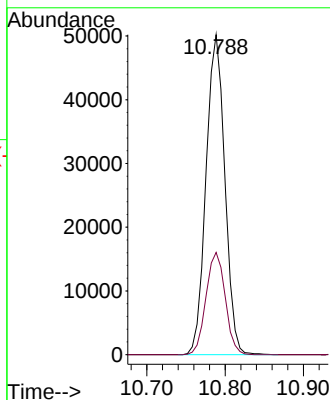
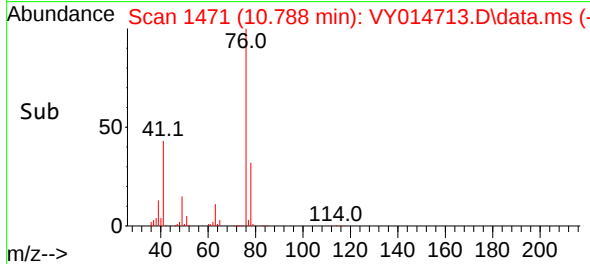
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01



Tgt Ion: 76 Resp: 83618
Ion Ratio Lower Upper
76 100
78 32.6 25.3 37.9

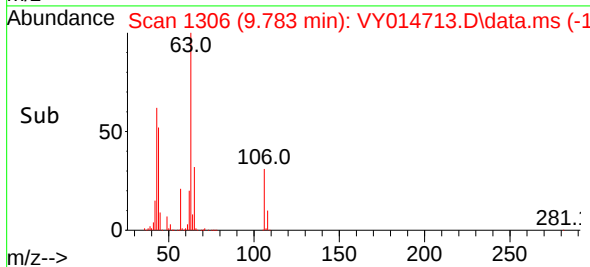
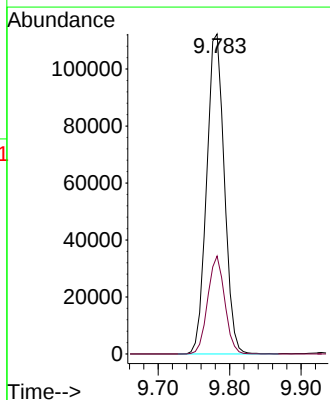
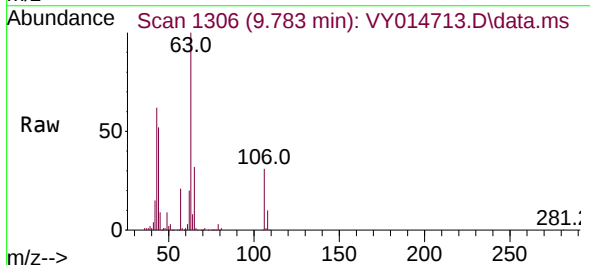
Manual Integrations
APPROVED

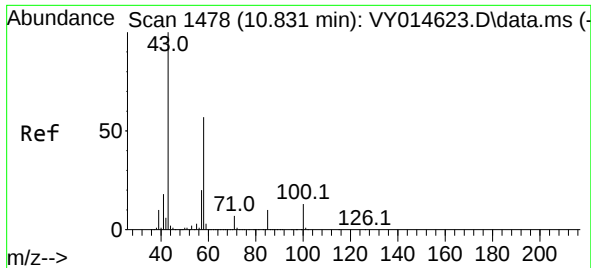
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#58
2-Chloroethyl Vinyl ether
Concen: 119.630 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.001 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Tgt Ion: 63 Resp: 192491
Ion Ratio Lower Upper
63 100
106 29.4 21.2 31.8





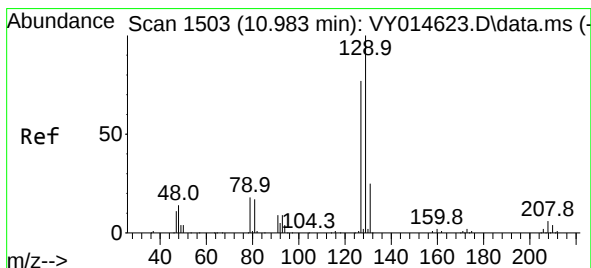
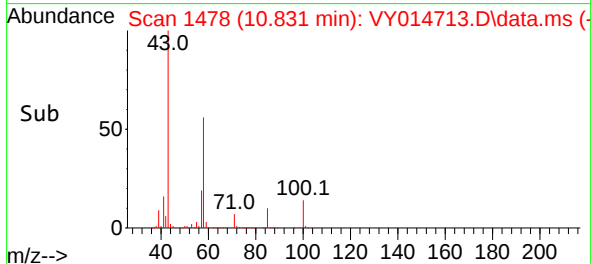
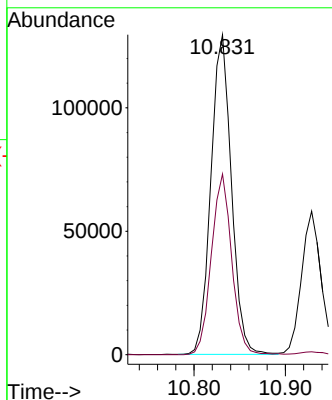
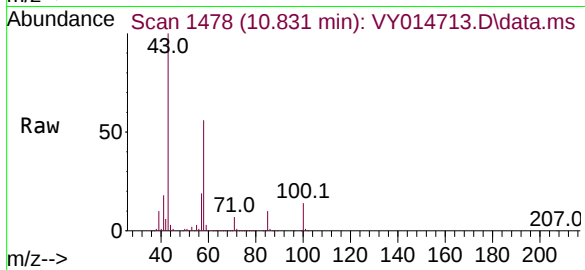
#59
2-Hexanone
Concen: 111.329 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

Tgt Ion: 43 Resp: 20148
Ion Ratio Lower Upper
43 100
58 56.0 25.1 75.3

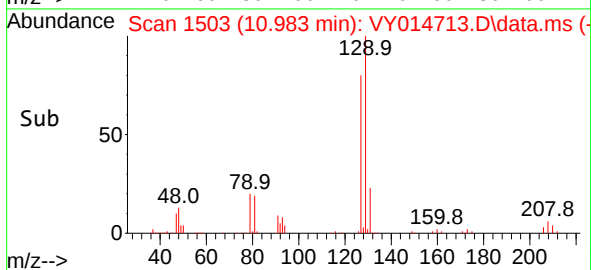
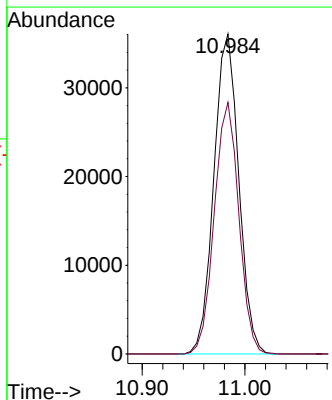
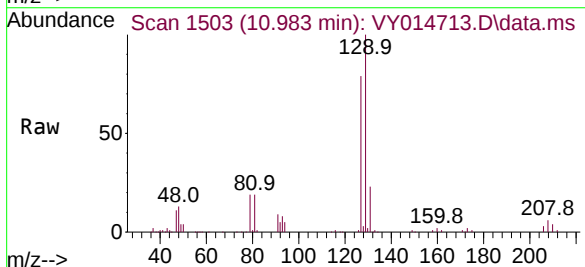
Manual Integrations
APPROVED

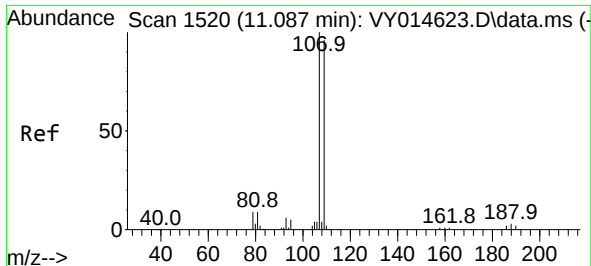
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#60
Dibromochloromethane
Concen: 21.843 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

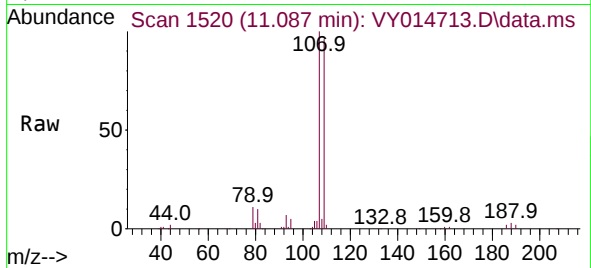
Tgt Ion:129 Resp: 60571
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5





#61
1,2-Dibromoethane
Concen: 21.848 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

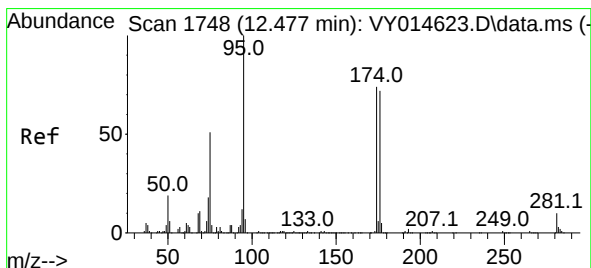
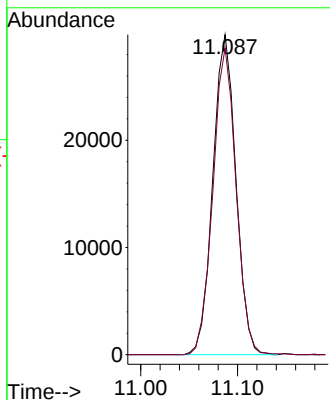
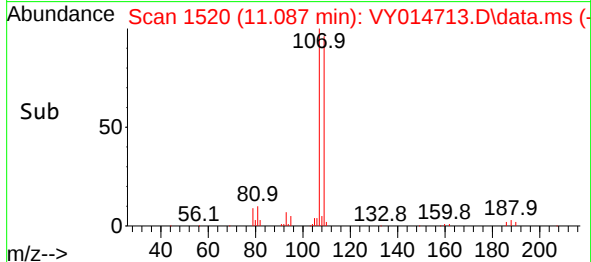
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01



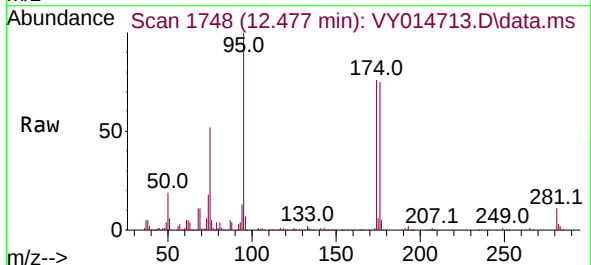
Tgt Ion:107 Resp: 49297
Ion Ratio Lower Upper
107 100
109 96.5 75.6 113.4

