

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071723\
 Data File : VY014666.D
 Acq On : 17 Jul 2023 12:46
 Operator : SY/MD
 Sample : VY0717SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0717SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/18/2023
 Supervised By : Mahesh Dadoda 07/18/2023

Quant Time: Jul 18 06:08:05 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	289664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	482361	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	428703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	215368	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	175300	53.108	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.220%			
35) Dibromofluoromethane	7.716	113	163543	53.261	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.520%			
50) Toluene-d8	10.179	98	587406	51.888	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.780%			
62) 4-Bromofluorobenzene	12.477	95	224454	51.708	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	55698	23.601	ug/l	97
3) Chloromethane	2.107	50	65287	24.611	ug/l	97
4) Vinyl Chloride	2.247	62	72543	24.468	ug/l	97
5) Bromomethane	2.625	94	48394	24.700	ug/l	93
6) Chloroethane	2.778	64	45670	24.661	ug/l	89
7) Trichlorofluoromethane	3.113	101	110557	22.203	ug/l	96
8) Diethyl Ether	3.521	74	41746	22.533	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.887	101	64107	21.005	ug/l	96
10) Methyl Iodide	4.082	142	68793	22.625	ug/l	94
11) Tert butyl alcohol	4.936	59	146824	211.167	ug/l #	89
12) 1,1-Dichloroethene	3.863	96	61166	21.443	ug/l	91
13) Acrolein	3.722	56	35905	104.072	ug/l	98
14) Allyl chloride	4.472	41	106938	21.114	ug/l	95
15) Acrylonitrile	5.155	53	123241	120.632	ug/l	98
16) Acetone	3.942	43	118756	113.534	ug/l	92
17) Carbon Disulfide	4.186	76	176747	21.643	ug/l	97
18) Methyl Acetate	4.472	43	98527	24.546	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	209588	22.619	ug/l	98
20) Methylene Chloride	4.710	84	87942	23.656	ug/l	89
21) trans-1,2-Dichloroethene	5.210	96	70645	21.824	ug/l	100
22) Diisopropyl ether	6.112	45	219934	21.359	ug/l	94
23) Vinyl Acetate	6.051	43	675374	109.603	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	125998	21.385	ug/l	95
25) 2-Butanone	6.978	43	186577	121.923	ug/l	97
26) 2,2-Dichloropropane	6.972	77	123427	21.981	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	82919	22.006	ug/l	98
28) Bromochloromethane	7.332	49	58270	22.964	ug/l	93
29) Tetrahydrofuran	7.344	42	116830	123.987	ug/l	92
30) Chloroform	7.502	83	132647	21.833	ug/l	94
31) Cyclohexane	7.777	56	111382	20.327	ug/l	91
32) 1,1,1-Trichloroethane	7.697	97	117578	21.502	ug/l	98
36) 1,1-Dichloropropene	7.911	75	97749	21.287	ug/l	99
37) Ethyl Acetate	7.069	43	74133	23.448	ug/l #	94
38) Carbon Tetrachloride	7.899	117	102395	21.094	ug/l	97
39) Methylcyclohexane	9.179	83	123013	20.562	ug/l	95
40) Benzene	8.155	78	282776	21.652	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	34710m	21.345	ug/l	
42) 1,2-Dichloroethane	8.234	62	92067	22.262	ug/l	94
43) Isopropyl Acetate	8.270	43	138470	22.992	ug/l	97
44) Trichloroethene	8.935	130	81206	22.224	ug/l	98
45) 1,2-Dichloropropane	9.215	63	73331	21.503	ug/l	98
46) Dibromomethane	9.301	93	46011	22.240	ug/l	97
47) Bromodichloromethane	9.496	83	106536	21.849	ug/l	98
48) Methyl methacrylate	9.289	41	64076	23.645	ug/l	93
49) 1,4-Dioxane	9.301	88	17231	510.794	ug/l #	53
51) 4-Methyl-2-Pentanone	10.069	43	380204	120.239	ug/l	94
52) Toluene	10.240	92	180942	21.652	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	114807	21.526	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	124607	21.484	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	65032	22.567	ug/l	95
56) Ethyl methacrylate	10.508	69	100941	22.941	ug/l	90
57) 1,3-Dichloropropane	10.788	76	110870	22.306	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	238435	116.301	ug/l	94
59) 2-Hexanone	10.831	43	280983	121.851	ug/l	92
60) Dibromochloromethane	10.983	129	78465	22.207	ug/l	99
61) 1,2-Dibromoethane	11.087	107	65848	22.905	ug/l	99
64) Tetrachloroethene	10.721	164	77706	22.537	ug/l	96
65) Chlorobenzene	11.514	112	197302	21.597	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	75775	21.999	ug/l	98
67) Ethyl Benzene	11.587	91	355297	21.541	ug/l	100
68) m/p-Xylenes	11.703	106	272055	43.209	ug/l	97
69) o-Xylene	12.026	106	130361	21.257	ug/l	100
70) Styrene	12.044	104	224157	21.687	ug/l	98
71) Bromoform	12.203	173	53013	22.706	ug/l #	99
73) Isopropylbenzene	12.325	105	347853	20.628	ug/l	99
74) N-amyl acetate	12.142	43	124339	22.015	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	84610	22.002	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	61119m	22.470	ug/l	
77) Bromobenzene	12.605	156	82242	21.365	ug/l	95
78) n-propylbenzene	12.666	91	418330	20.586	ug/l	99
79) 2-Chlorotoluene	12.751	91	241524	20.635	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	294384	20.903	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	31133	22.161	ug/l	94
82) 4-Chlorotoluene	12.849	91	247896	20.565	ug/l	100
83) tert-Butylbenzene	13.074	119	259023	20.734	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	291392	21.083	ug/l	100
85) sec-Butylbenzene	13.251	105	379245	20.694	ug/l	100
86) p-Isopropyltoluene	13.367	119	314107	20.993	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	159012	21.225	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	162398	21.632	ug/l	98
89) n-Butylbenzene	13.696	91	298204	20.485	ug/l	96
90) Hexachloroethane	13.958	117	64150	20.873	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	149267	21.746	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.349	75	16789	22.829	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	95311	21.874	ug/l	98
94) Hexachlorobutadiene	15.111	225	50599	21.132	ug/l	98
95) Naphthalene	15.233	128	232536	22.907	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	84930	21.932	ug/l	98

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

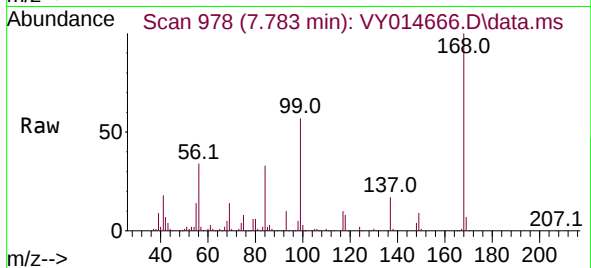
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014666.D
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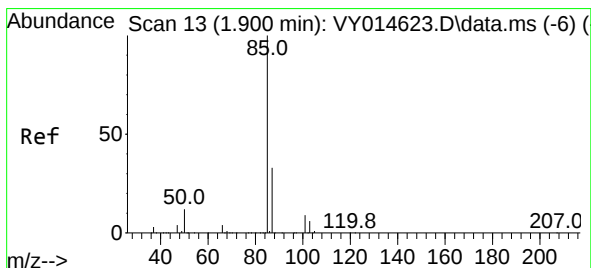
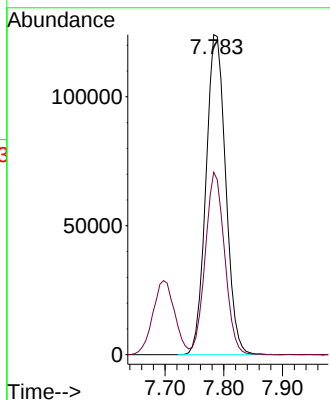
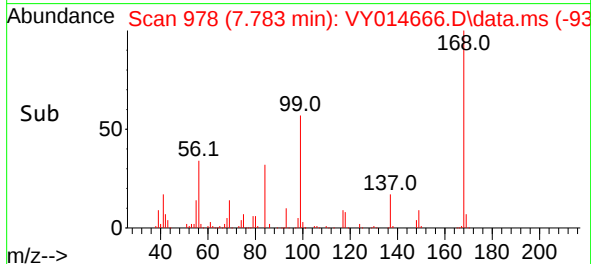
Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBSD01



Tgt Ion:168 Resp: 289664
Ion Ratio Lower Upper
168 100
99 57.0 43.4 65.0

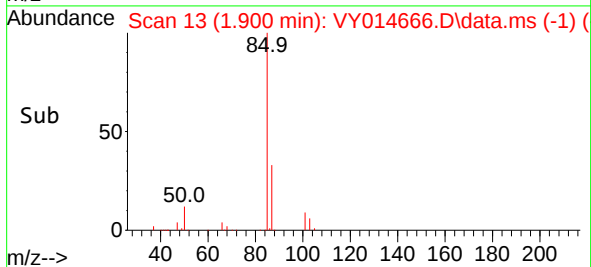
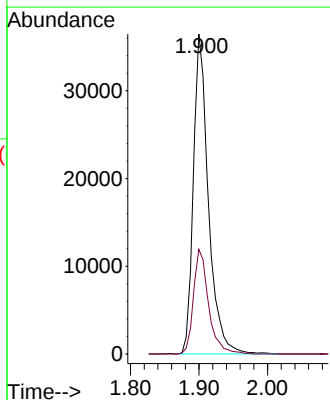
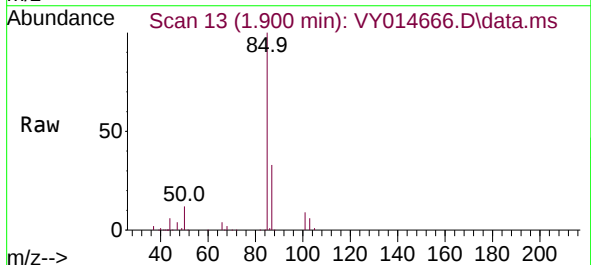
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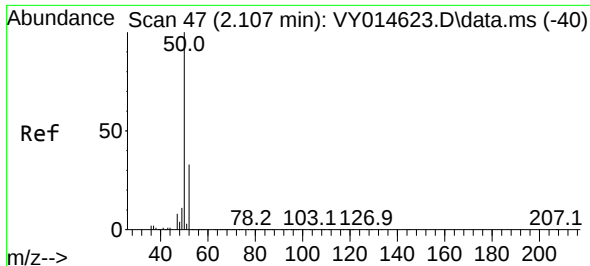
Reviewed By :John Carlone 07/18/2023
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#2
Dichlorodifluoromethane
Concen: 23.601 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

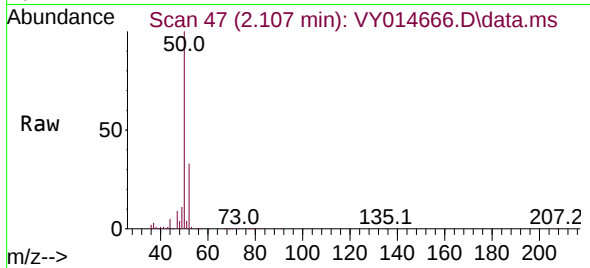
Tgt Ion: 85 Resp: 55698
Ion Ratio Lower Upper
85 100
87 32.7 15.6 46.8





#3
Chloromethane
Concen: 24.611 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

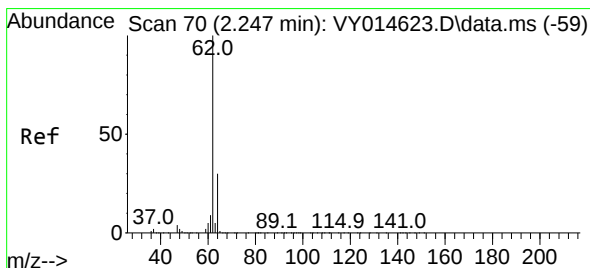
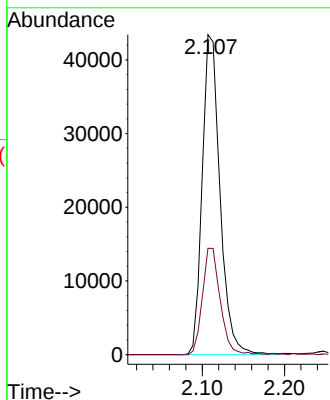
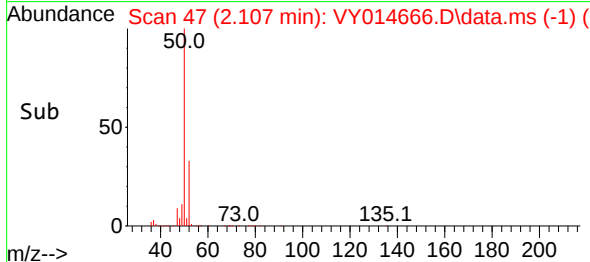
Instrument :
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Tgt Ion: 50 Resp: 6528
Ion Ratio Lower Upper
50 100
52 33.2 25.4 38.2

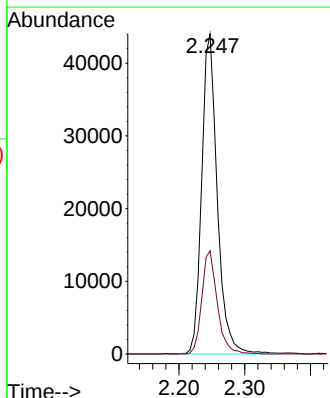
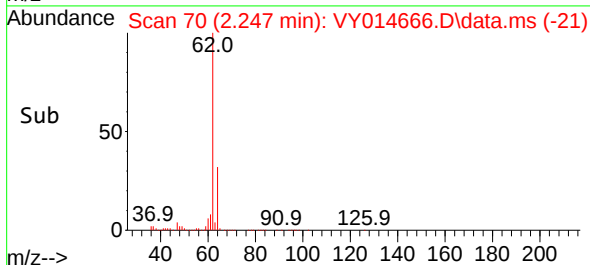
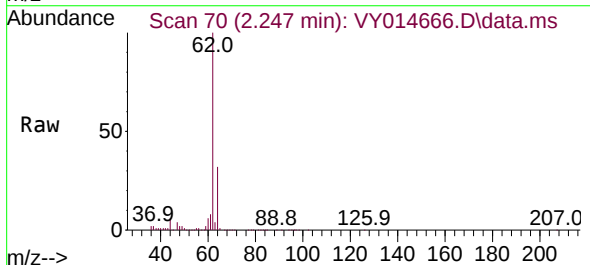
Manual Integrations
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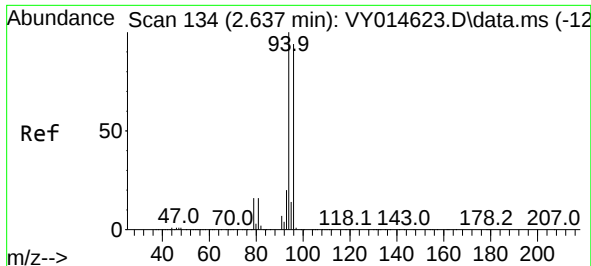
Reviewed By :John Carlone 07/18/2023
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#4
Vinyl Chloride
Concen: 24.468 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

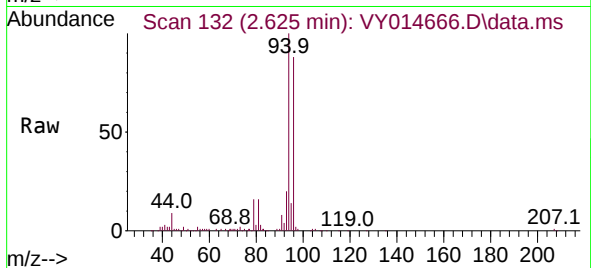
Tgt Ion: 62 Resp: 72543
Ion Ratio Lower Upper
62 100
64 32.2 24.3 36.5





#5
Bromomethane
Concen: 24.700 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

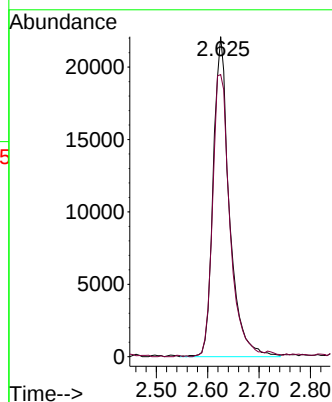
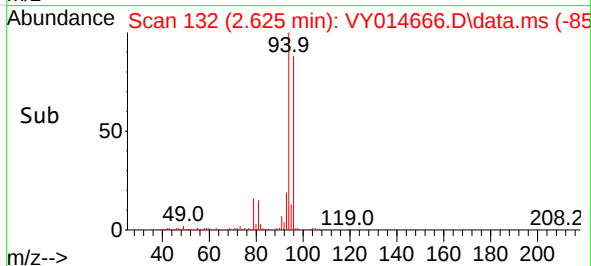
Instrument :
MSVOA_Y
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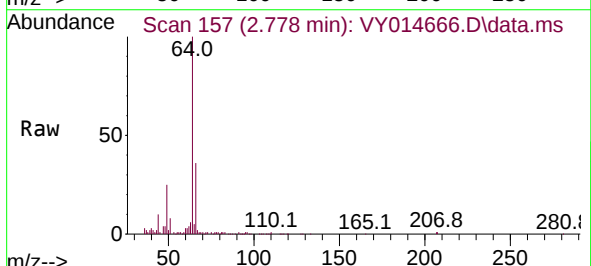
Tgt Ion: 94 Resp: 48394
Ion Ratio Lower Upper
94 100
96 87.8 75.8 113.6

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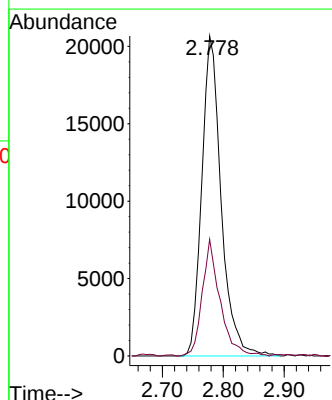
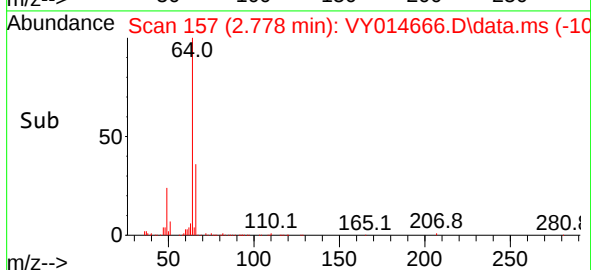
Reviewed By :John Carlone 07/18/2023
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#6
Chloroethane
Concen: 24.661 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY014666.D
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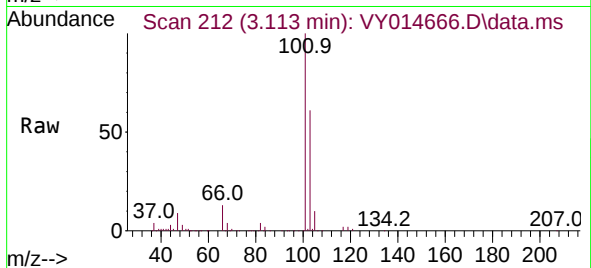
Tgt Ion: 64 Resp: 45670
Ion Ratio Lower Upper
64 100
66 36.5 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 22.203 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VY014666.D
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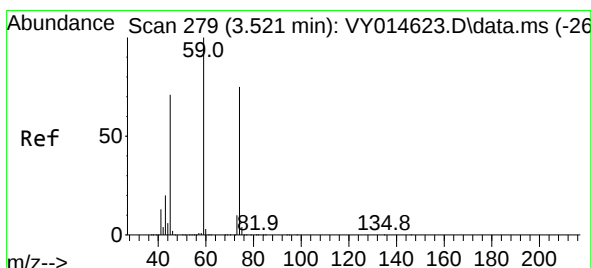
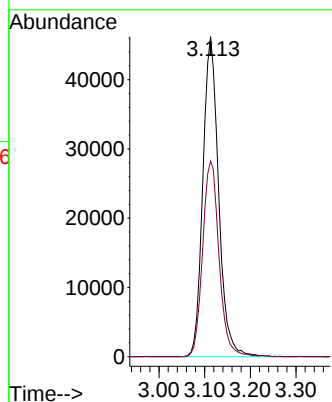
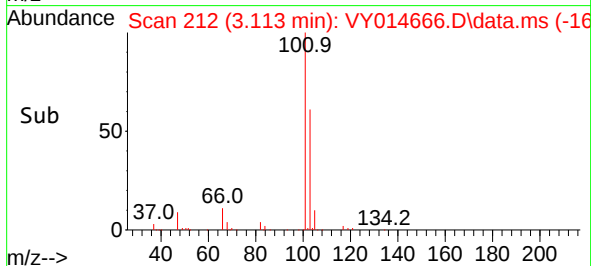
Instrument :
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Tgt Ion:101 Resp: 11055
 Ion Ratio Lower Upper
 101 100
 103 61.1 51.4 77.0

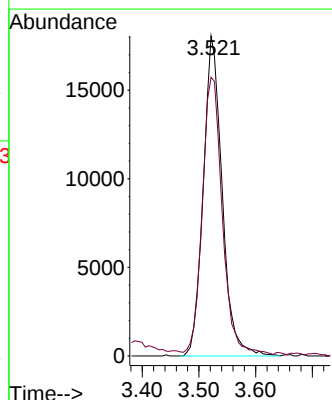
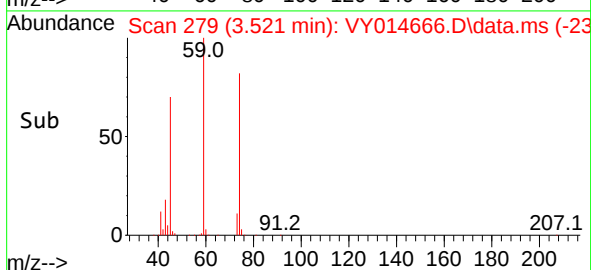
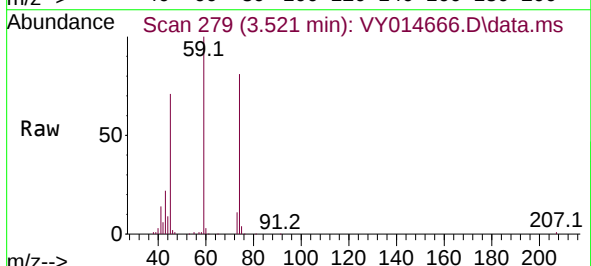
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#8
 Diethyl Ether
 Concen: 22.533 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VY014666.D
 Acq: 17 Jul 2023 12:46

Tgt Ion: 74 Resp: 41746
 Ion Ratio Lower Upper
 74 100
 45 91.3 51.5 154.5





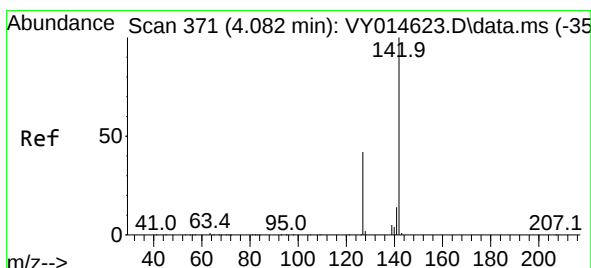
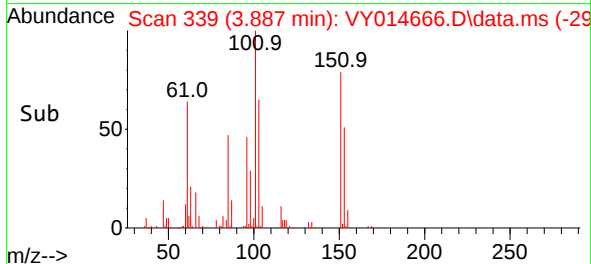
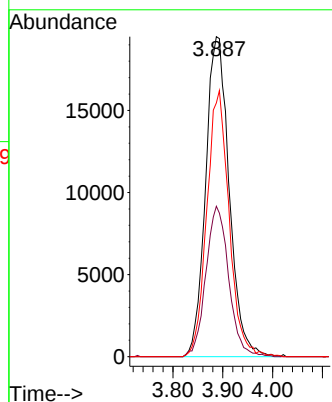
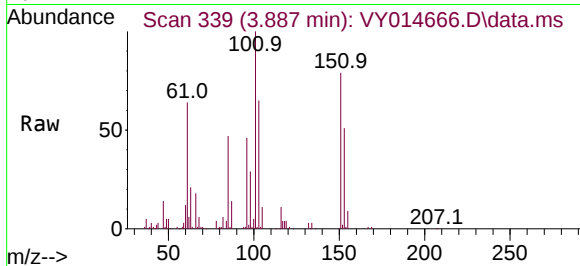
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.005 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY014666.D
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Instrument :
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Tgt Ion:101 Resp: 6410
Ion Ratio Lower Upper
101 100
85 45.5 36.6 55.0
151 78.6 67.0 100.6

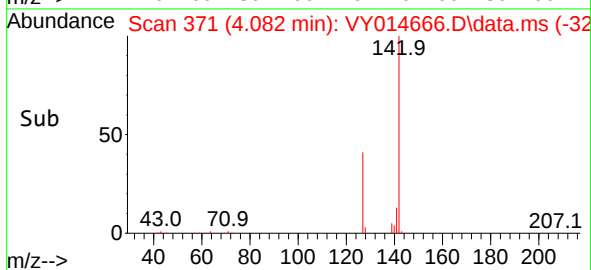
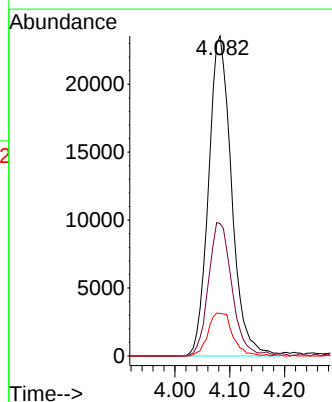
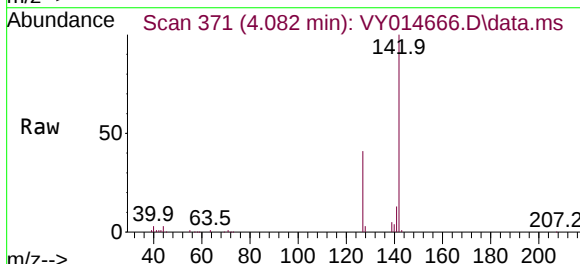
Manual Integrations
APPROVED

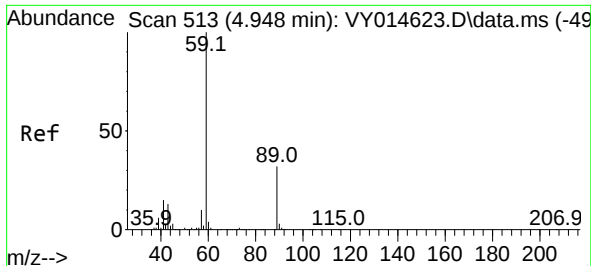
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#10
Methyl Iodide
Concen: 22.625 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

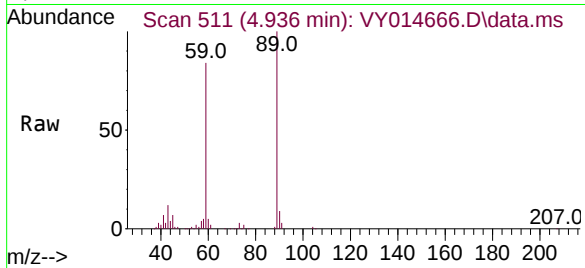
Tgt Ion:142 Resp: 68793
Ion Ratio Lower Upper
142 100
127 42.1 37.6 56.4
141 14.3 11.8 17.8





