

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071723\
 Data File : VY014665.D
 Acq On : 17 Jul 2023 12:23
 Operator : SY/MD
 Sample : VY0717SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 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 06:07:20 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	290646	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	486967	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	431608	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	217159	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	169961	51.316	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.640%			
35) Dibromofluoromethane	7.710	113	155036	50.013	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.020%			
50) Toluene-d8	10.179	98	567422	49.649	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.300%			
62) 4-Bromofluorobenzene	12.477	95	217212	49.567	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	55602	23.481	ug/l	99
3) Chloromethane	2.107	50	67677	25.425	ug/l	96
4) Vinyl Chloride	2.247	62	74056	24.894	ug/l	98
5) Bromomethane	2.625	94	49102	24.977	ug/l	100
6) Chloroethane	2.778	64	46182	24.853	ug/l	99
7) Trichlorofluoromethane	3.113	101	110776	22.172	ug/l	98
8) Diethyl Ether	3.521	74	42011	22.599	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.887	101	66413	21.687	ug/l	93
10) Methyl Iodide	4.076	142	65107	21.475	ug/l	96
11) Tert butyl alcohol	4.942	59	122370	171.164	ug/l #	92
12) 1,1-Dichloroethene	3.863	96	63211	22.085	ug/l	90
13) Acrolein	3.723	56	38401	110.931	ug/l	97
14) Allyl chloride	4.466	41	104910	20.644	ug/l	96
15) Acrylonitrile	5.149	53	126685	123.584	ug/l	97
16) Acetone	3.942	43	127936	121.897	ug/l	93
17) Carbon Disulfide	4.186	76	181832	22.190	ug/l	98
18) Methyl Acetate	4.466	43	102185	25.371	ug/l	93
19) Methyl tert-butyl Ether	5.210	73	217248	23.367	ug/l	100
20) Methylene Chloride	4.704	84	87193	23.320	ug/l	91
21) trans-1,2-Dichloroethene	5.204	96	72667	22.372	ug/l	99
22) Diisopropyl ether	6.112	45	219590	21.254	ug/l	91
23) Vinyl Acetate	6.051	43	676450	109.407	ug/l	96
24) 1,1-Dichloroethane	6.009	63	130414	22.060	ug/l	97
25) 2-Butanone	6.978	43	196512	127.982	ug/l	98
26) 2,2-Dichloropropane	6.972	77	124111	22.028	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	86557	22.894	ug/l	97
28) Bromochloromethane	7.326	49	59970	23.554	ug/l	93
29) Tetrahydrofuran	7.338	42	119837	126.748	ug/l	92
30) Chloroform	7.496	83	136607	22.409	ug/l	97
31) Cyclohexane	7.777	56	112452	20.453	ug/l	91
32) 1,1,1-Trichloroethane	7.697	97	119185	21.723	ug/l	99
36) 1,1-Dichloropropene	7.911	75	96136	20.738	ug/l	98
37) Ethyl Acetate	7.063	43	77952	24.423	ug/l #	95
38) Carbon Tetrachloride	7.899	117	105577	21.544	ug/l	99
39) Methylcyclohexane	9.179	83	124796	20.663	ug/l	94
40) Benzene	8.155	78	292302	22.170	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	37408m	22.786	ug/l	
42) 1,2-Dichloroethane	8.234	62	94114	22.541	ug/l	95
43) Isopropyl Acetate	8.271	43	138147	22.722	ug/l	96
44) Trichloroethene	8.935	130	81779	22.169	ug/l	98
45) 1,2-Dichloropropane	9.209	63	75089	21.811	ug/l	98
46) Dibromomethane	9.301	93	46200	22.120	ug/l	97
47) Bromodichloromethane	9.490	83	107500	21.838	ug/l	94
48) Methyl methacrylate	9.289	41	62915	22.997	ug/l	91
49) 1,4-Dioxane	9.295	88	16913	496.625	ug/l #	40
51) 4-Methyl-2-Pentanone	10.069	43	391425	122.616	ug/l	93
52) Toluene	10.240	92	186689	22.128	ug/l	93
53) t-1,3-Dichloropropene	10.459	75	119075	22.115	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	127855	21.835	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	66701	22.927	ug/l	97
56) Ethyl methacrylate	10.508	69	99538	22.408	ug/l	90
57) 1,3-Dichloropropane	10.788	76	110371	21.995	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	250598	121.078	ug/l	94
59) 2-Hexanone	10.831	43	289703	124.444	ug/l	91
60) Dibromochloromethane	10.983	129	81466	22.839	ug/l	100
61) 1,2-Dibromoethane	11.087	107	67796	23.359	ug/l	100
64) Tetrachloroethene	10.715	164	79513	22.906	ug/l	97
65) Chlorobenzene	11.514	112	202176	21.982	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	75630	21.809	ug/l	99
67) Ethyl Benzene	11.587	91	366824	22.090	ug/l	100
68) m/p-Xylenes	11.697	106	272575	43.000	ug/l	98
69) o-Xylene	12.026	106	135952	22.019	ug/l	98
70) Styrene	12.038	104	231140	22.212	ug/l	98
71) Bromoform	12.203	173	55404	23.570	ug/l #	99
73) Isopropylbenzene	12.325	105	356445	20.963	ug/l	100
74) N-amyl acetate	12.142	43	122629	21.533	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	87053	22.450	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	62720m	22.868	ug/l	
77) Bromobenzene	12.605	156	81760	21.065	ug/l	94
78) n-propylbenzene	12.666	91	412215	20.118	ug/l	100
79) 2-Chlorotoluene	12.751	91	237541	20.128	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	297391	20.942	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	30618	21.615	ug/l	93
82) 4-Chlorotoluene	12.855	91	244755	20.137	ug/l	99
83) tert-Butylbenzene	13.075	119	255297	20.267	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	296518	21.277	ug/l	99
85) sec-Butylbenzene	13.251	105	373575	20.217	ug/l	100
86) p-Isopropyltoluene	13.367	119	309059	20.485	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	163107	21.592	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	162613	21.482	ug/l	97
89) n-Butylbenzene	13.696	91	294111	20.037	ug/l	96
90) Hexachloroethane	13.959	117	63042	20.343	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	150198	21.702	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.349	75	17599	23.733	ug/l	93
93) 1,2,4-Trichlorobenzene	15.001	180	96751	22.022	ug/l	98
94) Hexachlorobutadiene	15.111	225	49925	20.679	ug/l	98
95) Naphthalene	15.233	128	236039	23.060	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	84457	21.630	ug/l	97

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ClientSampleId :
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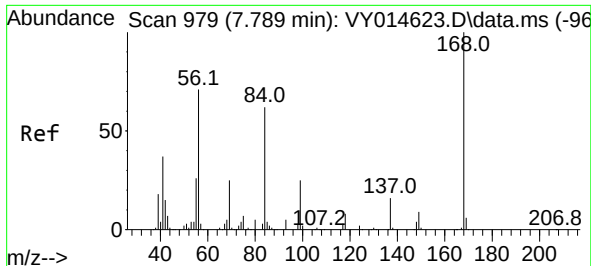
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 07/18/2023

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

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



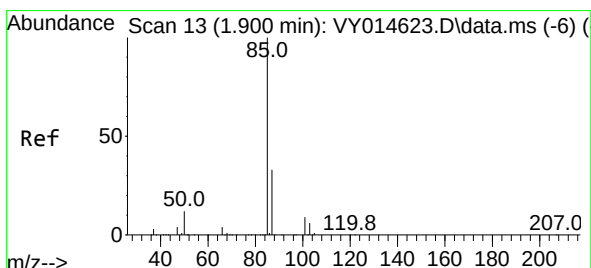
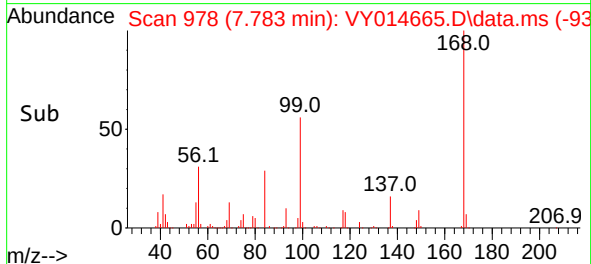
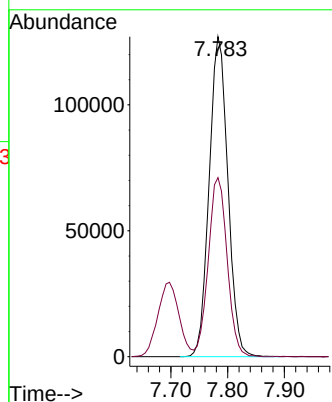
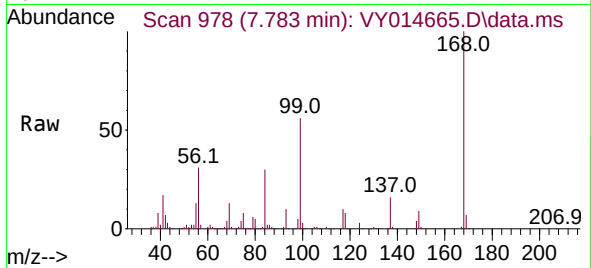
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBS01

Tgt Ion:168 Resp: 290640
Ion Ratio Lower Upper
168 100
99 55.9 43.4 65.0

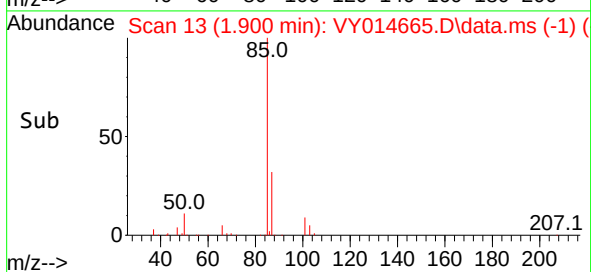
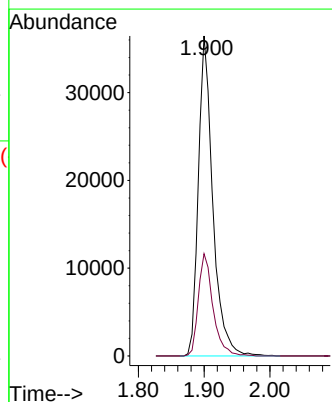
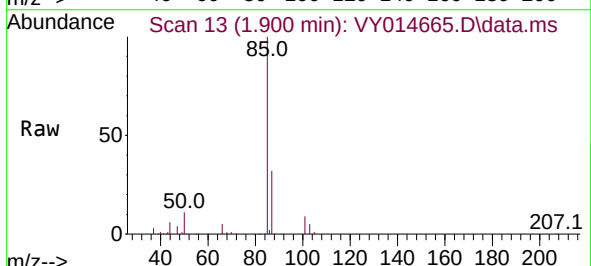
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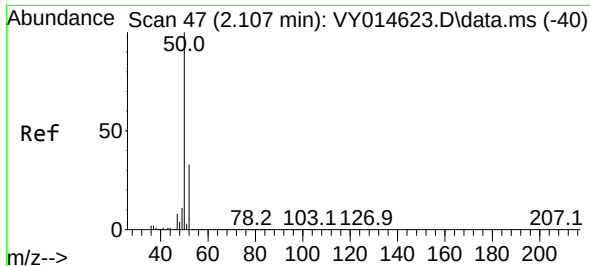
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#2
Dichlorodifluoromethane
Concen: 23.481 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

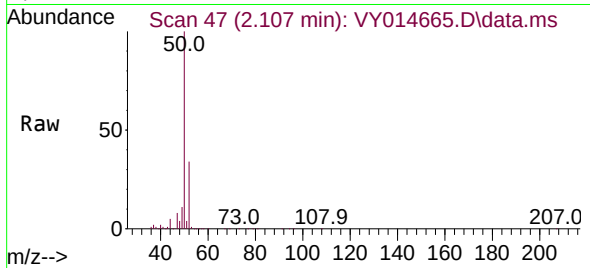
Tgt Ion: 85 Resp: 55602
Ion Ratio Lower Upper
85 100
87 31.9 15.6 46.8





#3
Chloromethane
Concen: 25.425 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

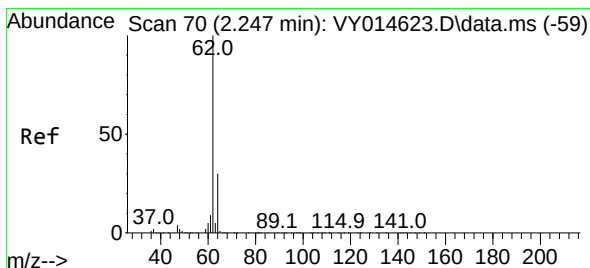
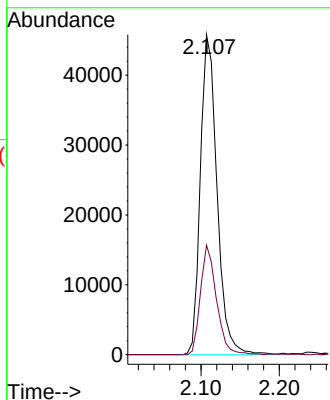
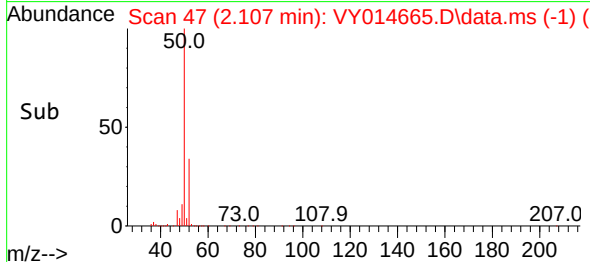
Instrument :
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VY0717SBS01



Tgt Ion: 50 Resp: 6767
Ion Ratio Lower Upper
50 100
52 34.3 25.4 38.2

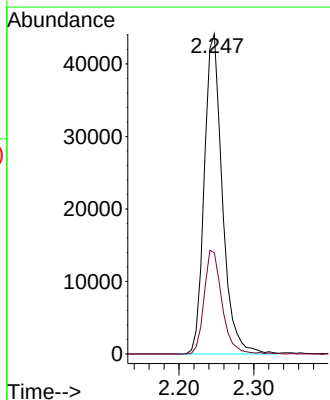
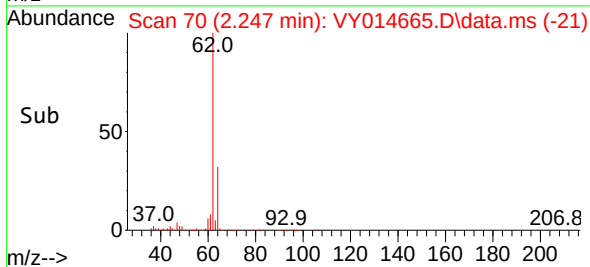
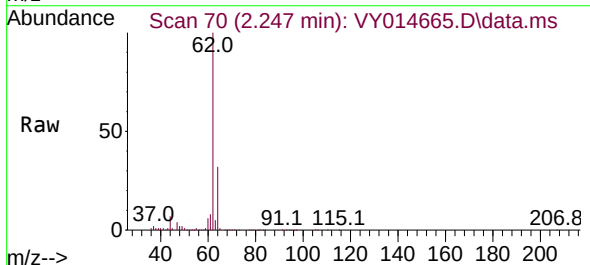
Manual Integrations
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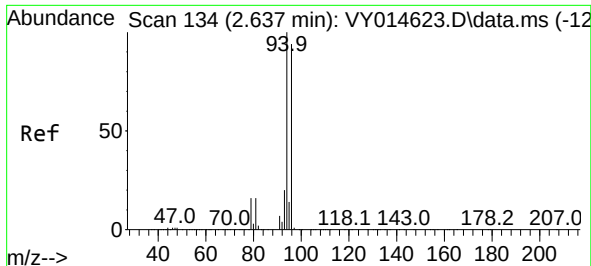
Reviewed By :John Carlone 07/18/2023
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#4
Vinyl Chloride
Concen: 24.894 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