Manual Integrations
APPROVED

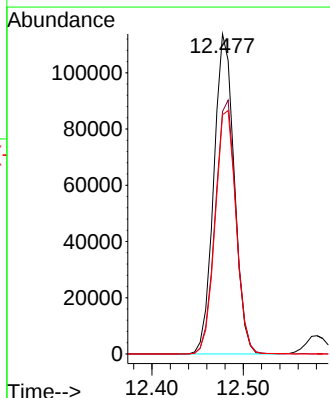
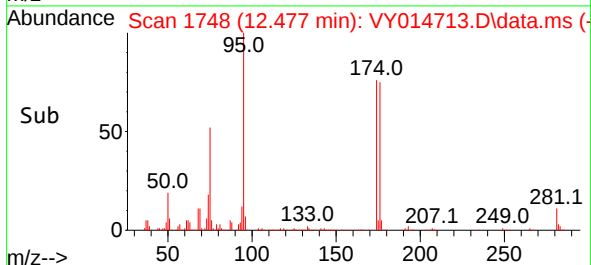
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

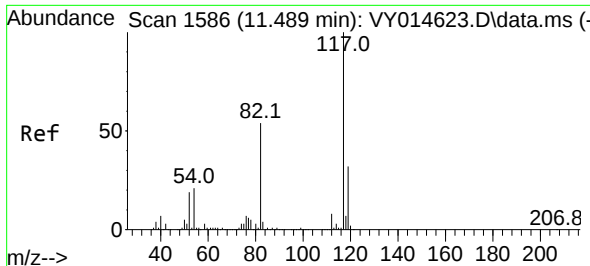


#62
4-Bromofluorobenzene
Concen: 51.836 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09



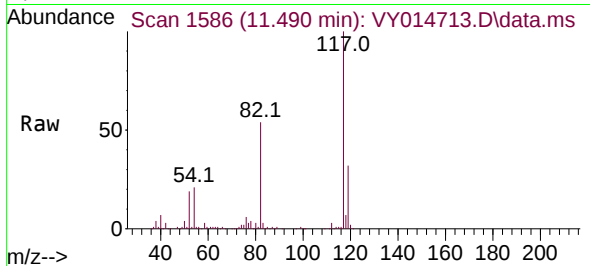
Tgt Ion: 95 Resp: 176597
Ion Ratio Lower Upper
95 100
174 80.6 0.0 178.2
176 77.9 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

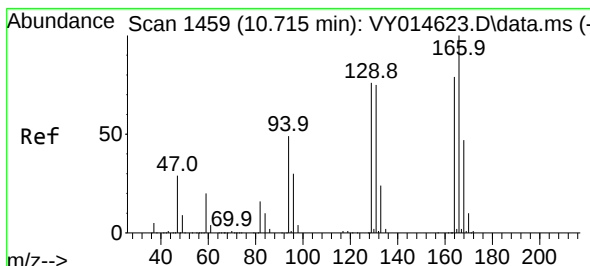
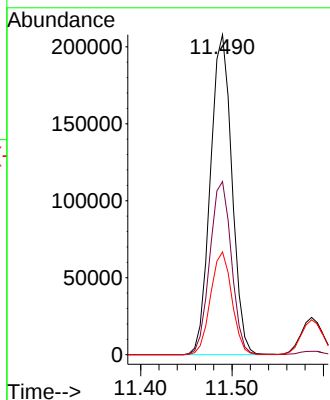
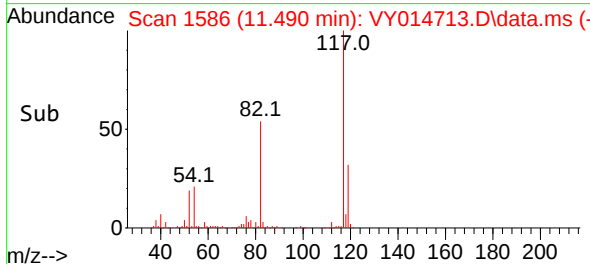
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01



Tgt Ion:117 Resp: 34000
Ion Ratio Lower Upper
117 100
82 54.1 43.4 65.0
119 32.1 26.3 39.5

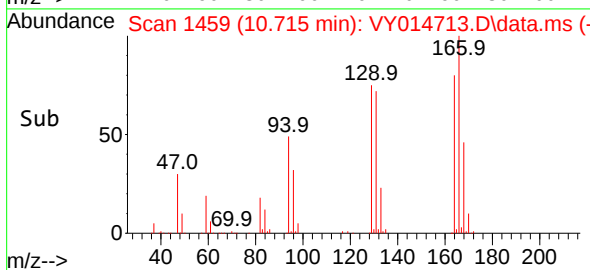
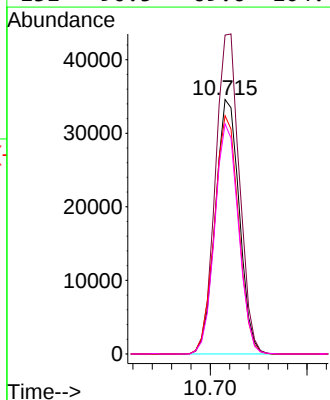
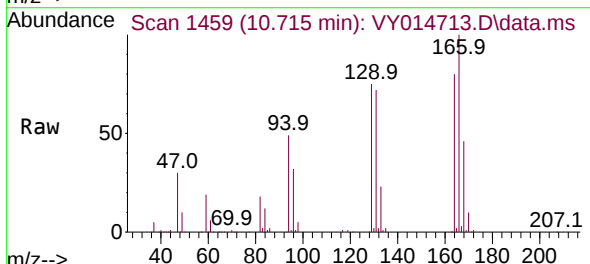
Manual Integrations
APPROVED

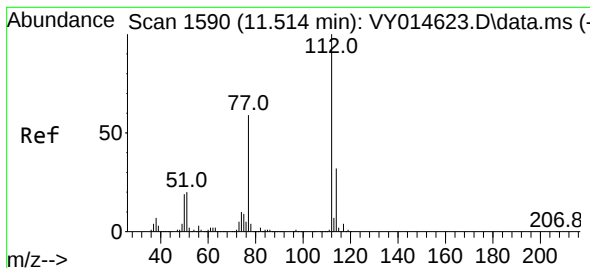
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#64
Tetrachloroethene
Concen: 21.734 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

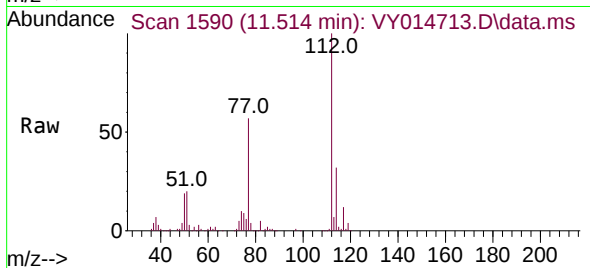
Tgt Ion:164 Resp: 59432
Ion Ratio Lower Upper
164 100
166 125.4 103.0 154.6
129 93.6 77.2 115.8
131 90.5 69.6 104.4





#65
Chlorobenzene
Concen: 20.992 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

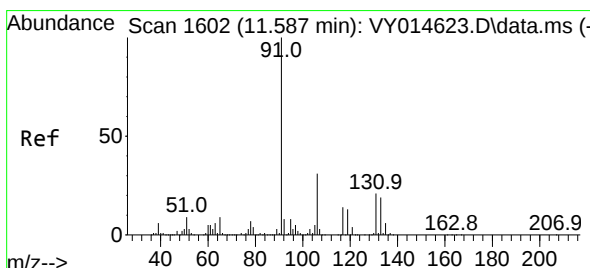
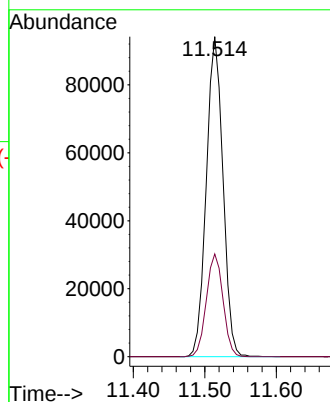
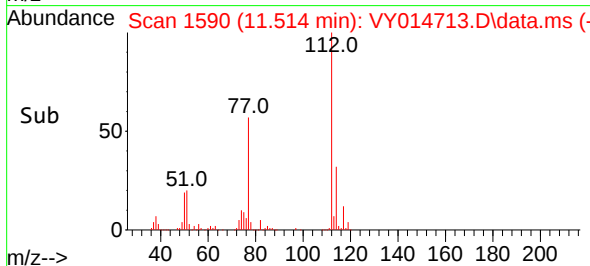
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01



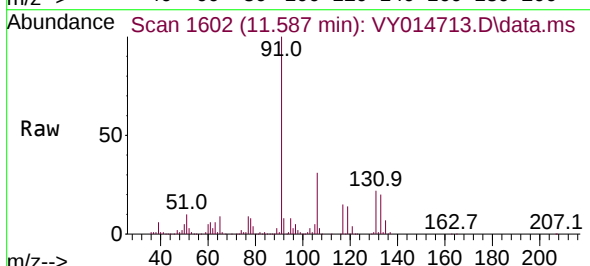
Tgt Ion:112 Resp: 152094
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3

Manual Integrations
APPROVED

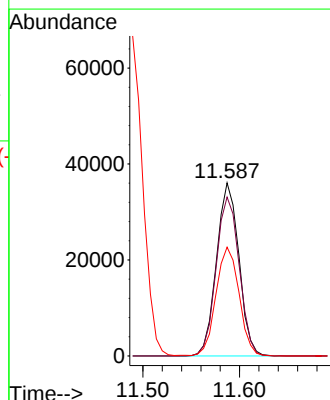
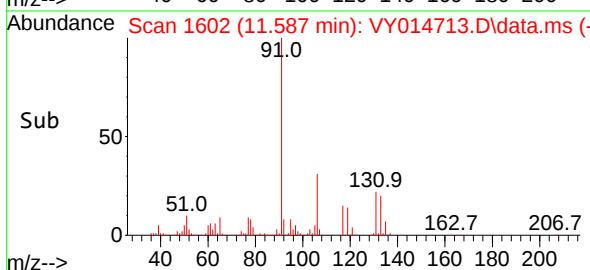
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

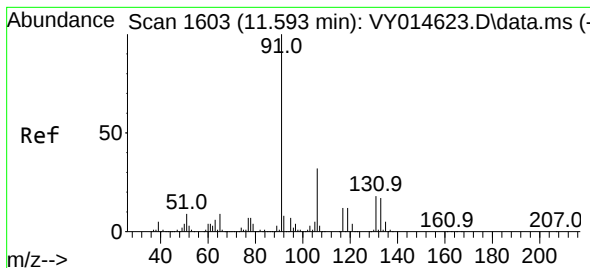


#66
1,1,1,2-Tetrachloroethane
Concen: 21.241 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09



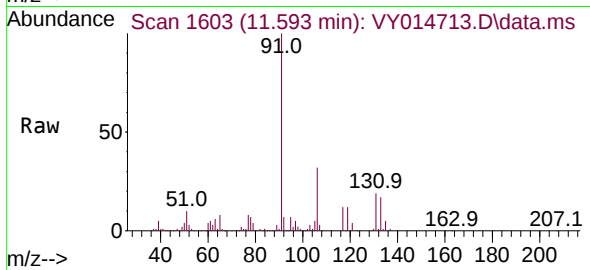
Tgt Ion:131 Resp: 58027
Ion Ratio Lower Upper
131 100
133 94.4 47.5 142.6
119 64.7 31.6 94.7





#67
Ethyl Benzene
Concen: 20.729 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