#11
Tert butyl alcohol
Concen: 211.167 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

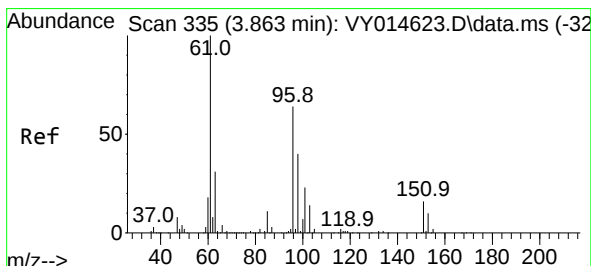
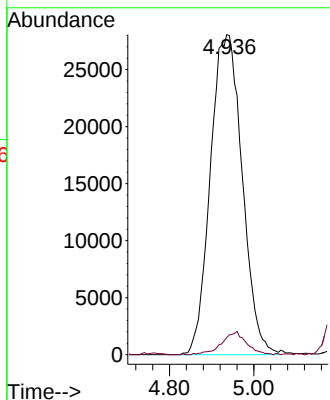
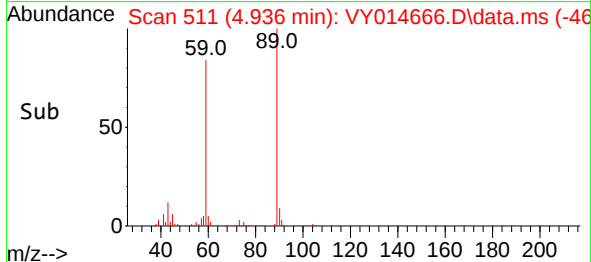
Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBSD01



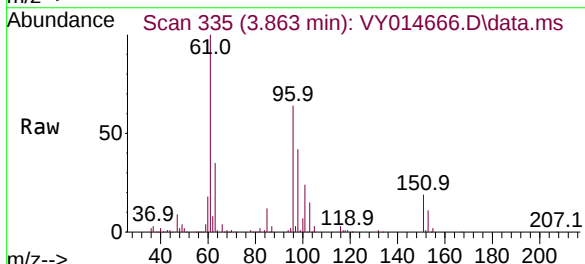
Tgt Ion: 59 Resp: 146824
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4

Manual Integrations
APPROVED

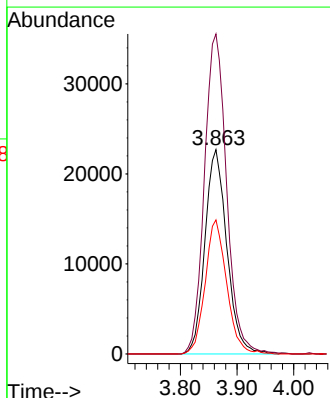
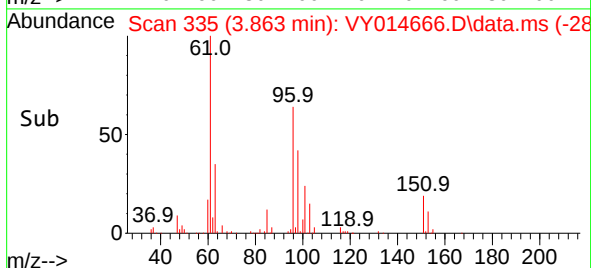
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

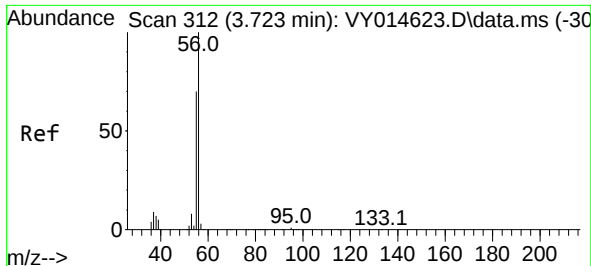


#12
1,1-Dichloroethene
Concen: 21.443 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46



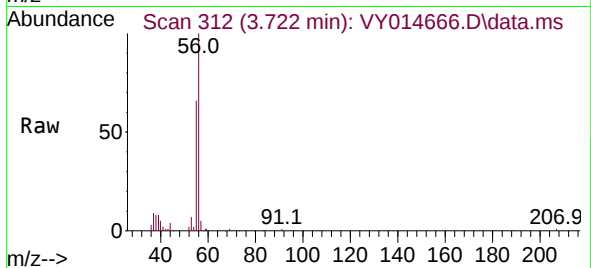
Tgt Ion: 96 Resp: 61166
Ion Ratio Lower Upper
96 100
61 156.6 136.4 204.6
98 65.6 49.4 74.2





#13
Acrolein
Concen: 104.072 ug/l
RT: 3.722 min Scan# 312
Delta R.T. -0.001 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

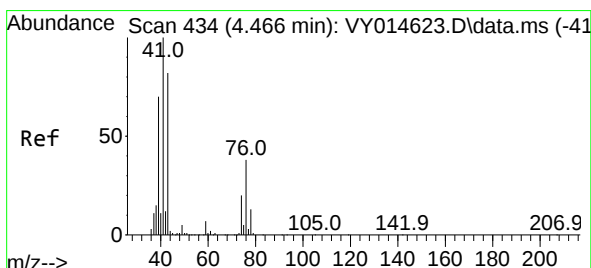
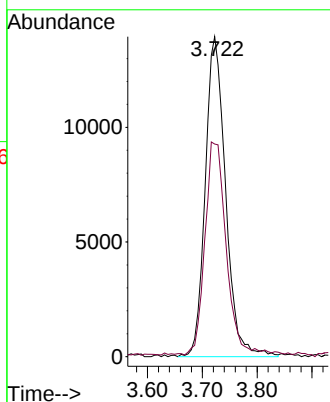
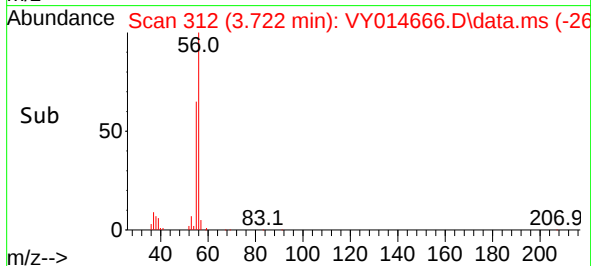
Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBS01



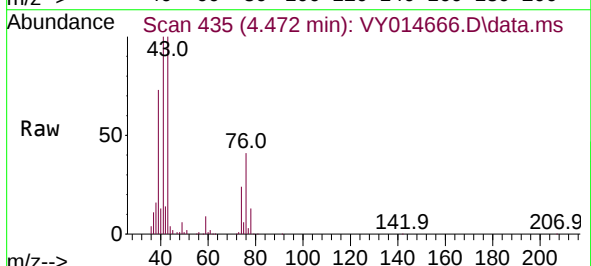
Tgt Ion: 56 Resp: 3590
Ion Ratio Lower Upper
56 100
55 69.5 57.0 85.4

Manual Integrations
APPROVED

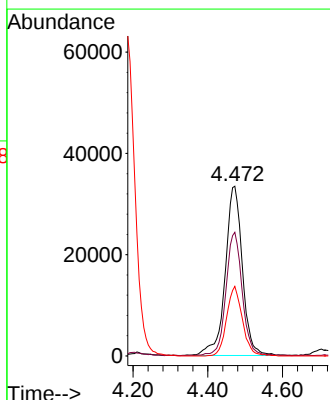
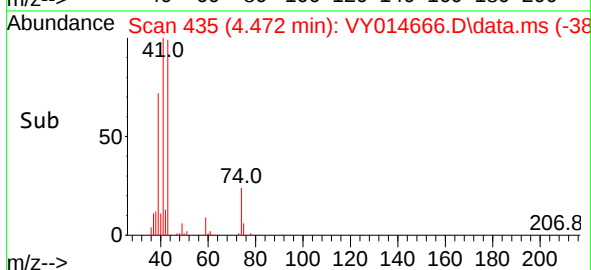
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#14
Allyl chloride
Concen: 21.114 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46



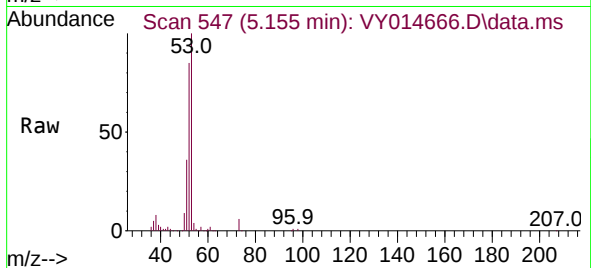
Tgt Ion: 41 Resp: 106938
Ion Ratio Lower Upper
41 100
39 68.9 58.0 87.0
76 37.6 27.4 41.2





#15
Acrylonitrile
Concen: 120.632 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

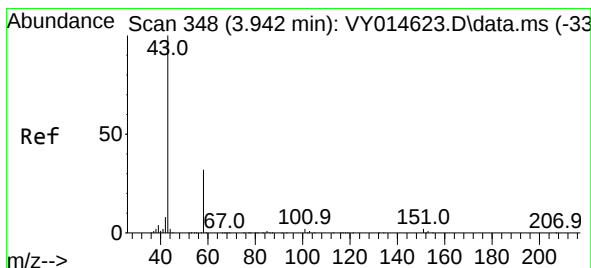
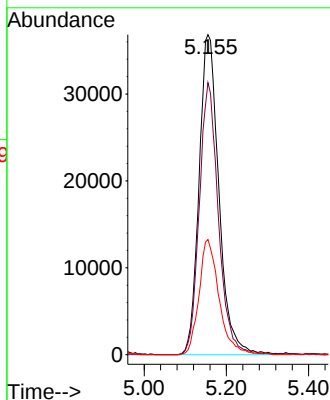
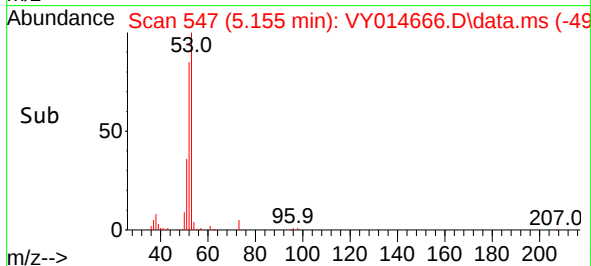
Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBSD01



Tgt Ion: 53 Resp: 12324
Ion Ratio Lower Upper
53 100
52 81.9 66.9 100.3
51 36.5 29.8 44.6

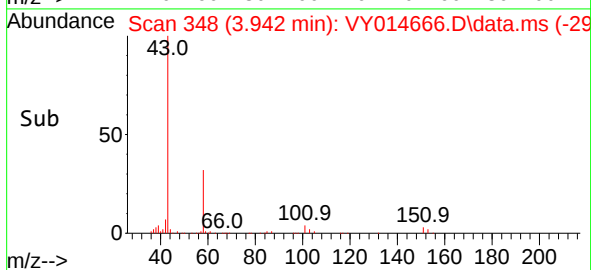
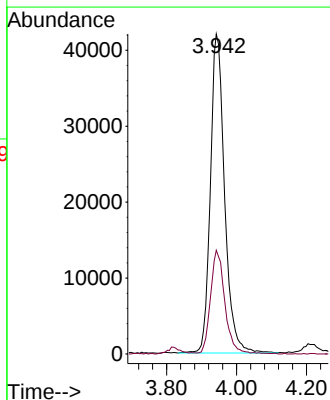
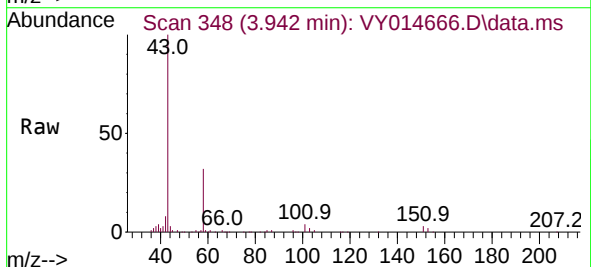
Manual Integrations
APPROVED

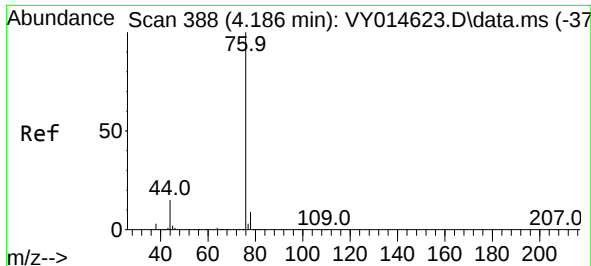
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#16
Acetone
Concen: 113.534 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

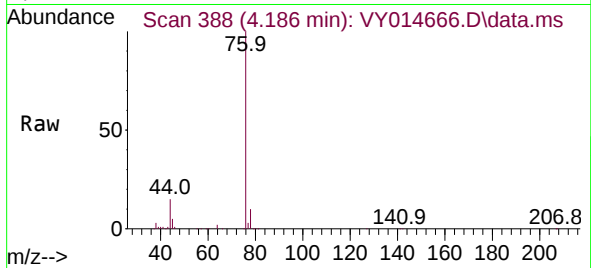
Tgt Ion: 43 Resp: 118756
Ion Ratio Lower Upper
43 100
58 32.5 22.7 34.1





#17
Carbon Disulfide
Concen: 21.643 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

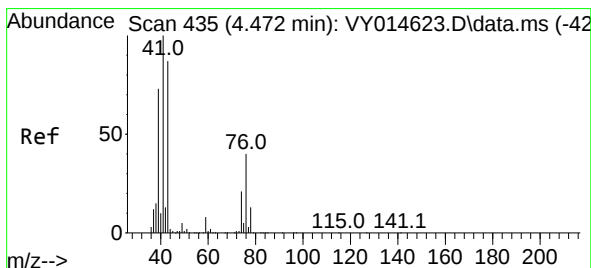
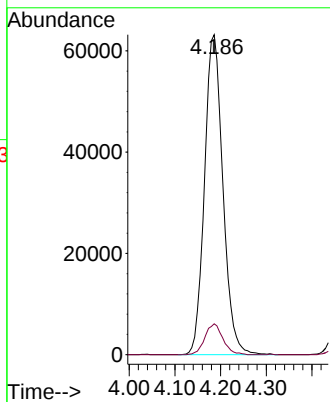
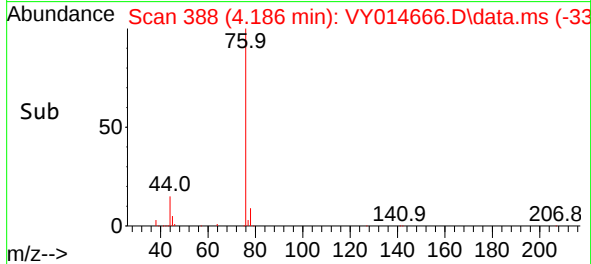
Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBSD01



Tgt Ion: 76 Resp: 17674
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.4

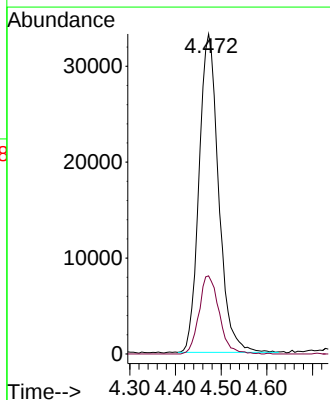
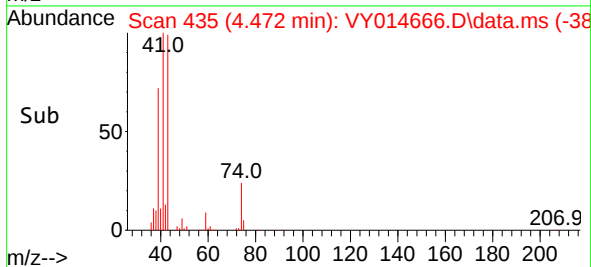
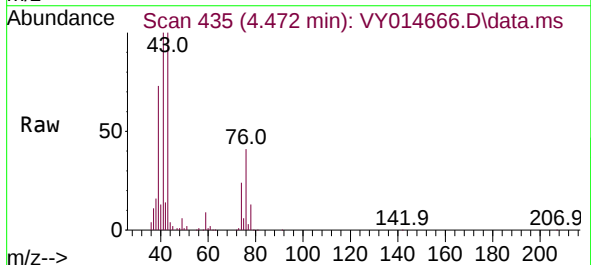
Manual Integrations
APPROVED

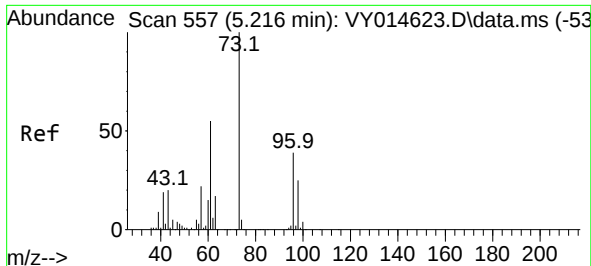
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#18
Methyl Acetate
Concen: 24.546 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

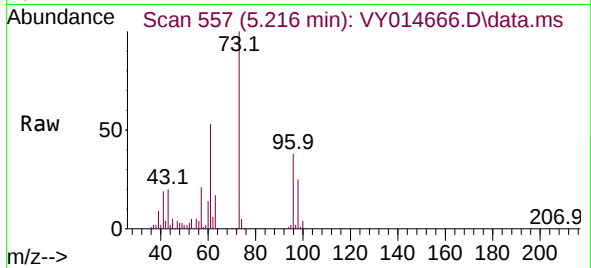
Tgt Ion: 43 Resp: 98527
Ion Ratio Lower Upper
43 100
74 25.2 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 22.619 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

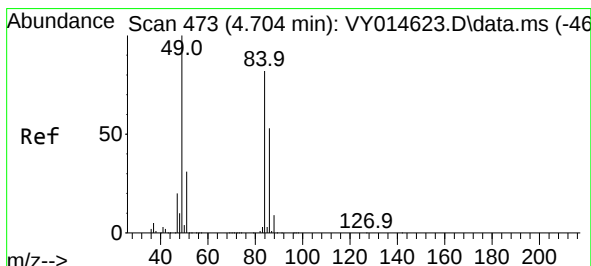
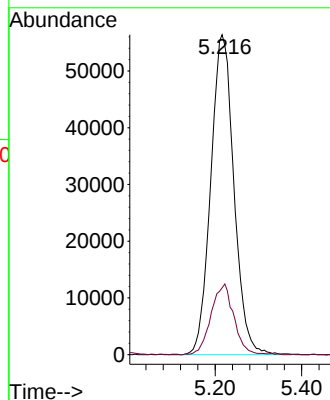
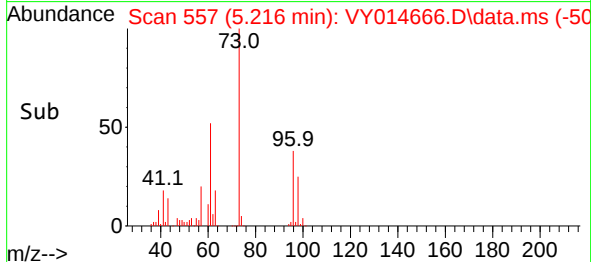
Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBSD01



Tgt Ion: 73 Resp: 20958
Ion Ratio Lower Upper
73 100
57 20.9 17.3 25.9

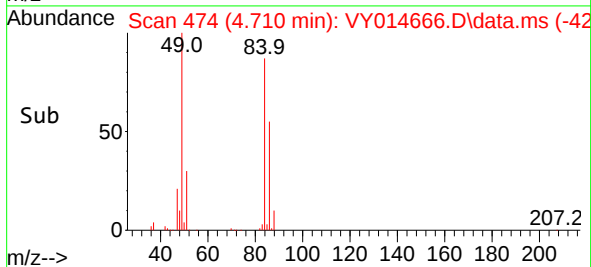
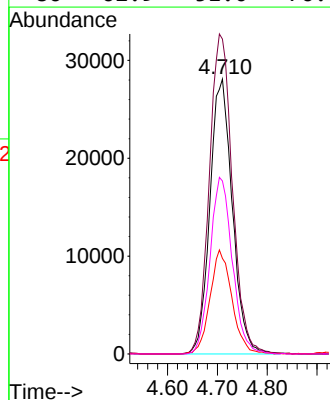
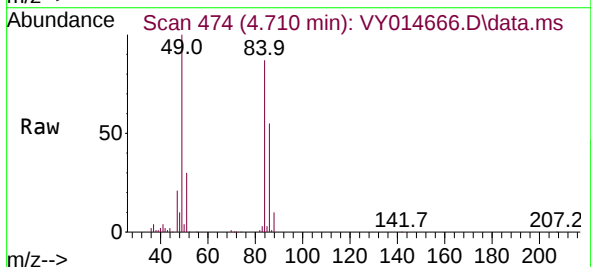
Manual Integrations
APPROVED

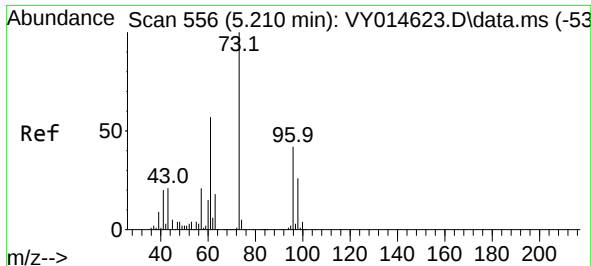
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#20
Methylene Chloride
Concen: 23.656 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

Tgt Ion: 84 Resp: 87942
Ion Ratio Lower Upper
84 100
49 114.6 106.9 160.3
51 34.8 33.2 49.8
86 62.9 51.0 76.6





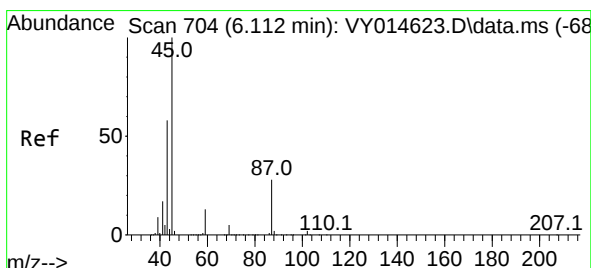
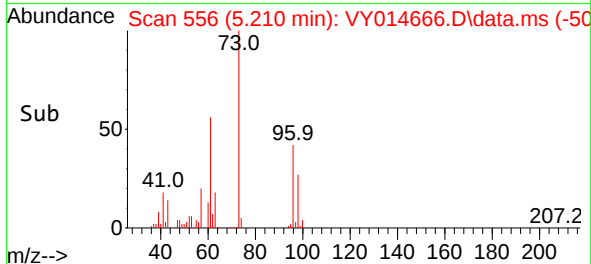
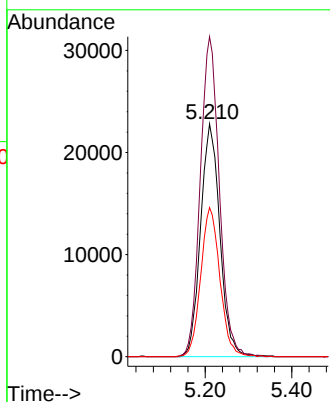
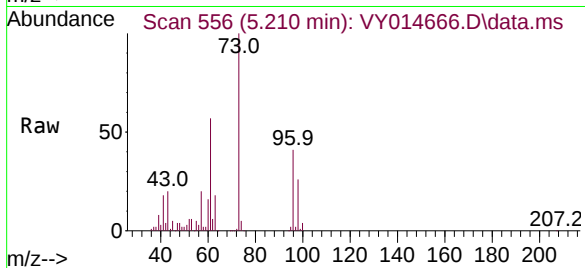
#21
trans-1,2-Dichloroethene
Concen: 21.824 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBSD01

Tgt Ion: 96 Resp: 70649
Ion Ratio Lower Upper
96 100
61 137.4 110.2 165.4
98 64.0 51.8 77.6

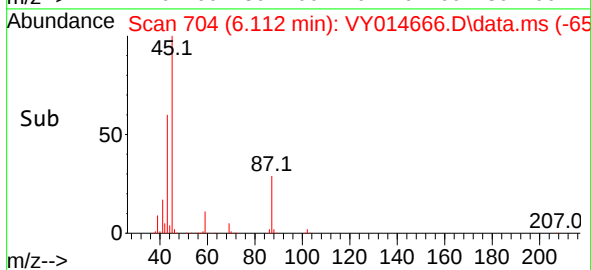
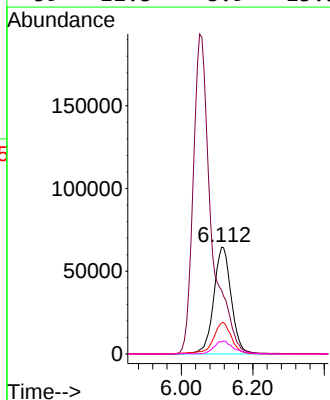
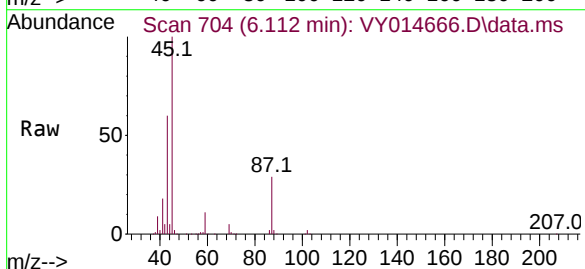
Manual Integrations
APPROVED

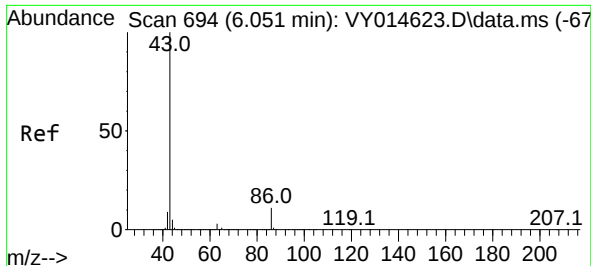
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#22
Diisopropyl ether
Concen: 21.359 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

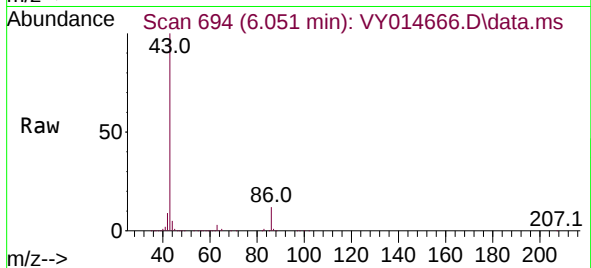
Tgt Ion: 45 Resp: 219934
Ion Ratio Lower Upper
45 100
43 59.3 52.2 78.4
87 29.1 21.0 31.6
59 11.3 8.9 13.3





#23
 Vinyl Acetate
 Concen: 109.603 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY014666.D
 Acq: 17 Jul 2023 12:46