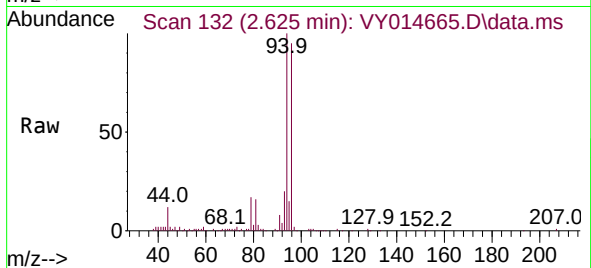
Tgt Ion: 62 Resp: 74056
Ion Ratio Lower Upper
62 100
64 31.6 24.3 36.5





#5
Bromomethane
Concen: 24.977 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

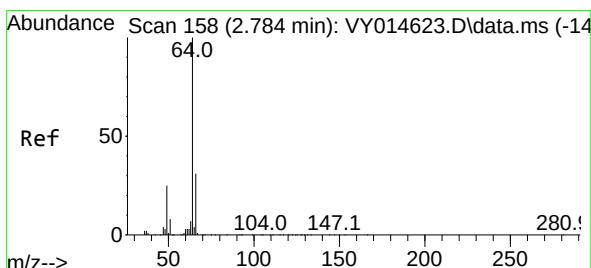
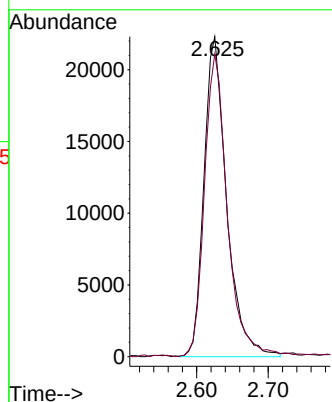
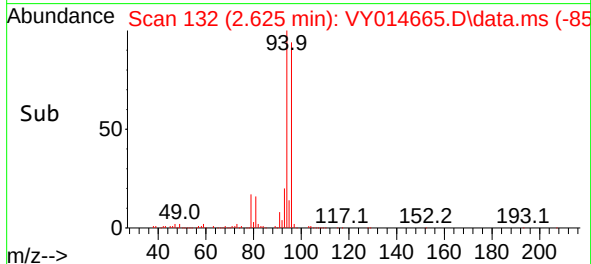
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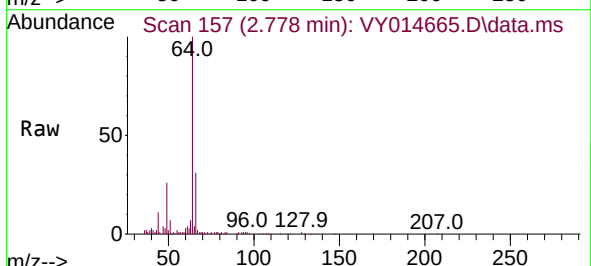
Tgt Ion: 94 Resp: 4910
Ion Ratio Lower Upper
94 100
96 94.3 75.8 113.6

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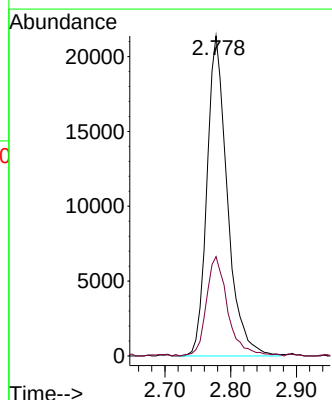
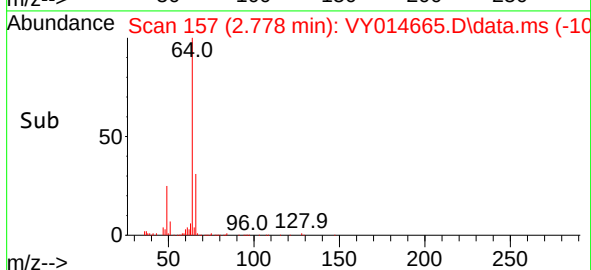
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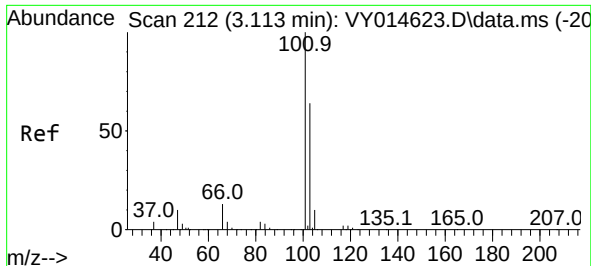


#6
Chloroethane
Concen: 24.853 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY014665.D
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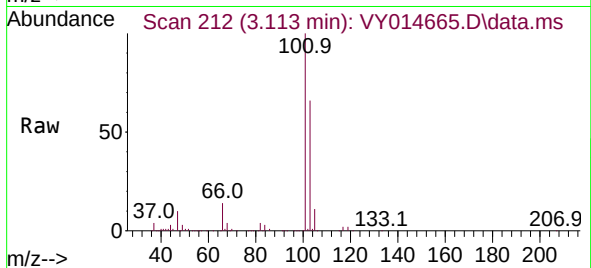
Tgt Ion: 64 Resp: 46182
Ion Ratio Lower Upper
64 100
66 31.0 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 22.172 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VY014665.D
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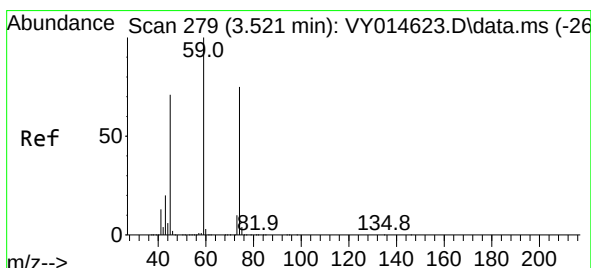
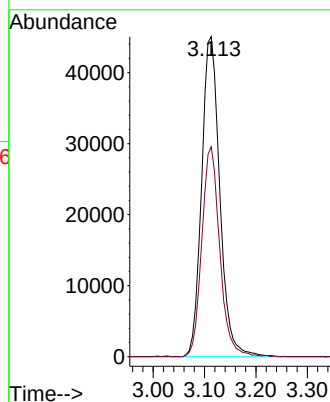
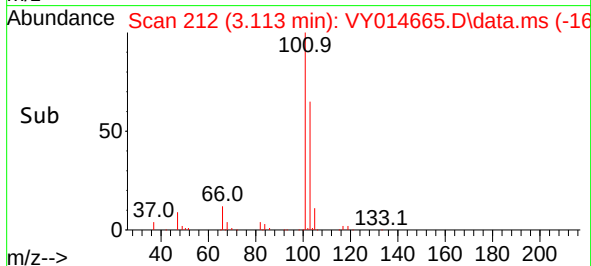
Instrument :
 MSVOA_Y
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Tgt Ion:101 Resp: 110770
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.4 77.0

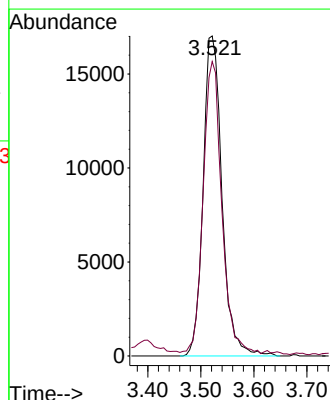
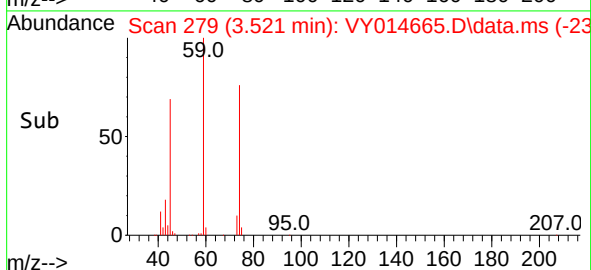
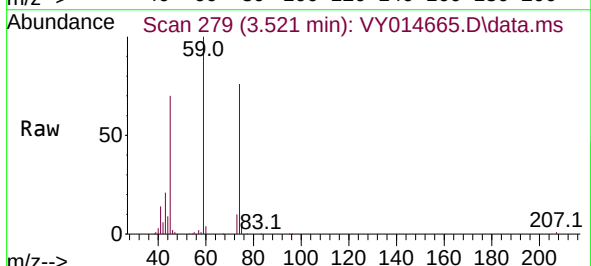
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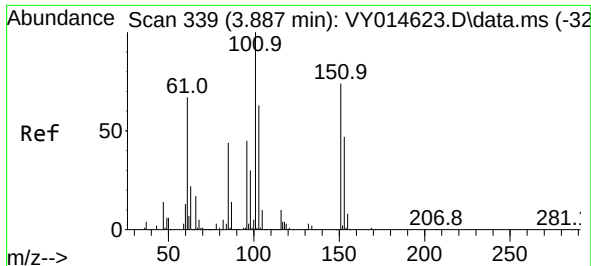
Reviewed By :John Carlone 07/18/2023
 Supervised By :Mahesh Dadoda 07/18/2023



#8
 Diethyl Ether
 Concen: 22.599 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VY014665.D
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Tgt Ion: 74 Resp: 42011
 Ion Ratio Lower Upper
 74 100
 45 90.2 51.5 154.5





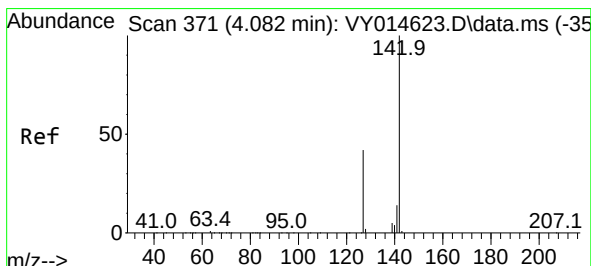
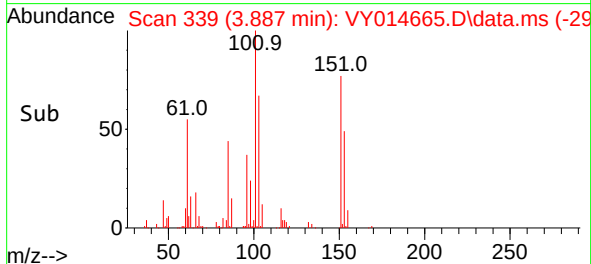
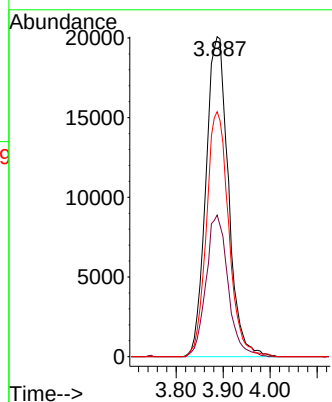
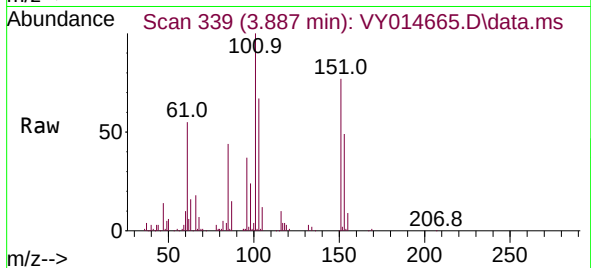
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.687 ug/l
RT: 3.887 min Scan# 311
Delta R.T. 0.000 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBS01

Tgt Ion:101 Resp: 6641
Ion Ratio Lower Upper
101 100
85 43.5 36.6 55.0
151 76.2 67.0 100.6

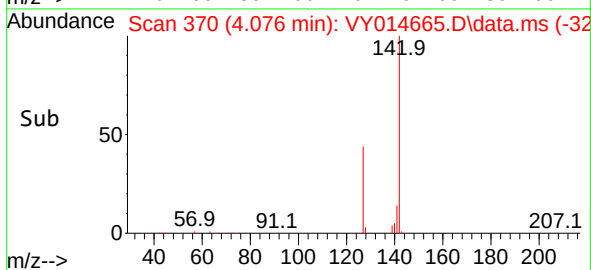
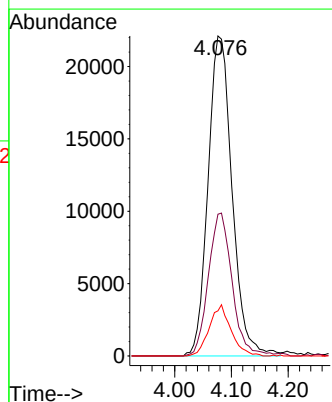
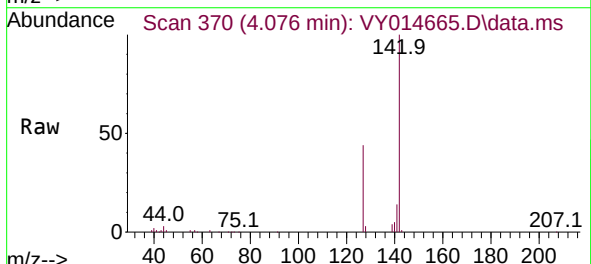
Manual Integrations
APPROVED

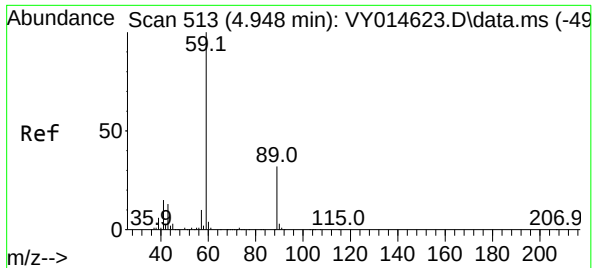
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#10
Methyl Iodide
Concen: 21.475 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

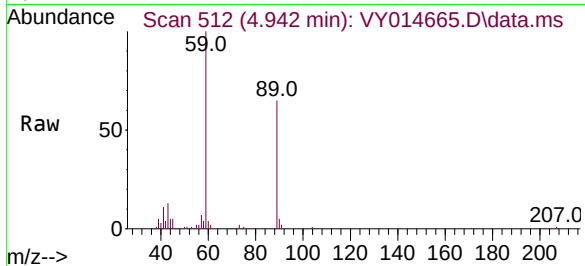
Tgt Ion:142 Resp: 65107
Ion Ratio Lower Upper
142 100
127 44.0 37.6 56.4
141 14.5 11.8 17.8





#11
Tert butyl alcohol
Concen: 171.164 ug/l
RT: 4.942 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

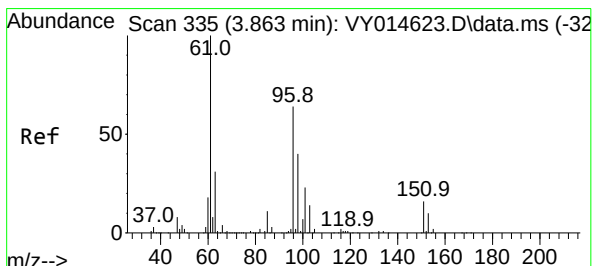
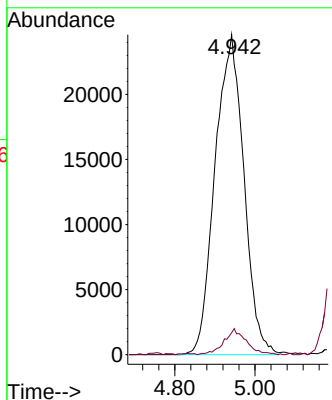
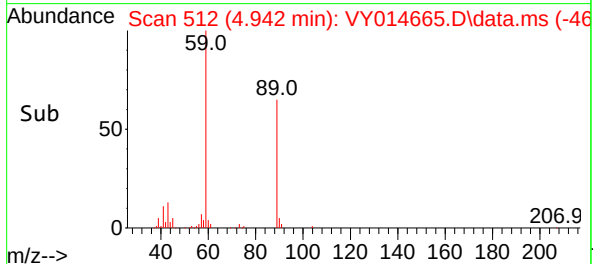
Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBS01