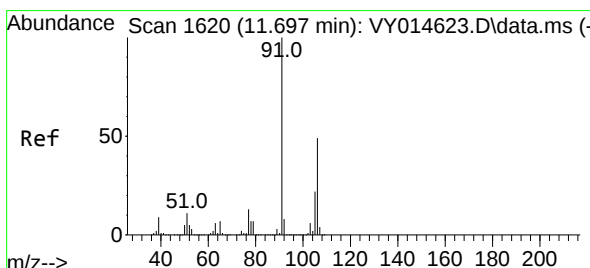
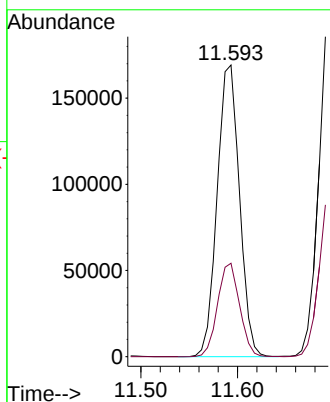
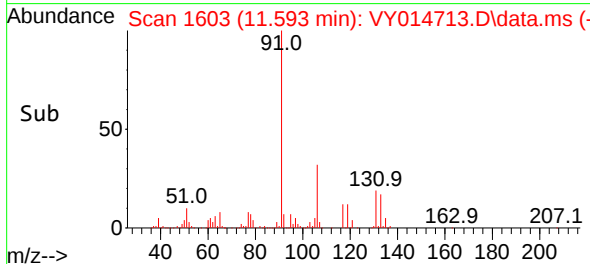
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01



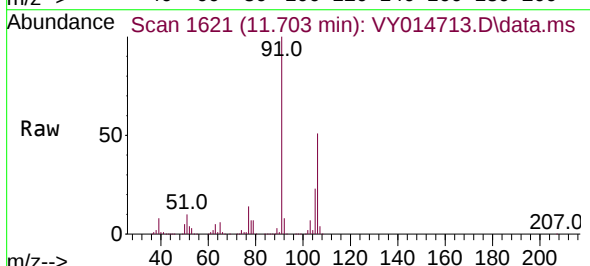
Tgt Ion: 91 Resp: 271169
Ion Ratio Lower Upper
91 100
106 32.1 24.6 36.8

Manual Integrations
APPROVED

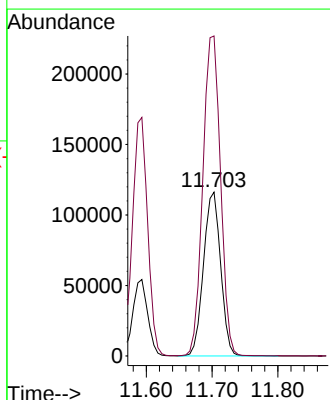
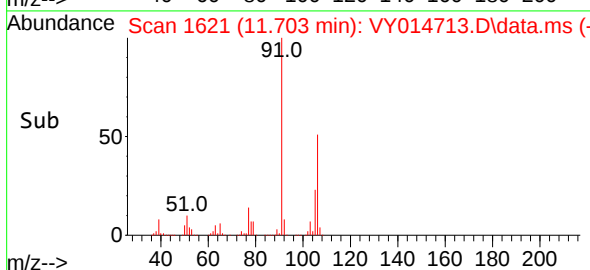
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

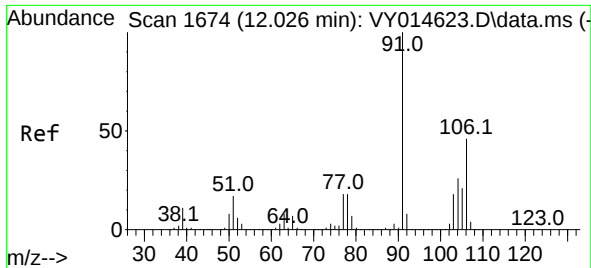


#68
m/p-Xylenes
Concen: 42.098 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09



Tgt Ion:106 Resp: 210221
Ion Ratio Lower Upper
106 100
91 202.0 166.1 249.1





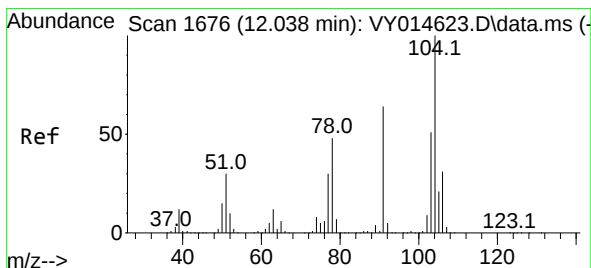
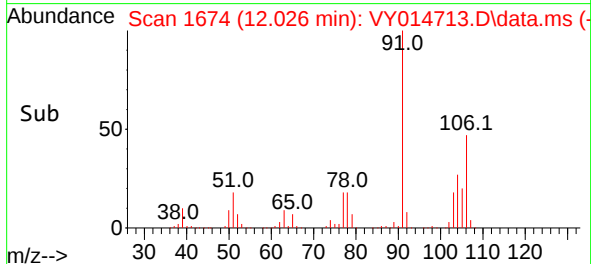
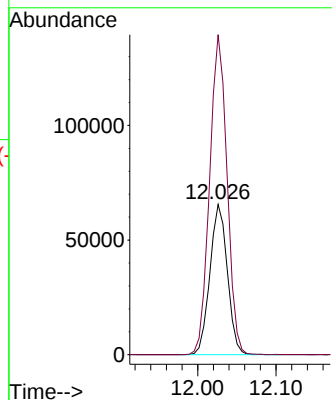
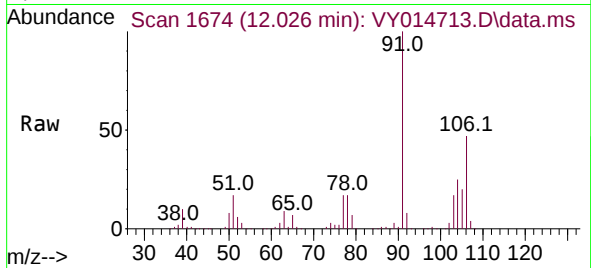
#69
o-Xylene
Concen: 20.803 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

Tgt Ion:106 Resp: 10118
Ion Ratio Lower Upper
106 100
91 213.0 108.1 324.3

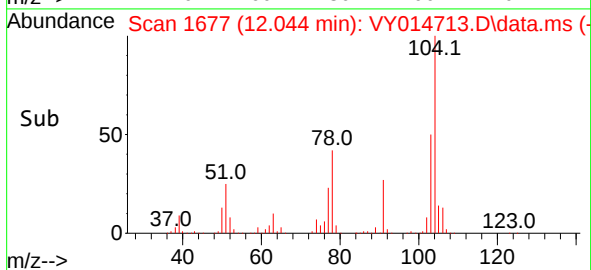
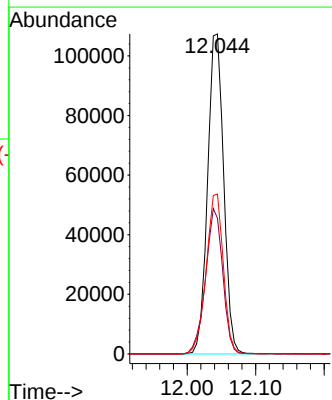
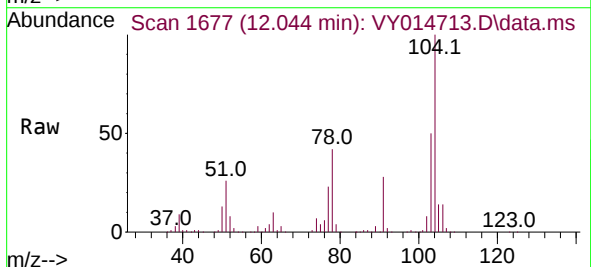
Manual Integrations
APPROVED

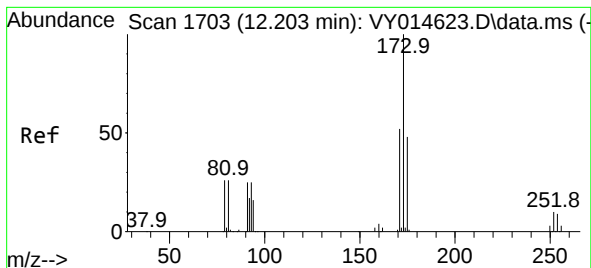
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#70
Styrene
Concen: 21.378 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Tgt Ion:104 Resp: 175245
Ion Ratio Lower Upper
104 100
78 48.6 41.5 62.3
103 53.4 44.6 67.0





#71

Bromoform

Concen: 21.914 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014713.D

Acq: 20 Jul 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0720SBS01

Tgt Ion:173 Resp: 40578

Ion Ratio Lower Upper

173 100

175 48.0 24.6 73.8

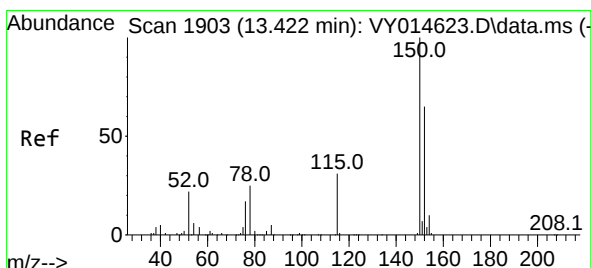
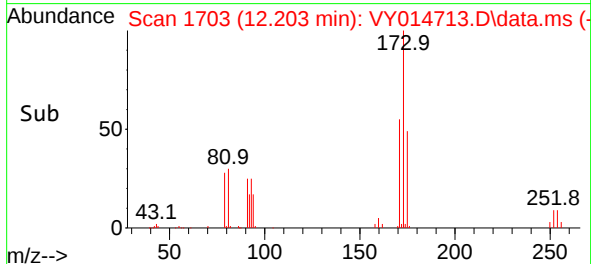
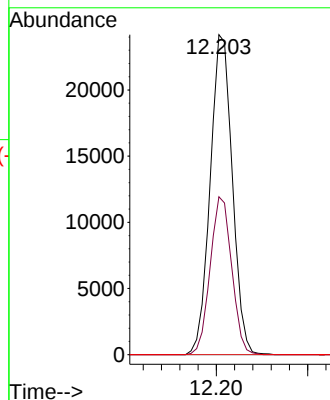
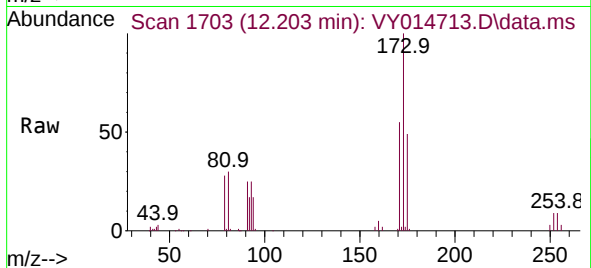
254 0.0 0.2 0.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2023

Supervised By :Mahesh Dadoda 07/21/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014713.D