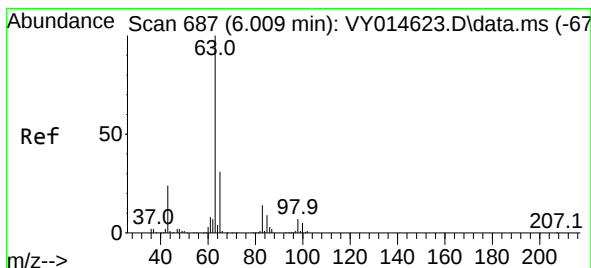
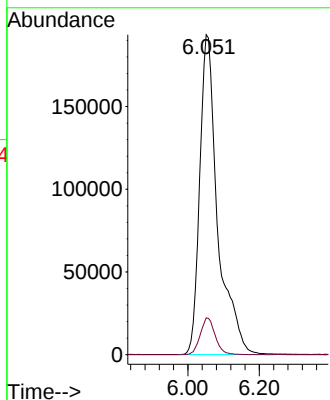
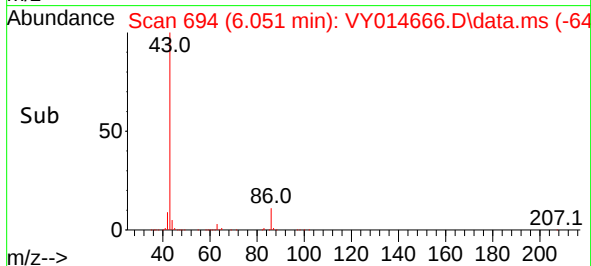
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0717SBSD01



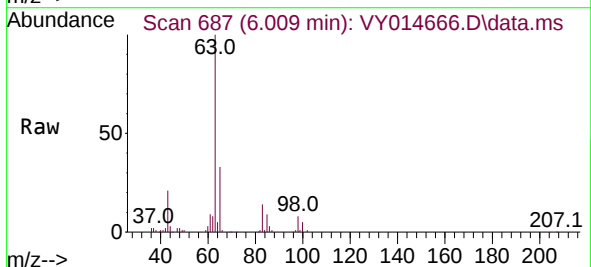
Tgt Ion: 43 Resp: 675374
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.5 11.3

Manual Integrations
 APPROVED

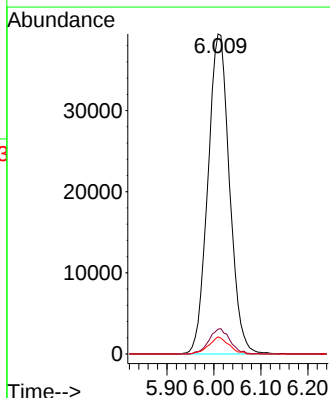
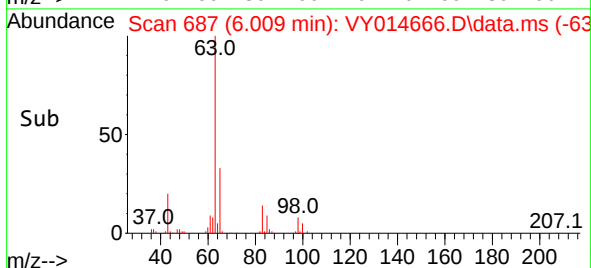
Reviewed By :John Carlone 07/18/2023
 Supervised By :Mahesh Dadoda 07/18/2023



#24
 1,1-Dichloroethane
 Concen: 21.385 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY014666.D
 Acq: 17 Jul 2023 12:46



Tgt Ion: 63 Resp: 125998
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.1 9.4
 100 5.4 1.8 5.5





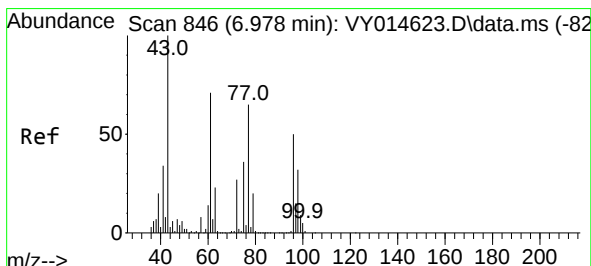
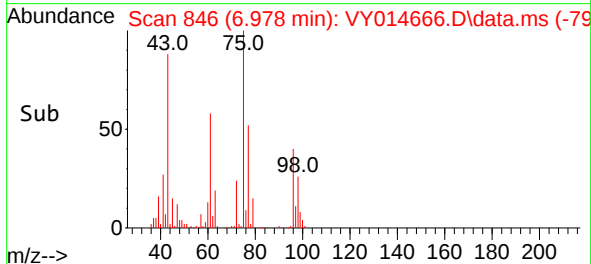
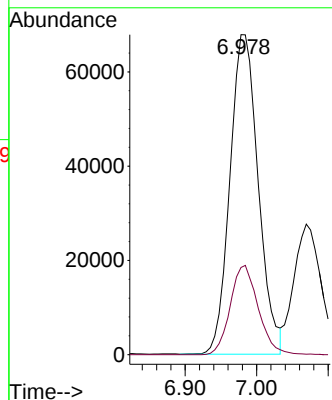
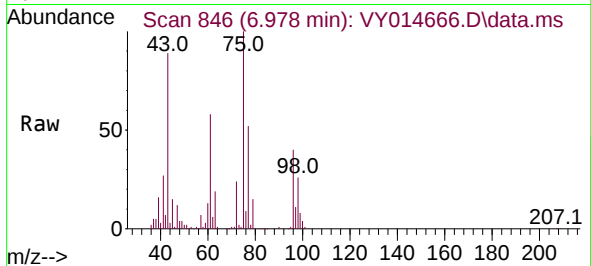
#25
2-Butanone
Concen: 121.923 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBS01

Tgt Ion: 43 Resp: 18657
Ion Ratio Lower Upper
43 100
72 27.3 20.5 30.7

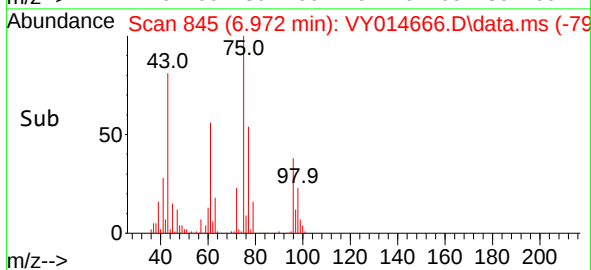
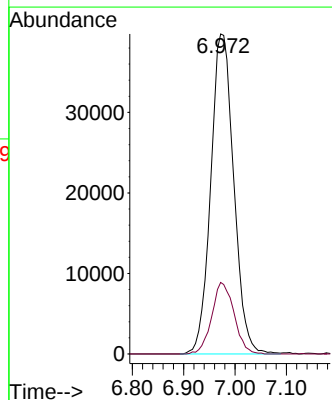
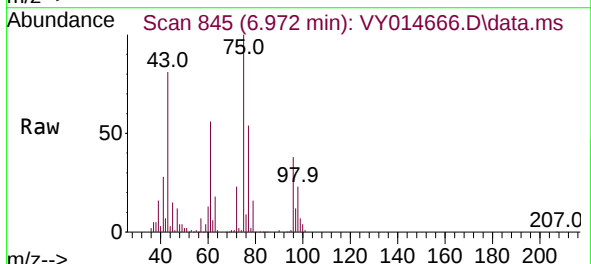
Manual Integrations
APPROVED

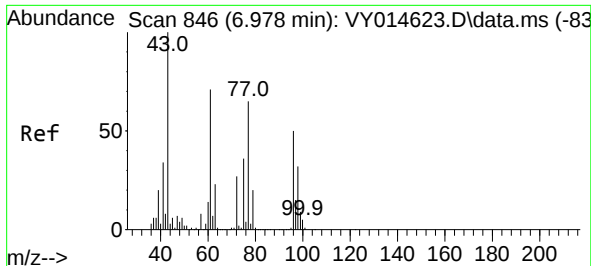
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#26
2,2-Dichloropropane
Concen: 21.981 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

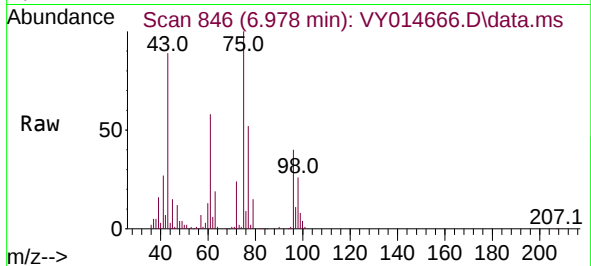
Tgt Ion: 77 Resp: 123427
Ion Ratio Lower Upper
77 100
97 21.7 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 22.006 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. -0.000 min
 Lab File: VY014666.D
 Acq: 17 Jul 2023 12:46

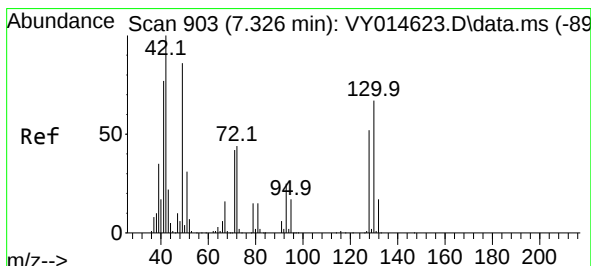
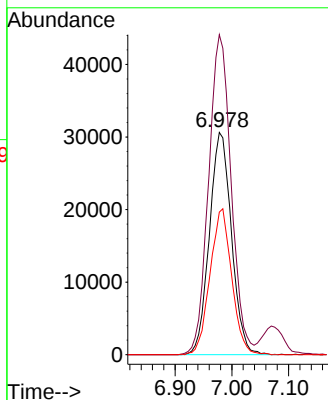
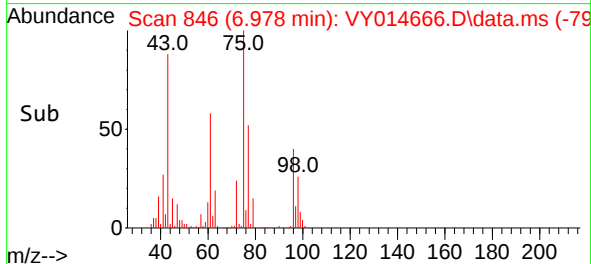
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0717SBSD01



Tgt Ion: 96 Resp: 82919
 Ion Ratio Lower Upper
 96 100
 61 147.1 0.0 301.4
 98 64.5 0.0 130.4

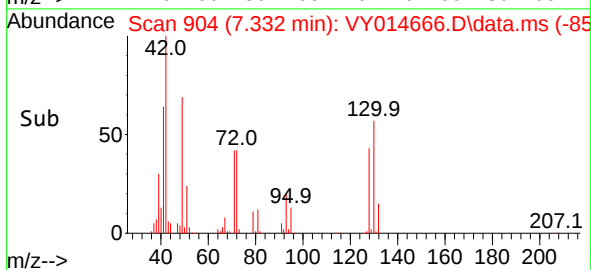
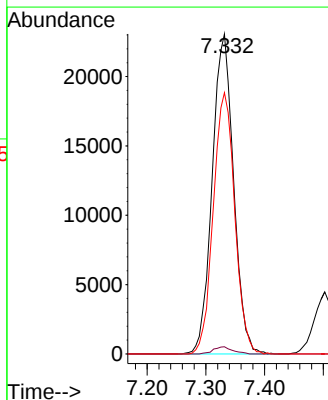
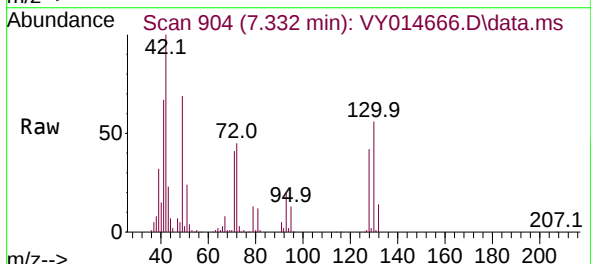
Manual Integrations
 APPROVED

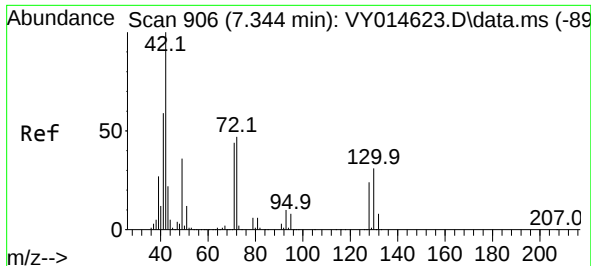
Reviewed By :John Carlone 07/18/2023
 Supervised By :Mahesh Dadoda 07/18/2023



#28
 Bromochloromethane
 Concen: 22.964 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.006 min
 Lab File: VY014666.D
 Acq: 17 Jul 2023 12:46

Tgt Ion: 49 Resp: 58270
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 82.0 60.7 91.1





#29

Tetrahydrofuran

Concen: 123.987 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY014666.D

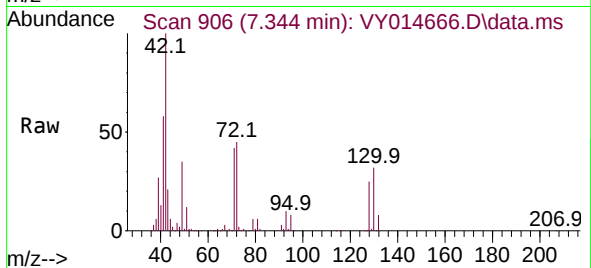
Acq: 17 Jul 2023 12:46

Instrument :

MSVOA_Y

ClientSampleId :

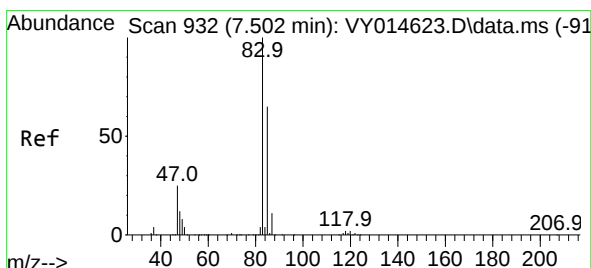
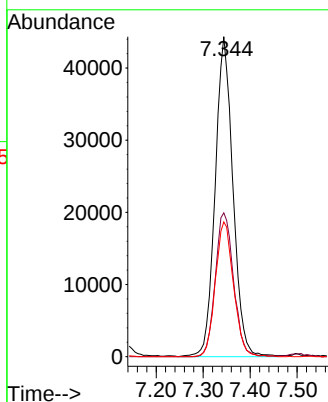
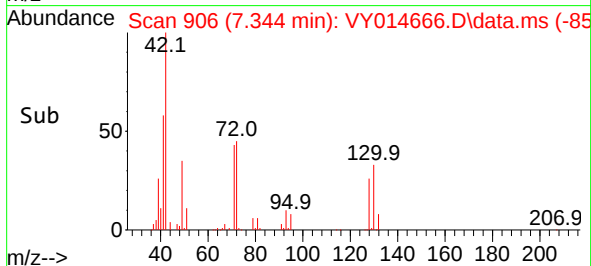
VY0717SBSD01



Tgt Ion:	42	Resp:	116830
Ion Ratio	Lower	Upper	
42	100		
72	46.2	32.8	49.2
71	43.0	31.0	46.4

Manual Integrations
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Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#30

Chloroform

Concen: 21.833 ug/l

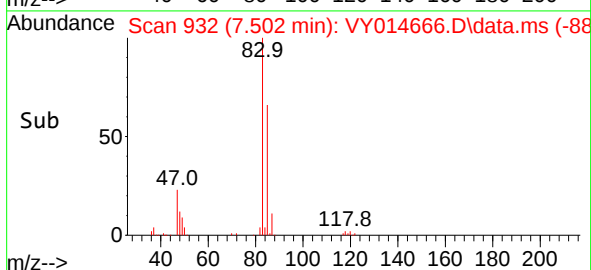
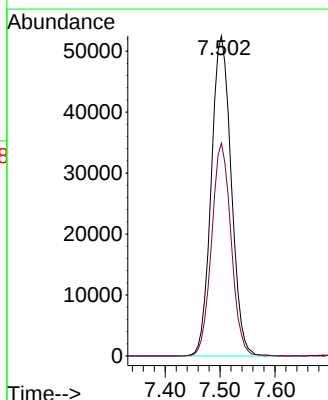
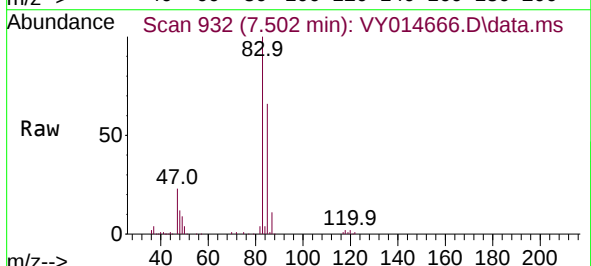
RT: 7.502 min Scan# 932

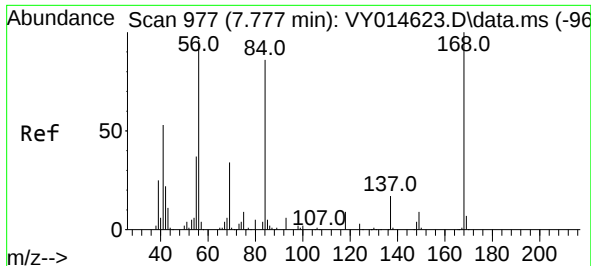
Delta R.T. 0.000 min

Lab File: VY014666.D

Acq: 17 Jul 2023 12:46

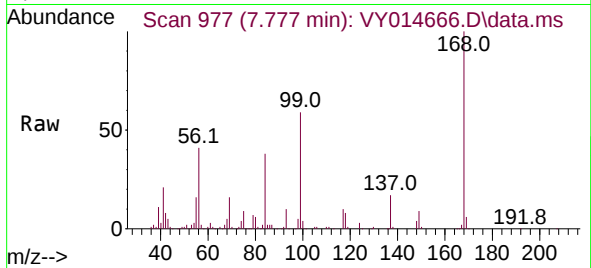
Tgt Ion:	83	Resp:	132647
Ion Ratio	Lower	Upper	
83	100		
85	66.5	49.7	74.5





#31
Cyclohexane
Concen: 20.327 ug/l
RT: 7.777 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

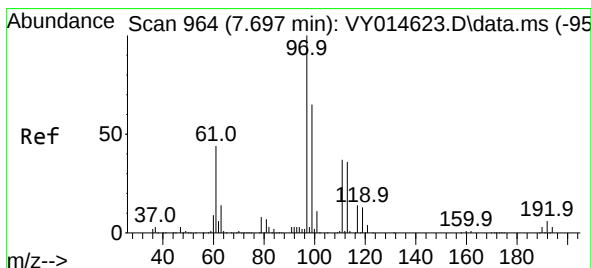
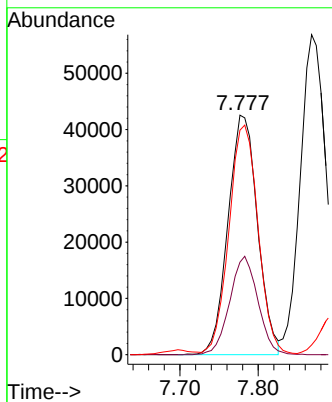
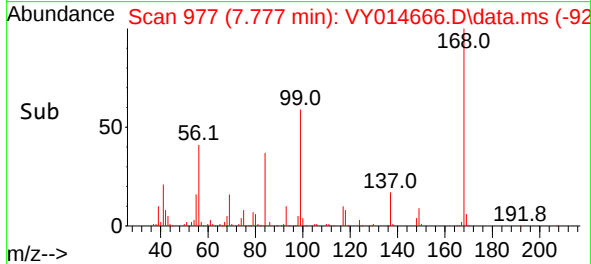
Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBSD01



Tgt Ion: 56 Resp: 11138
Ion Ratio Lower Upper
56 100
69 38.6 27.8 41.6
84 91.7 66.4 99.6

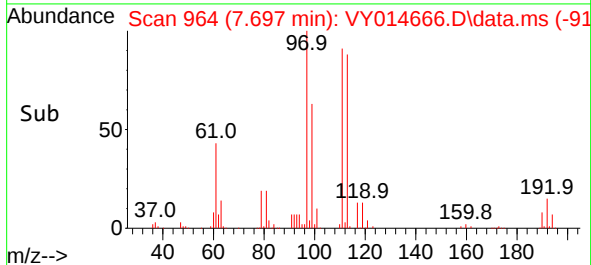
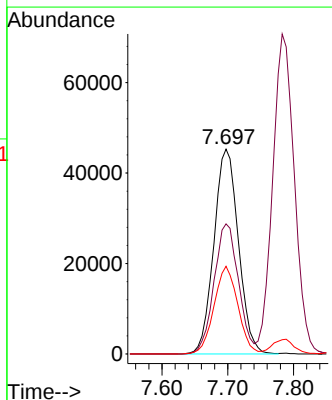
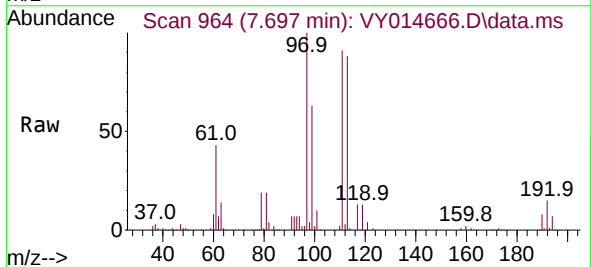
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#32
1,1,1-Trichloroethane
Concen: 21.502 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

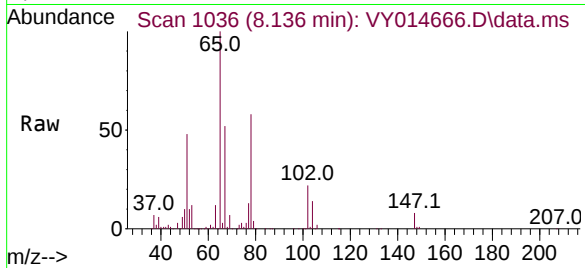
Tgt Ion: 97 Resp: 117578
Ion Ratio Lower Upper
97 100
99 63.2 50.8 76.2
61 41.5 35.1 52.7





#33
 1,2-Dichloroethane-d4
 Concen: 53.108 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY014666.D
 Acq: 17 Jul 2023 12:46

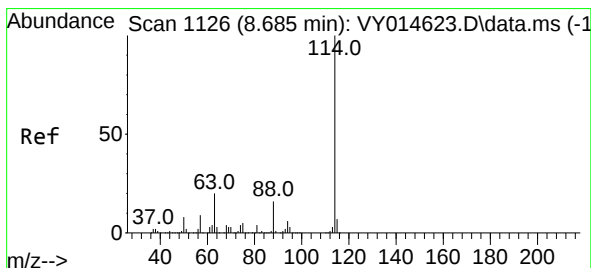
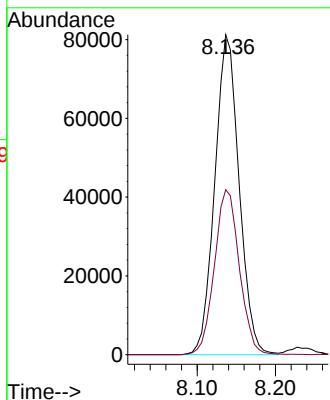
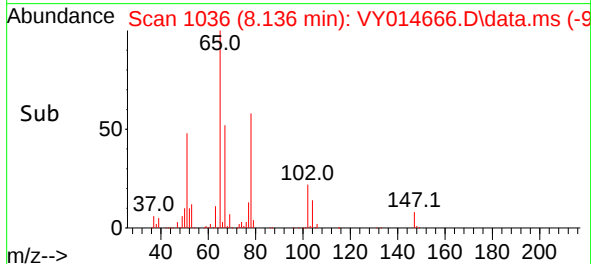
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0717SBS01



Tgt Ion: 65 Resp: 175300
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 101.8

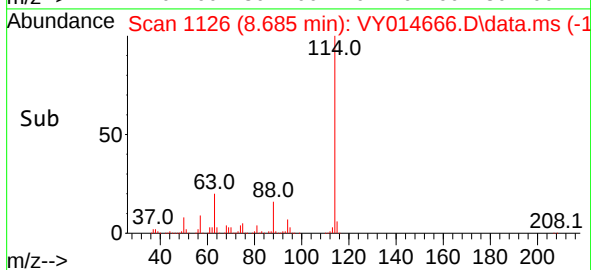
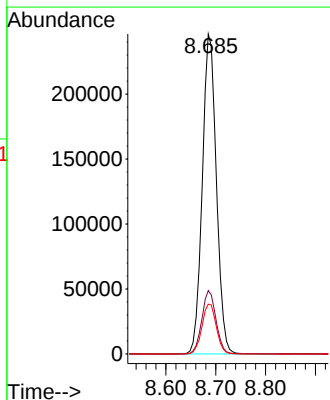
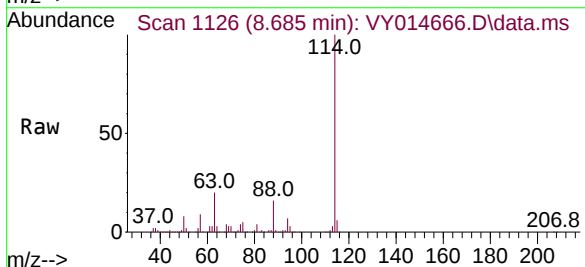
Manual Integrations
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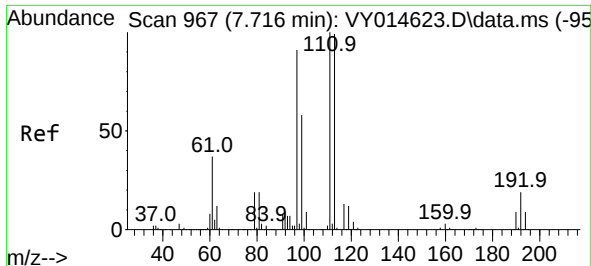
Reviewed By :John Carlone 07/18/2023
 Supervised By :Mahesh Dadoda 07/18/2023



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY014666.D
 Acq: 17 Jul 2023 12:46

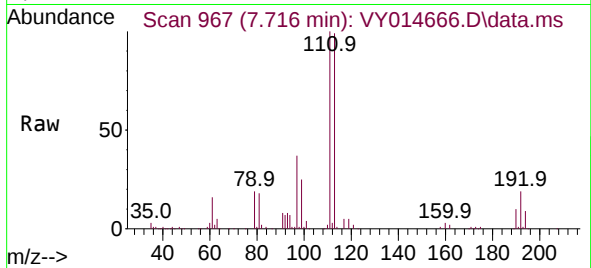
Tgt Ion:114 Resp: 482361
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 42.4
 88 15.6 0.0 30.6





#35
Dibromofluoromethane
Concen: 53.261 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

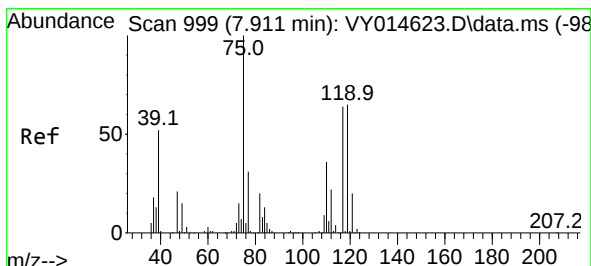
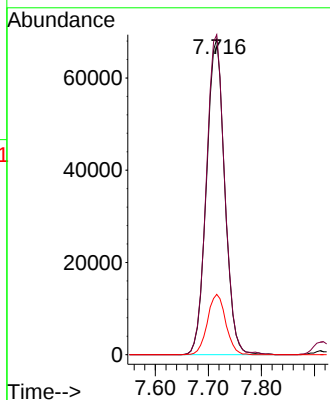
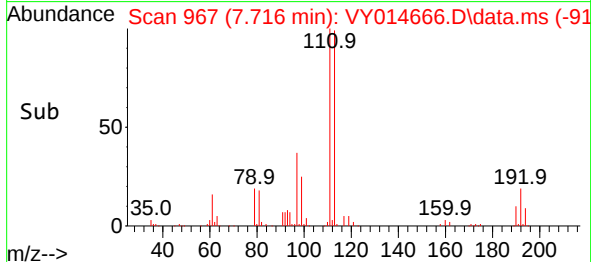
Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBS01