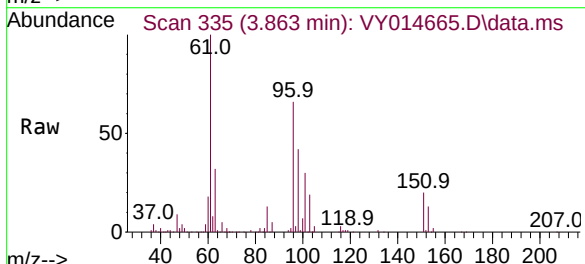
Tgt Ion: 59 Resp: 122370
Ion Ratio Lower Upper
59 100
57 6.3 3.0 4.4

Manual Integrations
APPROVED

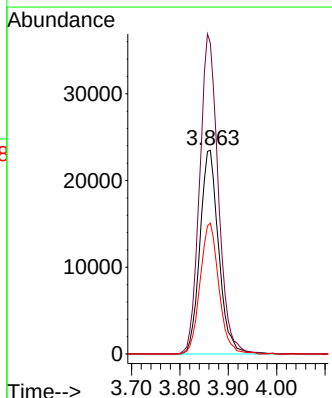
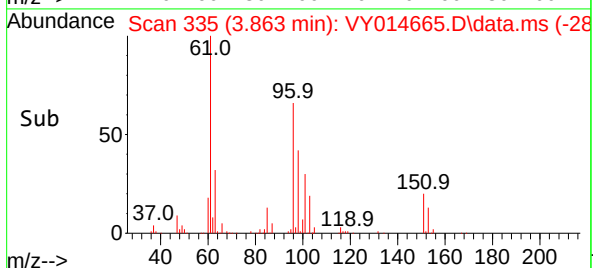
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

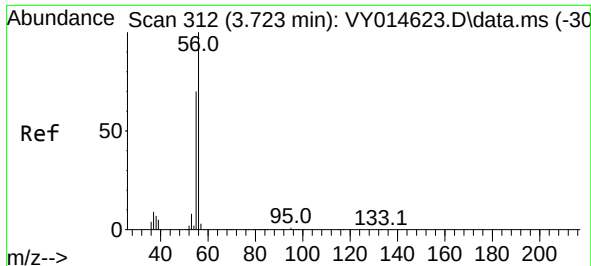


#12
1,1-Dichloroethene
Concen: 22.085 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23



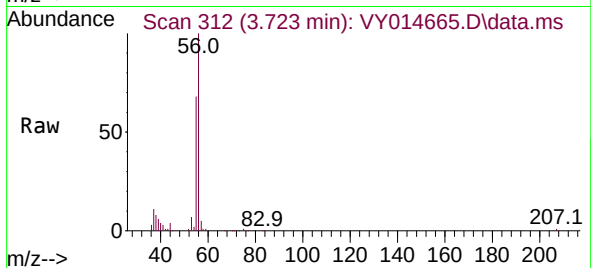
Tgt Ion: 96 Resp: 63211
Ion Ratio Lower Upper
96 100
61 152.5 136.4 204.6
98 64.3 49.4 74.2





#13
Acrolein
Concen: 110.931 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

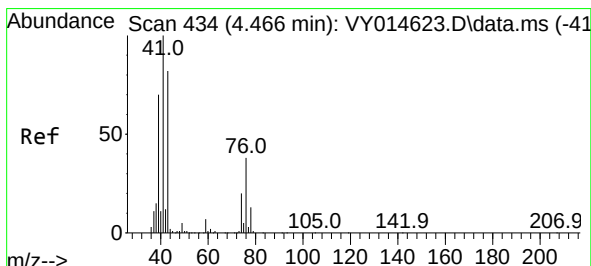
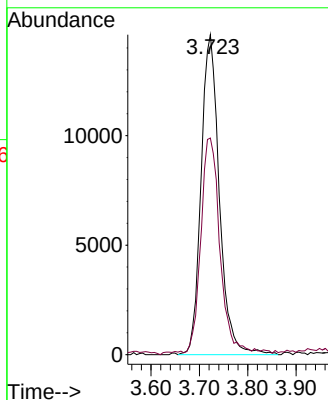
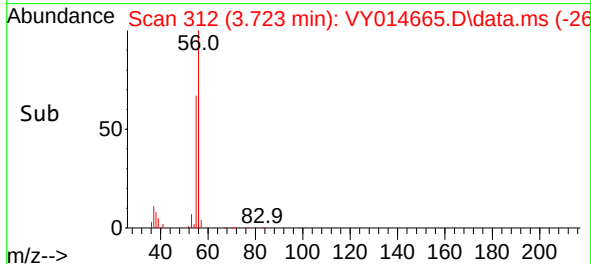
Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBS01



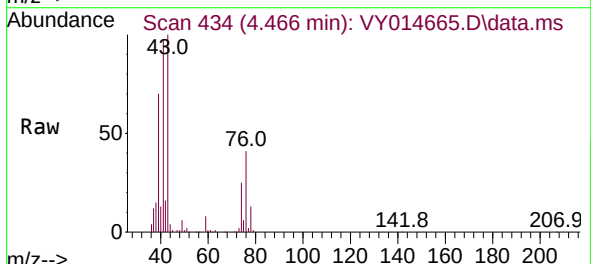
Tgt Ion: 56 Resp: 3840
Ion Ratio Lower Upper
56 100
55 68.8 57.0 85.4

Manual Integrations
APPROVED

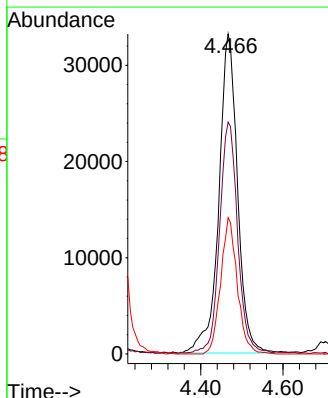
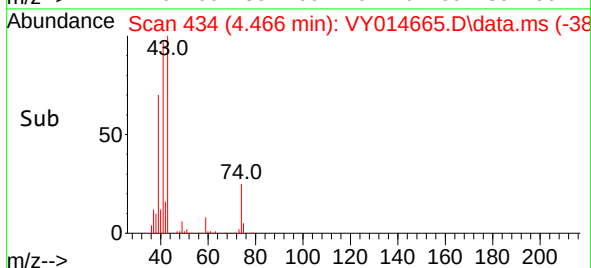
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

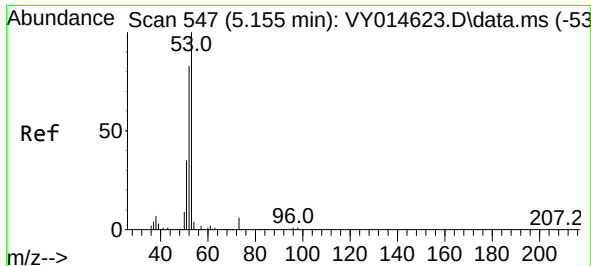


#14
Allyl chloride
Concen: 20.644 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23



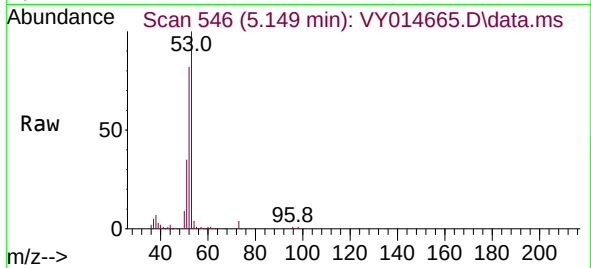
Tgt Ion: 41 Resp: 104910
Ion Ratio Lower Upper
41 100
39 70.1 58.0 87.0
76 38.0 27.4 41.2





#15
Acrylonitrile
Concen: 123.584 ug/l
RT: 5.149 min Scan# 547
Delta R.T. -0.006 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

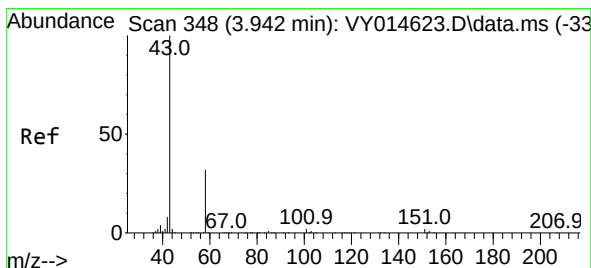
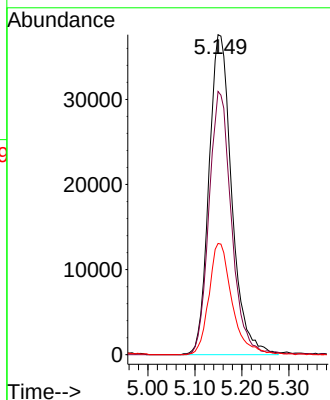
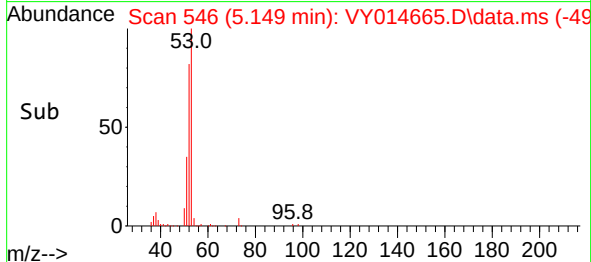
Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBS01



Tgt Ion: 53 Resp: 126689
Ion Ratio Lower Upper
53 100
52 81.0 66.9 100.3
51 35.3 29.8 44.6

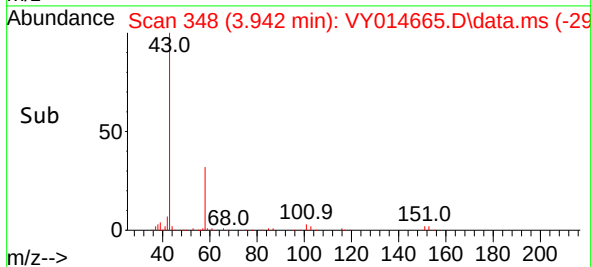
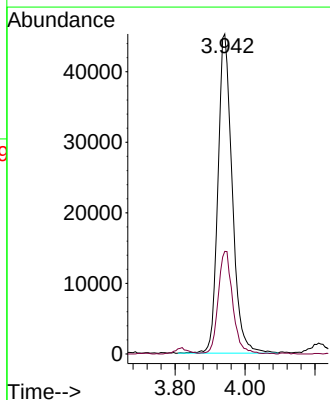
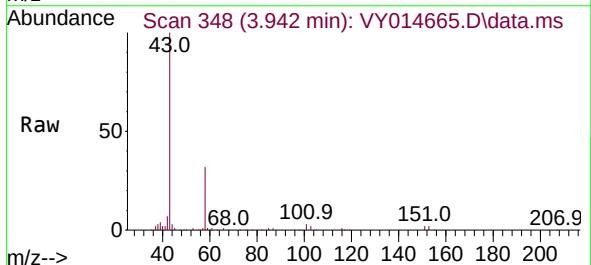
Manual Integrations
APPROVED

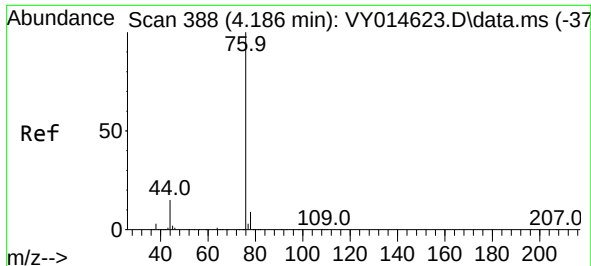
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#16
Acetone
Concen: 121.897 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

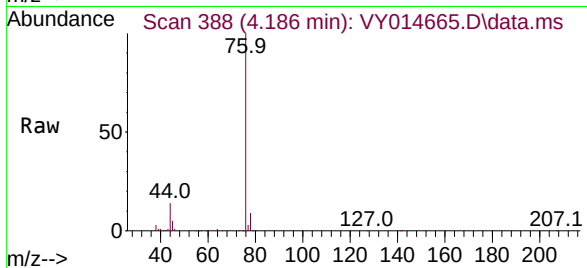
Tgt Ion: 43 Resp: 127936
Ion Ratio Lower Upper
43 100
58 32.1 22.7 34.1





#17
Carbon Disulfide
Concen: 22.190 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

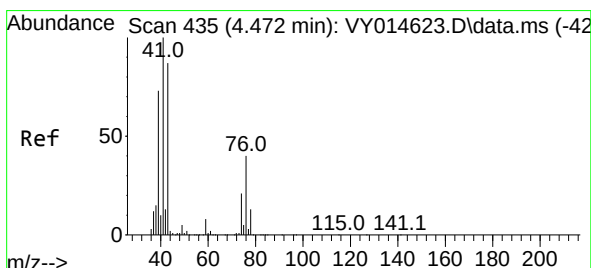
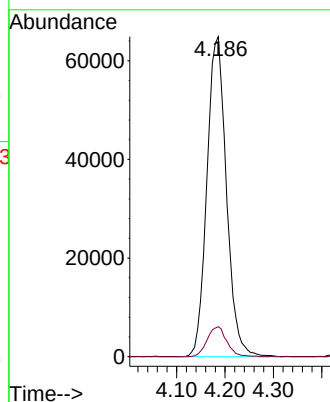
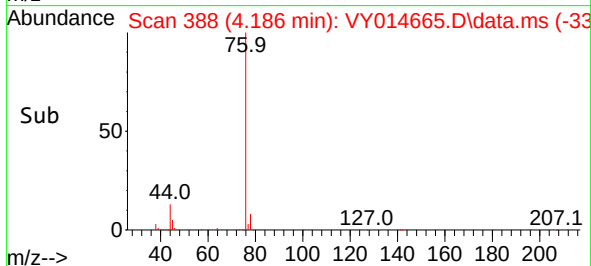
Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBS01



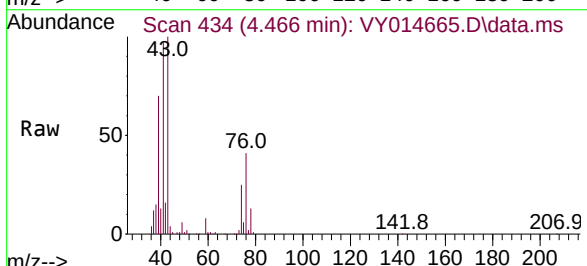
Tgt Ion: 76 Resp: 18183
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4

Manual Integrations
APPROVED

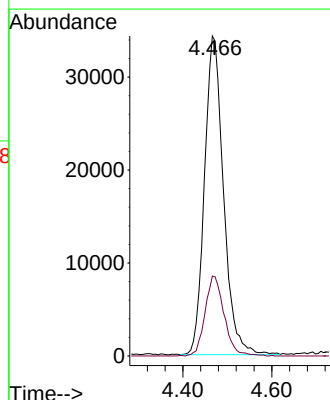
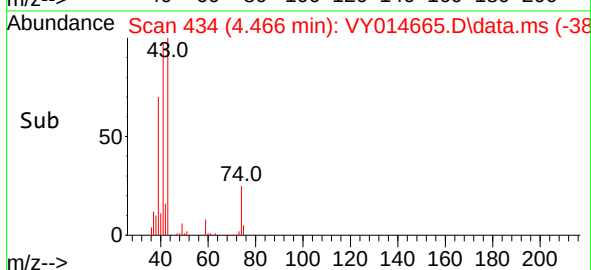
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

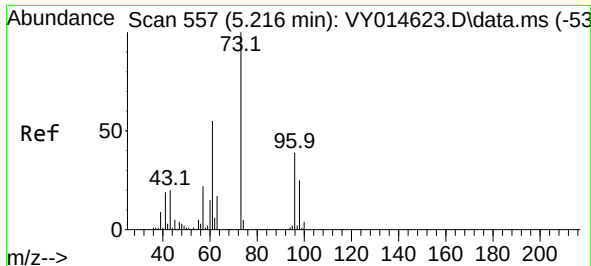


#18
Methyl Acetate
Concen: 25.371 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23