Acq: 20 Jul 2023 12:09

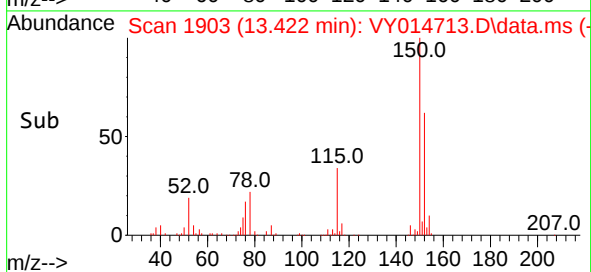
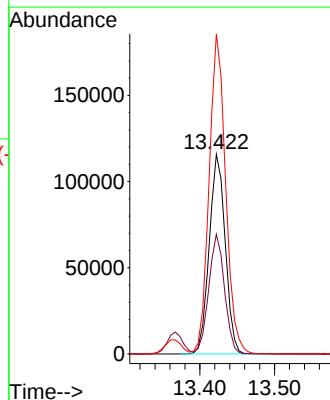
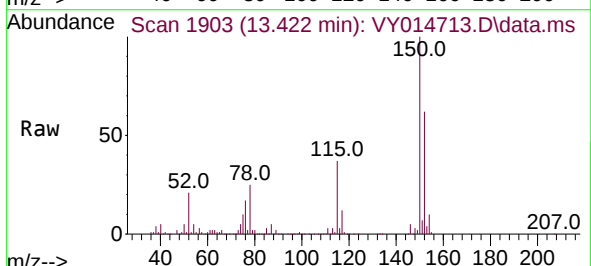
Tgt Ion:152 Resp: 172333

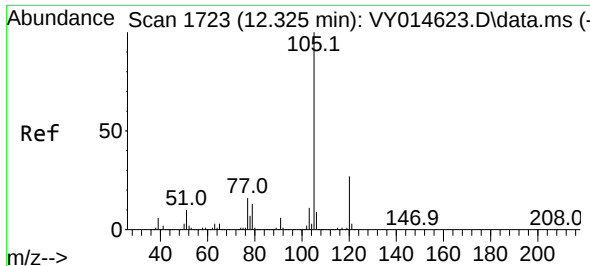
Ion Ratio Lower Upper

152 100

115 59.0 28.8 86.5

150 164.9 0.0 348.8





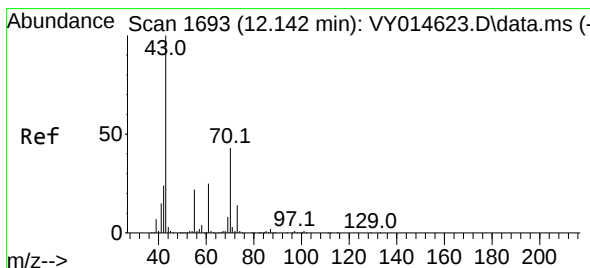
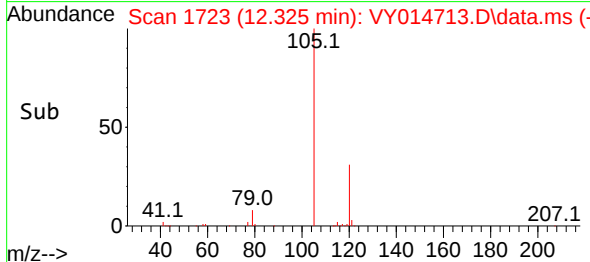
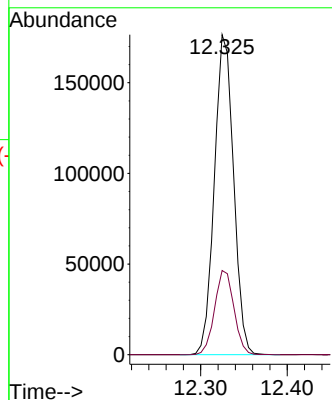
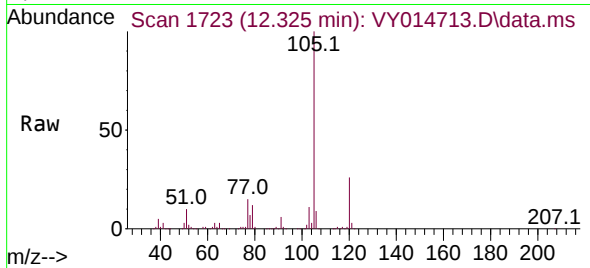
#73
Isopropylbenzene
Concen: 20.130 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

Tgt Ion: 105 Resp: 271625
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.9

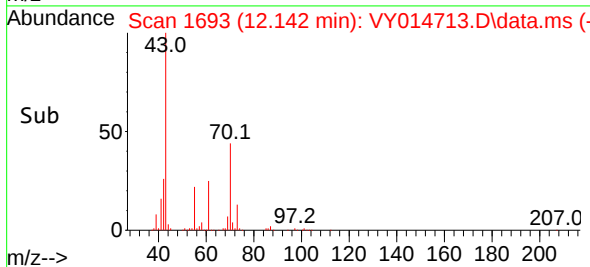
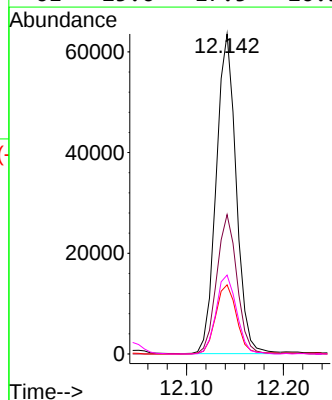
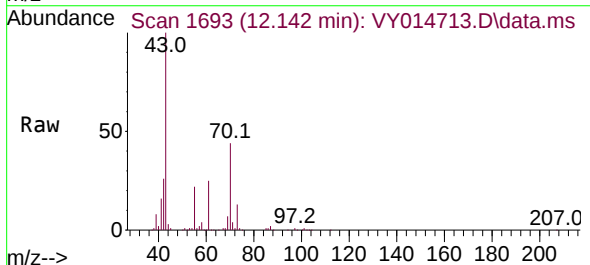
Manual Integrations
APPROVED

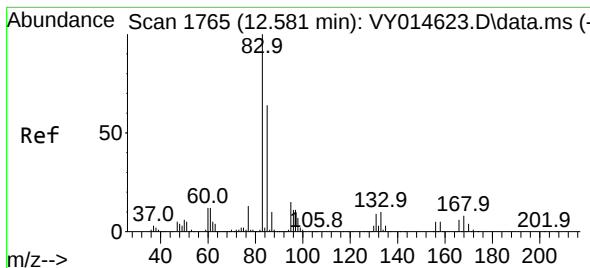
Reviewed By : John Carlone 07/21/2023
Supervised By : Mahesh Dadoda 07/21/2023



#74
N-ethyl acetate
Concen: 20.095 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

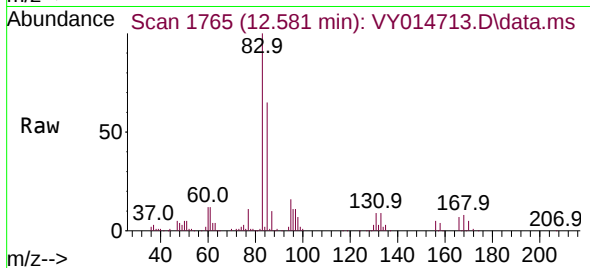
Tgt Ion: 43 Resp: 90815
Ion Ratio Lower Upper
43 100
70 44.8 29.7 44.5#
55 23.0 18.3 27.5
61 25.6 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 20.902 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

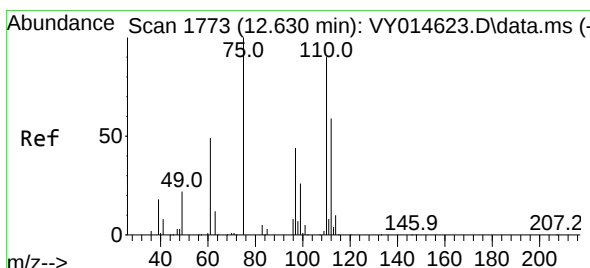
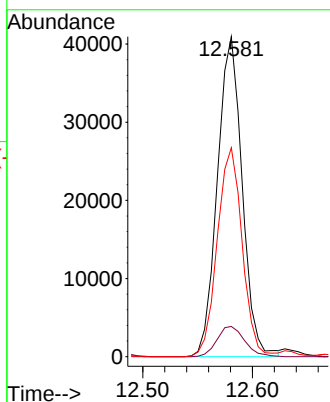
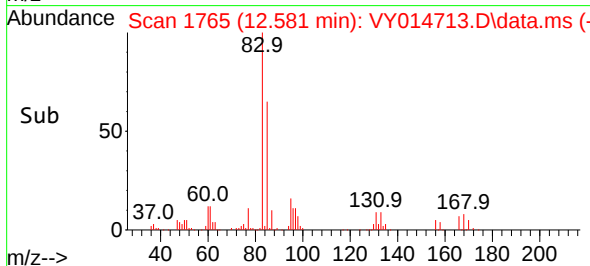
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01



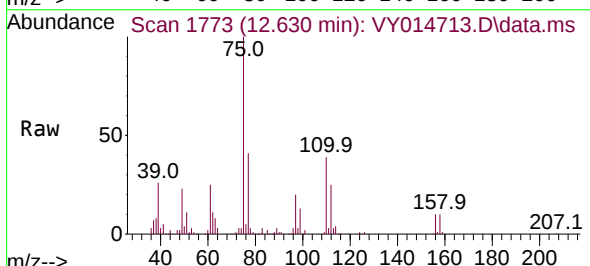
Tgt Ion: 83 Resp: 64319
Ion Ratio Lower Upper
83 100
131 10.5 5.4 16.2
85 65.4 31.8 95.4

Manual Integrations
APPROVED

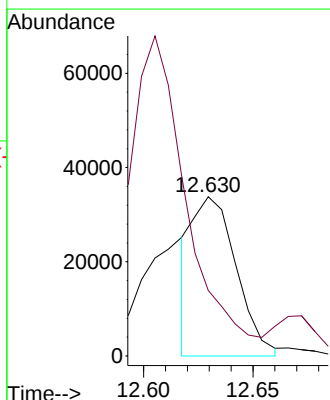
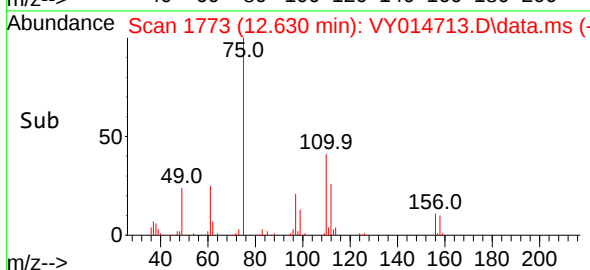
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

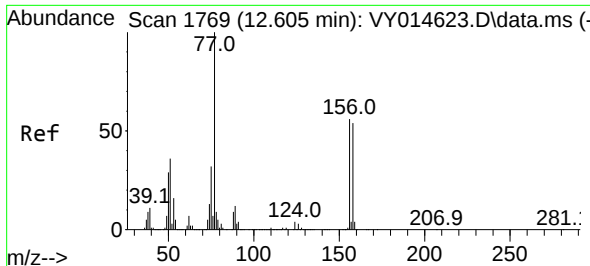


#76
1,2,3-Trichloropropane
Concen: 21.690 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09