Tgt Ion: 113 Resp: 16354
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 19.2 16.9 25.3

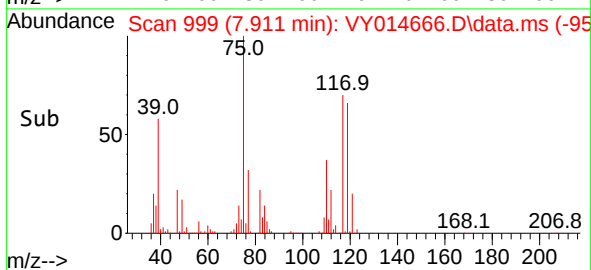
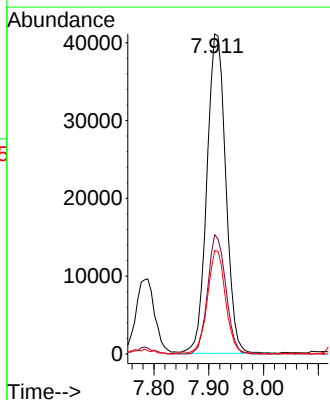
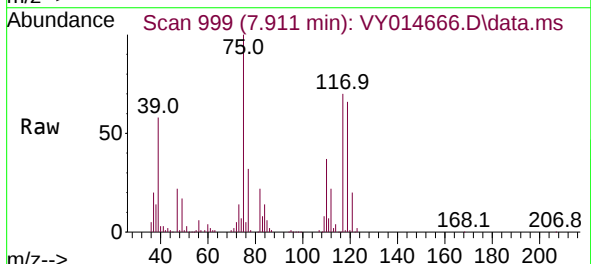
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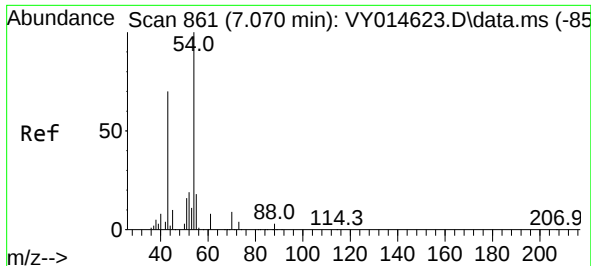
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#36
1,1-Dichloropropene
Concen: 21.287 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

Tgt Ion: 75 Resp: 97749
Ion Ratio Lower Upper
75 100
110 35.9 17.8 53.5
77 31.6 24.4 36.6





#37

Ethyl Acetate

Concen: 23.448 ug/l

RT: 7.069 min Scan# 80

Delta R.T. -0.001 min

Lab File: VY014666.D

Acq: 17 Jul 2023 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0717SBSD01

Tgt Ion: 43 Resp: 7413

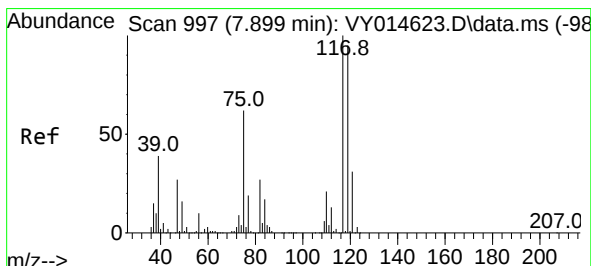
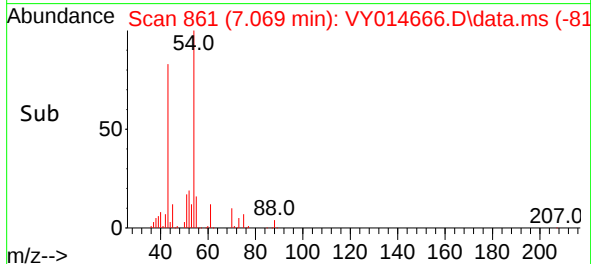
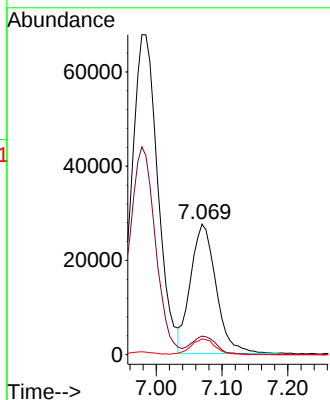
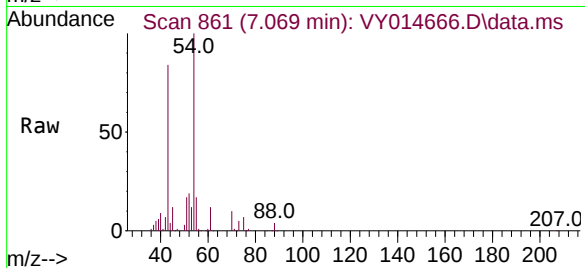
Ion	Ratio	Lower	Upper
43	100		
61	14.4	10.1	15.1
70	11.7	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#38

Carbon Tetrachloride

Concen: 21.094 ug/l

RT: 7.899 min Scan# 997

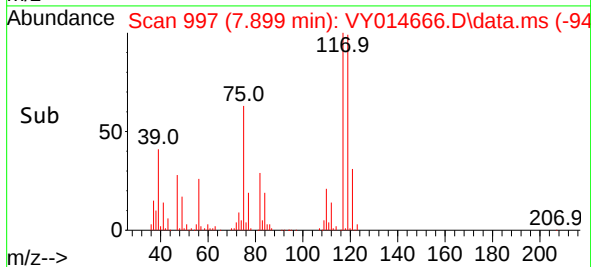
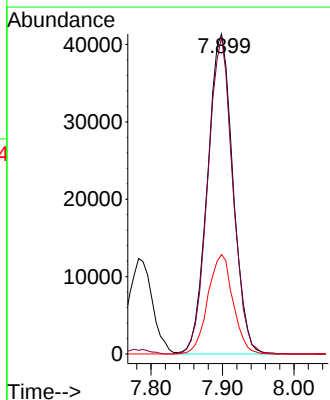
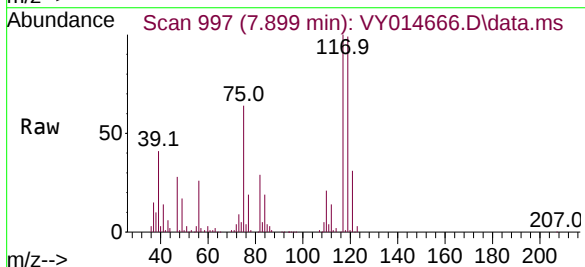
Delta R.T. -0.000 min

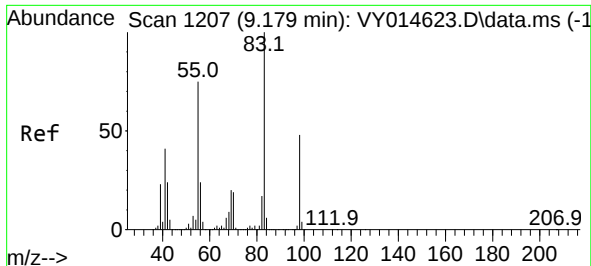
Lab File: VY014666.D

Acq: 17 Jul 2023 12:46

Tgt Ion:117 Resp: 102395

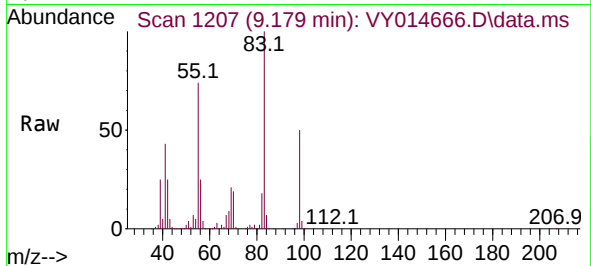
Ion	Ratio	Lower	Upper
117	100		
119	99.0	76.4	114.6
121	31.0	25.8	38.6





#39
Methylcyclohexane
Concen: 20.562 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.000 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

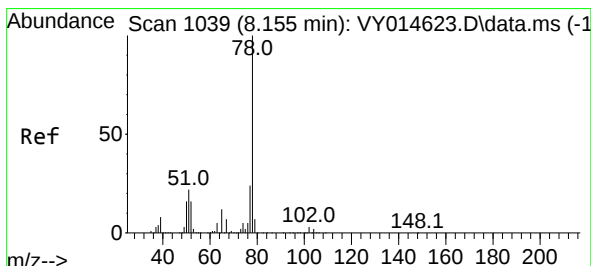
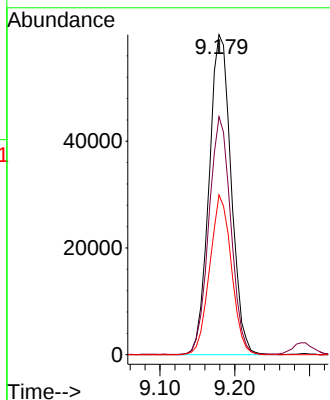
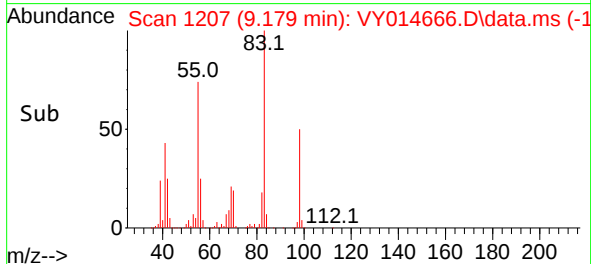
Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBSD01



Tgt Ion: 83 Resp: 123011
Ion Ratio Lower Upper
83 100
55 74.3 63.0 94.4
98 49.9 37.4 56.2

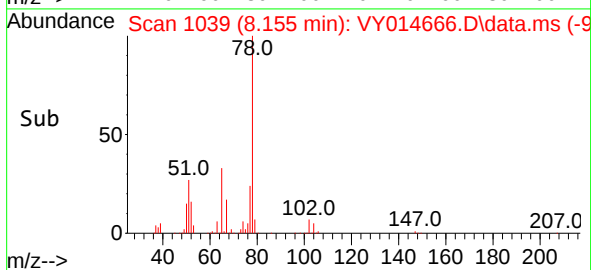
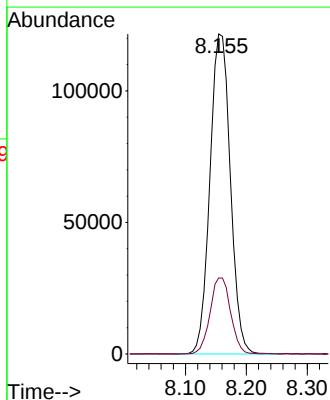
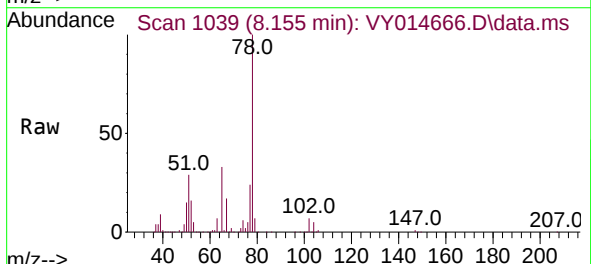
Manual Integrations
APPROVED

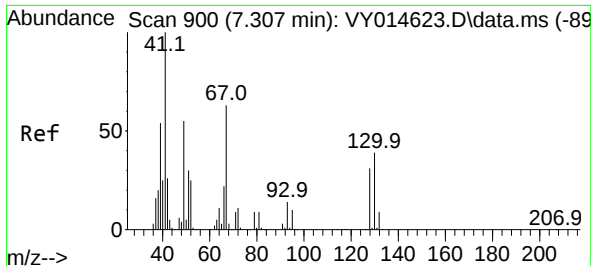
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#40
Benzene
Concen: 21.652 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

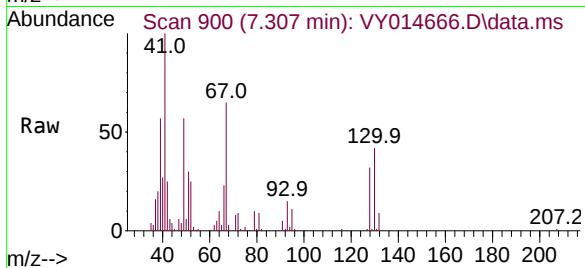
Tgt Ion: 78 Resp: 282776
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6





#41
Methacrylonitrile
Concen: 21.345 ug/l m
RT: 7.307 min Scan# 900
Delta R.T. 0.000 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

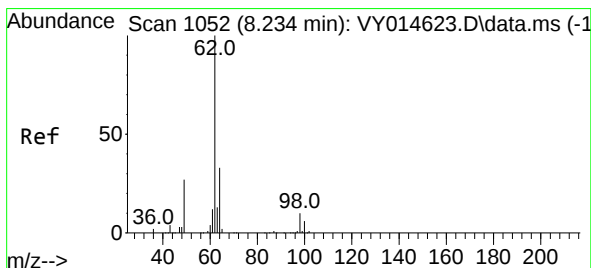
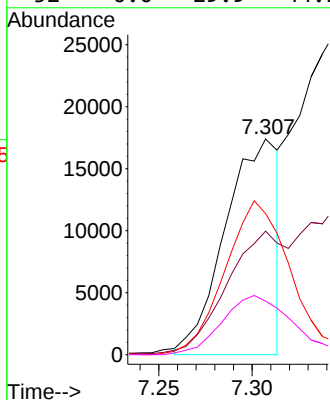
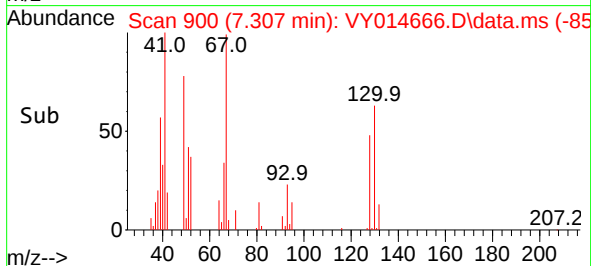
Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBSD01



Tgt Ion: 41 Resp: 34710
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

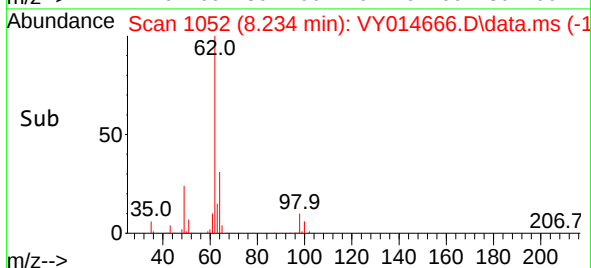
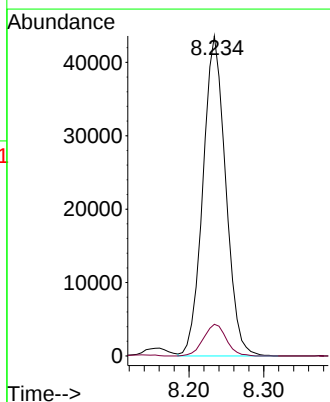
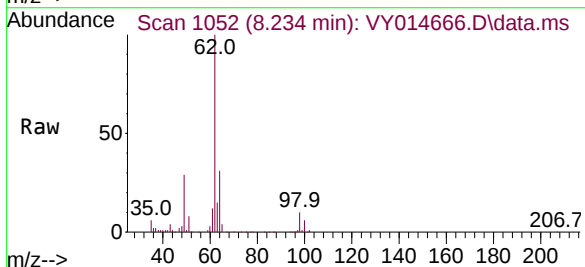
Manual Integrations
APPROVED

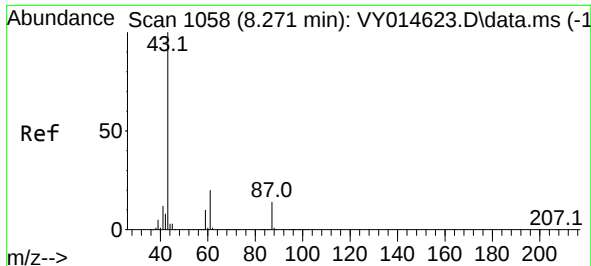
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#42
1,2-Dichloroethane
Concen: 22.262 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

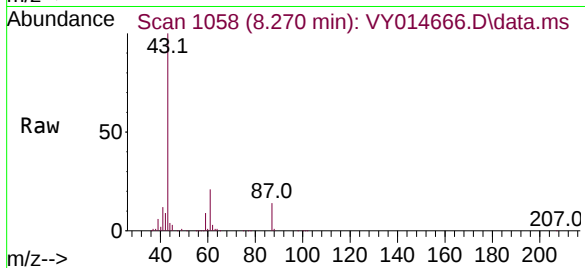
Tgt Ion: 62 Resp: 92067
Ion Ratio Lower Upper
62 100
98 10.0 0.0 15.8





#43
Isopropyl Acetate
Concen: 22.992 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.001 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

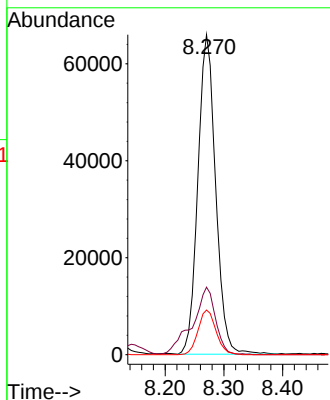
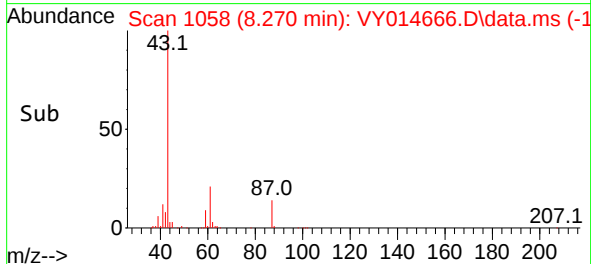
Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBSD01



Tgt Ion: 43 Resp: 138470
Ion Ratio Lower Upper
43 100
61 27.2 21.1 31.7
87 14.1 9.8 14.8

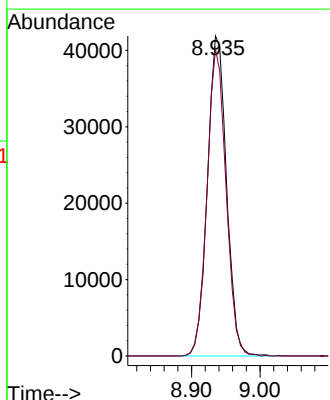
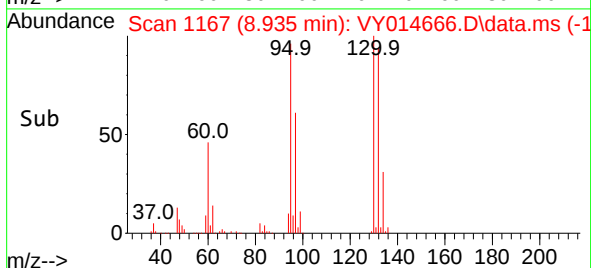
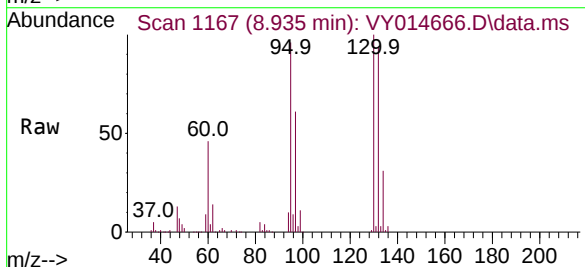
Manual Integrations
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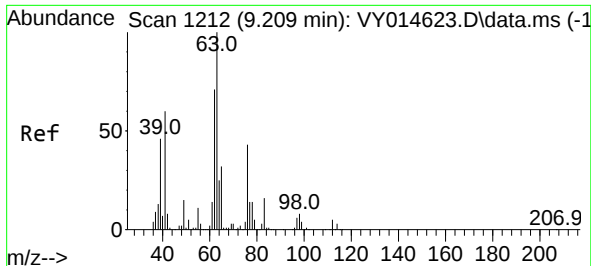
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#44
Trichloroethene
Concen: 22.224 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

Tgt Ion:130 Resp: 81206
Ion Ratio Lower Upper
130 100
95 95.9 0.0 196.0





#45

1,2-Dichloropropane

Concen: 21.503 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VY014666.D

Acq: 17 Jul 2023 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0717SBSD01

Tgt Ion: 63 Resp: 7333

Ion Ratio Lower Upper

63 100

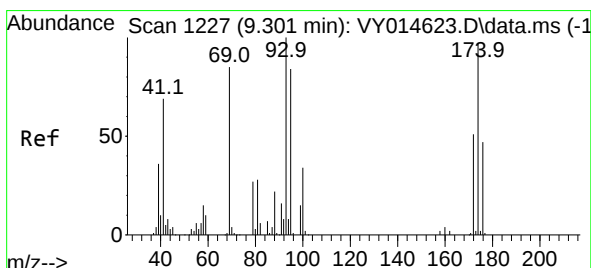
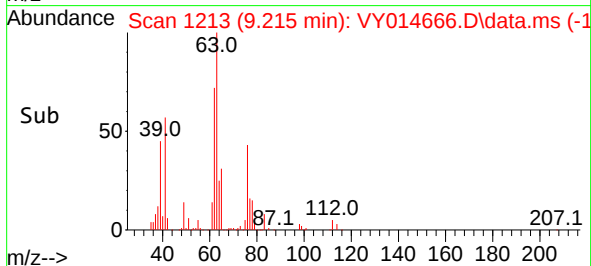
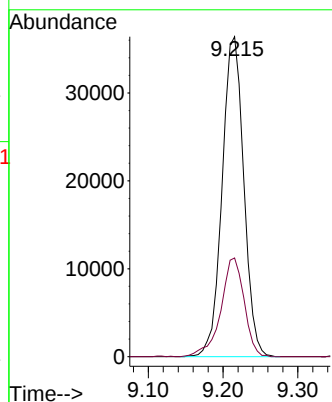
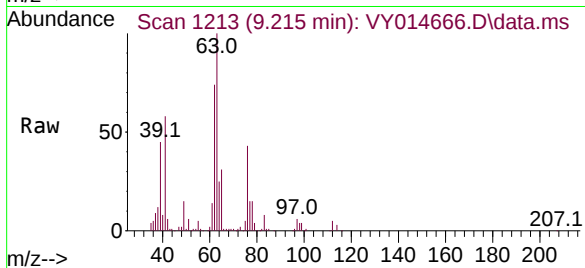
65 30.8 23.8 35.6

Manual Integrations

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Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#46

Dibromomethane

Concen: 22.240 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY014666.D

Acq: 17 Jul 2023 12:46

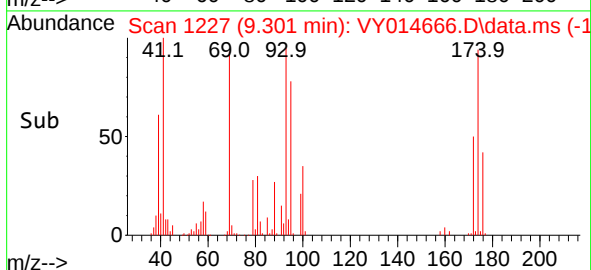
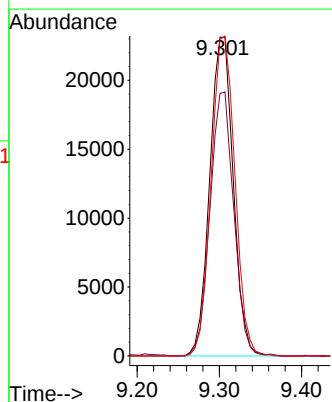
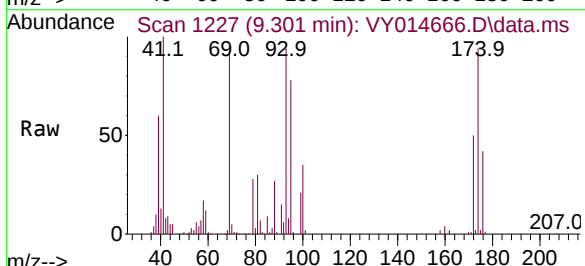
Tgt Ion: 93 Resp: 46011

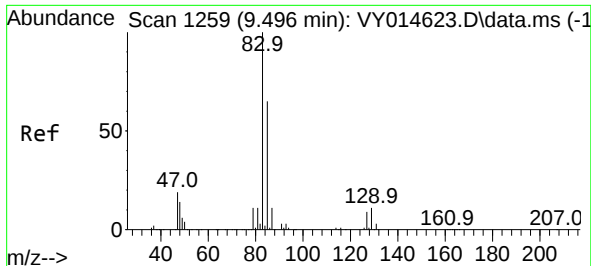
Ion Ratio Lower Upper

93 100

95 83.6 66.6 100.0

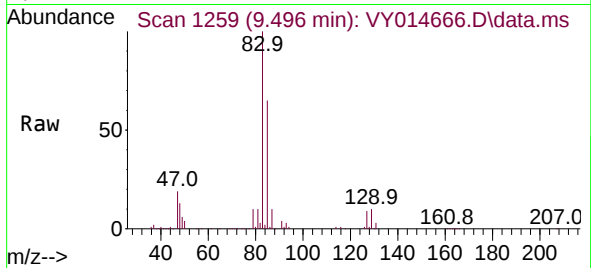
174 101.2 84.8 127.2





#47
Bromodichloromethane
Concen: 21.849 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

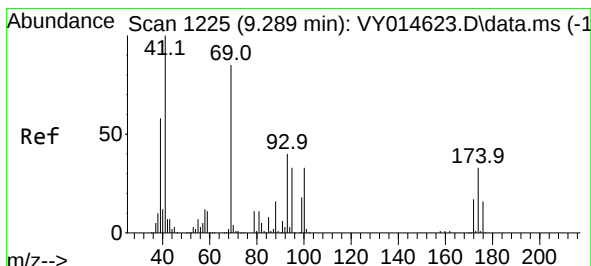
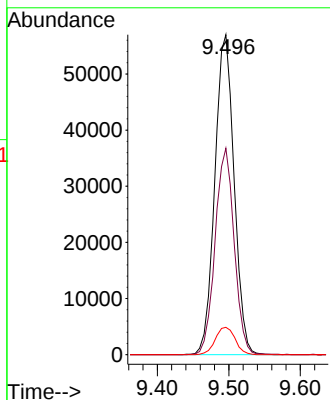
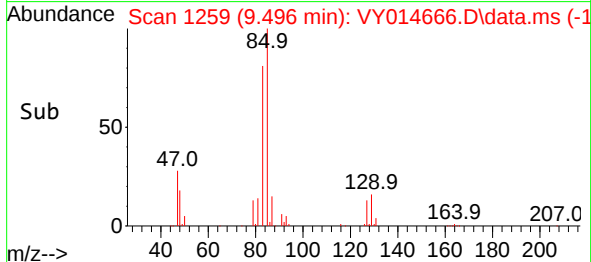
Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBSD01