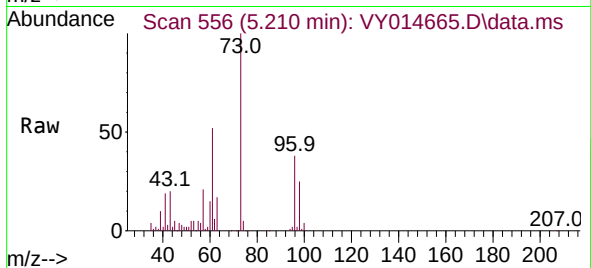
Tgt Ion: 43 Resp: 102185
Ion Ratio Lower Upper
43 100
74 25.2 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 23.367 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

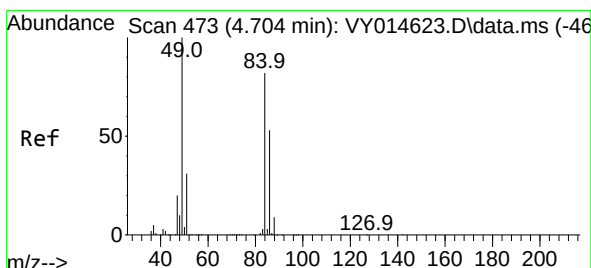
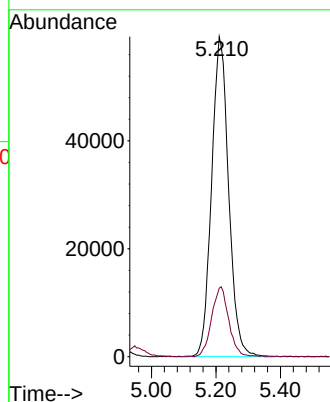
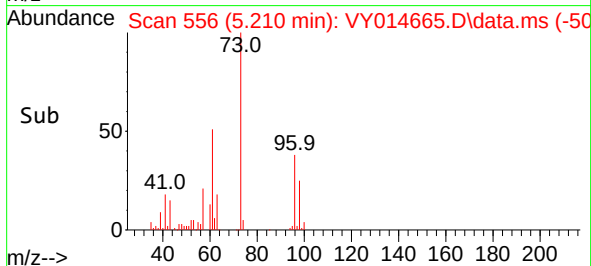
Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBS01



Tgt Ion: 73 Resp: 21724
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9

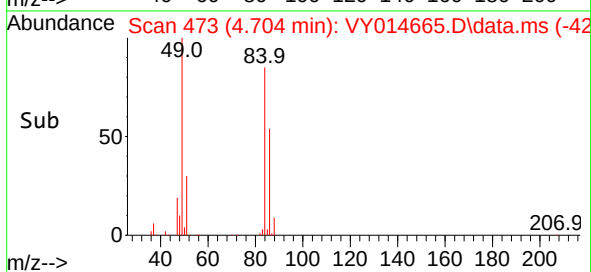
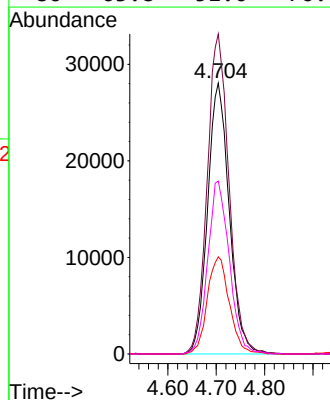
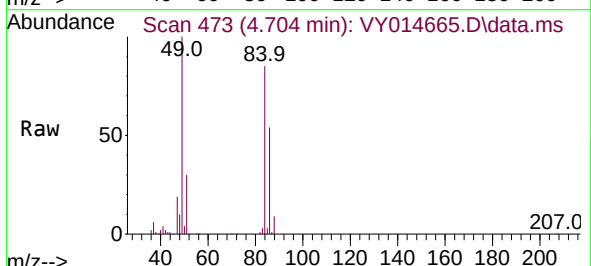
Manual Integrations
APPROVED

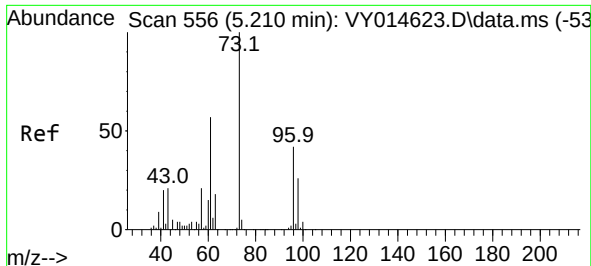
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#20
Methylene Chloride
Concen: 23.320 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

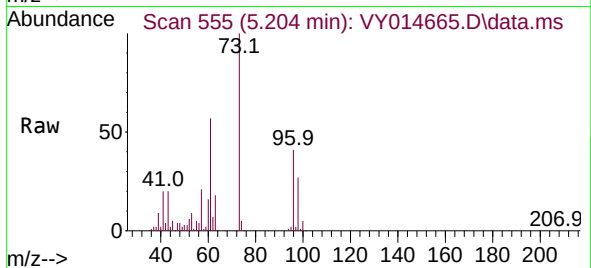
Tgt Ion: 84 Resp: 87193
Ion Ratio Lower Upper
84 100
49 118.1 106.9 160.3
51 35.8 33.2 49.8
86 63.8 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 22.372 ug/l
RT: 5.204 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

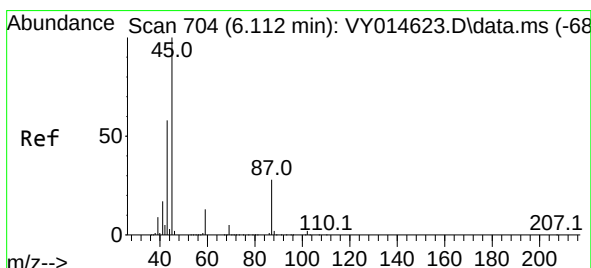
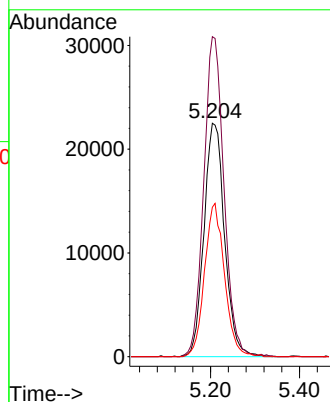
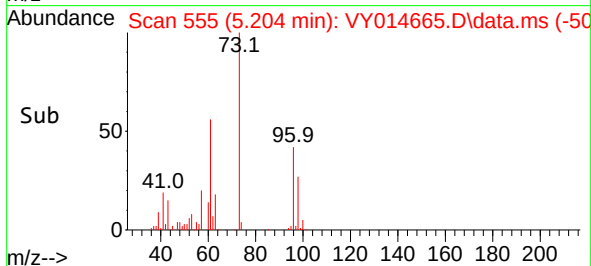
Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBS01



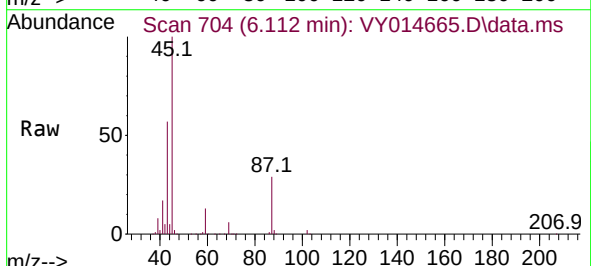
Tgt Ion: 96 Resp: 7266
Ion Ratio Lower Upper
96 100
61 137.1 110.2 165.4
98 64.0 51.8 77.6

Manual Integrations
APPROVED

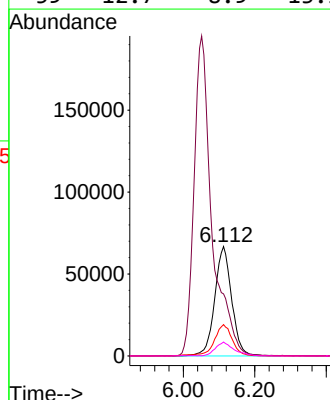
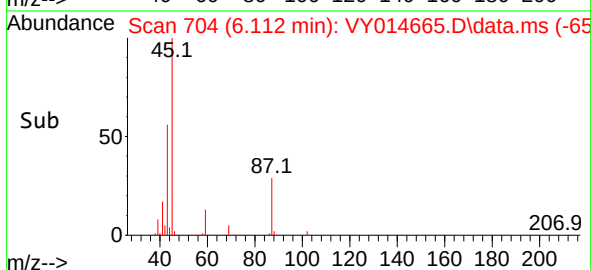
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

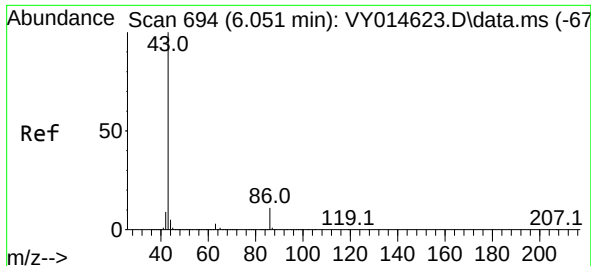


#22
Diisopropyl ether
Concen: 21.254 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23



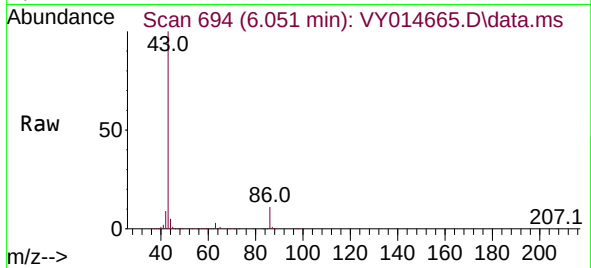
Tgt Ion: 45 Resp: 219590
Ion Ratio Lower Upper
45 100
43 56.4 52.2 78.4
87 28.6 21.0 31.6
59 12.7 8.9 13.3





#23
 Vinyl Acetate
 Concen: 109.407 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY014665.D
 Acq: 17 Jul 2023 12:23

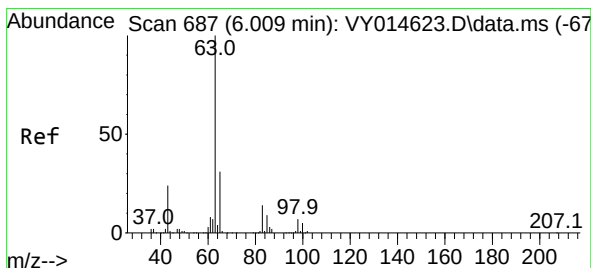
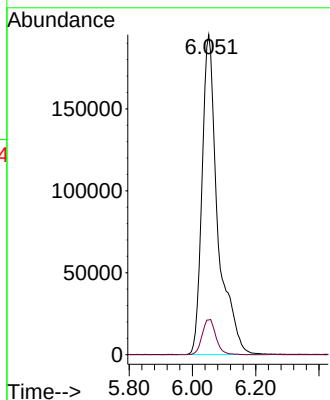
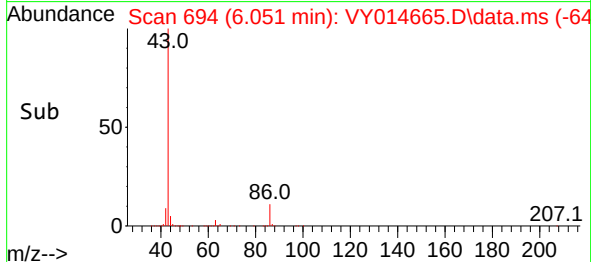
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0717SBS01



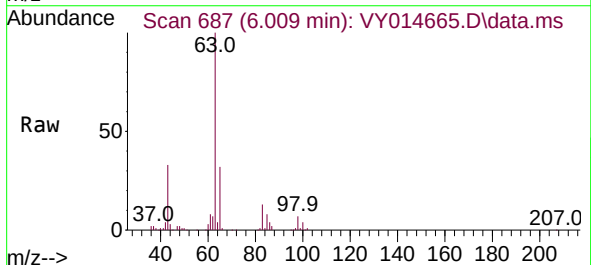
Tgt Ion: 43 Resp: 676450
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.5 11.3

Manual Integrations
 APPROVED

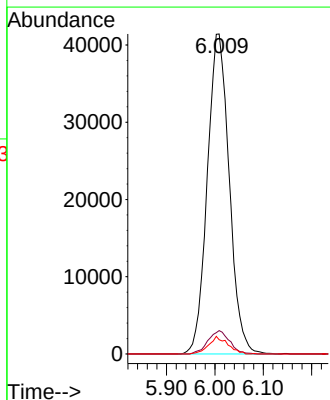
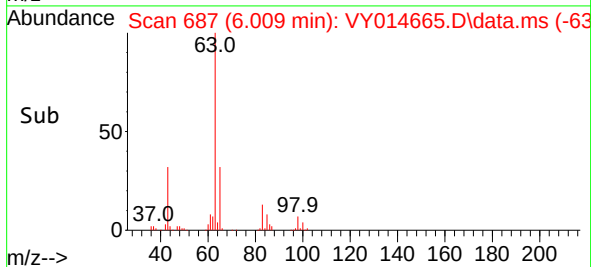
Reviewed By :John Carlone 07/18/2023
 Supervised By :Mahesh Dadoda 07/18/2023

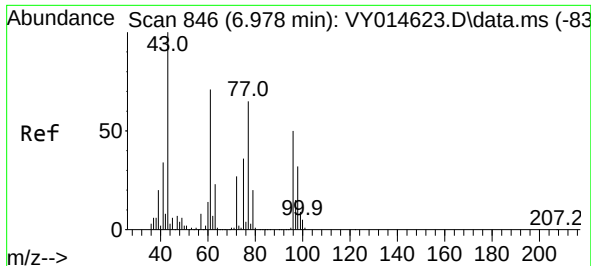


#24
 1,1-Dichloroethane
 Concen: 22.060 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY014665.D
 Acq: 17 Jul 2023 12:23



Tgt Ion: 63 Resp: 130414
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.1 9.4
 100 4.4 1.8 5.5





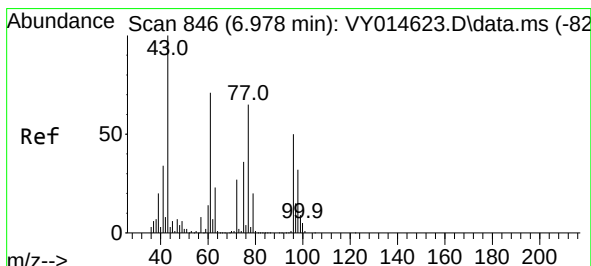
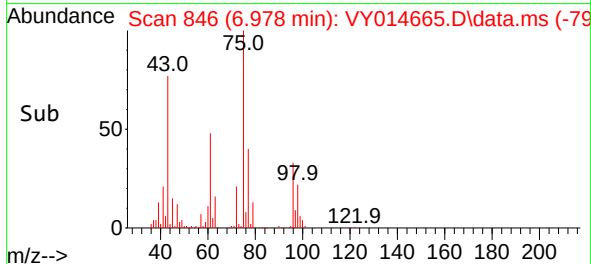
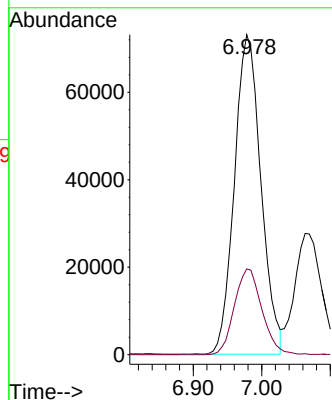
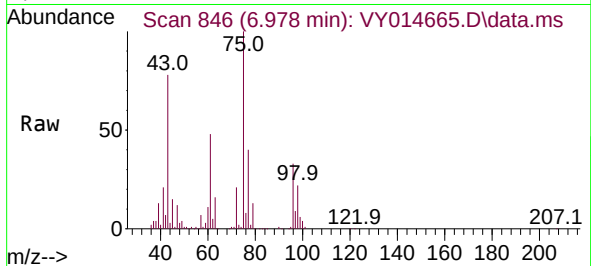
#25
2-Butanone
Concen: 127.982 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBS01