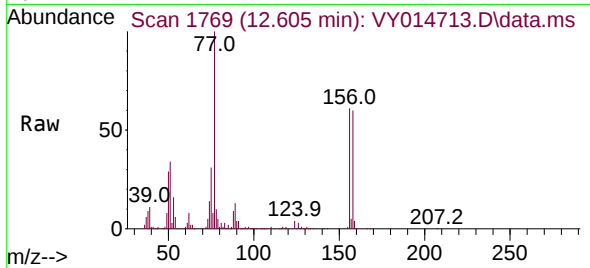
Tgt Ion: 75 Resp: 47209
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 20.669 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

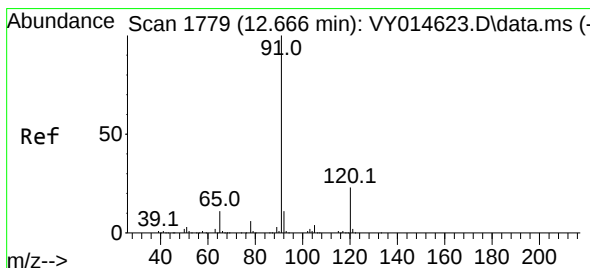
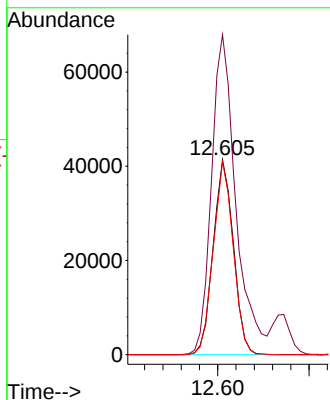
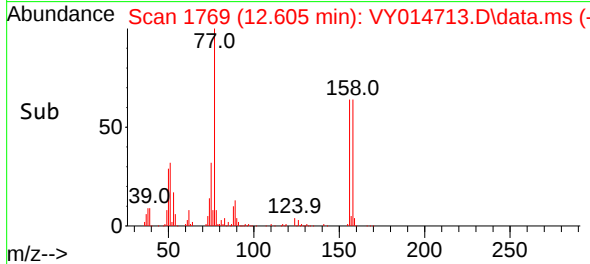
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01



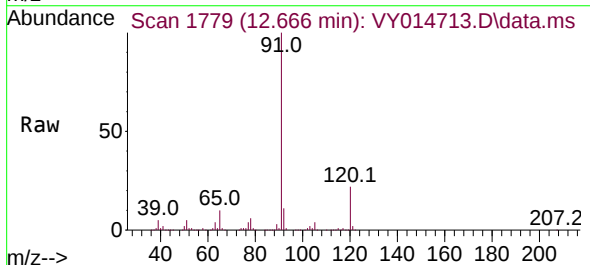
Tgt Ion:156 Resp: 63664
Ion Ratio Lower Upper
156 100
77 196.7 92.8 278.6
158 97.9 48.4 145.3

Manual Integrations
APPROVED

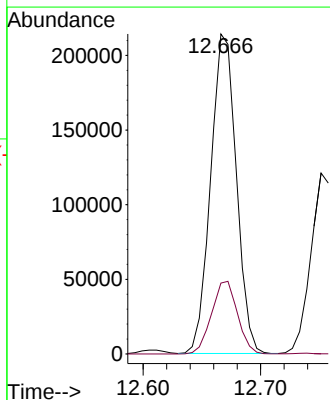
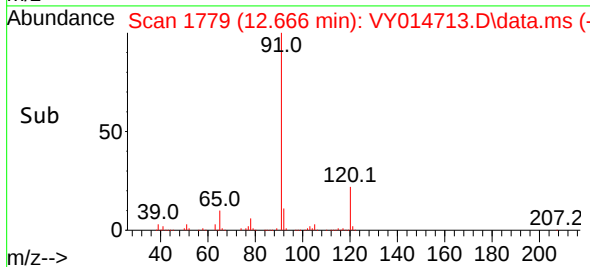
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

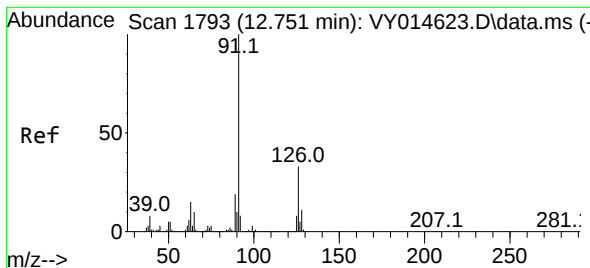


#78
n-propylbenzene
Concen: 19.995 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09



Tgt Ion: 91 Resp: 325129
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.4





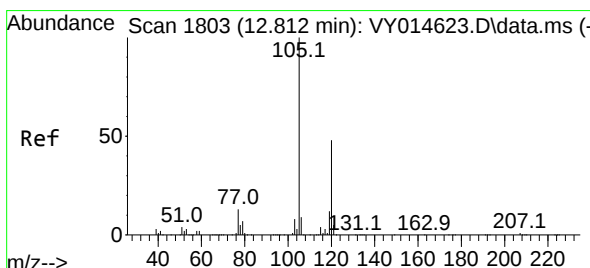
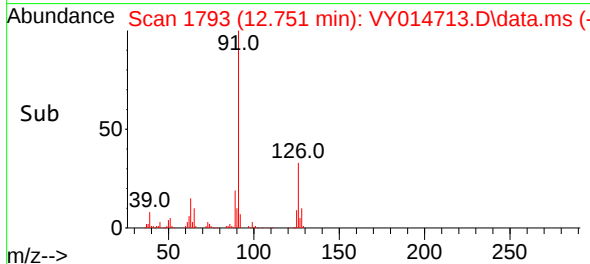
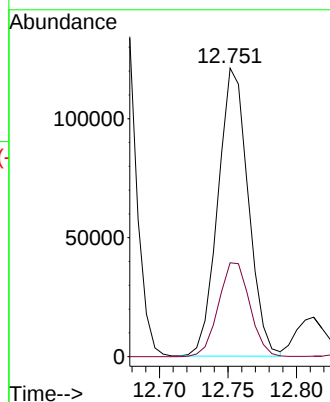
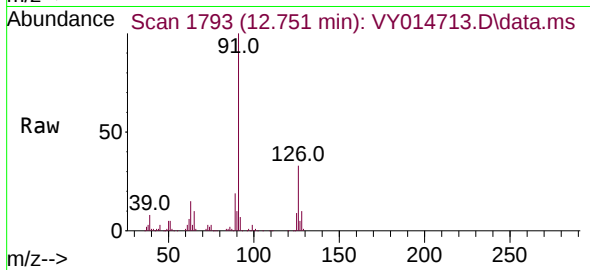
#79
2-Chlorotoluene
Concen: 19.905 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

Tgt Ion: 91 Resp: 18641
Ion Ratio Lower Upper
91 100
126 33.8 17.3 51.7

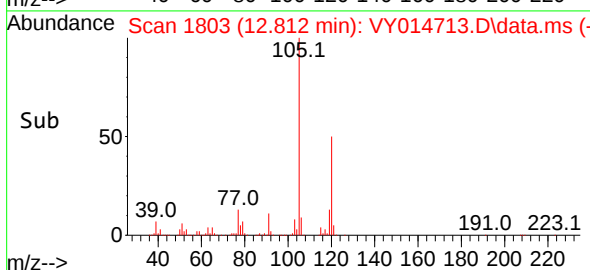
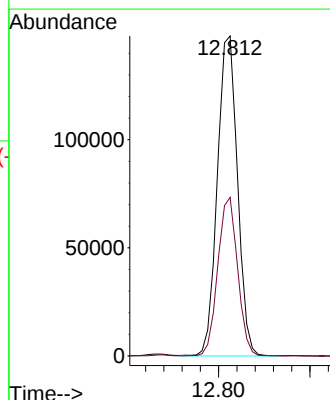
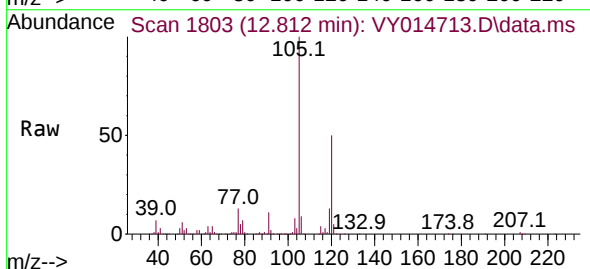
Manual Integrations
APPROVED

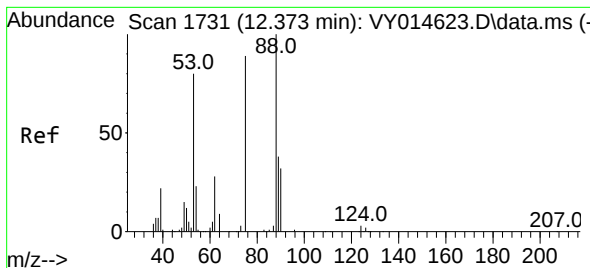
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.116 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Tgt Ion:105 Resp: 226694
Ion Ratio Lower Upper
105 100
120 48.8 23.9 71.7





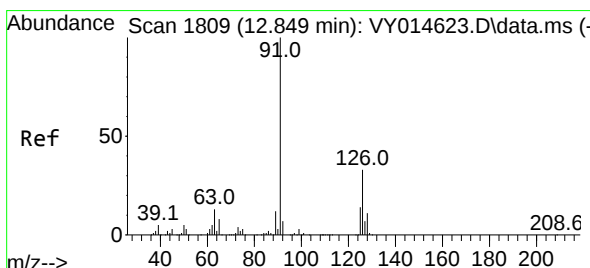
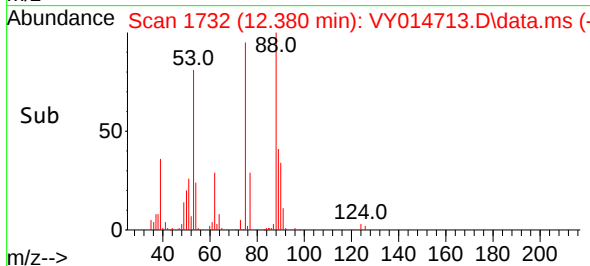
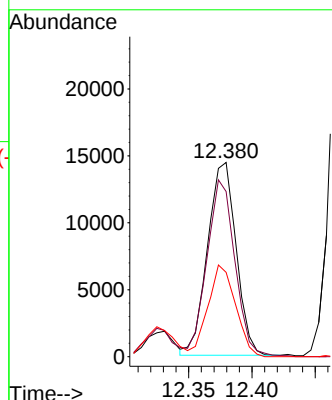
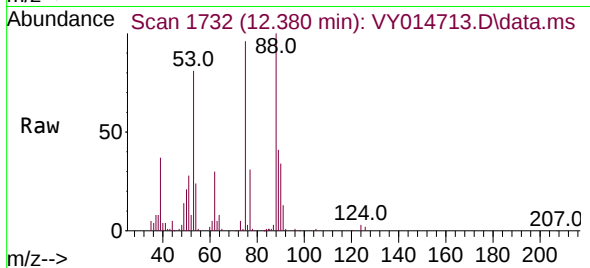
#81
trans-1,4-Dichloro-2-butene
Concen: 20.147 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.007 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