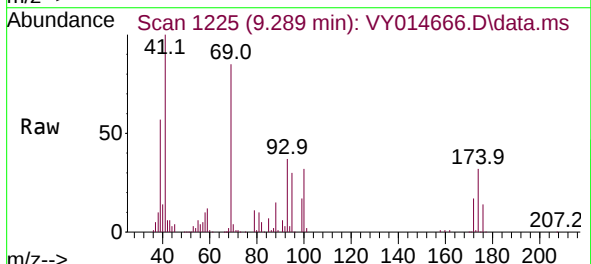
Tgt Ion: 83 Resp: 106530
Ion Ratio Lower Upper
83 100
85 64.5 50.1 75.1
127 8.5 7.1 10.7

Manual Integrations
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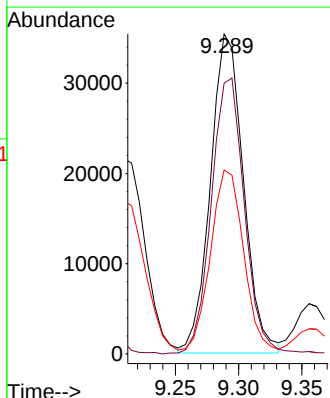
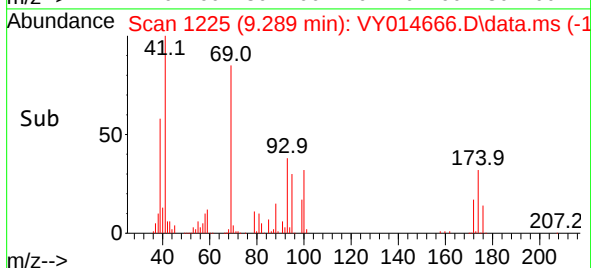
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

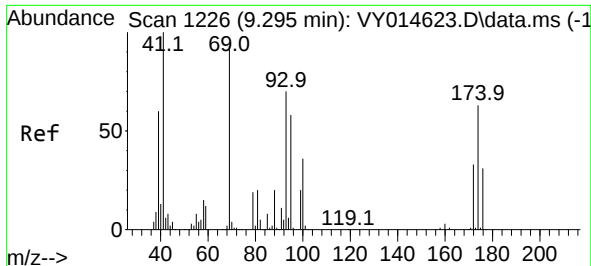


#48
Methyl methacrylate
Concen: 23.645 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46



Tgt Ion: 41 Resp: 64076
Ion Ratio Lower Upper
41 100
69 87.5 64.5 96.7
39 58.4 50.8 76.2





#49

1,4-Dioxane

Concen: 510.794 ug/l

RT: 9.301 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY014666.D

Acq: 17 Jul 2023 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0717SBSD01

Tgt Ion: 88 Resp: 1723

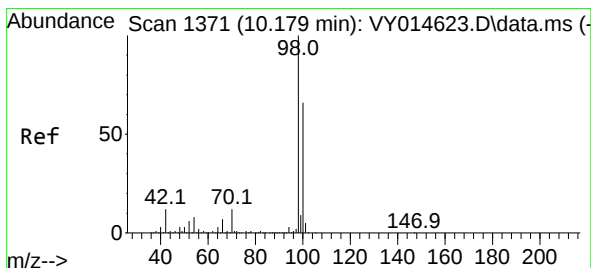
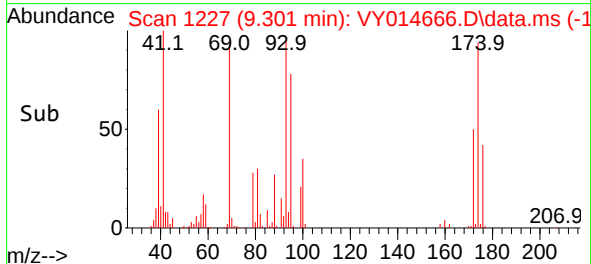
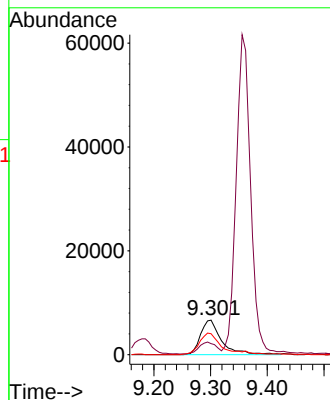
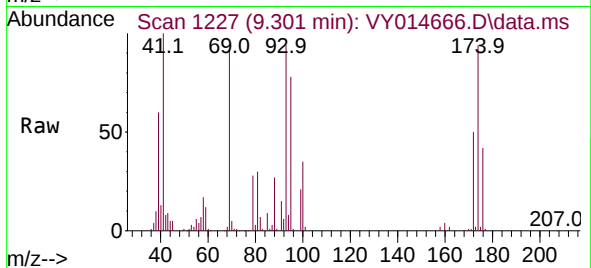
Ion	Ratio	Lower	Upper
88	100		
43	28.4	0.0	0.0
58	66.9	30.9	46.3

Manual Integrations

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Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#50

Toluene-d8

Concen: 51.888 ug/l

RT: 10.179 min Scan# 1371

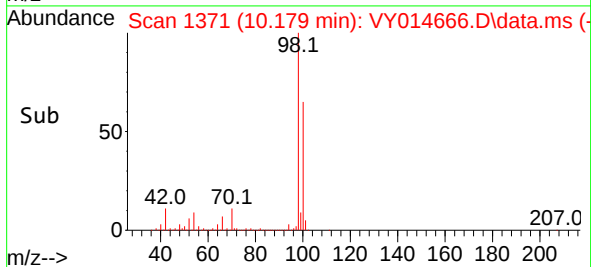
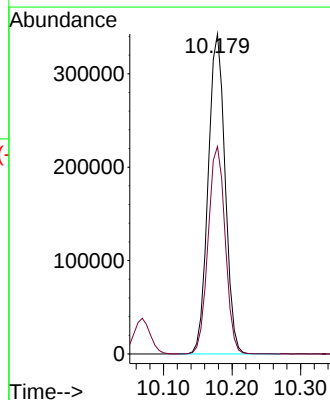
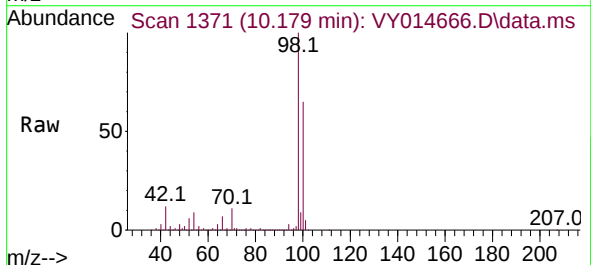
Delta R.T. -0.000 min

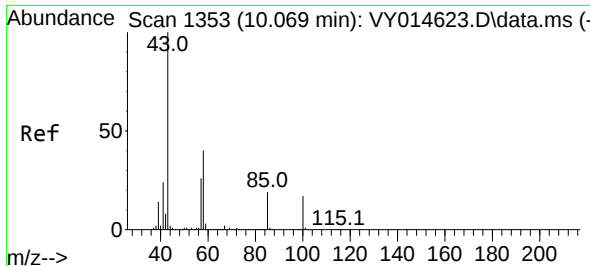
Lab File: VY014666.D

Acq: 17 Jul 2023 12:46

Tgt Ion: 98 Resp: 587406

Ion	Ratio	Lower	Upper
98	100		
100	65.6	50.1	75.1





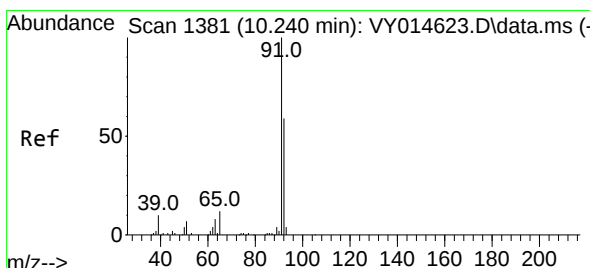
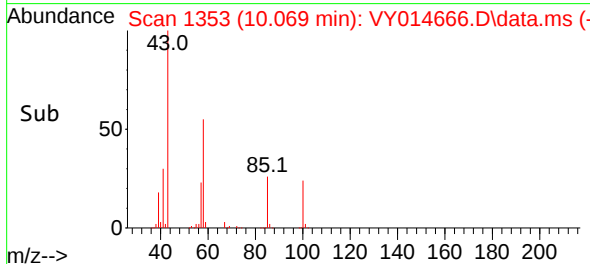
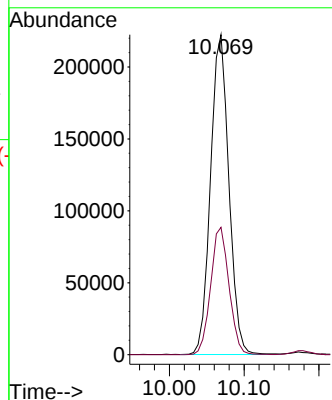
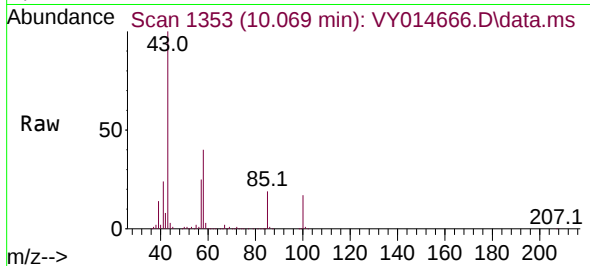
#51
4-Methyl-2-Pentanone
Concen: 120.239 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBSD01

Tgt Ion: 43 Resp: 380204
Ion Ratio Lower Upper
43 100
58 39.8 29.0 43.6

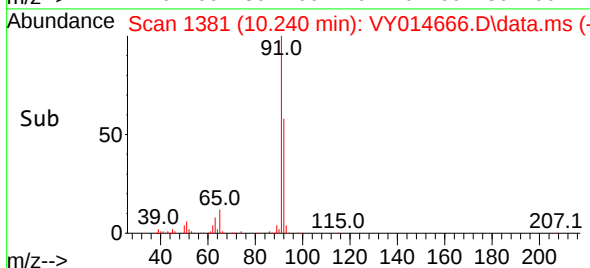
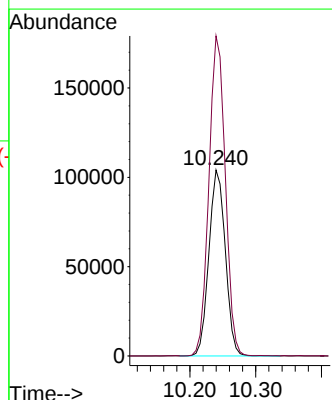
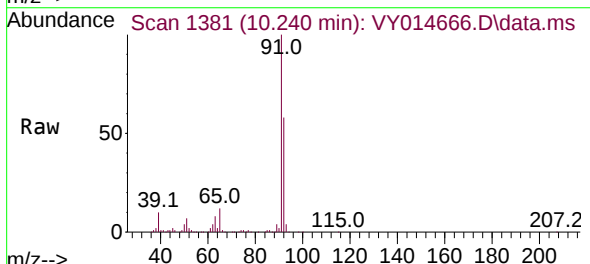
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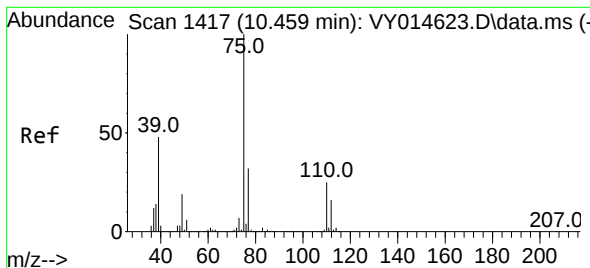
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#52
Toluene
Concen: 21.652 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

Tgt Ion: 92 Resp: 180942
Ion Ratio Lower Upper
92 100
91 171.8 143.8 215.6





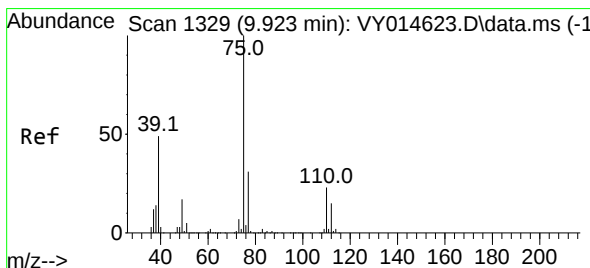
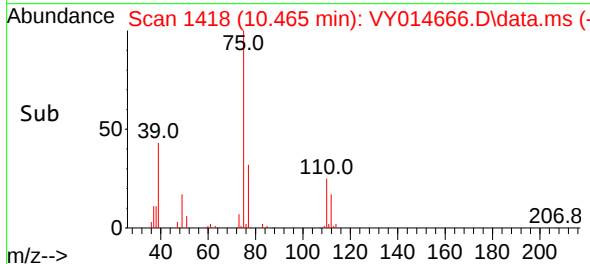
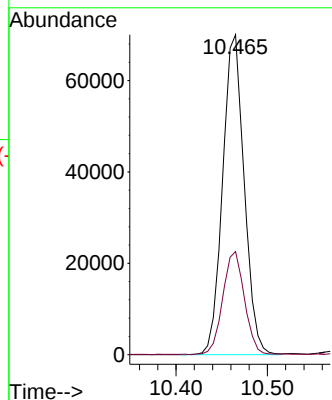
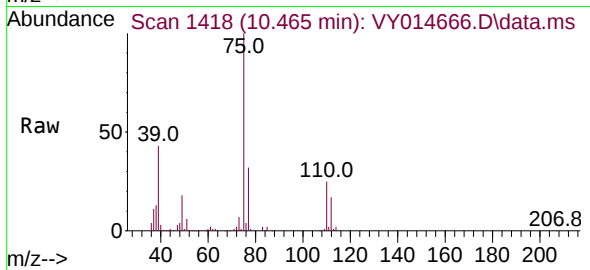
#53
t-1,3-Dichloropropene
Concen: 21.526 ug/l
RT: 10.465 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBSD01

Tgt Ion: 75 Resp: 114807
Ion Ratio Lower Upper
75 100
77 32.1 25.0 37.4

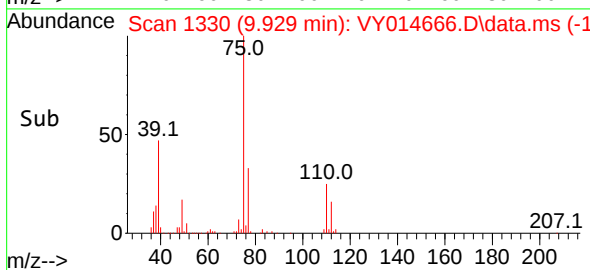
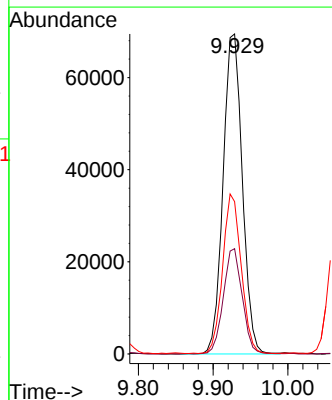
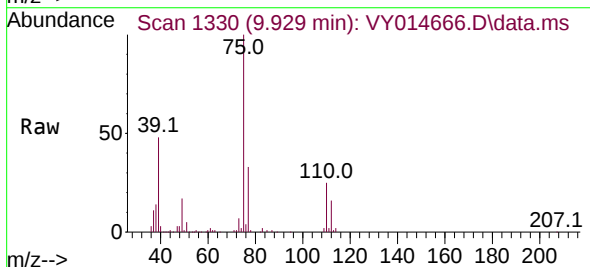
Manual Integrations
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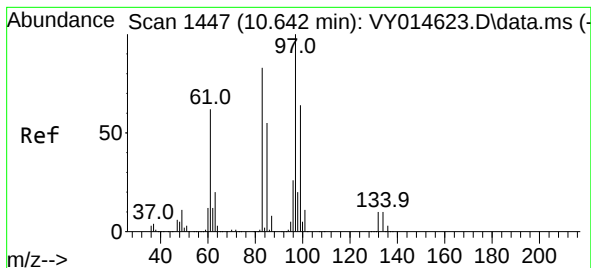
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#54
cis-1,3-Dichloropropene
Concen: 21.484 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

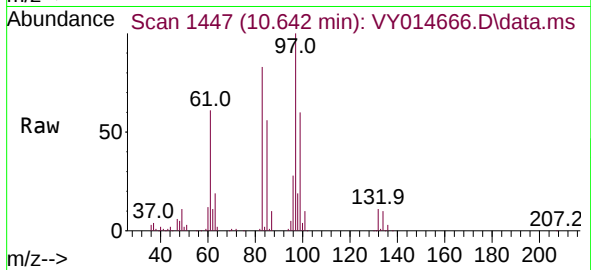
Tgt Ion: 75 Resp: 124607
Ion Ratio Lower Upper
75 100
77 32.9 24.2 36.4
39 47.4 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 22.567 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

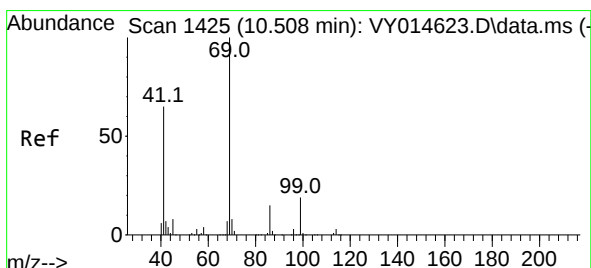
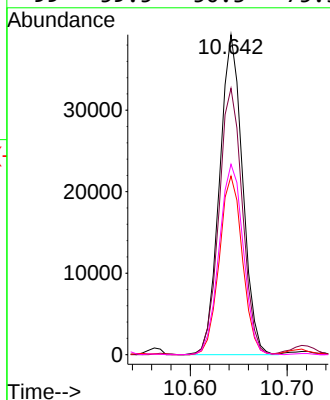
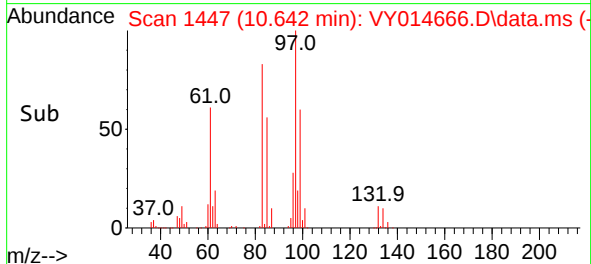
Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBS01



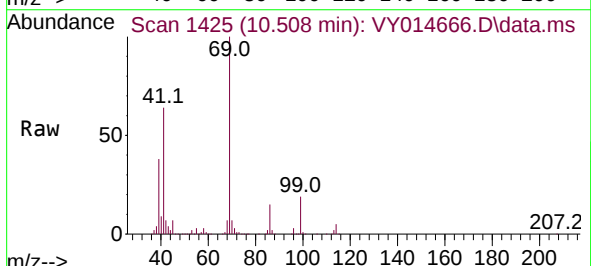
Tgt Ion: 97 Resp: 65032
Ion Ratio Lower Upper
97 100
83 83.2 72.0 108.0
85 55.8 45.4 68.0
99 59.5 50.3 75.5

Manual Integrations
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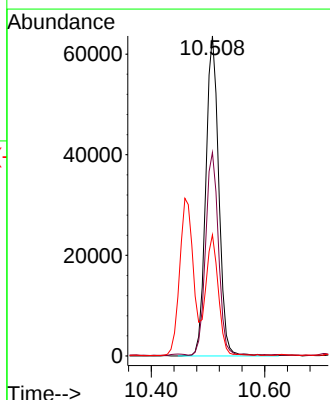
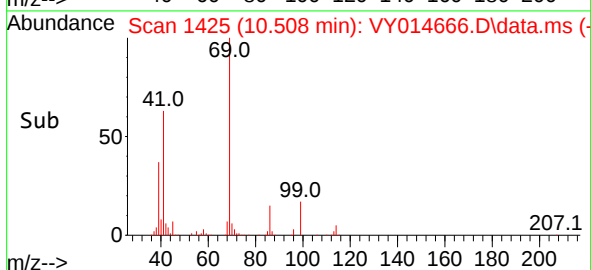
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

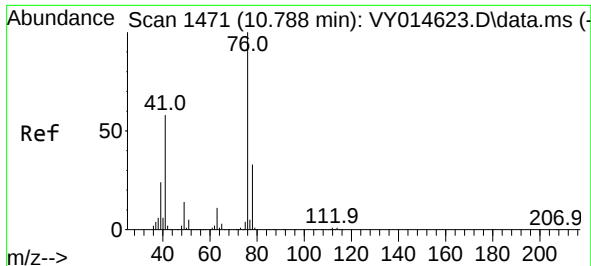


#56
Ethyl methacrylate
Concen: 22.941 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46



Tgt Ion: 69 Resp: 100941
Ion Ratio Lower Upper
69 100
41 62.7 57.6 86.4
39 36.6 34.1 51.1





#57

1,3-Dichloropropane

Concen: 22.306 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014666.D

Acq: 17 Jul 2023 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0717SBSD01

Tgt Ion: 76 Resp: 110870

Ion Ratio Lower Upper

76 100

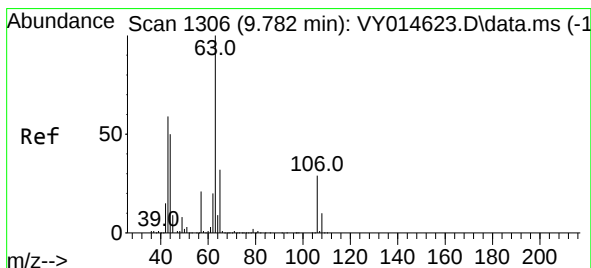
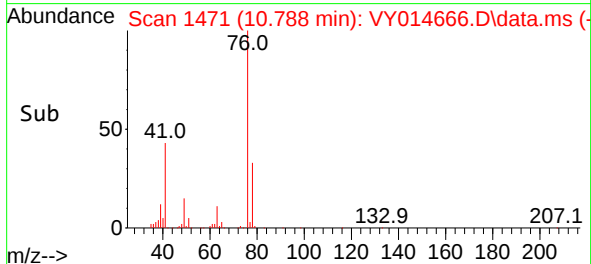
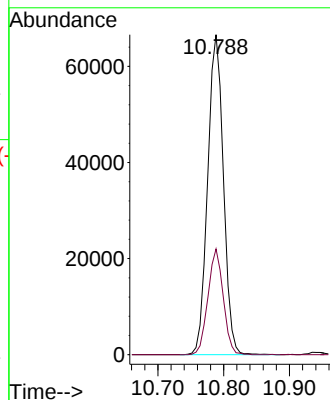
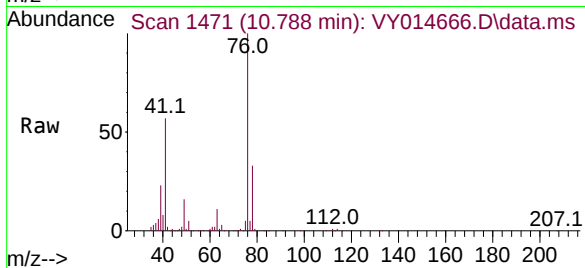
78 32.0 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#58

2-Chloroethyl Vinyl ether

Concen: 116.301 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY014666.D

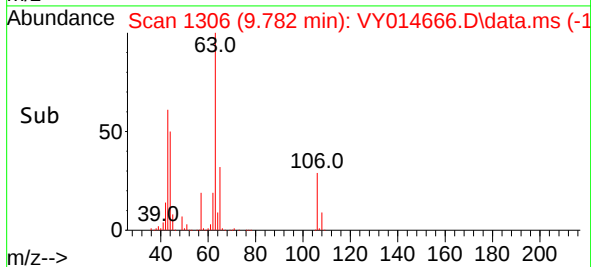
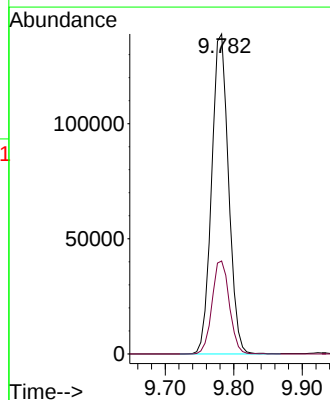
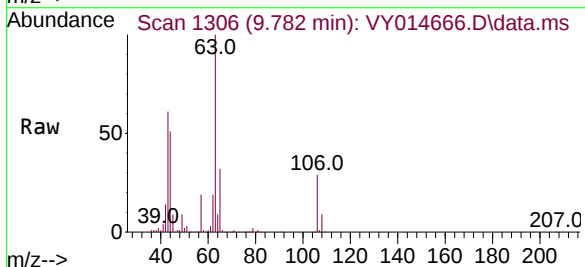
Acq: 17 Jul 2023 12:46

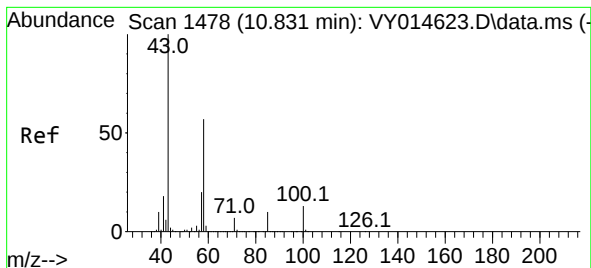
Tgt Ion: 63 Resp: 238435

Ion Ratio Lower Upper

63 100

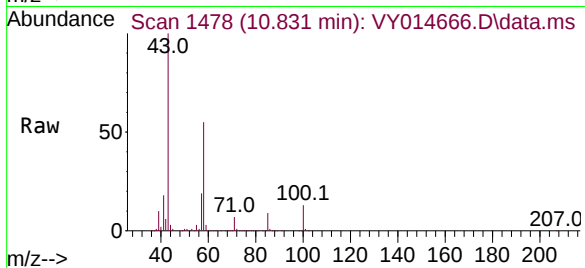
106 29.6 21.2 31.8





#59
2-Hexanone
Concen: 121.851 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

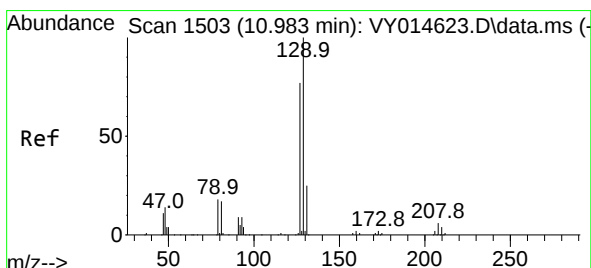
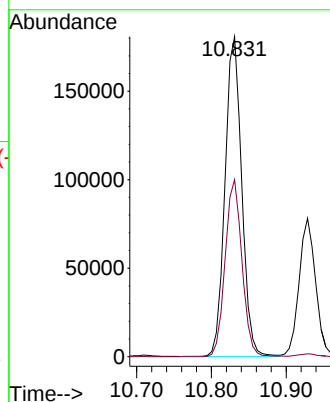
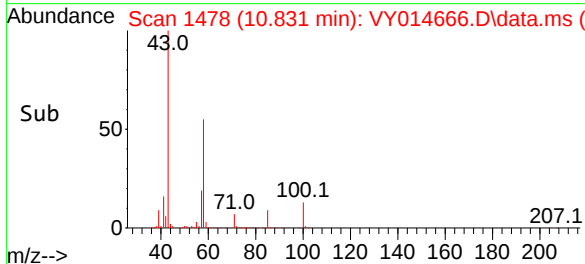
Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBSD01