Tgt Ion: 43 Resp: 196512
Ion Ratio Lower Upper
43 100
72 26.8 20.5 30.7

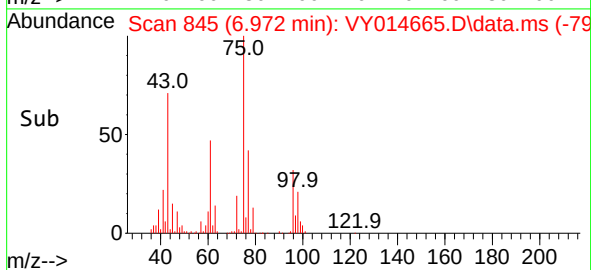
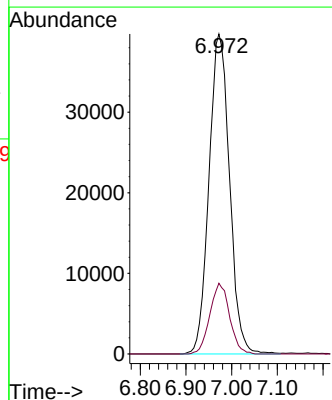
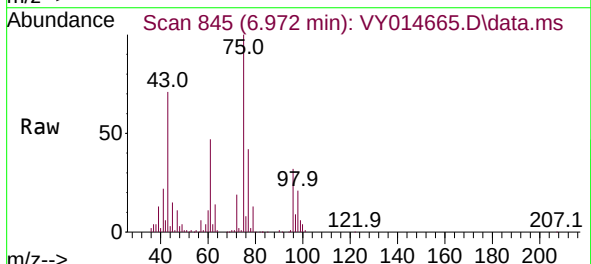
Manual Integrations
APPROVED

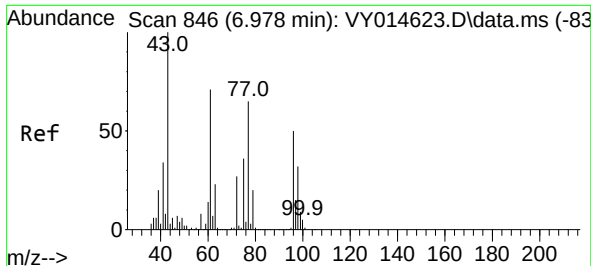
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#26
2,2-Dichloropropane
Concen: 22.028 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

Tgt Ion: 77 Resp: 124111
Ion Ratio Lower Upper
77 100
97 21.2 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 22.894 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY014665.D

Acq: 17 Jul 2023 12:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0717SBS01

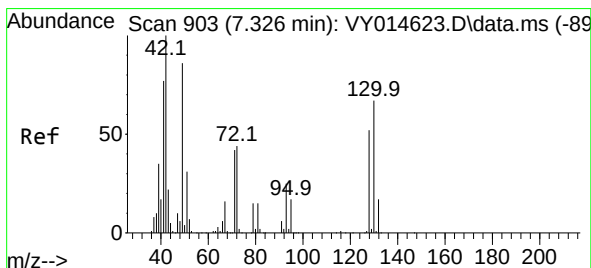
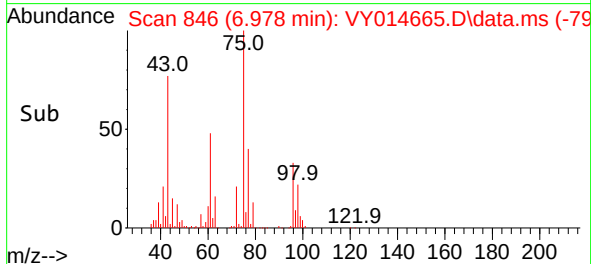
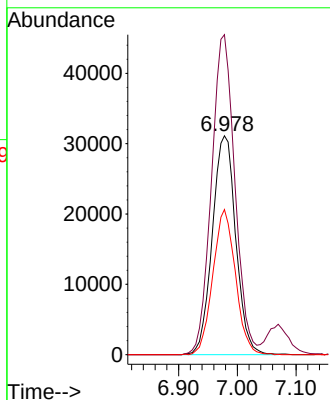
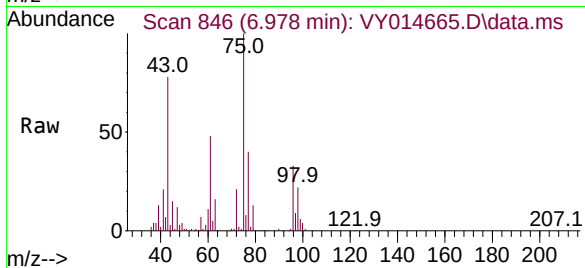
Tgt Ion:	96	Resp:	8655
Ion Ratio	Lower	Upper	
96	100		
61	145.4	0.0	301.4
98	63.8	0.0	130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#28

Bromochloromethane

Concen: 23.554 ug/l

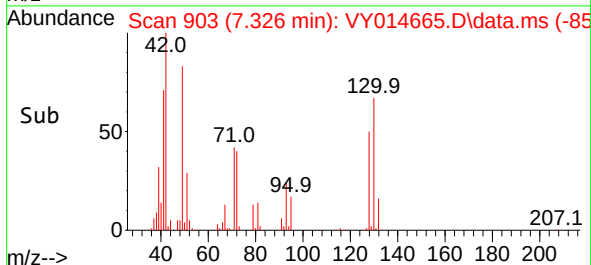
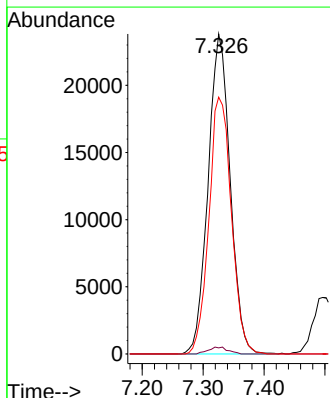
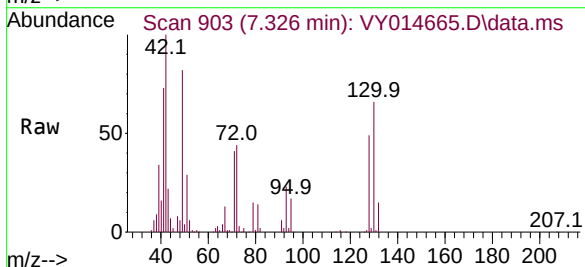
RT: 7.326 min Scan# 903

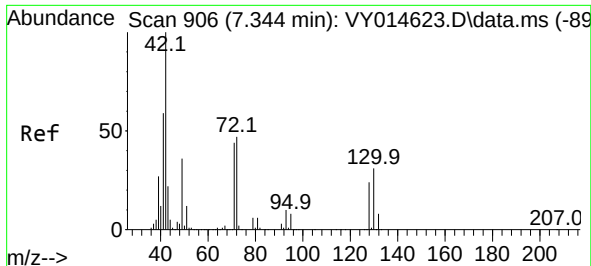
Delta R.T. -0.000 min

Lab File: VY014665.D

Acq: 17 Jul 2023 12:23

Tgt Ion:	49	Resp:	59970
Ion Ratio	Lower	Upper	
49	100		
129	1.9	0.0	4.6
130	81.7	60.7	91.1





#29

Tetrahydrofuran

Concen: 126.748 ug/l

RT: 7.338 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY014665.D

Acq: 17 Jul 2023 12:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0717SBS01

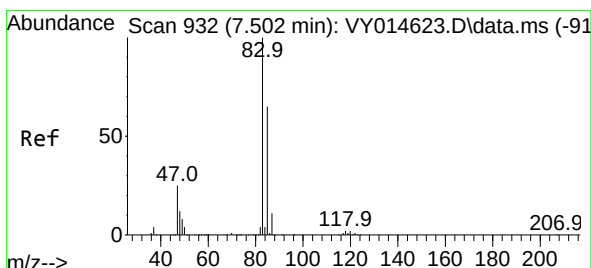
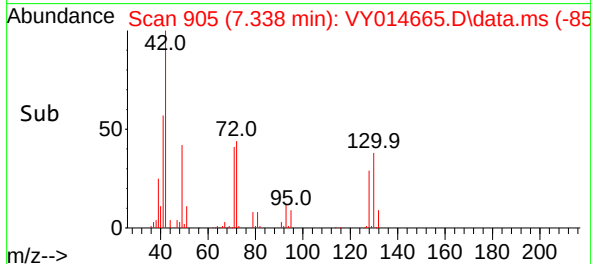
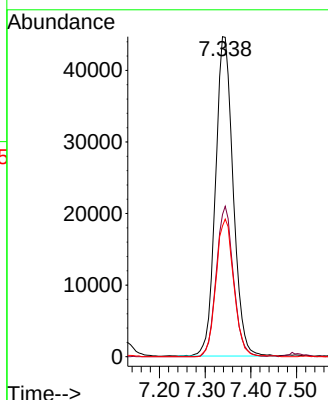
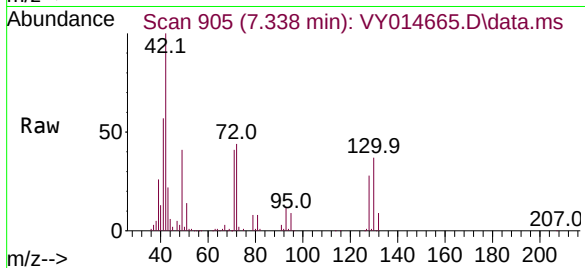
Tgt Ion:	42	Resp:	11983
Ion Ratio	Lower	Upper	
42	100		
72	45.9	32.8	49.2
71	43.3	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#30

Chloroform

Concen: 22.409 ug/l

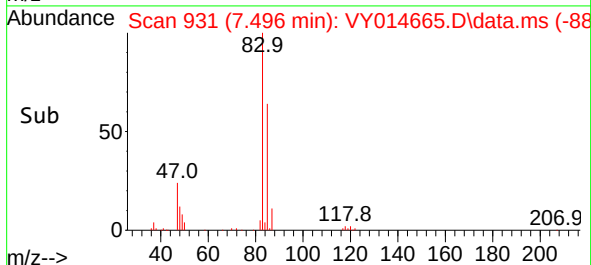
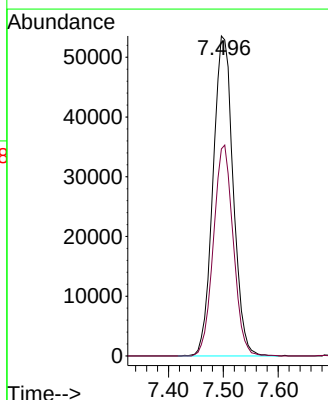
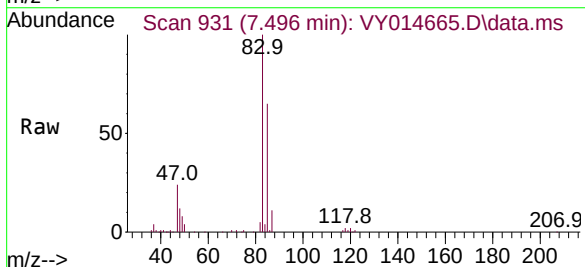
RT: 7.496 min Scan# 931

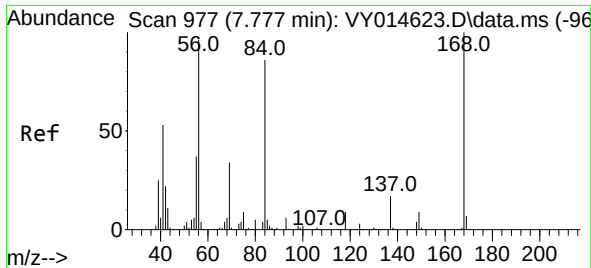
Delta R.T. -0.006 min

Lab File: VY014665.D

Acq: 17 Jul 2023 12:23

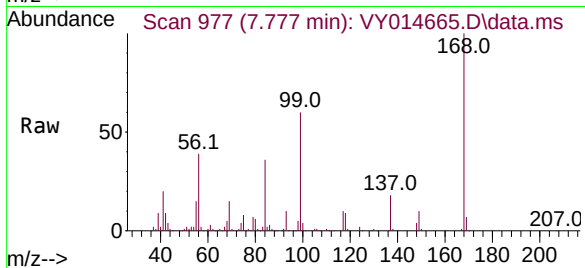
Tgt Ion:	83	Resp:	136607
Ion Ratio	Lower	Upper	
83	100		
85	64.7	49.7	74.5





#31
Cyclohexane
Concen: 20.453 ug/l
RT: 7.777 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

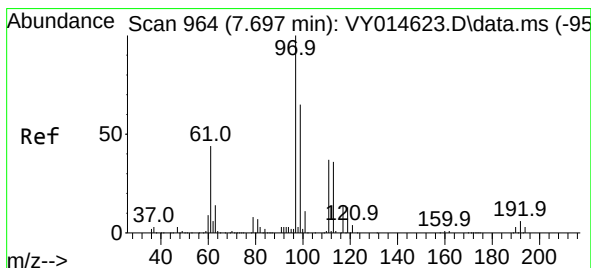
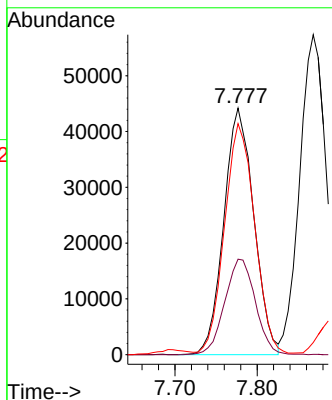
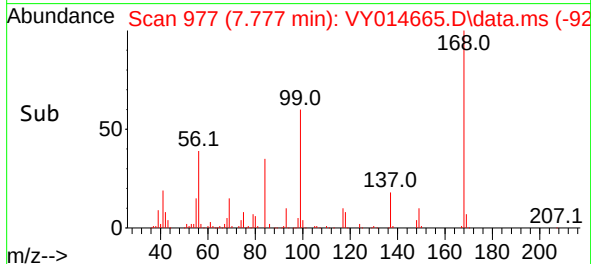
Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBS01



Tgt Ion: 56 Resp: 112452
Ion Ratio Lower Upper
56 100
69 38.8 27.8 41.6
84 92.0 66.4 99.6

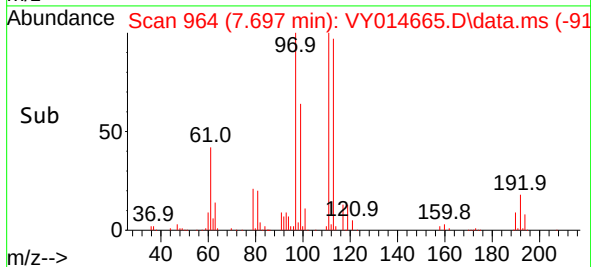
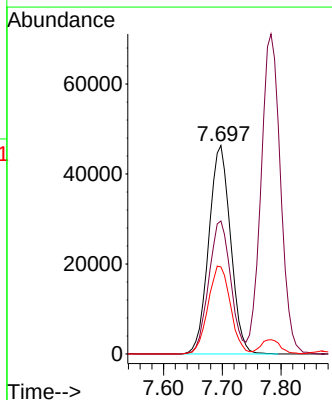
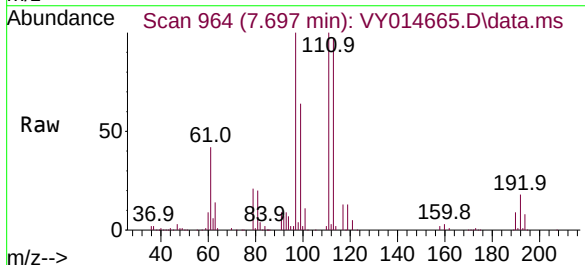
Manual Integrations
APPROVED