Tgt Ion: 75 Resp: 22648
Ion Ratio Lower Upper
75 100
53 89.7 77.8 116.8
89 46.1 37.4 56.0

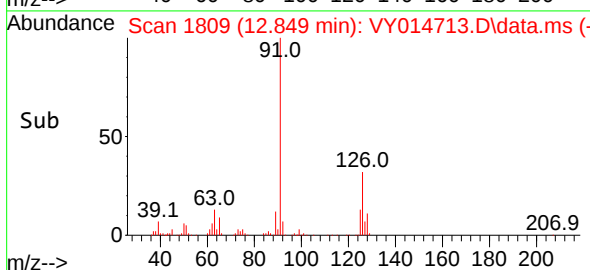
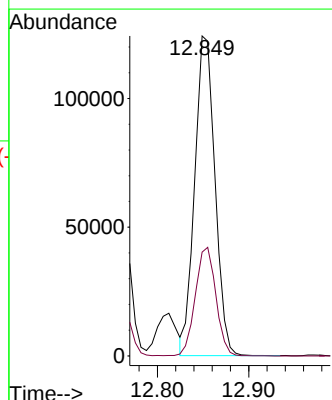
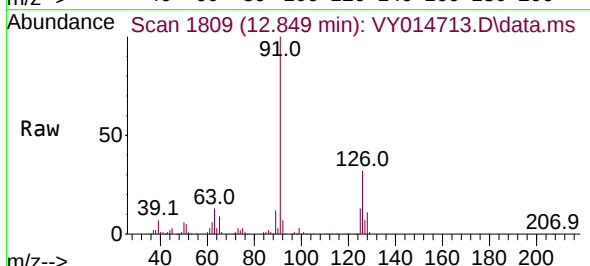
Manual Integrations
APPROVED

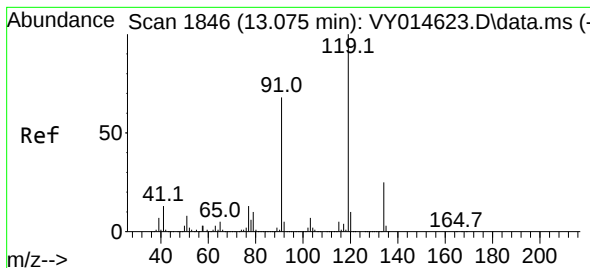
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#82
4-Chlorotoluene
Concen: 19.839 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Tgt Ion: 91 Resp: 191357
Ion Ratio Lower Upper
91 100
126 34.6 17.2 51.6





#83

tert-Butylbenzene

Concen: 20.058 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY014713.D

Acq: 20 Jul 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0720SBS01

Tgt Ion:119 Resp: 200510

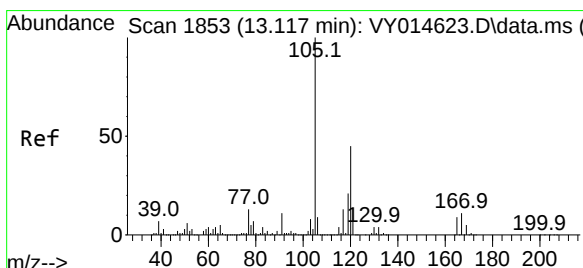
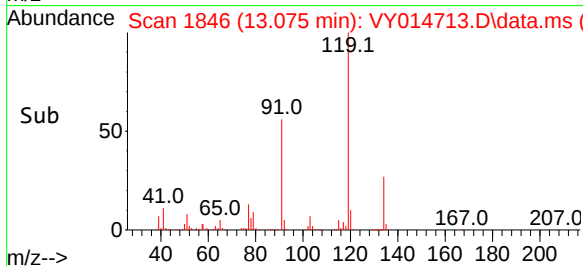
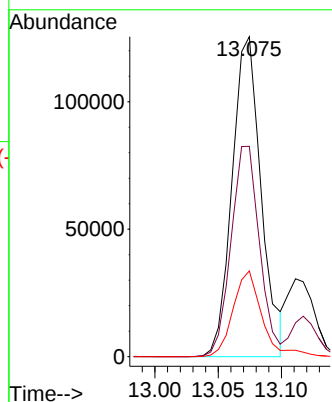
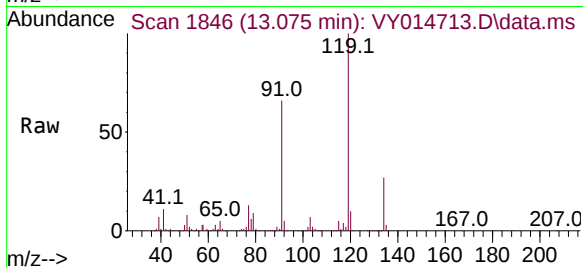
Ion	Ratio	Lower	Upper
119	100		
91	64.7	32.9	98.6
134	26.8	13.0	38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2023

Supervised By :Mahesh Dadoda 07/21/2023



#84

1,2,4-Trimethylbenzene

Concen: 20.137 ug/l

RT: 13.117 min Scan# 1853

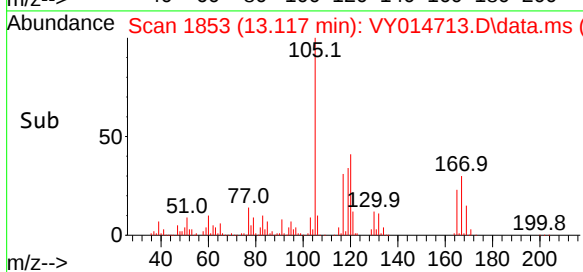
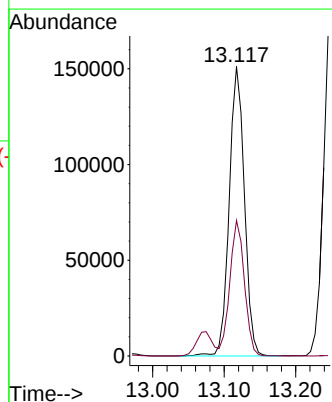
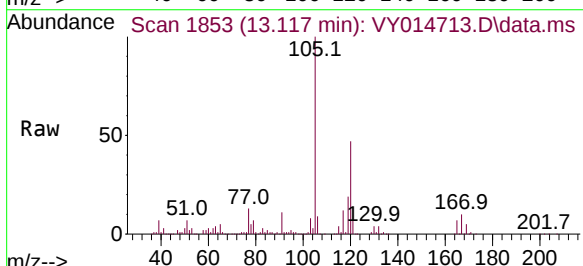
Delta R.T. 0.000 min

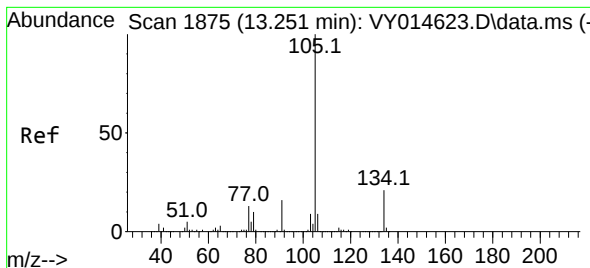
Lab File: VY014713.D

Acq: 20 Jul 2023 12:09

Tgt Ion:105 Resp: 222707

Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.2	66.6





#85

sec-Butylbenzene

Concen: 20.143 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY014713.D

Acq: 20 Jul 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0720SBS01

Tgt Ion:105 Resp: 29538

Ion Ratio Lower Upper

105 100

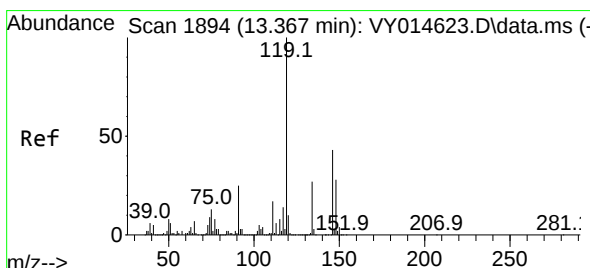
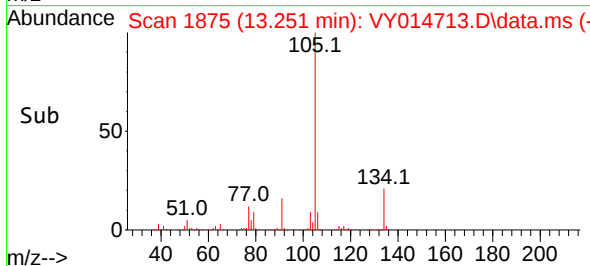
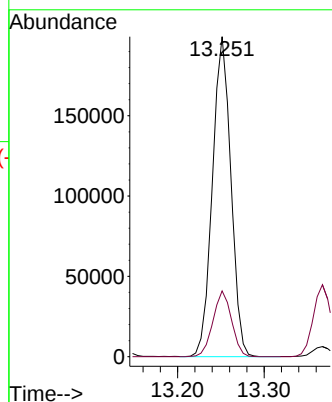
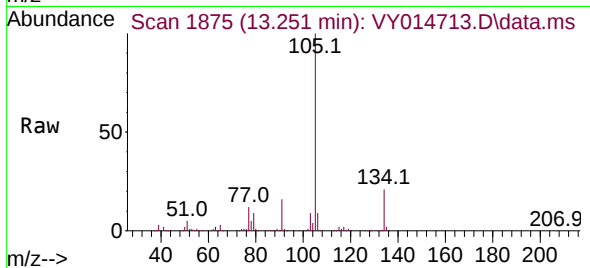
134 20.6 10.2 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2023

Supervised By :Mahesh Dadoda 07/21/2023



#86

p-Isopropyltoluene

Concen: 20.327 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY014713.D

Acq: 20 Jul 2023 12:09

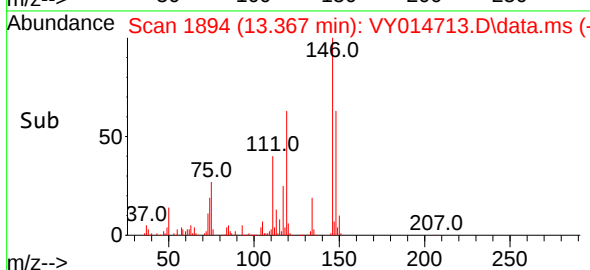
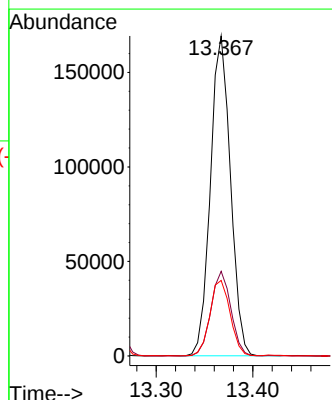
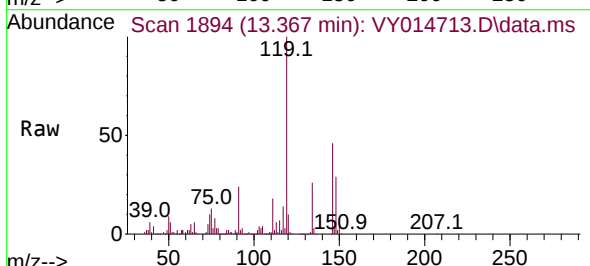
Tgt Ion:119 Resp: 243378