Tgt Ion: 43 Resp: 280983
Ion Ratio Lower Upper
43 100
58 55.8 25.1 75.3

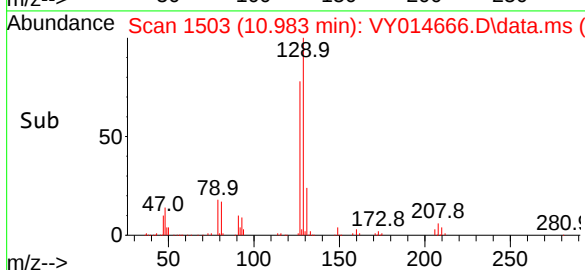
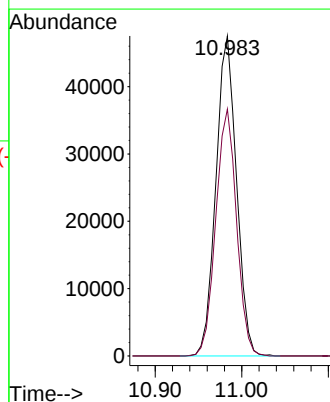
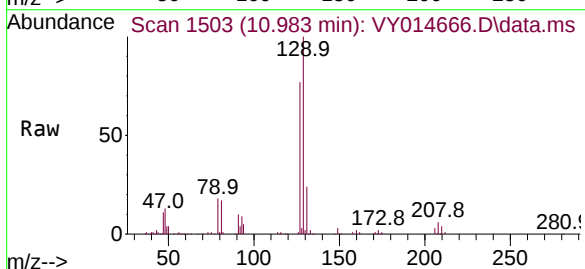
Manual Integrations
APPROVED

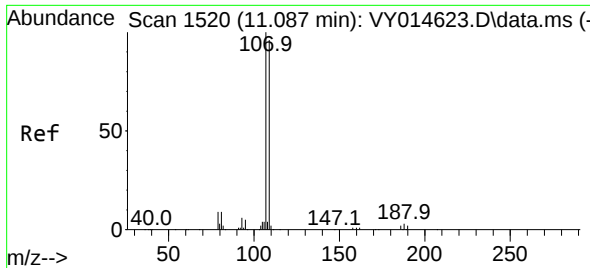
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#60
Dibromochloromethane
Concen: 22.207 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

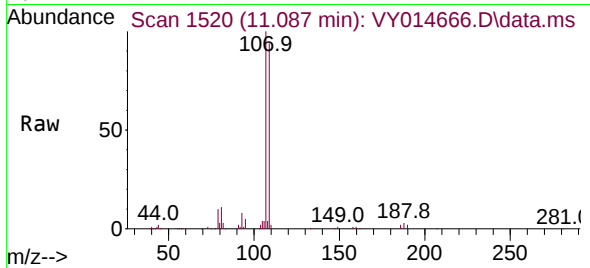
Tgt Ion:129 Resp: 78465
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.5





#61
1,2-Dibromoethane
Concen: 22.905 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

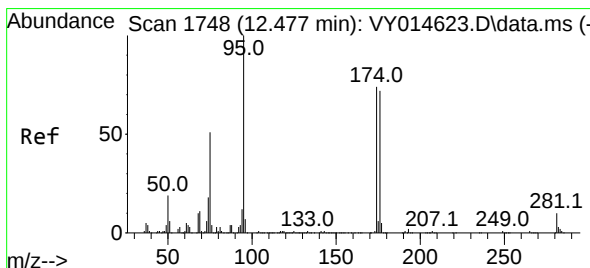
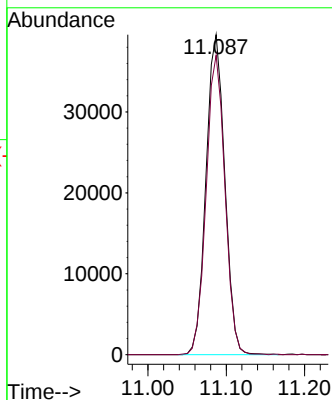
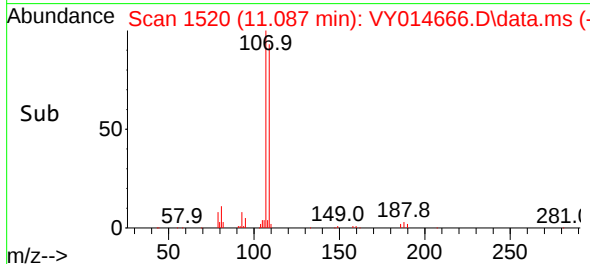
Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBSD01



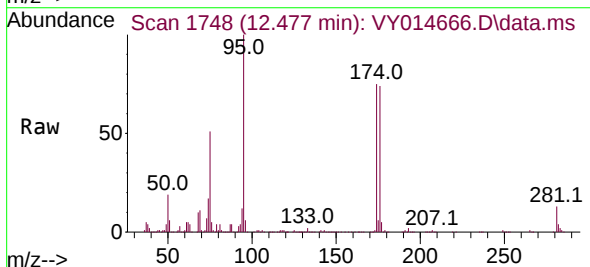
Tgt Ion:107 Resp: 65848
Ion Ratio Lower Upper
107 100
109 93.5 75.6 113.4

Manual Integrations
APPROVED

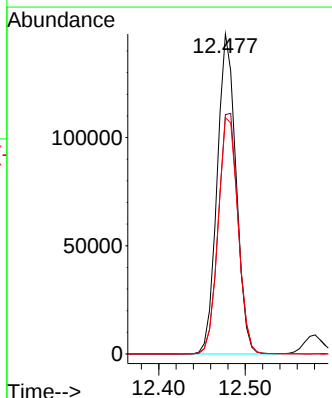
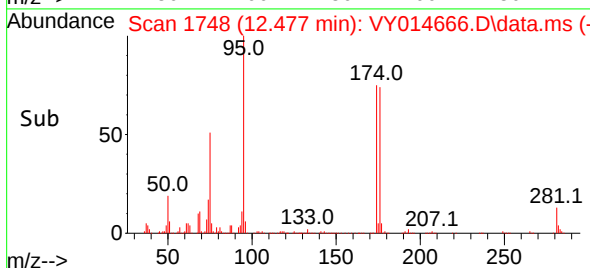
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

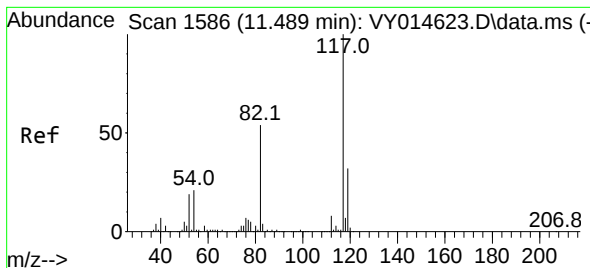


#62
4-Bromofluorobenzene
Concen: 51.708 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46



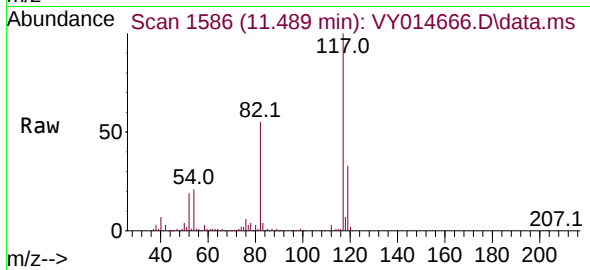
Tgt Ion: 95 Resp: 224454
Ion Ratio Lower Upper
95 100
174 78.5 0.0 178.2
176 77.3 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

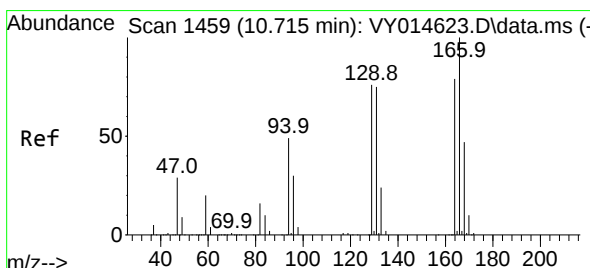
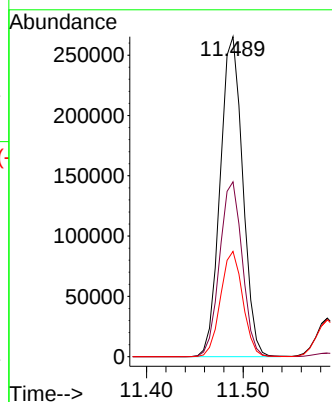
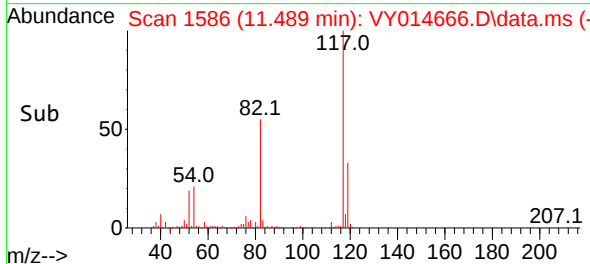
Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBSD01



Tgt Ion:117 Resp: 42870
Ion Ratio Lower Upper
117 100
82 54.7 43.4 65.0
119 32.9 26.3 39.5

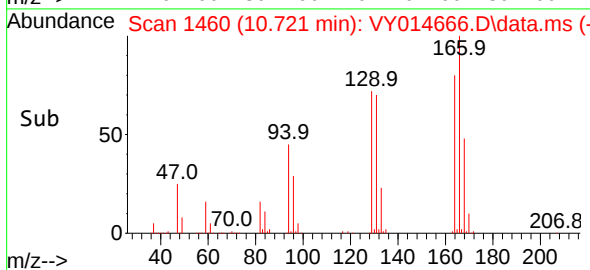
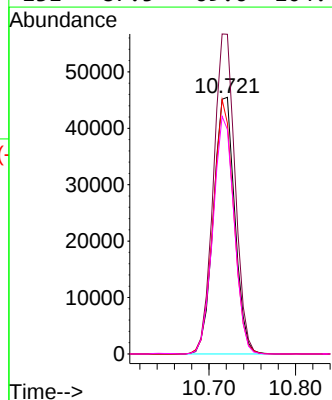
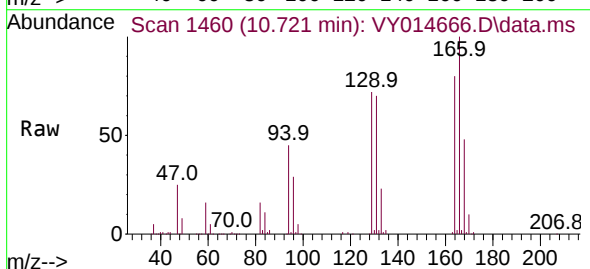
Manual Integrations
APPROVED

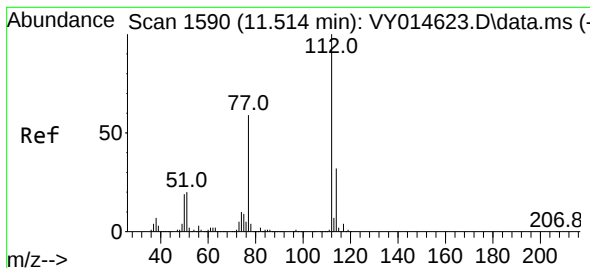
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#64
Tetrachloroethene
Concen: 22.537 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

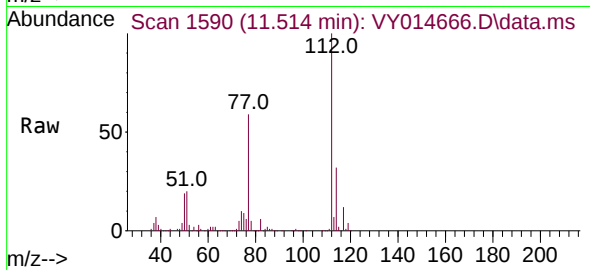
Tgt Ion:164 Resp: 77706
Ion Ratio Lower Upper
164 100
166 124.6 103.0 154.6
129 90.0 77.2 115.8
131 87.5 69.6 104.4





#65
Chlorobenzene
Concen: 21.597 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

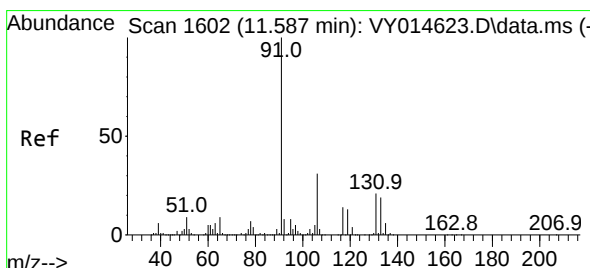
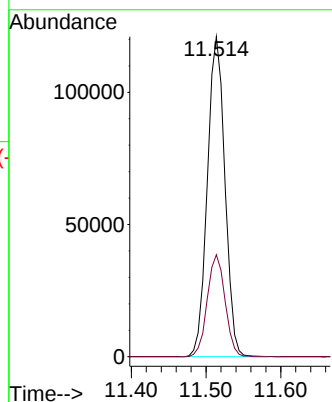
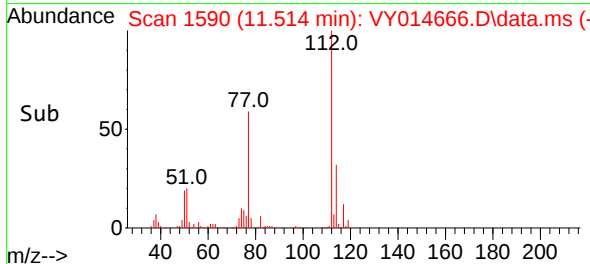
Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBSD01



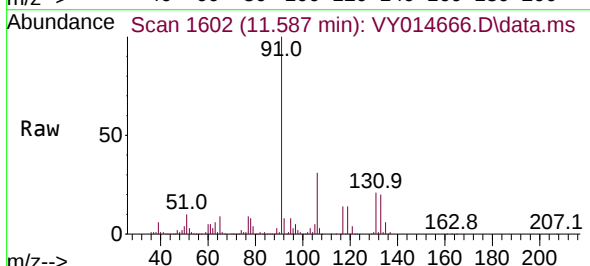
Tgt Ion:112 Resp: 197302
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3

Manual Integrations
APPROVED

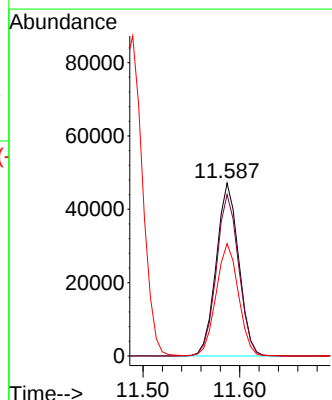
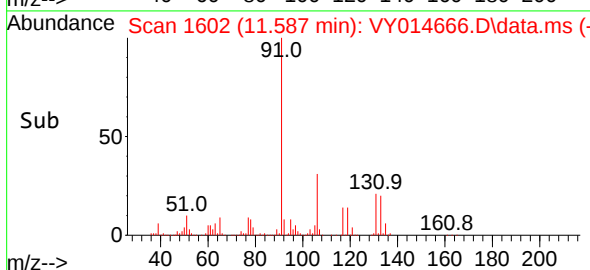
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

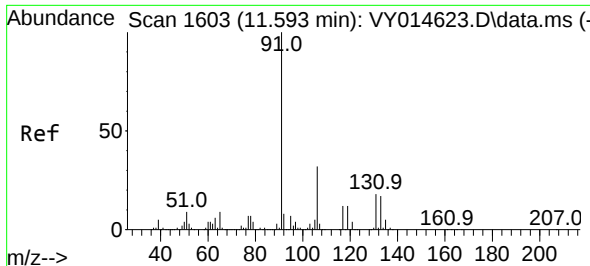


#66
1,1,1,2-Tetrachloroethane
Concen: 21.999 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46



Tgt Ion:131 Resp: 75775
Ion Ratio Lower Upper
131 100
133 93.5 47.5 142.6
119 64.8 31.6 94.7





#67

Ethyl Benzene

Concen: 21.541 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY014666.D

Acq: 17 Jul 2023 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0717SBS01

Tgt Ion: 91 Resp: 35529

Ion Ratio Lower Upper

91 100

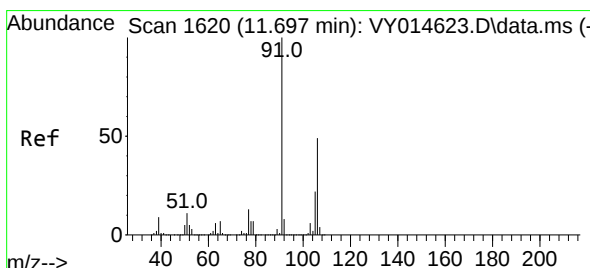
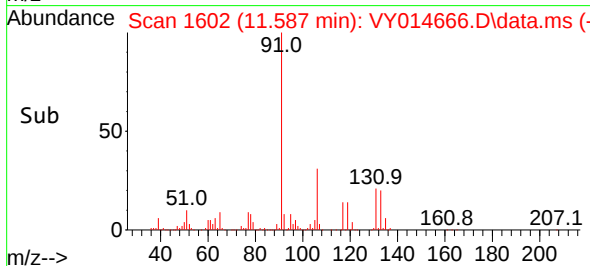
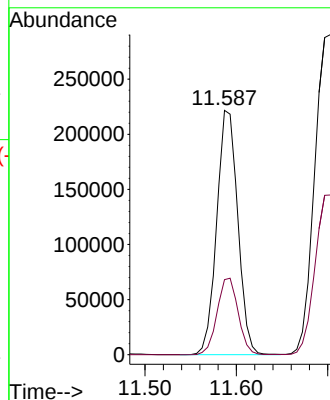
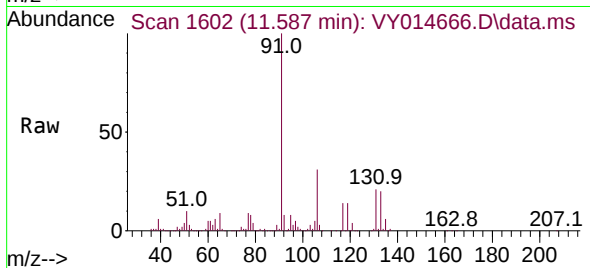
106 30.7 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#68

m/p-Xylenes

Concen: 43.209 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY014666.D

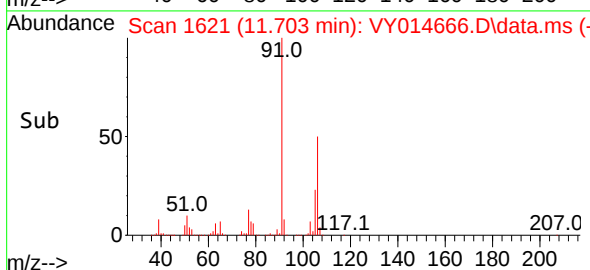
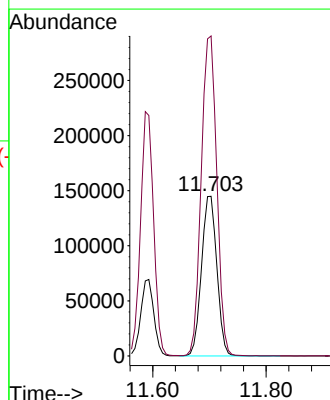
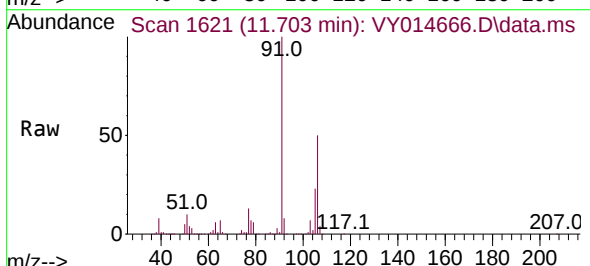
Acq: 17 Jul 2023 12:46

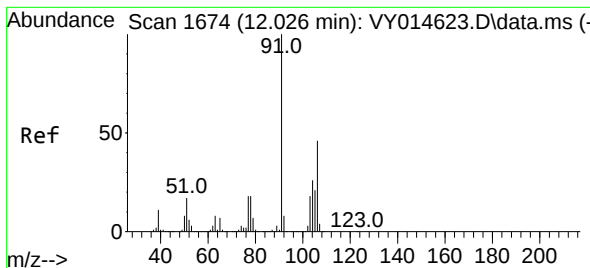
Tgt Ion:106 Resp: 272055

Ion Ratio Lower Upper

106 100

91 202.7 166.1 249.1





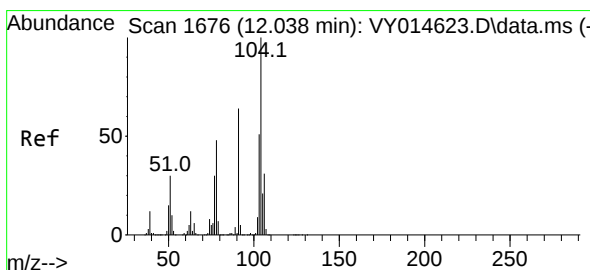
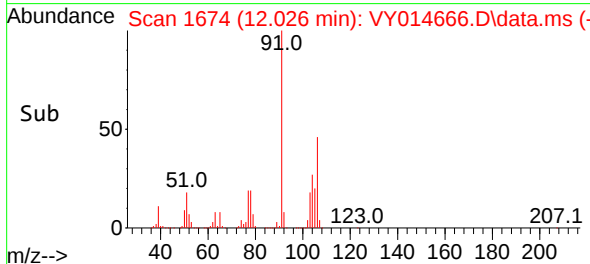
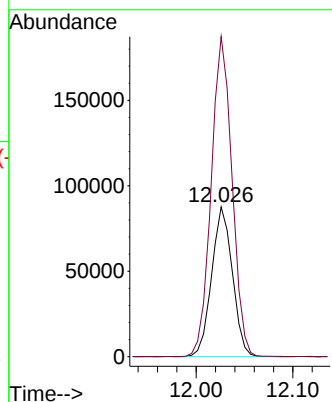
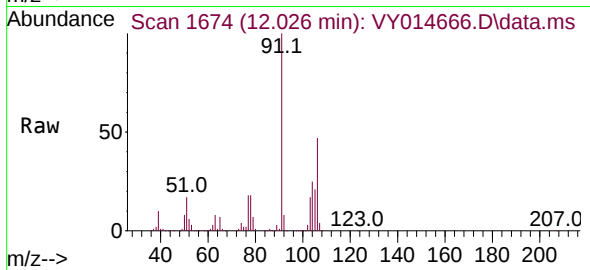
#69
o-Xylene
Concen: 21.257 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBS01

Tgt Ion:106 Resp: 13036
Ion Ratio Lower Upper
106 100
91 215.7 108.1 324.3

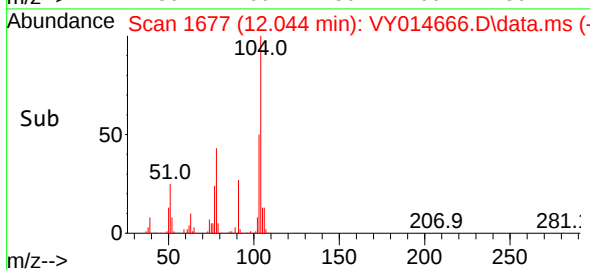
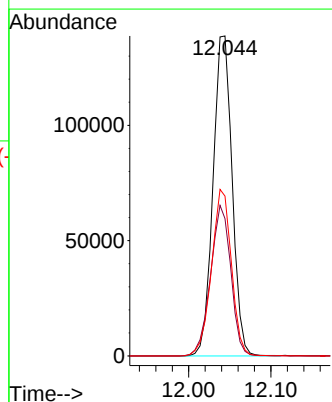
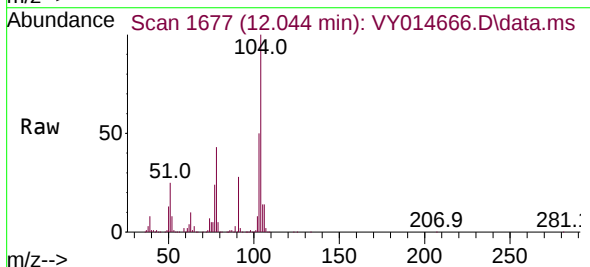
Manual Integrations
APPROVED

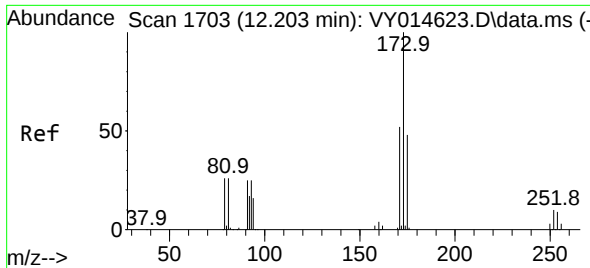
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#70
Styrene
Concen: 21.687 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

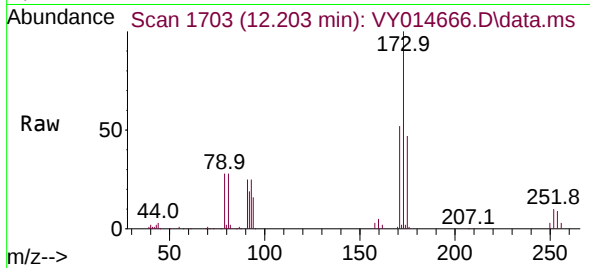
Tgt Ion:104 Resp: 224157
Ion Ratio Lower Upper
104 100
78 49.9 41.5 62.3
103 54.3 44.6 67.0





#71
Bromoform
Concen: 22.706 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

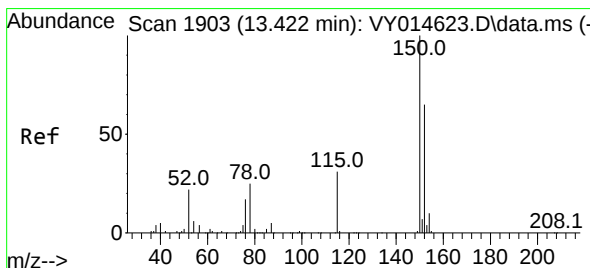
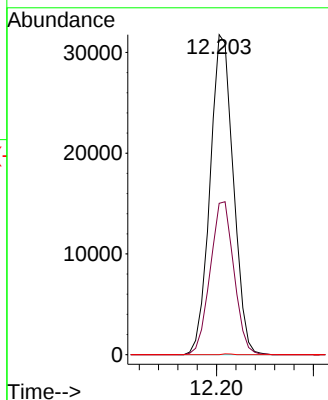
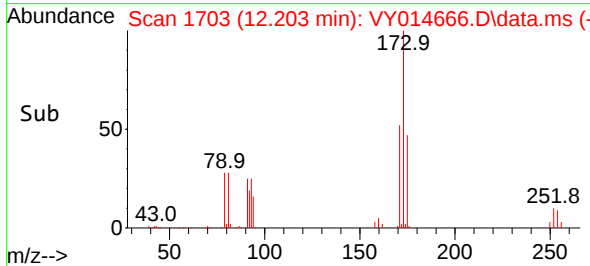
Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBSD01