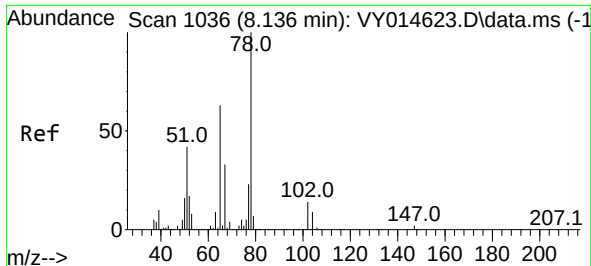
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#32
1,1,1-Trichloroethane
Concen: 21.723 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

Tgt Ion: 97 Resp: 119185
Ion Ratio Lower Upper
97 100
99 64.8 50.8 76.2
61 43.4 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 51.316 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY014665.D

Acq: 17 Jul 2023 12:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0717SBS01

Tgt Ion: 65 Resp: 16996

Ion Ratio Lower Upper

65 100

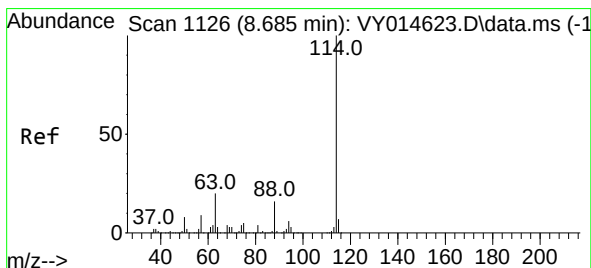
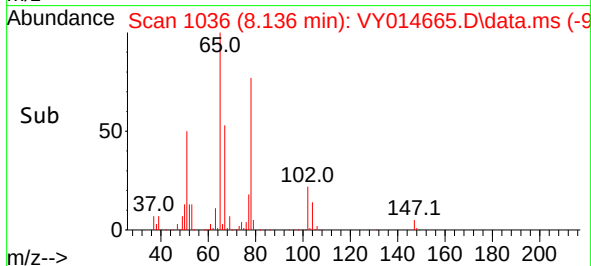
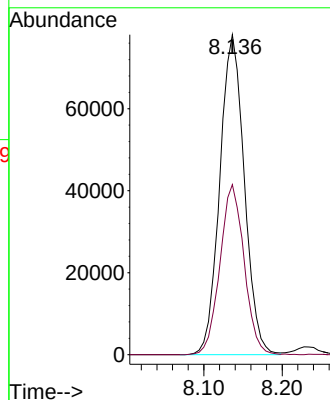
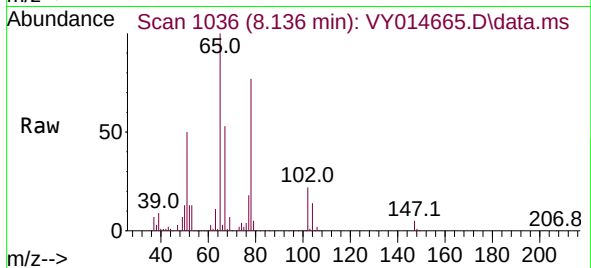
67 52.4 0.0 101.8

Manual Integrations

APPROVED

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: VY014665.D

Acq: 17 Jul 2023 12:23

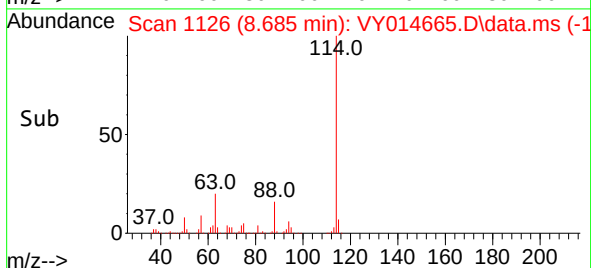
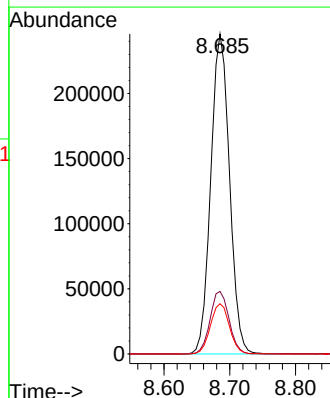
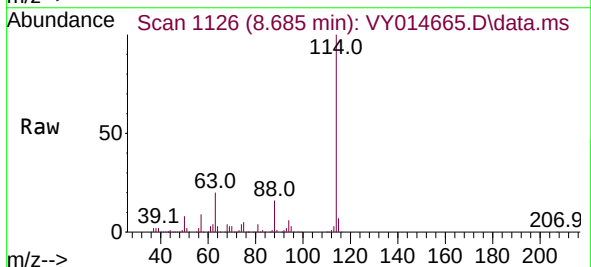
Tgt Ion:114 Resp: 486967

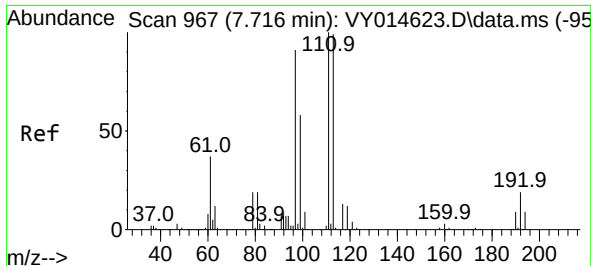
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

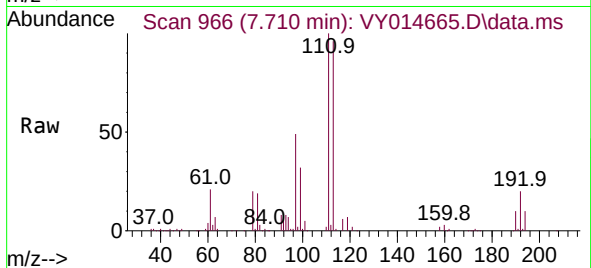
88 15.7 0.0 30.6





#35
Dibromofluoromethane
Concen: 50.013 ug/l
RT: 7.710 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

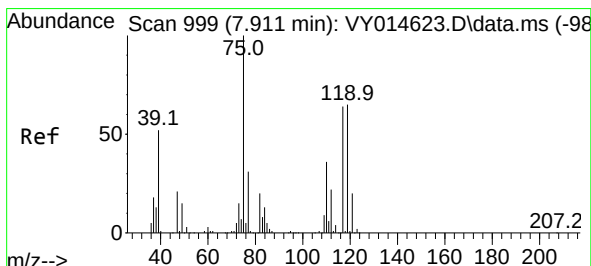
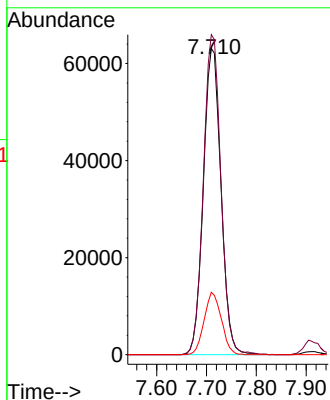
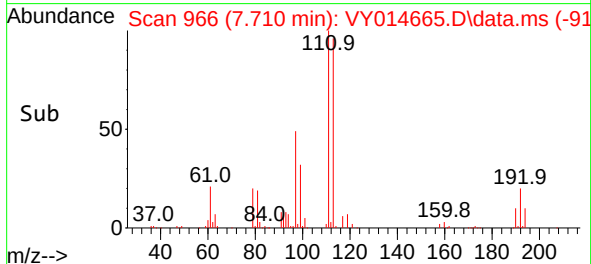
Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBS01



Tgt Ion:113 Resp: 155036
Ion Ratio Lower Upper
113 100
111 103.8 81.3 121.9
192 19.9 16.9 25.3

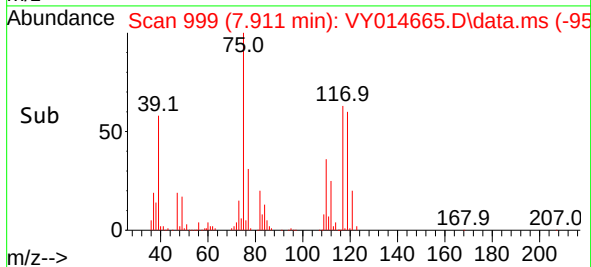
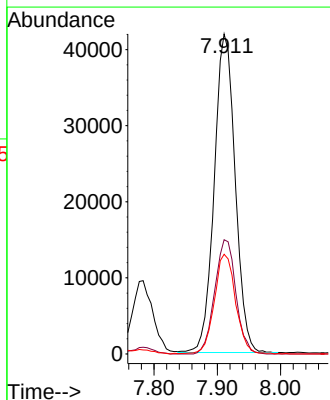
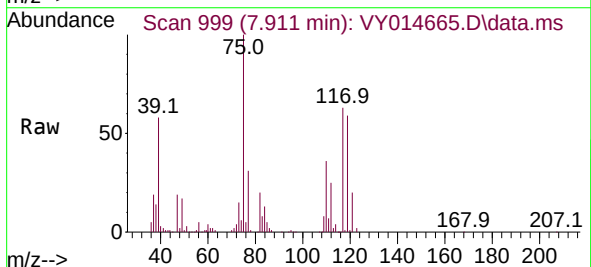
Manual Integrations
APPROVED

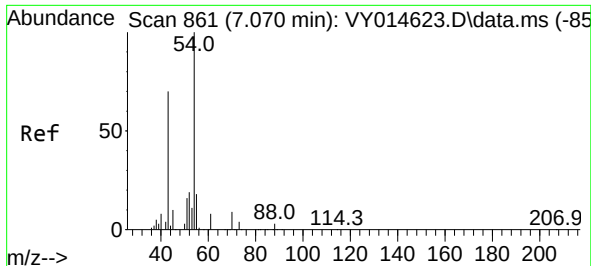
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#36
1,1-Dichloropropene
Concen: 20.738 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

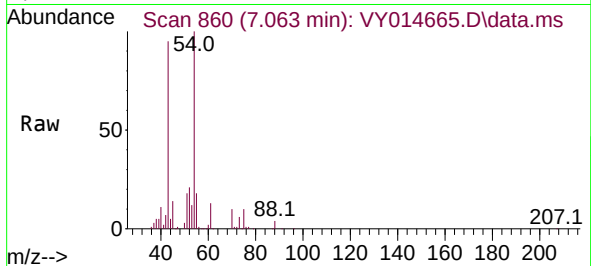
Tgt Ion: 75 Resp: 96136
Ion Ratio Lower Upper
75 100
110 36.1 17.8 53.5
77 32.0 24.4 36.6





#37
Ethyl Acetate
Concen: 24.423 ug/l
RT: 7.063 min Scan# 860
Delta R.T. -0.007 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

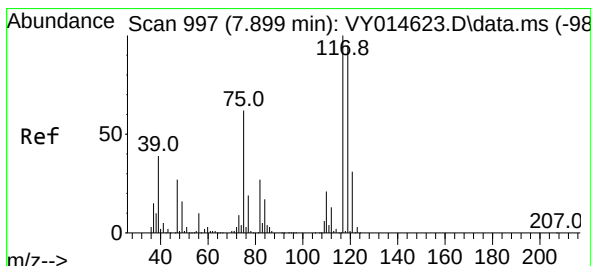
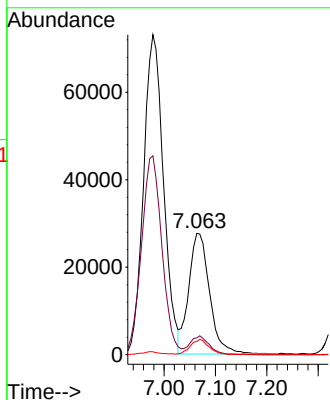
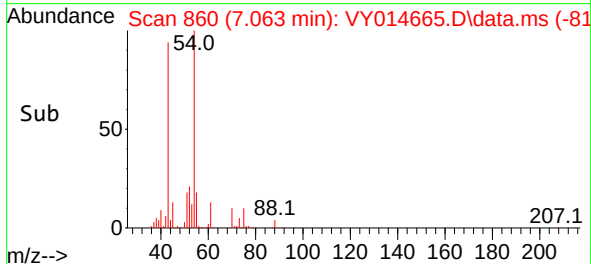
Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBS01



Tgt Ion: 43 Resp: 77952
Ion Ratio Lower Upper
43 100
61 14.7 10.1 15.1
70 10.9 7.1 10.7

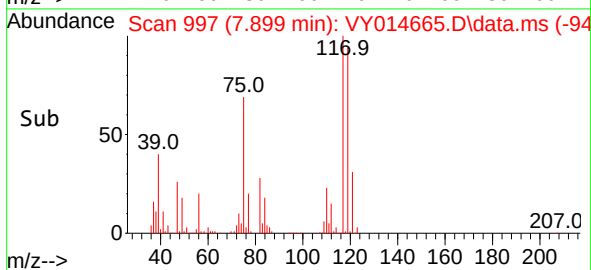
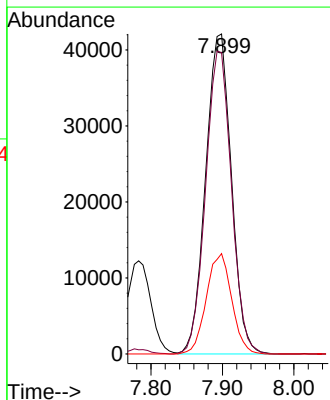
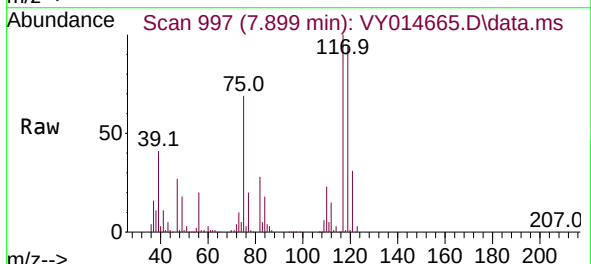
Manual Integrations
APPROVED

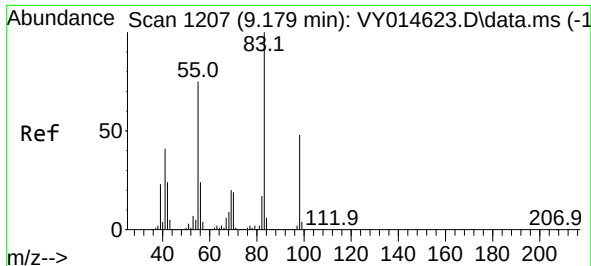
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#38
Carbon Tetrachloride
Concen: 21.544 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

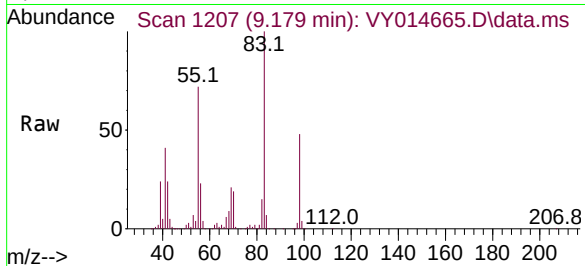
Tgt Ion:117 Resp: 105577
Ion Ratio Lower Upper
117 100
119 94.1 76.4 114.6
121 31.4 25.8 38.6





#39
Methylcyclohexane
Concen: 20.663 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.000 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