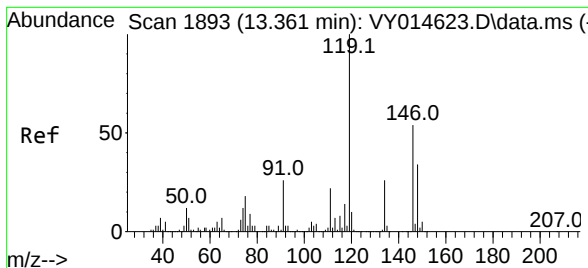
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.8

91 24.0 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 20.724 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VY014713.D

Acq: 20 Jul 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0720SBS01

Tgt Ion:146 Resp: 124230

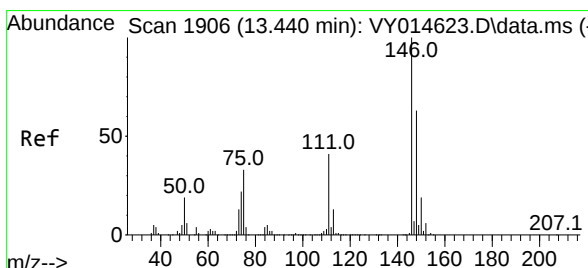
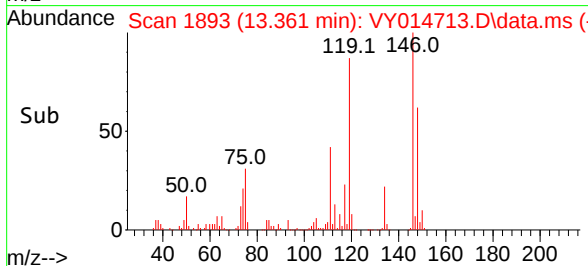
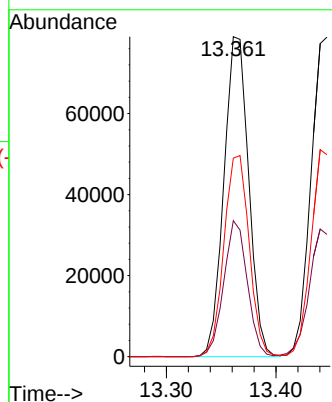
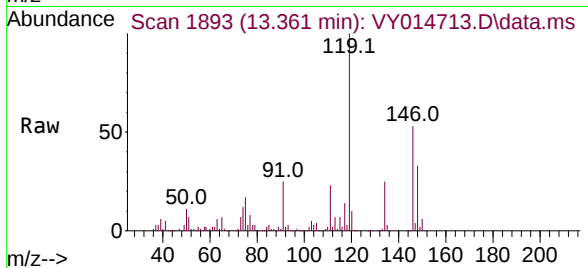
Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.4	58.2
148	63.8	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2023

Supervised By :Mahesh Dadoda 07/21/2023



#88

1,4-Dichlorobenzene

Concen: 20.895 ug/l

RT: 13.446 min Scan# 1907

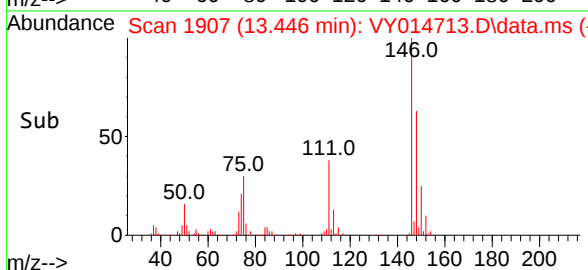
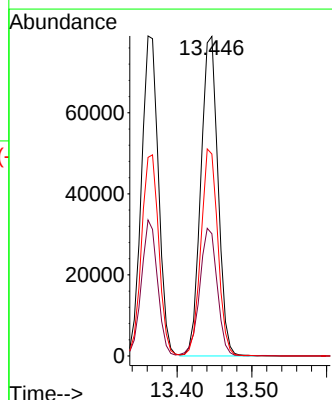
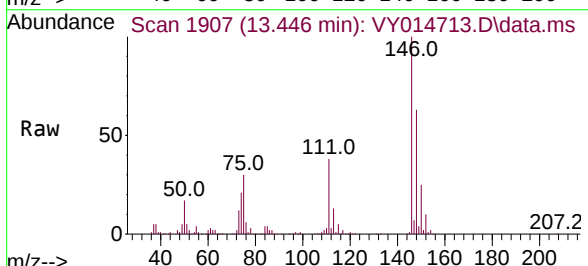
Delta R.T. 0.006 min

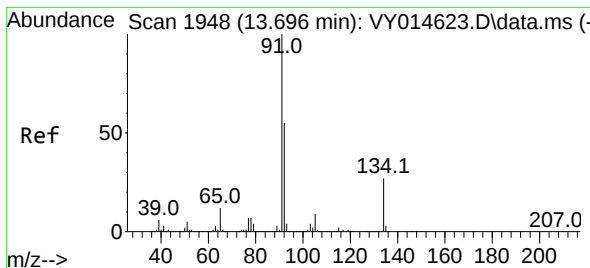
Lab File: VY014713.D

Acq: 20 Jul 2023 12:09

Tgt Ion:146 Resp: 125523

Ion	Ratio	Lower	Upper
146	100		
111	40.7	18.9	56.7
148	64.1	32.1	96.5





#89

n-Butylbenzene

Concen: 19.746 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY014713.D

Acq: 20 Jul 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0720SBS01

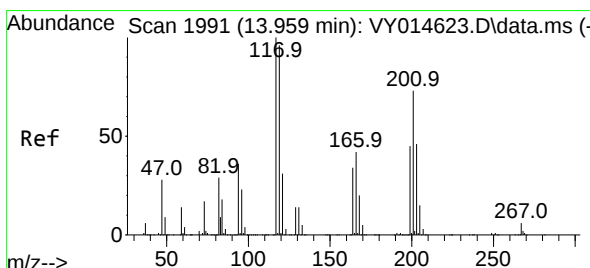
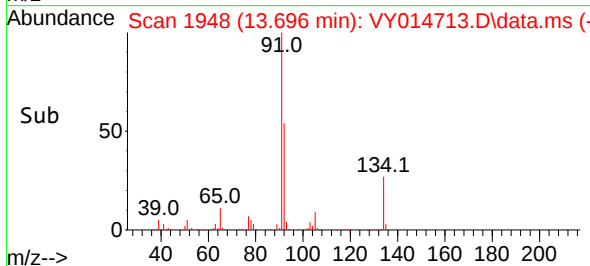
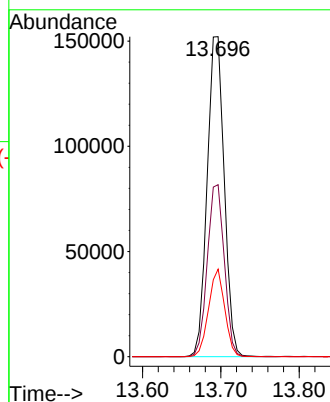
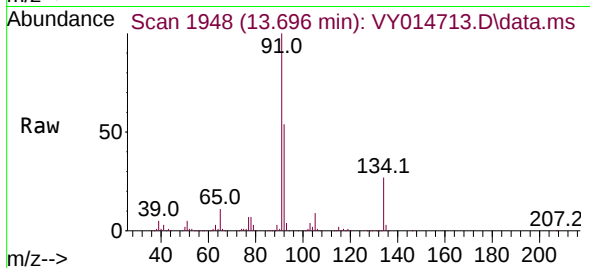
Tgt Ion: 91 Resp: 23001
 Ion Ratio Lower Upper
 91 100
 92 53.6 25.4 76.0
 134 25.9 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2023

Supervised By :Mahesh Dadoda 07/21/2023



#90

Hexachloroethane

Concen: 19.721 ug/l

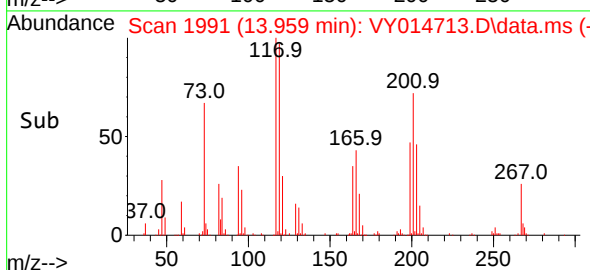
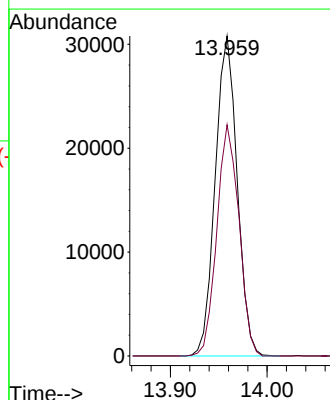
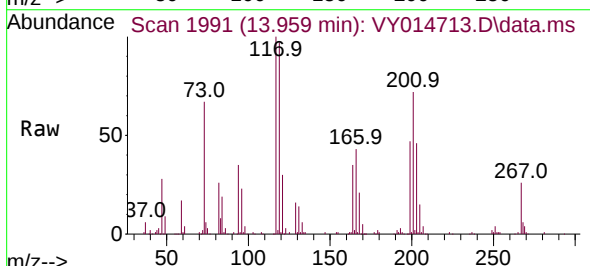
RT: 13.959 min Scan# 1991

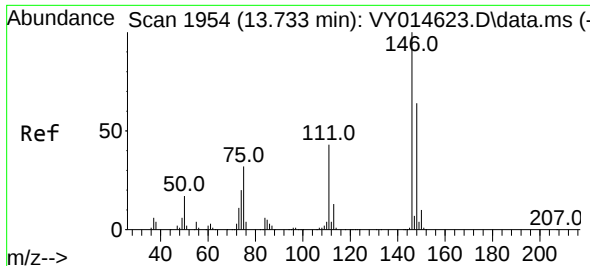
Delta R.T. -0.000 min

Lab File: VY014713.D

Acq: 20 Jul 2023 12:09

Tgt Ion:117 Resp: 48499
 Ion Ratio Lower Upper
 117 100
 201 72.7 41.6 124.8





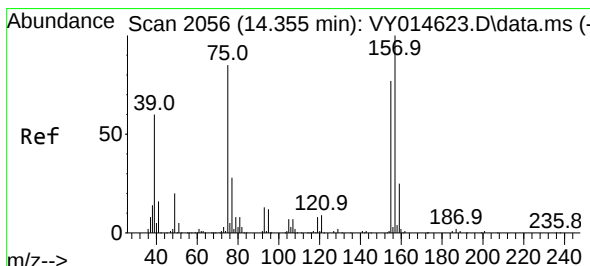
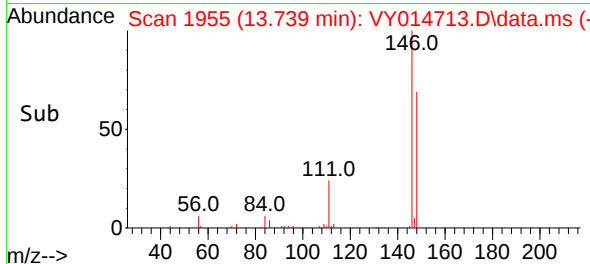
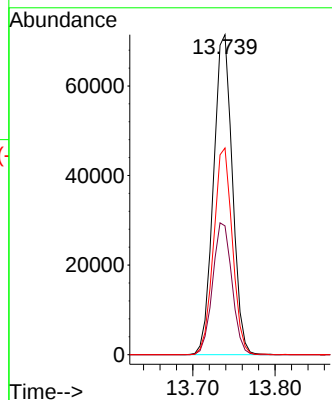
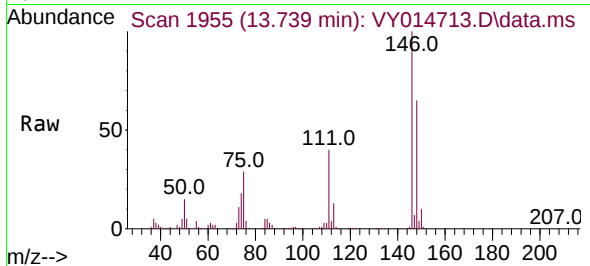
#91
1,2-Dichlorobenzene
Concen: 20.745 ug/l
RT: 13.739 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