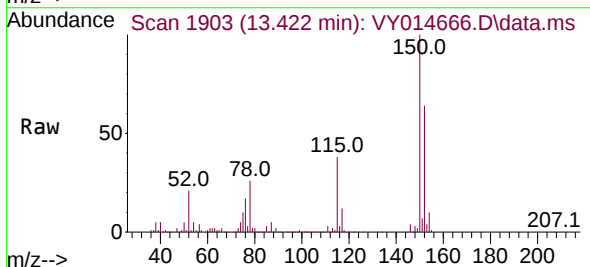
Tgt Ion:173 Resp: 53011
Ion Ratio Lower Upper
173 100
175 48.8 24.6 73.8
254 0.1 0.2 0.2

Manual Integrations
APPROVED

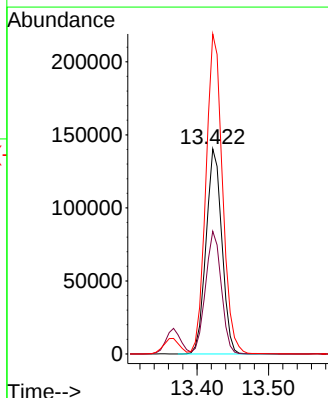
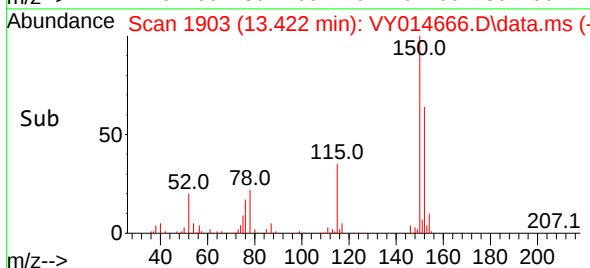
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

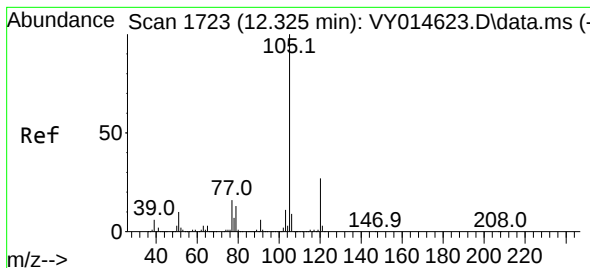


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46



Tgt Ion:152 Resp: 215368
Ion Ratio Lower Upper
152 100
115 59.5 28.8 86.5
150 163.3 0.0 348.8





#73

Isopropylbenzene

Concen: 20.628 ug/l

RT: 12.325 min Scan# 1723

Delta R.T. -0.000 min

Lab File: VY014666.D

Acq: 17 Jul 2023 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0717SBS01

Tgt Ion:105 Resp: 34785

Ion Ratio Lower Upper

105 100

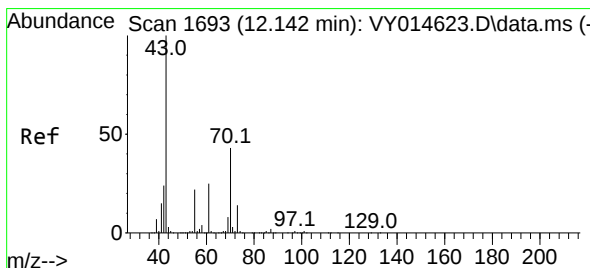
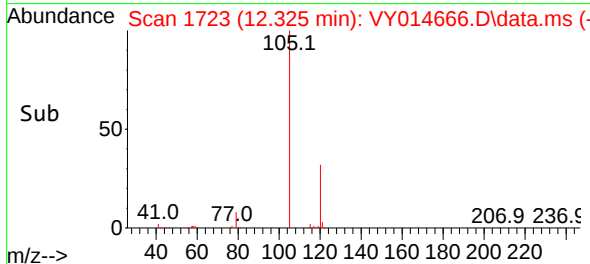
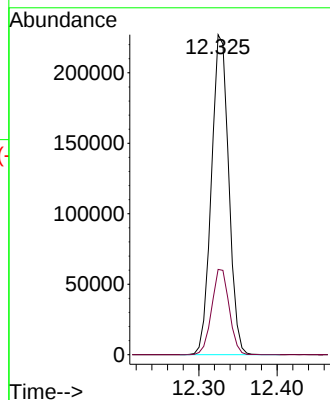
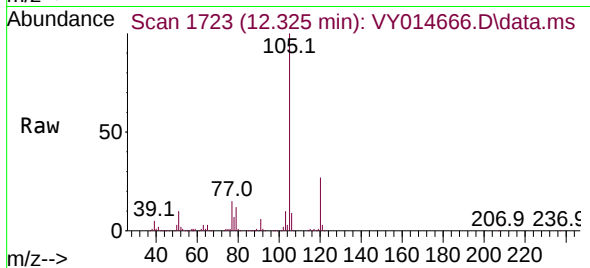
120 26.9 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#74

N-ethyl acetate

Concen: 22.015 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014666.D

Acq: 17 Jul 2023 12:46

Tgt Ion: 43 Resp: 124339

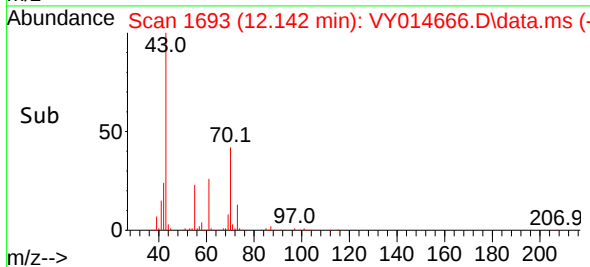
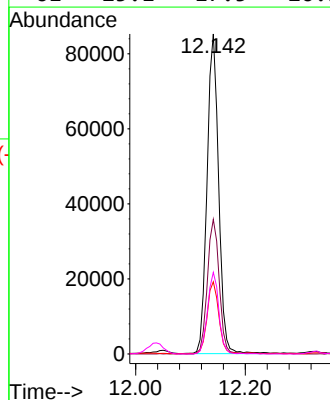
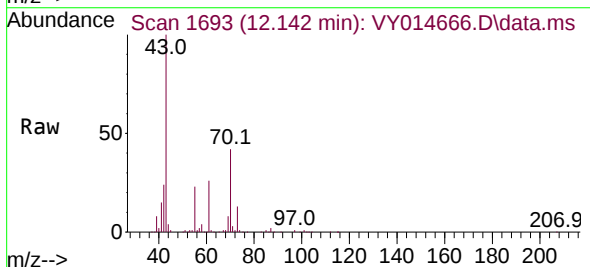
Ion Ratio Lower Upper

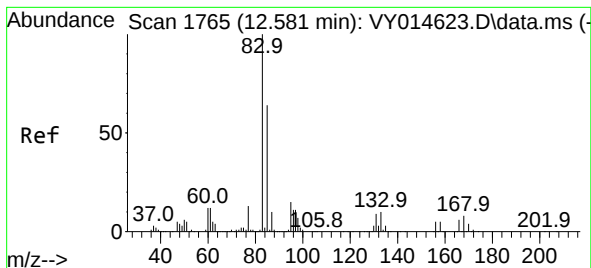
43 100

70 42.9 29.7 44.5

55 22.9 18.3 27.5

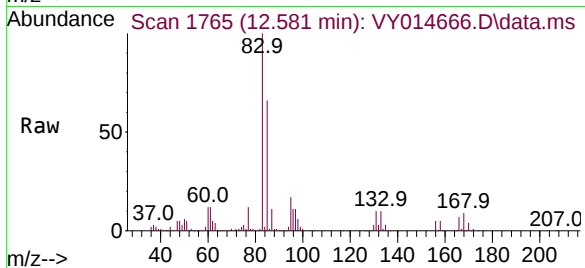
61 25.1 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 22.002 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

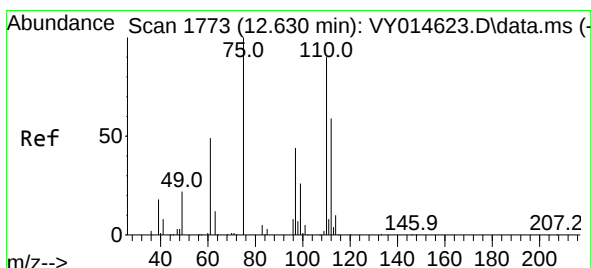
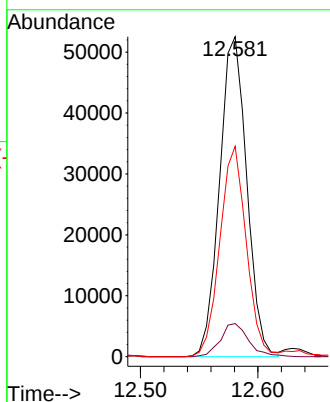
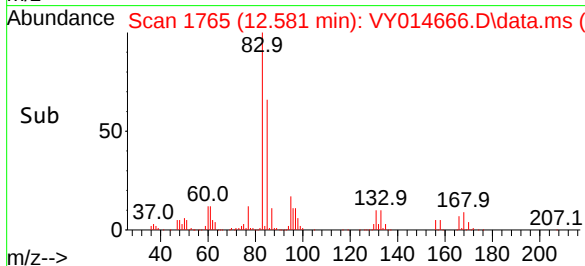
Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBS01



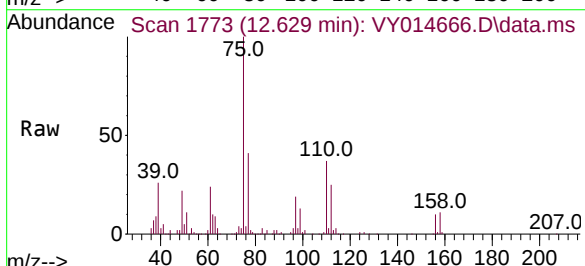
Tgt Ion: 83 Resp: 84610
Ion Ratio Lower Upper
83 100
131 10.7 5.4 16.2
85 63.8 31.8 95.4

Manual Integrations
APPROVED

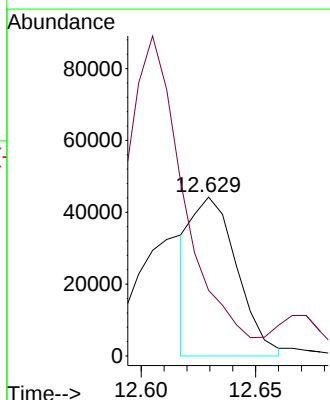
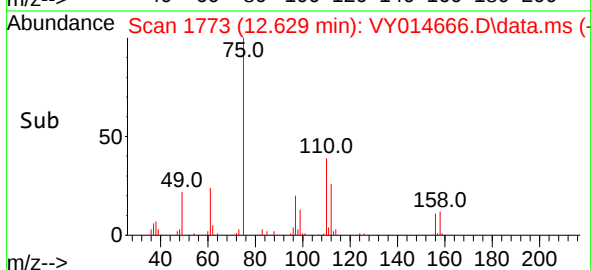
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

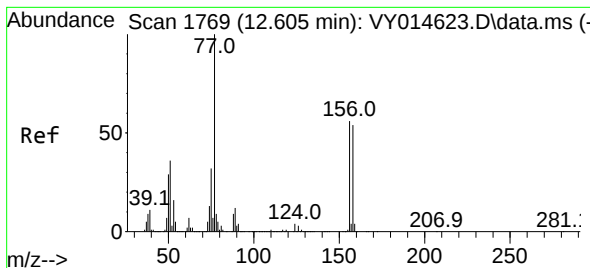


#76
1,2,3-Trichloropropane
Concen: 22.470 ug/l m
RT: 12.629 min Scan# 1773
Delta R.T. -0.001 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46



Tgt Ion: 75 Resp: 61119
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





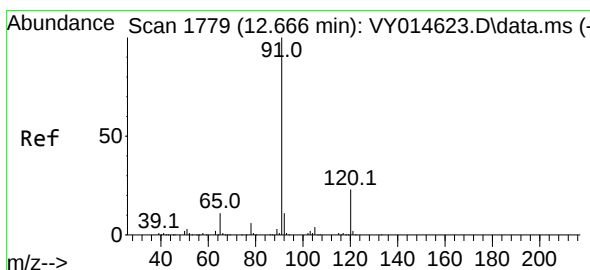
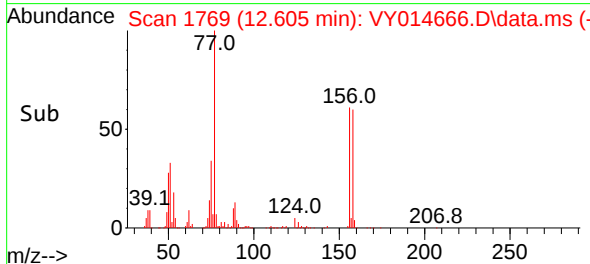
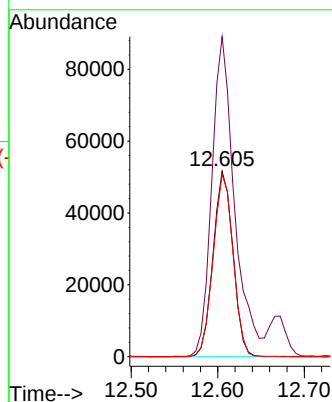
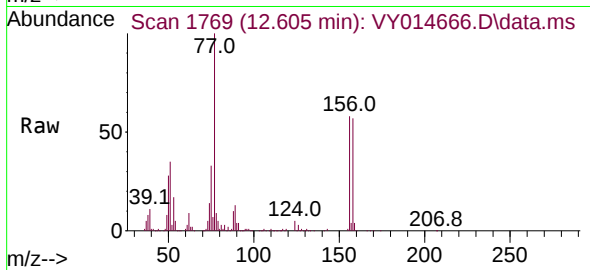
#77
Bromobenzene
Concen: 21.365 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBSD01

Tgt Ion:156 Resp: 8224
Ion Ratio Lower Upper
156 100
77 195.6 92.8 278.6
158 98.5 48.4 145.3

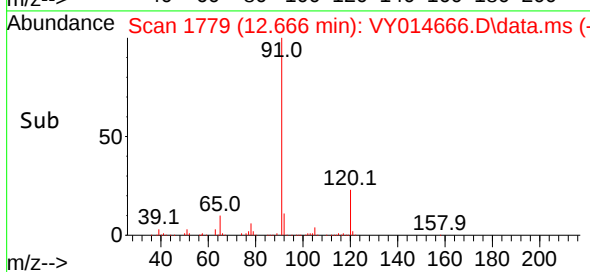
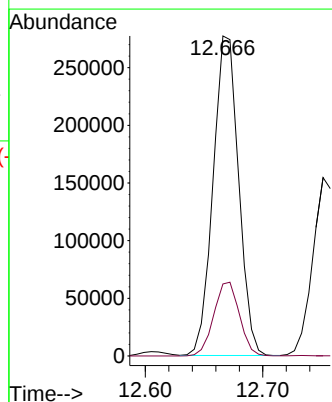
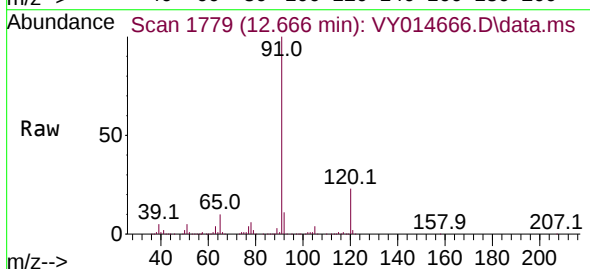
Manual Integrations
APPROVED

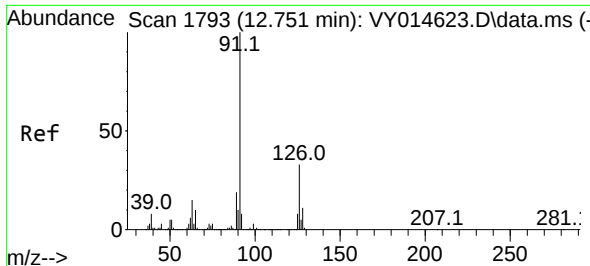
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#78
n-propylbenzene
Concen: 20.586 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

Tgt Ion: 91 Resp: 418330
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.4





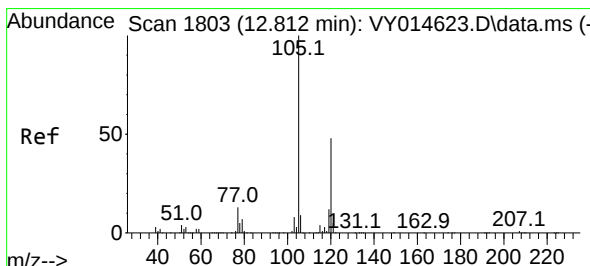
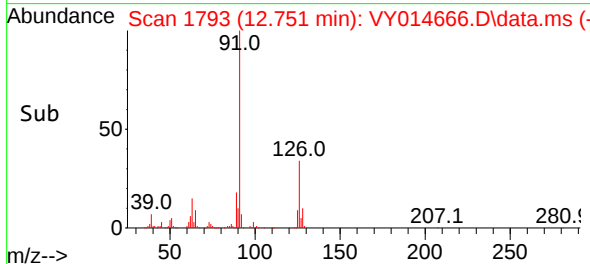
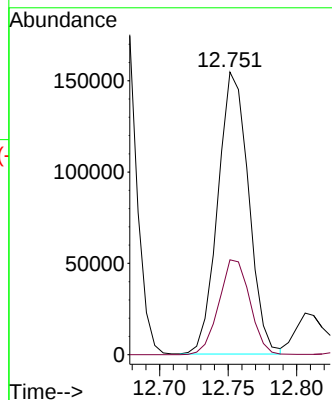
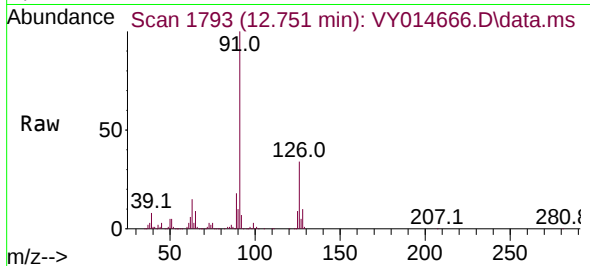
#79
2-Chlorotoluene
Concen: 20.635 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBSD01

Tgt Ion: 91 Resp: 241524
Ion Ratio Lower Upper
91 100
126 33.9 17.3 51.7

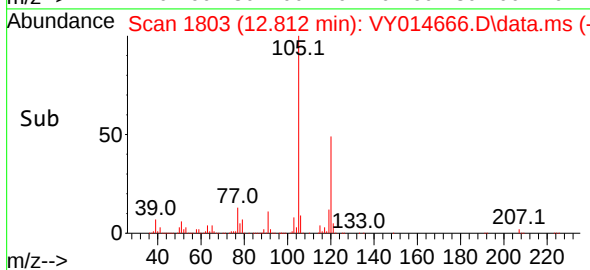
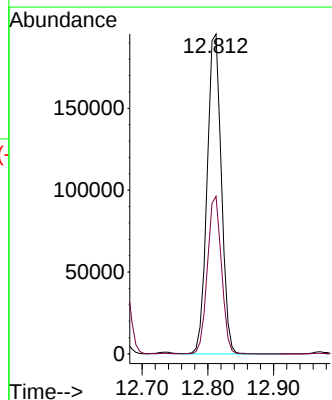
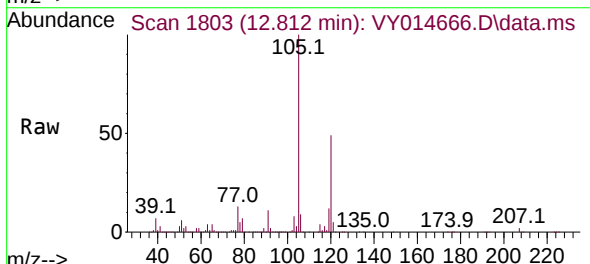
Manual Integrations
APPROVED

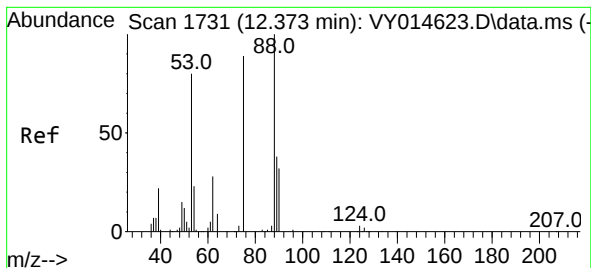
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.903 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

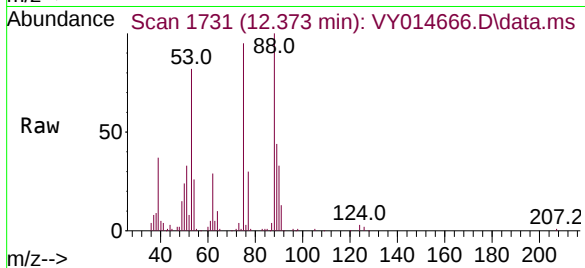
Tgt Ion:105 Resp: 294384
Ion Ratio Lower Upper
105 100
120 48.7 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 22.161 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

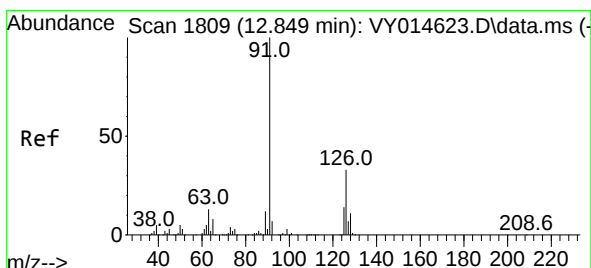
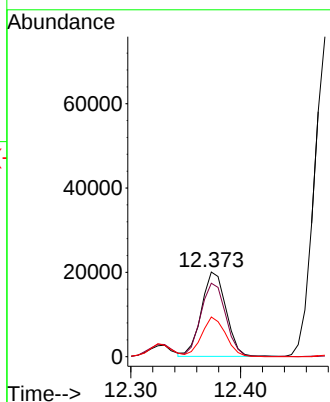
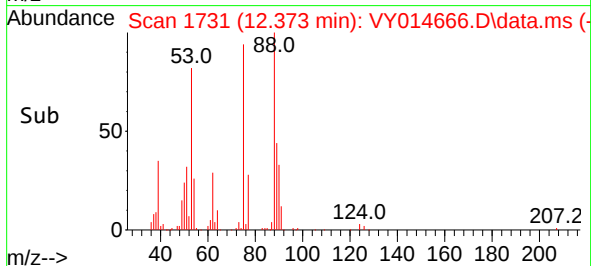
Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBSD01



Tgt Ion: 75 Resp: 3113
Ion Ratio Lower Upper
75 100
53 88.8 77.8 116.8
89 45.8 37.4 56.0

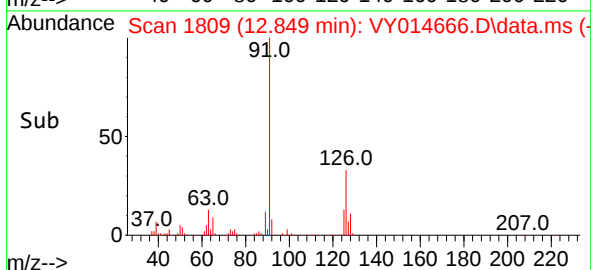
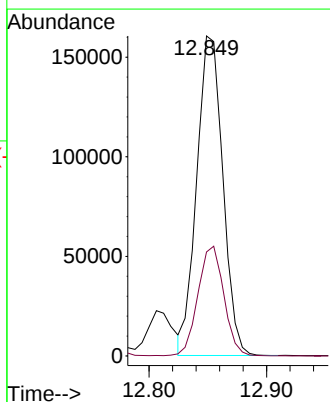
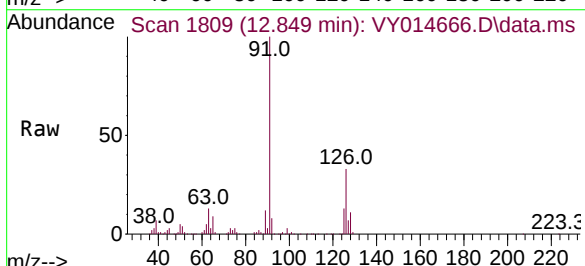
Manual Integrations
APPROVED

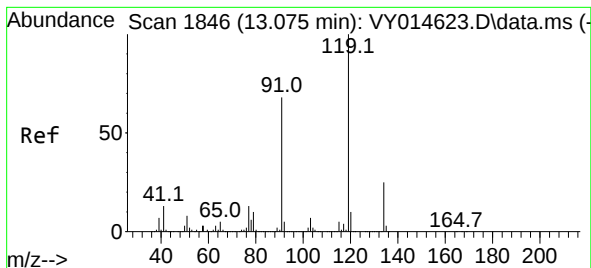
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#82
4-Chlorotoluene
Concen: 20.565 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

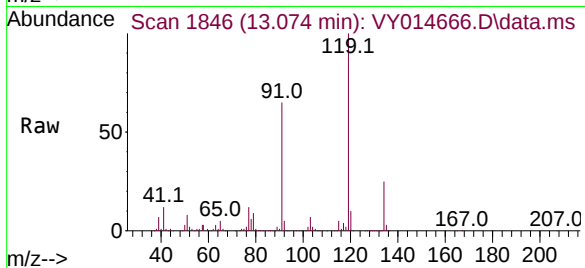
Tgt Ion: 91 Resp: 247896
Ion Ratio Lower Upper
91 100
126 34.2 17.2 51.6





#83
tert-Butylbenzene
Concen: 20.734 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.001 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

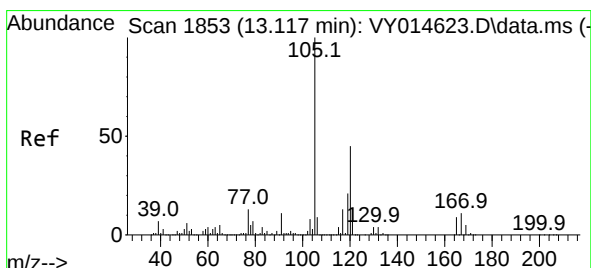
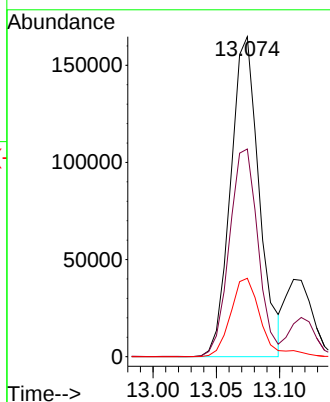
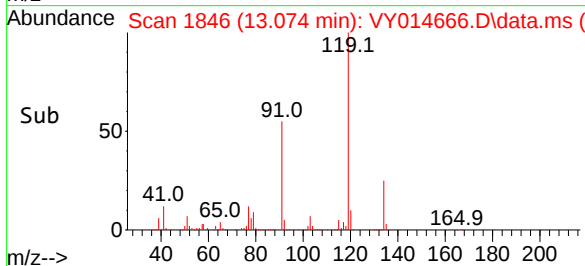
Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBSD01



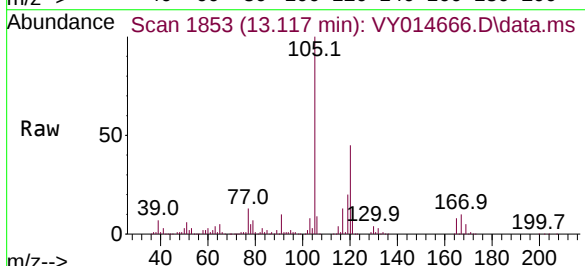
Tgt Ion:119 Resp: 25902
Ion Ratio Lower Upper
119 100
91 65.0 32.9 98.6
134 26.1 13.0 38.9