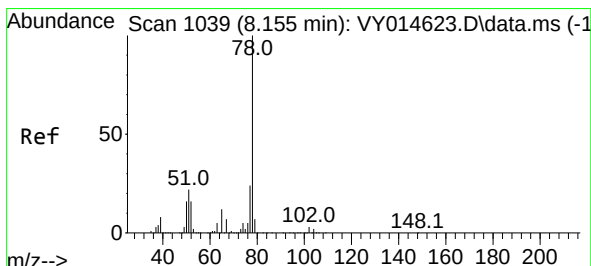
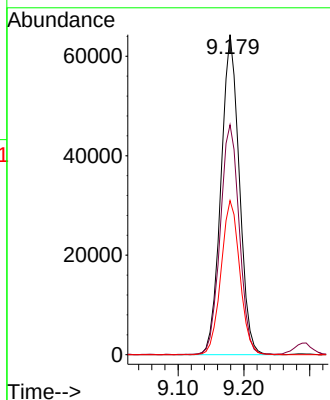
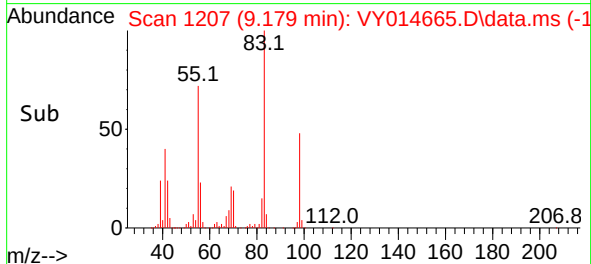
Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBS01



Tgt Ion: 83 Resp: 124790
Ion Ratio Lower Upper
83 100
55 71.7 63.0 94.4
98 48.1 37.4 56.2

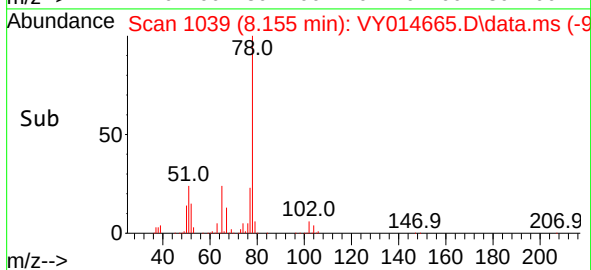
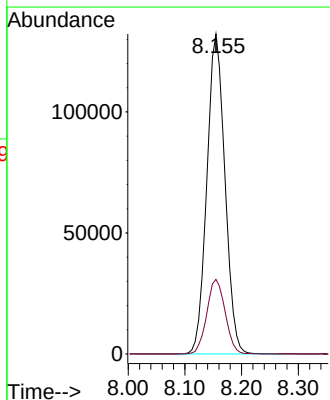
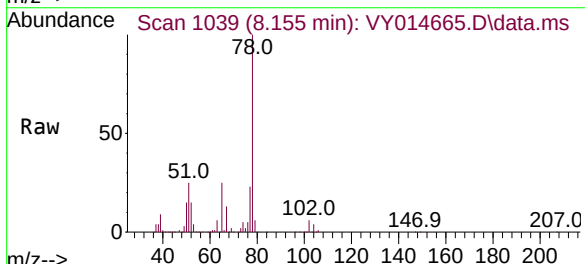
Manual Integrations
APPROVED

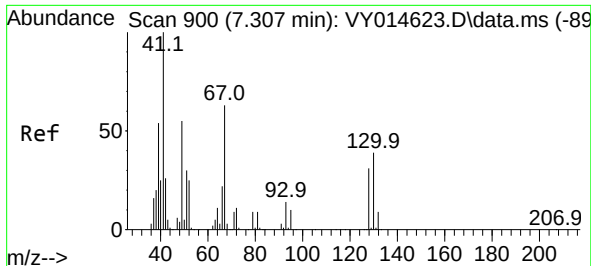
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#40
Benzene
Concen: 22.170 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

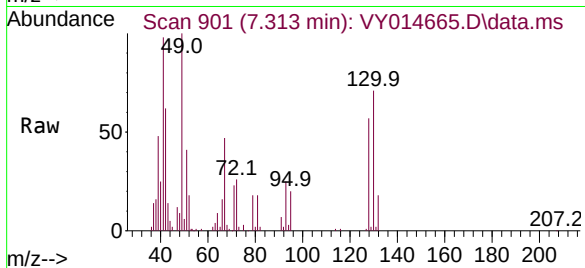
Tgt Ion: 78 Resp: 292302
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.6





#41
Methacrylonitrile
Concen: 22.786 ug/l m
RT: 7.313 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

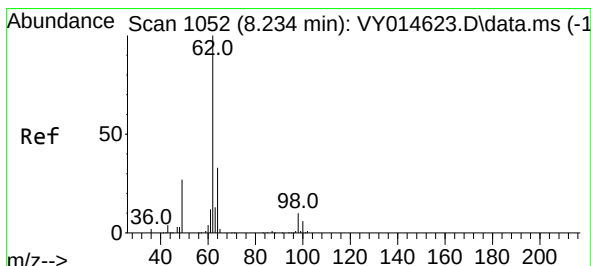
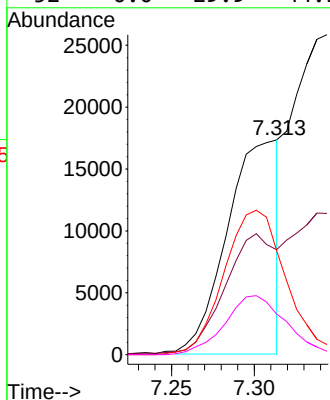
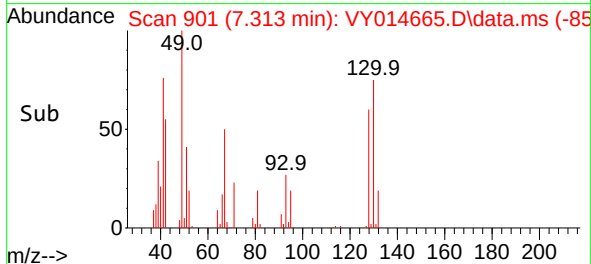
Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBS01



Tgt Ion: 41 Resp: 37408
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

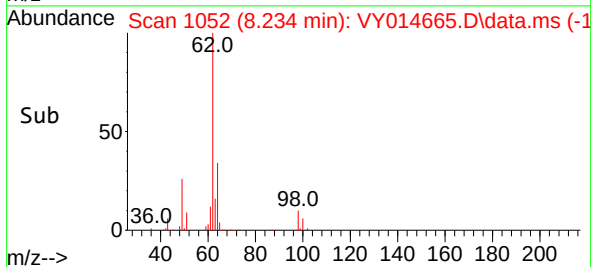
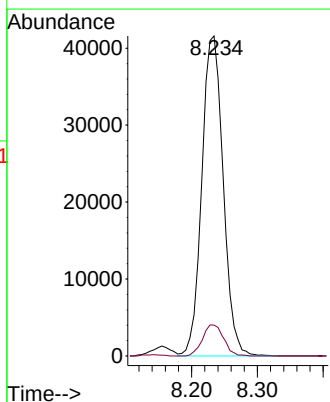
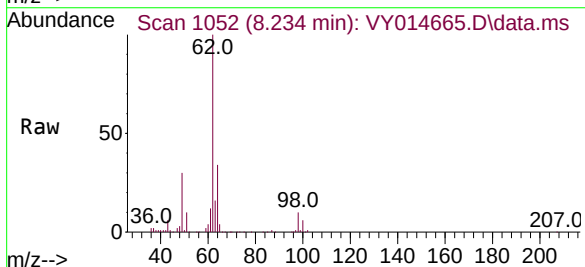
Manual Integrations
APPROVED

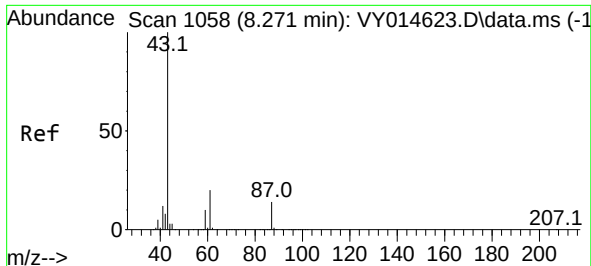
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#42
1,2-Dichloroethane
Concen: 22.541 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

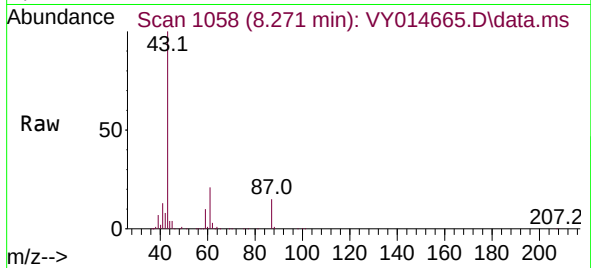
Tgt Ion: 62 Resp: 94114
Ion Ratio Lower Upper
62 100
98 9.6 0.0 15.8





#43
Isopropyl Acetate
Concen: 22.722 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

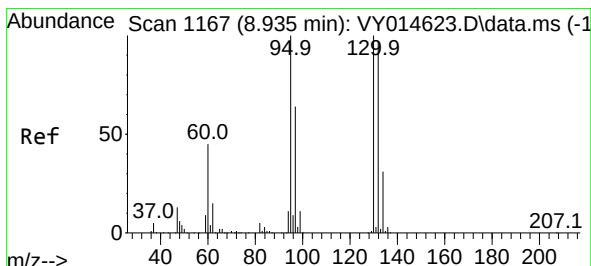
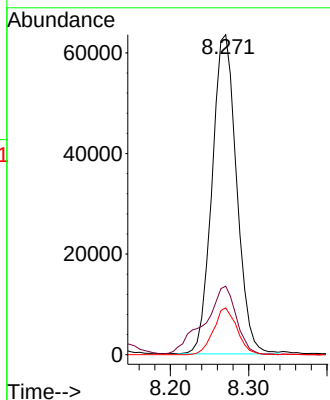
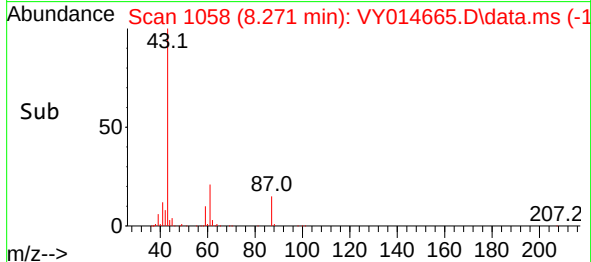
Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBS01



Tgt Ion: 43 Resp: 13814
Ion Ratio Lower Upper
43 100
61 28.2 21.1 31.7
87 14.1 9.8 14.8

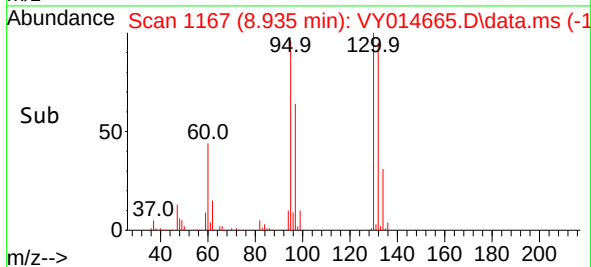
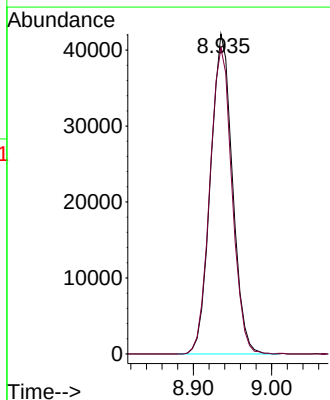
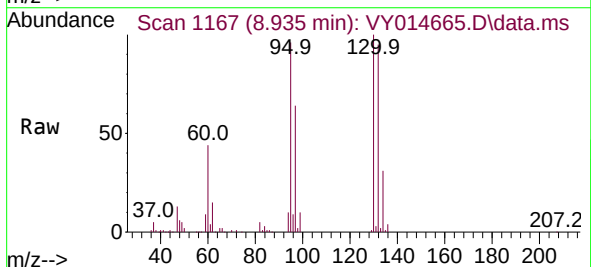
Manual Integrations
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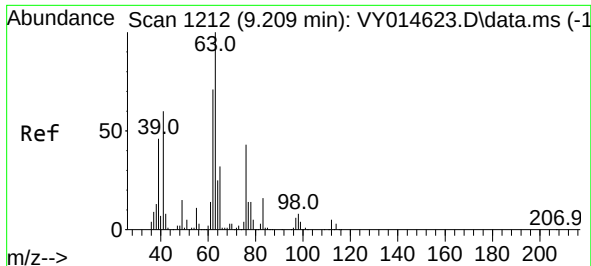
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#44
Trichloroethene
Concen: 22.169 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

Tgt Ion:130 Resp: 81779
Ion Ratio Lower Upper
130 100
95 95.7 0.0 196.0





#45

1,2-Dichloropropane

Concen: 21.811 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY014665.D

Acq: 17 Jul 2023 12:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0717SBS01

Tgt Ion: 63 Resp: 75089

Ion Ratio Lower Upper

63 100

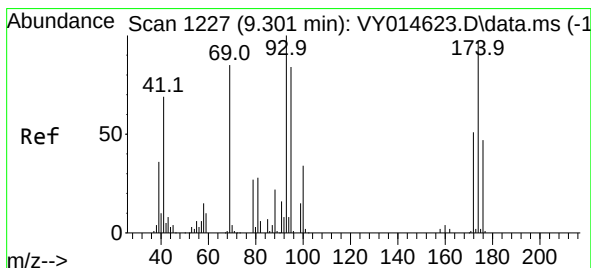
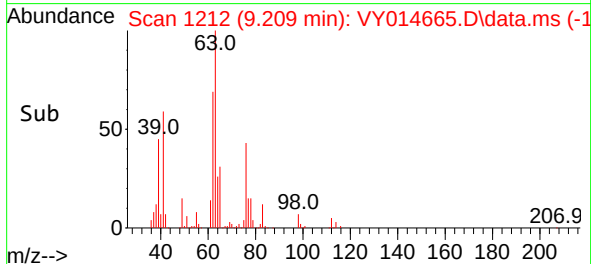
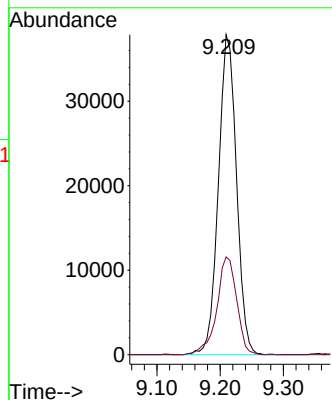
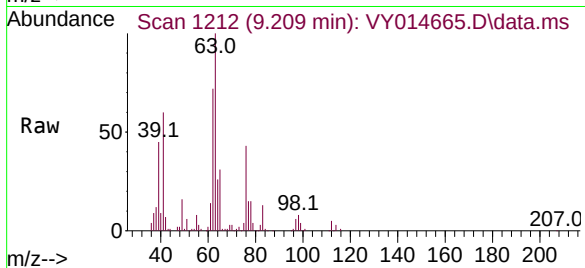
65 30.5 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#46

Dibromomethane

Concen: 22.120 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY014665.D

Acq: 17 Jul 2023 12:23

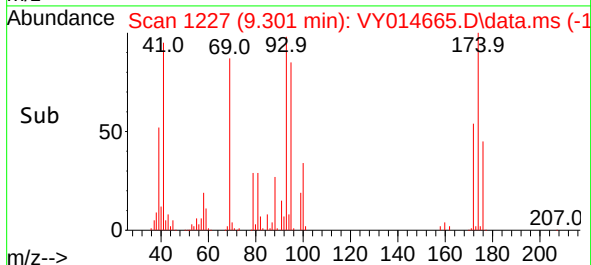
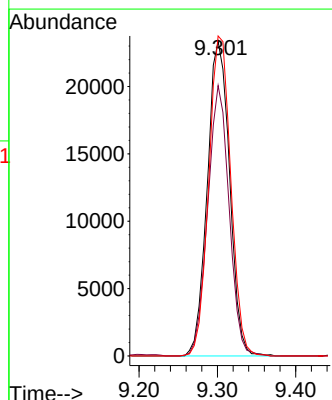
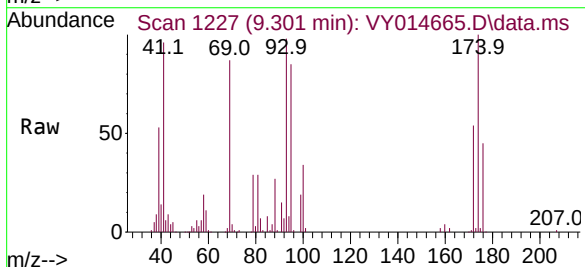
Tgt Ion: 93 Resp: 46200