Tgt Ion:146 Resp: 11394
Ion Ratio Lower Upper
146 100
111 42.1 19.7 59.0
148 64.1 32.0 96.2

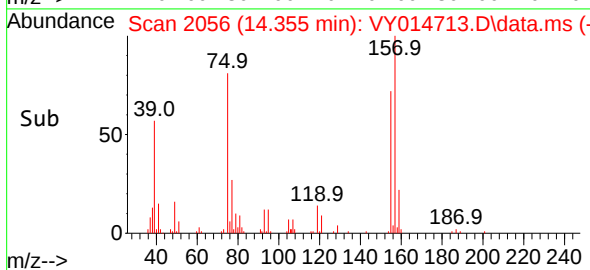
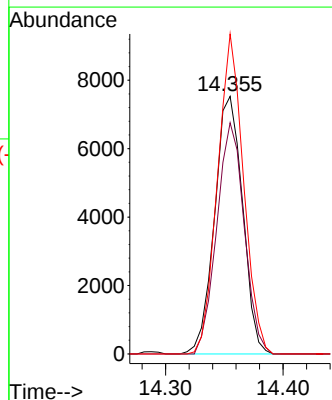
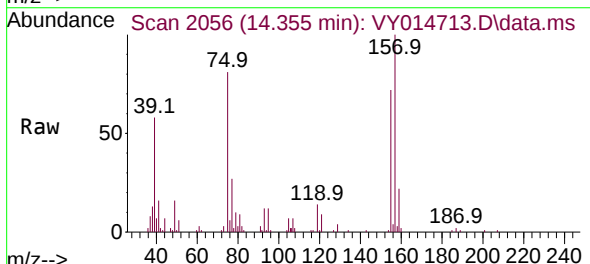
Manual Integrations
APPROVED

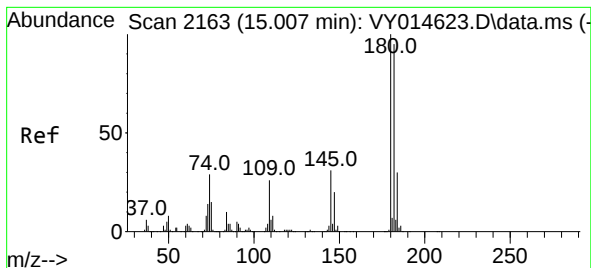
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.146 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014713.D
Acq: 20 Jul 2023 12:09

Tgt Ion: 75 Resp: 12444
Ion Ratio Lower Upper
75 100
155 88.0 41.5 124.6
157 115.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.419 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014713.D

Acq: 20 Jul 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0720SBS01

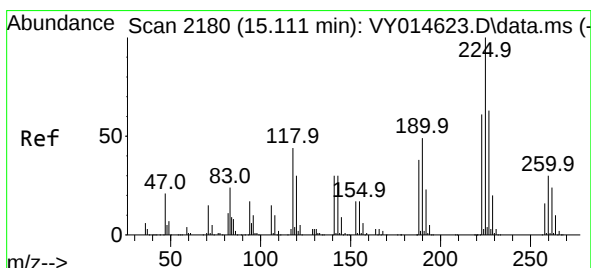
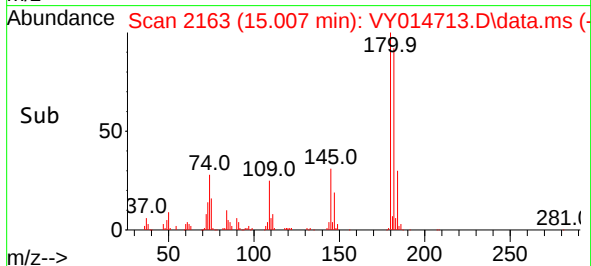
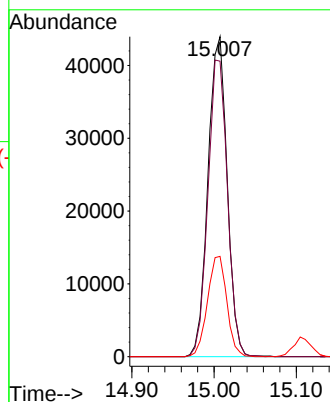
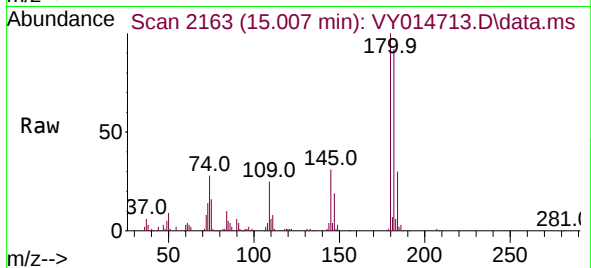
Tgt Ion:180	Resp:	7119
Ion Ratio	Lower	Upper
180	100	
182	94.5	47.0 141.2
145	31.7	14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2023

Supervised By :Mahesh Dadoda 07/21/2023



#94

Hexachlorobutadiene

Concen: 20.521 ug/l

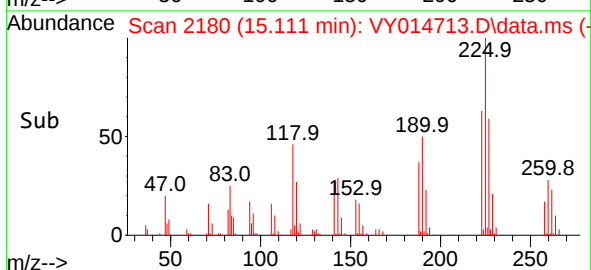
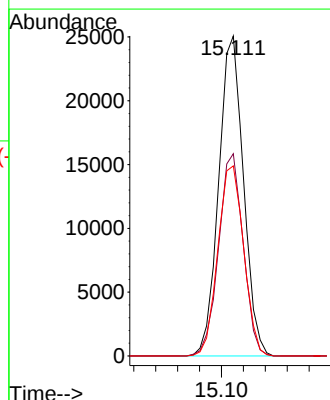
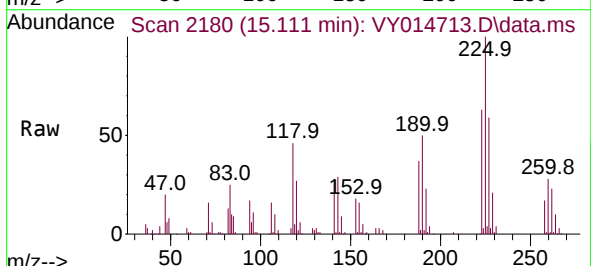
RT: 15.111 min Scan# 2180

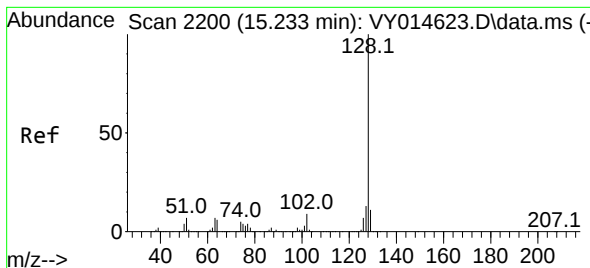
Delta R.T. -0.000 min

Lab File: VY014713.D

Acq: 20 Jul 2023 12:09

Tgt Ion:225	Resp:	39317
Ion Ratio	Lower	Upper
225	100	
223	62.6	31.9 95.9
227	61.9	33.0 98.9





#95

Naphthalene

Concen: 20.637 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY014713.D

Acq: 20 Jul 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0720SBS01

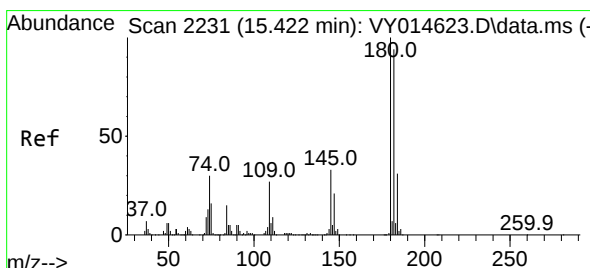
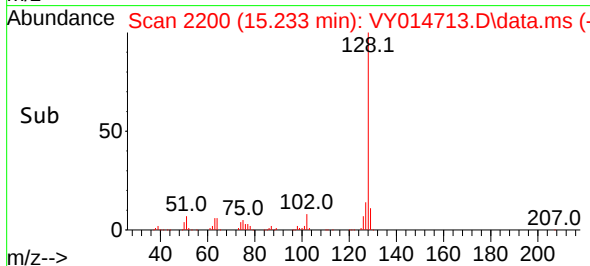
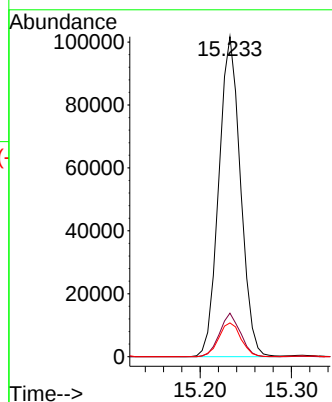
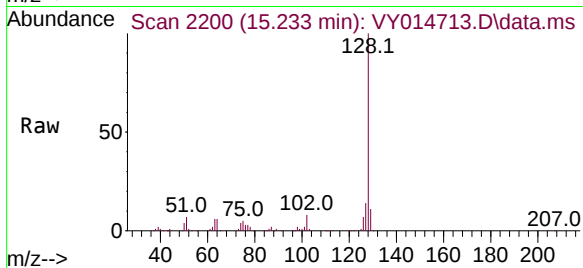
Tgt Ion:	128	Resp:	16763
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.8	16.2
129	10.8	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2023

Supervised By :Mahesh Dadoda 07/21/2023



#96

1,2,3-Trichlorobenzene

Concen: 20.395 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY014713.D

Acq: 20 Jul 2023 12:09

Tgt Ion:	180	Resp:	63197
Ion Ratio	Lower	Upper	
180	100		
182	94.7	47.3	141.8
145	32.4	15.4	46.2