Manual Integrations
APPROVED

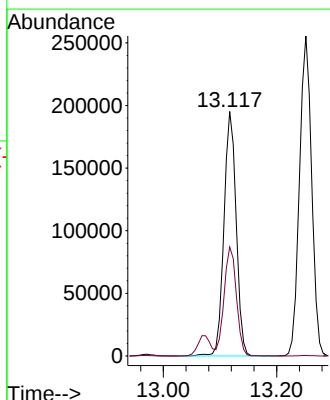
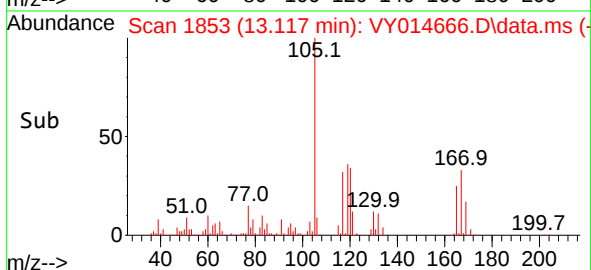
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

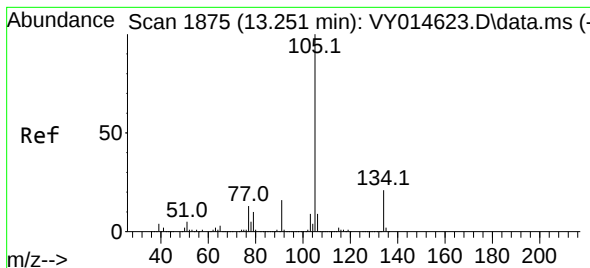


#84
1,2,4-Trimethylbenzene
Concen: 21.083 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46



Tgt Ion:105 Resp: 291392
Ion Ratio Lower Upper
105 100
120 44.7 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.694 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY014666.D

Acq: 17 Jul 2023 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0717SBSD01

Tgt Ion:105 Resp: 37924

Ion Ratio Lower Upper

105 100

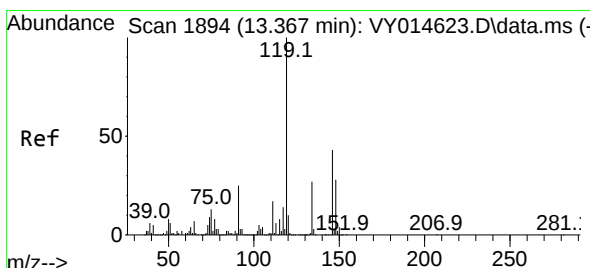
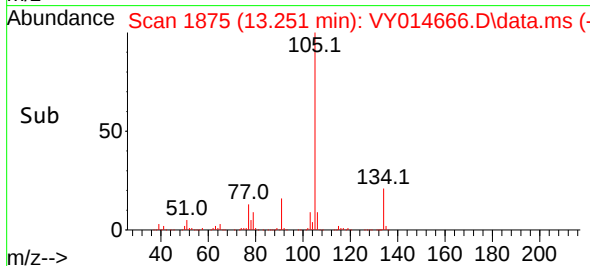
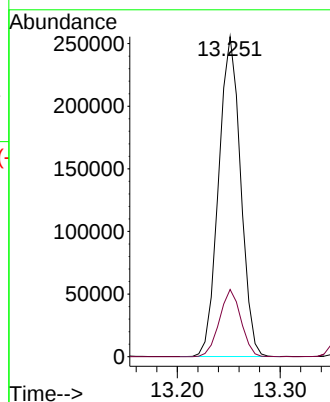
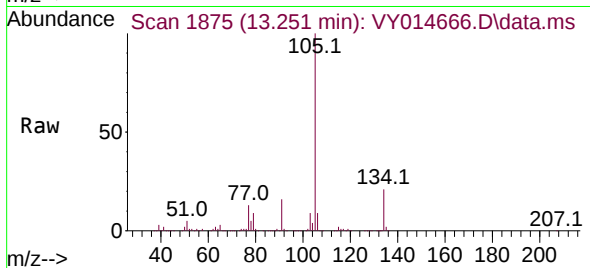
134 20.6 10.2 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#86

p-Isopropyltoluene

Concen: 20.993 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY014666.D

Acq: 17 Jul 2023 12:46

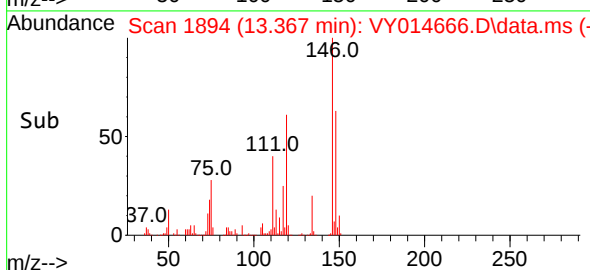
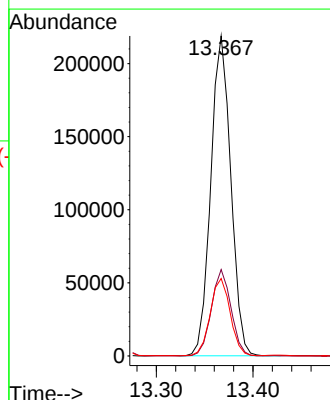
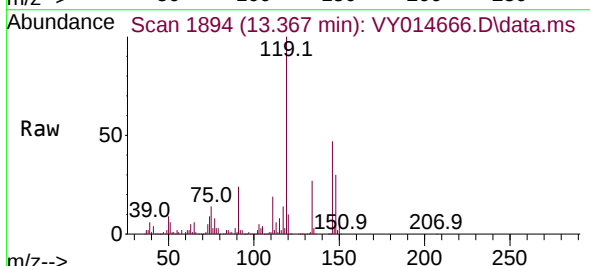
Tgt Ion:119 Resp: 314107

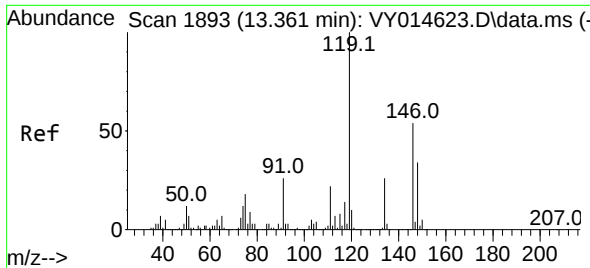
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 24.1 12.4 37.4





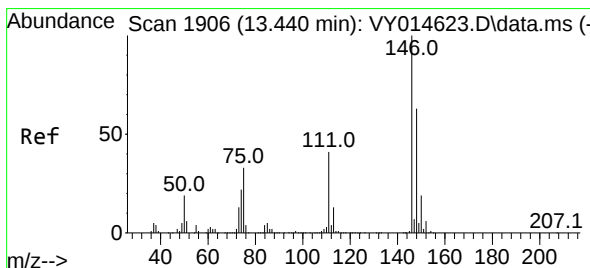
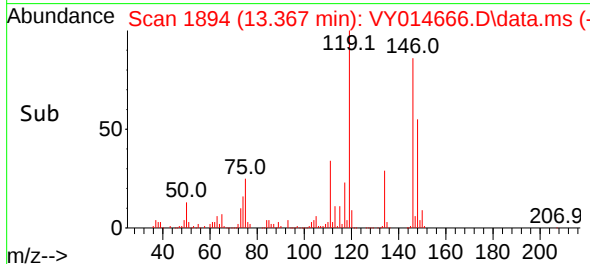
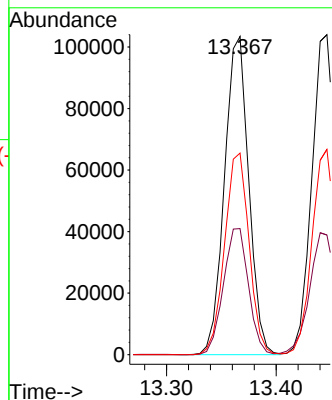
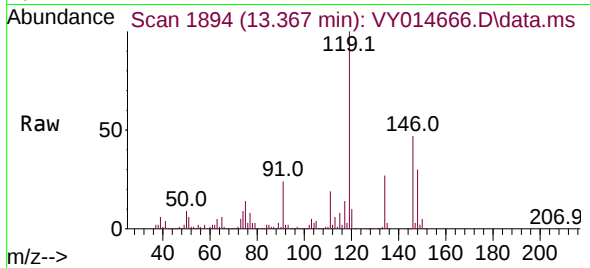
#87
1,3-Dichlorobenzene
Concen: 21.225 ug/l
RT: 13.367 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBS01

Tgt Ion:146 Resp: 159012
Ion Ratio Lower Upper
146 100
111 41.0 19.4 58.2
148 63.9 31.9 95.5

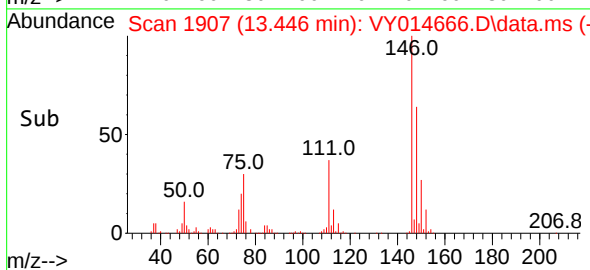
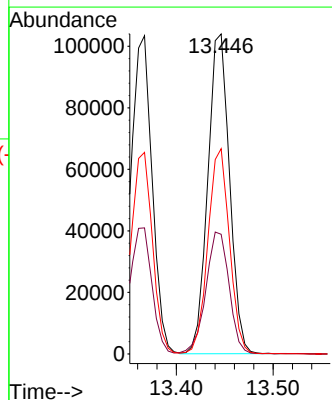
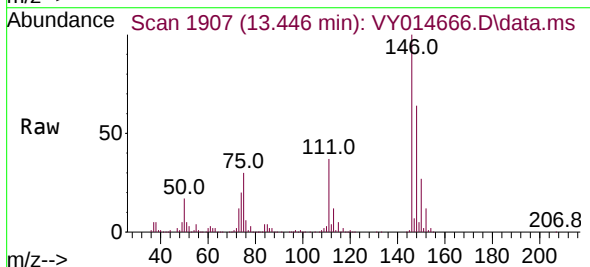
Manual Integrations
APPROVED

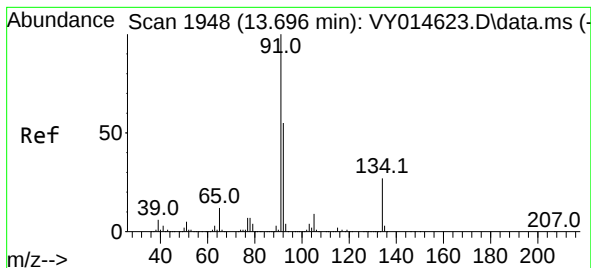
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#88
1,4-Dichlorobenzene
Concen: 21.632 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

Tgt Ion:146 Resp: 162398
Ion Ratio Lower Upper
146 100
111 40.6 18.9 56.7
148 63.6 32.1 96.5





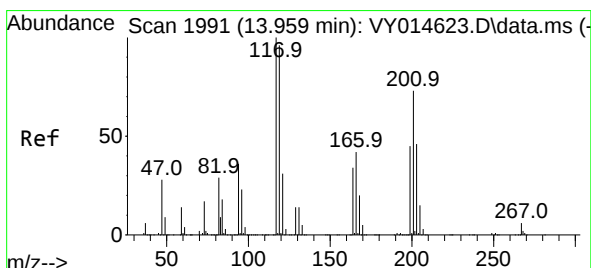
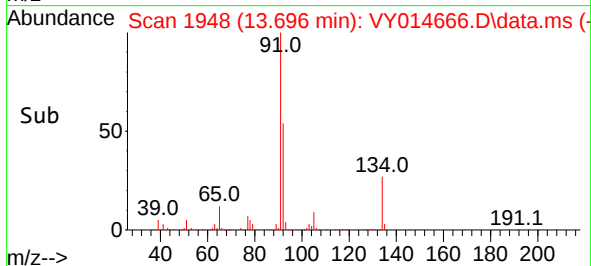
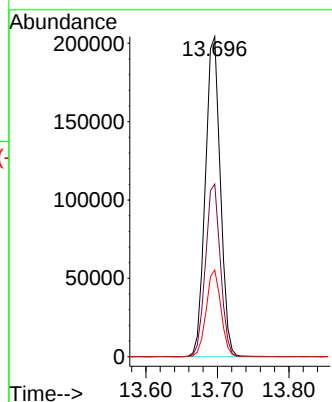
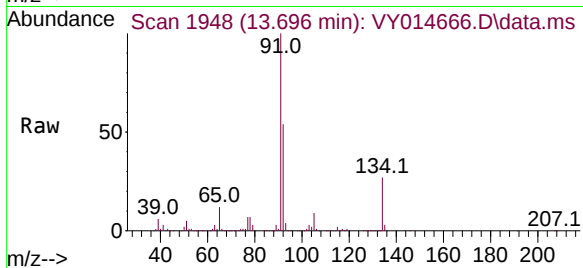
#89
n-Butylbenzene
Concen: 20.485 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBSD01

Tgt Ion: 91 Resp: 298204
Ion Ratio Lower Upper
91 100
92 53.8 25.4 76.0
134 26.6 12.6 37.6

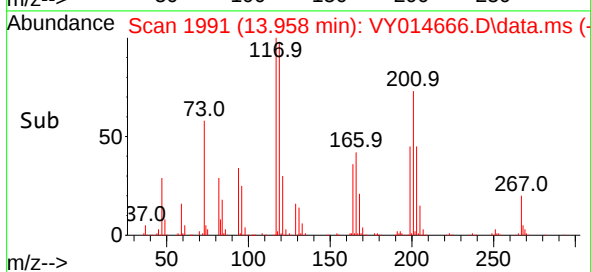
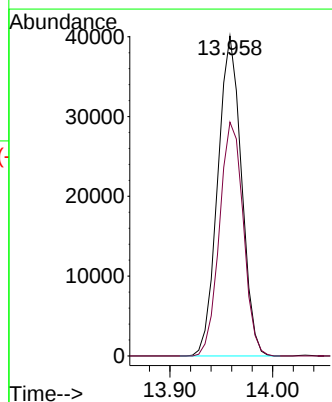
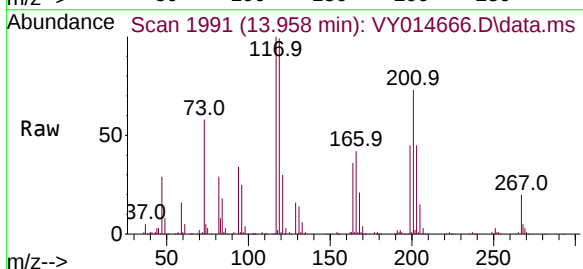
Manual Integrations
APPROVED

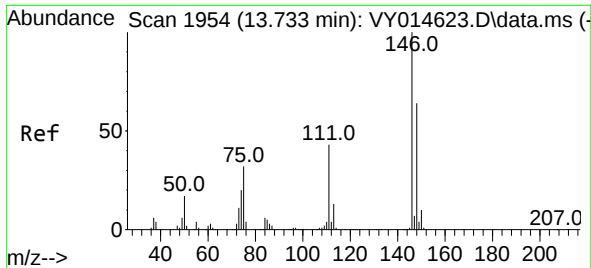
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#90
Hexachloroethane
Concen: 20.873 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.001 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

Tgt Ion:117 Resp: 64150
Ion Ratio Lower Upper
117 100
201 73.4 41.6 124.8





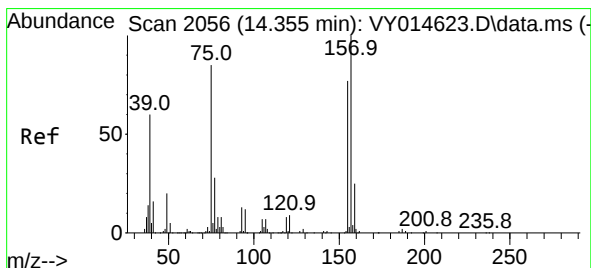
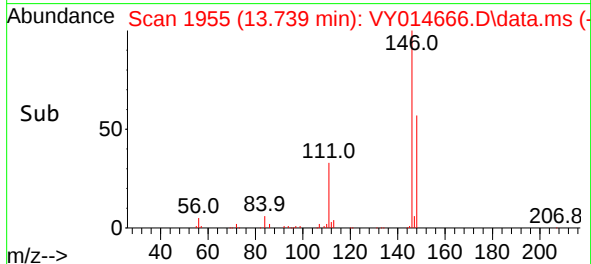
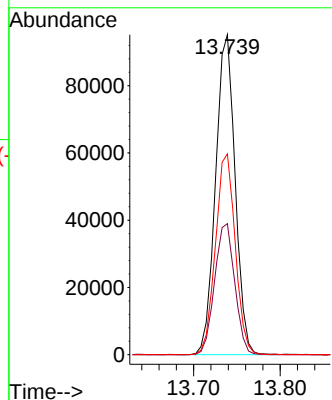
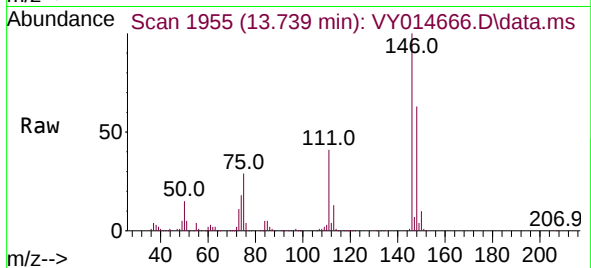
#91
1,2-Dichlorobenzene
Concen: 21.746 ug/l
RT: 13.739 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBSD01

Tgt Ion:146 Resp: 14926
Ion Ratio Lower Upper
146 100
111 42.1 19.7 59.0
148 63.6 32.0 96.2

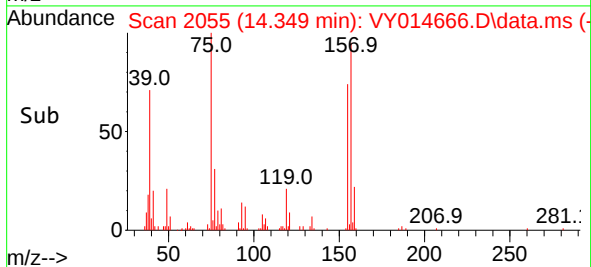
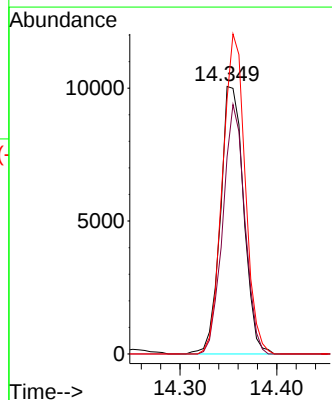
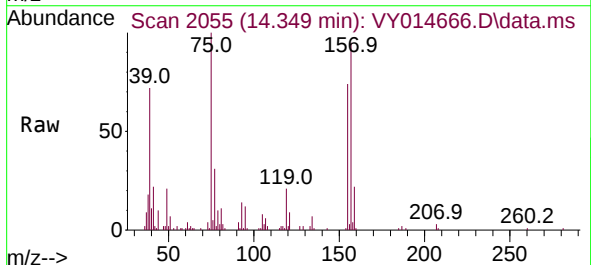
Manual Integrations
APPROVED

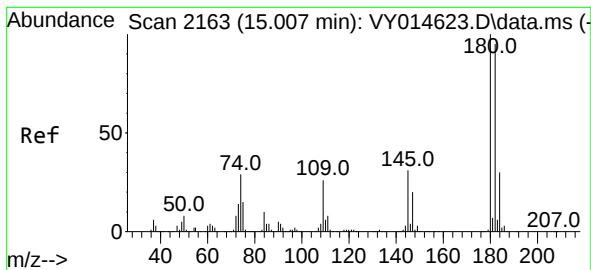
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.829 ug/l
RT: 14.349 min Scan# 2055
Delta R.T. -0.006 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

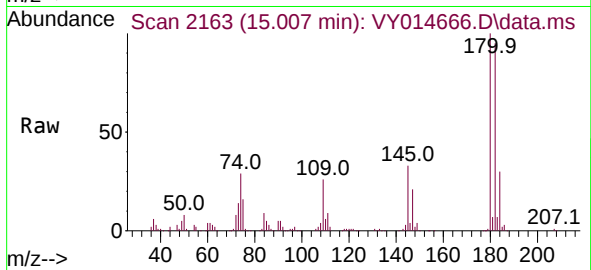
Tgt Ion: 75 Resp: 16789
Ion Ratio Lower Upper
75 100
155 87.7 41.5 124.6
157 115.7 51.8 155.5





#93
1,2,4-Trichlorobenzene
Concen: 21.874 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46

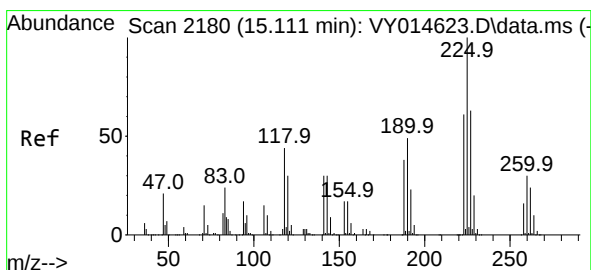
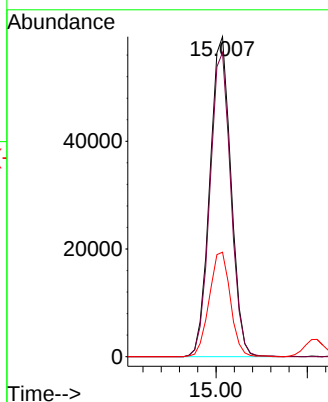
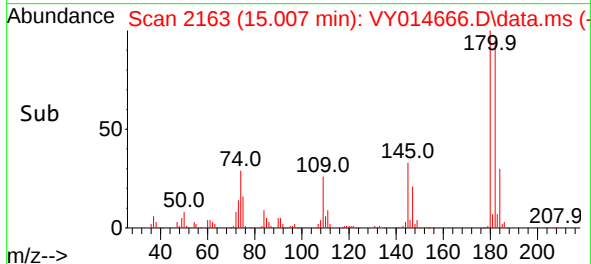
Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBSD01



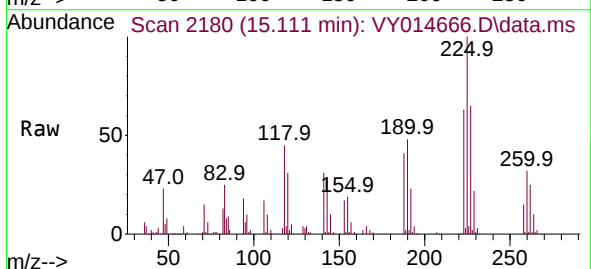
Tgt Ion:180 Resp: 9531
Ion Ratio Lower Upper
180 100
182 94.0 47.0 141.2
145 32.7 14.5 43.5

Manual Integrations
APPROVED

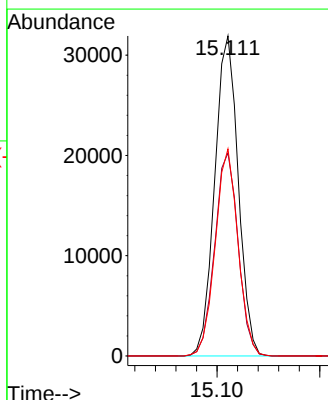
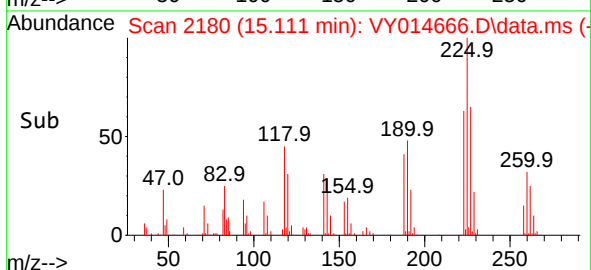
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

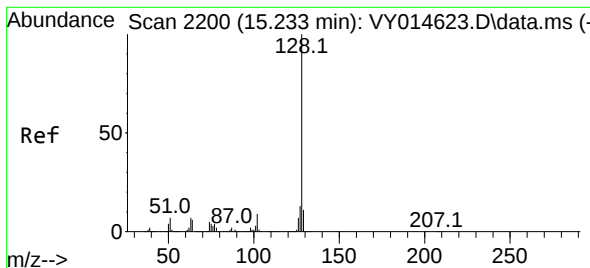


#94
Hexachlorobutadiene
Concen: 21.132 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY014666.D
Acq: 17 Jul 2023 12:46



Tgt Ion:225 Resp: 50599
Ion Ratio Lower Upper
225 100
223 63.4 31.9 95.9
227 62.8 33.0 98.9





#95

Naphthalene

Concen: 22.907 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY014666.D

Acq: 17 Jul 2023 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0717SBS01

Tgt Ion:128 Resp: 232530

Ion Ratio Lower Upper

128 100

127 13.2 10.8 16.2

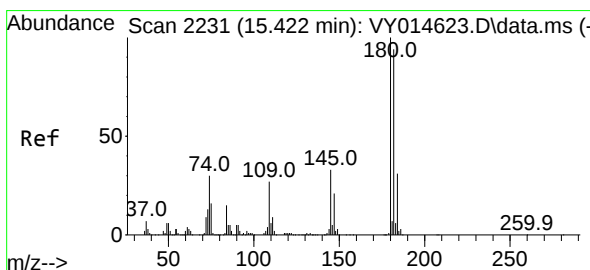
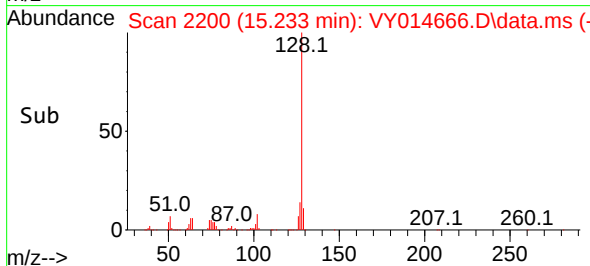
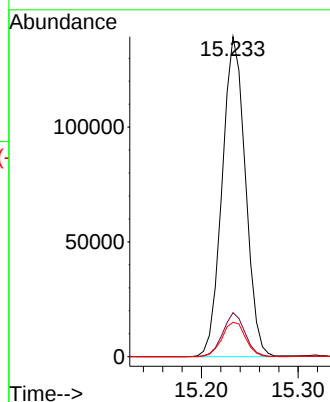
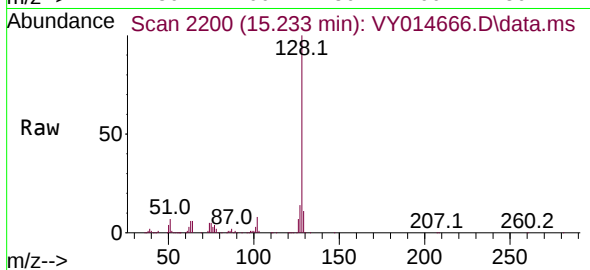
129 10.9 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#96

1,2,3-Trichlorobenzene

Concen: 21.932 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY014666.D

Acq: 17 Jul 2023 12:46

Tgt Ion:180 Resp: 84930

Ion Ratio Lower Upper

180 100

182 95.2 47.3 141.8

145 34.1 15.4 46.2