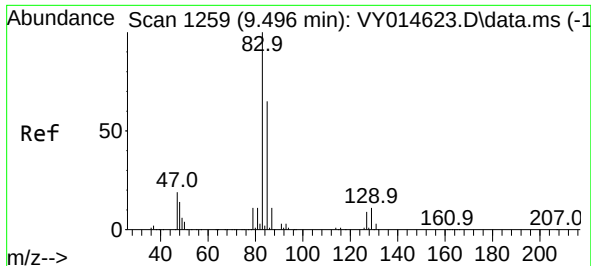
Ion Ratio Lower Upper

93 100

95 82.4 66.6 100.0

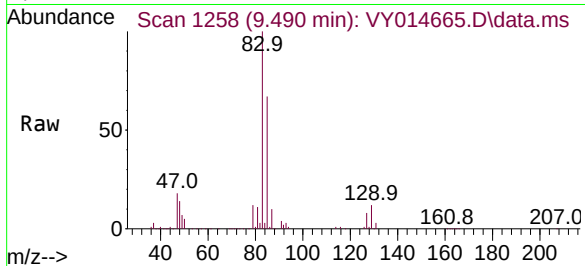
174 100.6 84.8 127.2





#47
Bromodichloromethane
Concen: 21.838 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

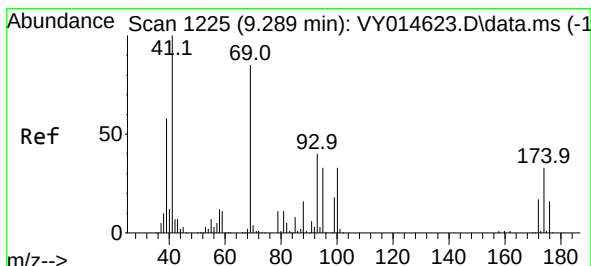
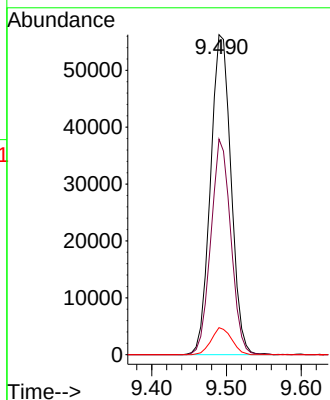
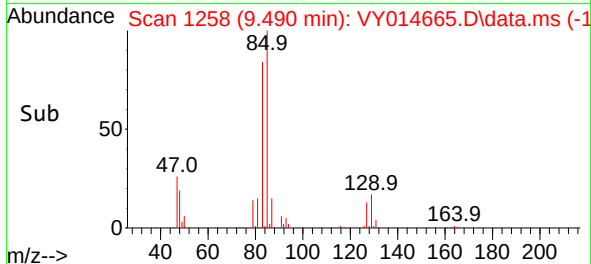
Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBS01



Tgt Ion: 83 Resp: 107500
Ion Ratio Lower Upper
83 100
85 67.4 50.1 75.1
127 8.4 7.1 10.7

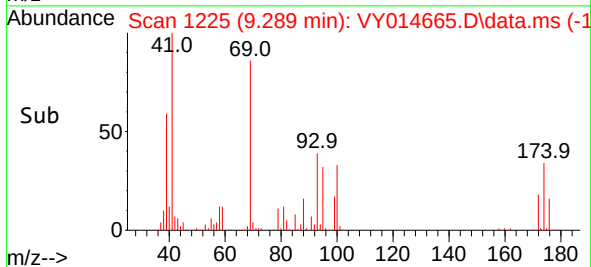
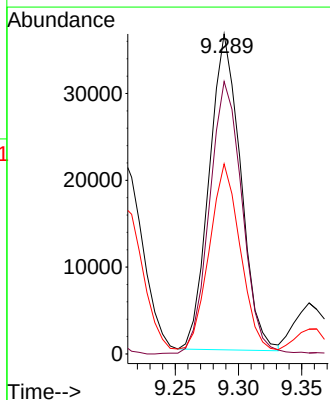
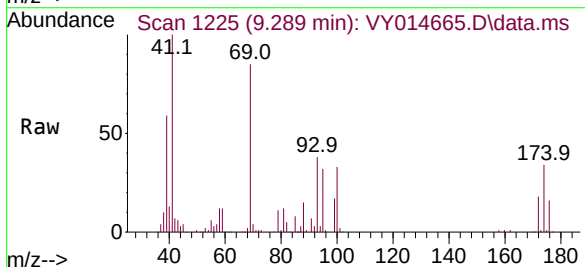
Manual Integrations
APPROVED

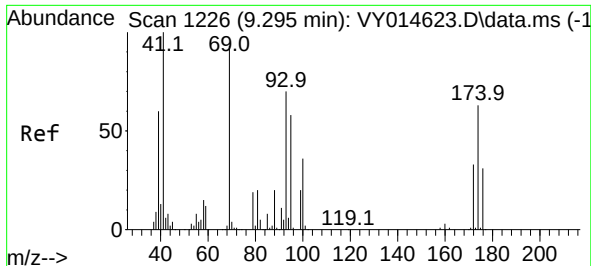
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#48
Methyl methacrylate
Concen: 22.997 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

Tgt Ion: 41 Resp: 62915
Ion Ratio Lower Upper
41 100
69 89.8 64.5 96.7
39 57.6 50.8 76.2





#49

1,4-Dioxane

Concen: 496.625 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY014665.D

Acq: 17 Jul 2023 12:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0717SBS01

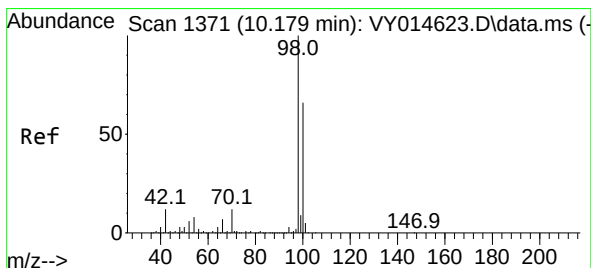
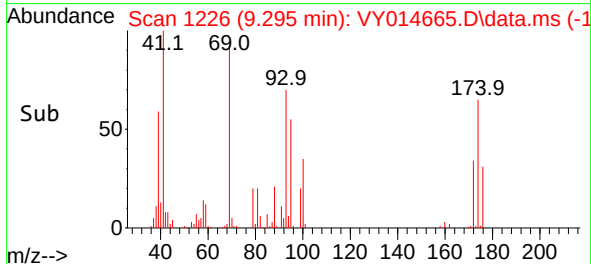
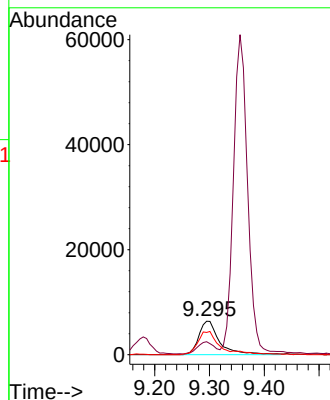
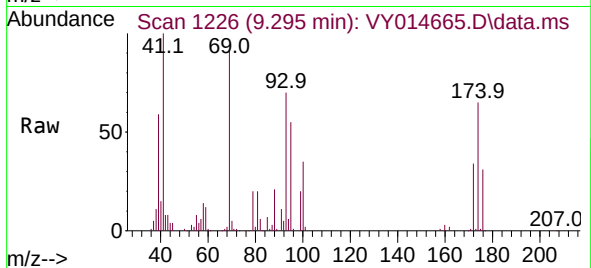
Tgt Ion: 88 Resp: 1691
 Ion Ratio Lower Upper
 88 100
 43 29.6 0.0 0.0
 58 75.0 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#50

Toluene-d8

Concen: 49.649 ug/l

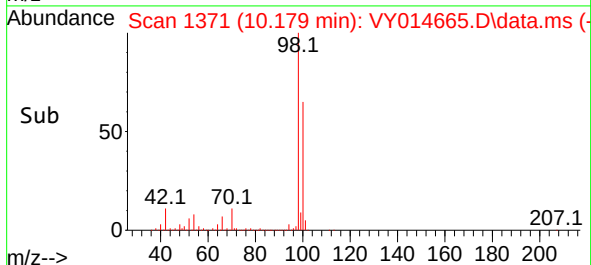
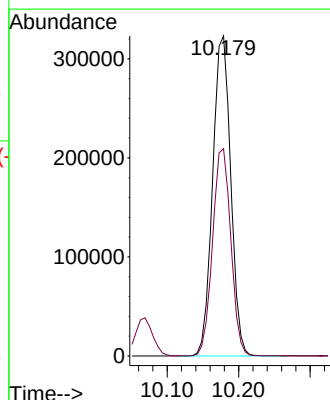
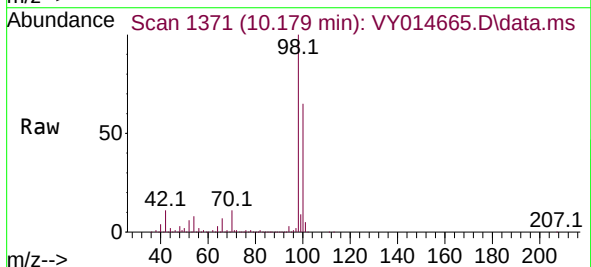
RT: 10.179 min Scan# 1371

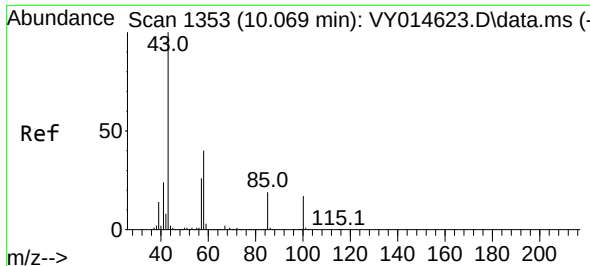
Delta R.T. -0.000 min

Lab File: VY014665.D

Acq: 17 Jul 2023 12:23

Tgt Ion: 98 Resp: 567422
 Ion Ratio Lower Upper
 98 100
 100 65.5 50.1 75.1





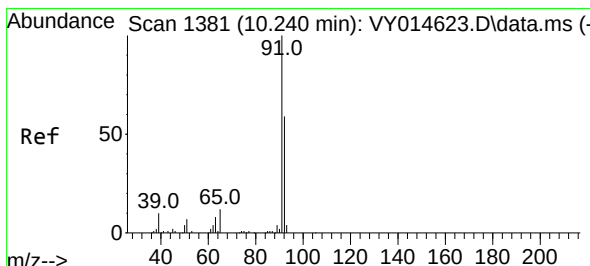
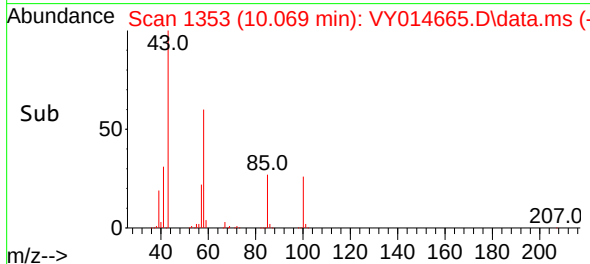
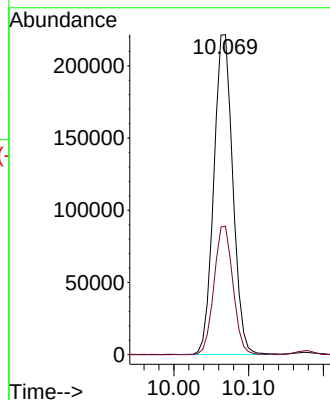
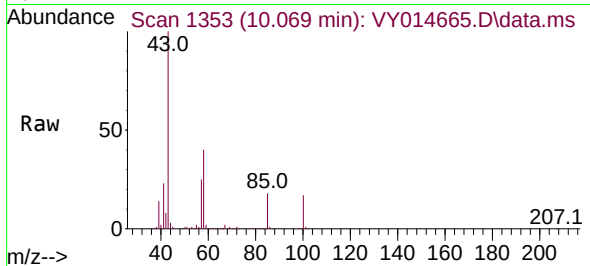
#51
4-Methyl-2-Pentanone
Concen: 122.616 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBS01

Tgt Ion: 43 Resp: 391429
Ion Ratio Lower Upper
43 100
58 40.2 29.0 43.6

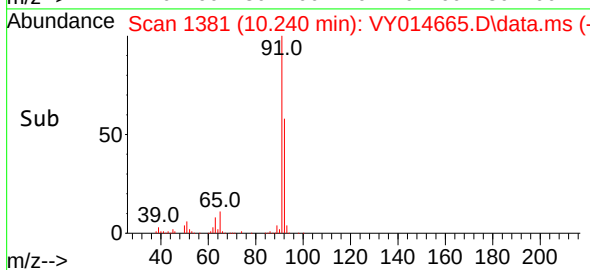
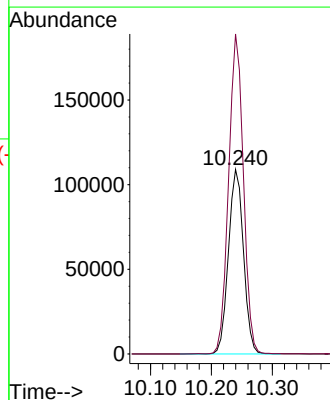
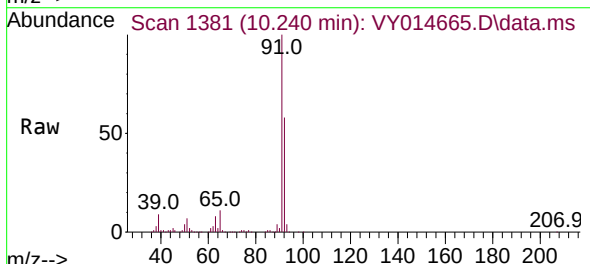
Manual Integrations
APPROVED

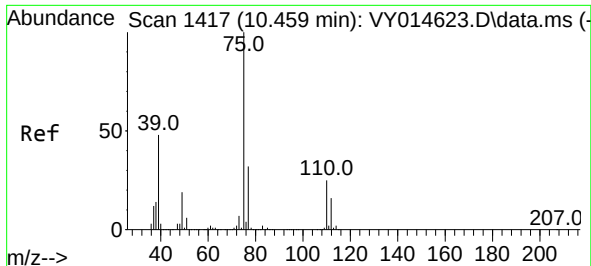
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#52
Toluene
Concen: 22.128 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

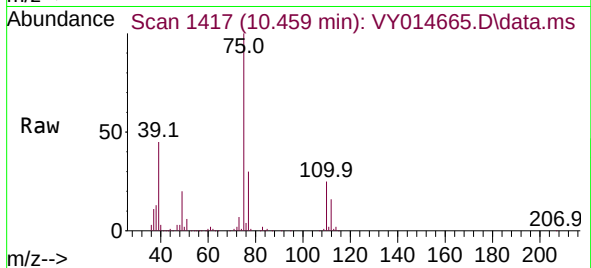
Tgt Ion: 92 Resp: 186689
Ion Ratio Lower Upper
92 100
91 170.3 143.8 215.6





#53
t-1,3-Dichloropropene
Concen: 22.115 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

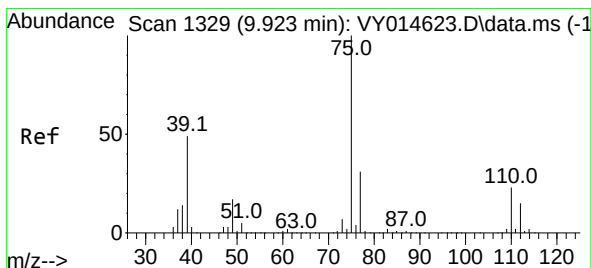
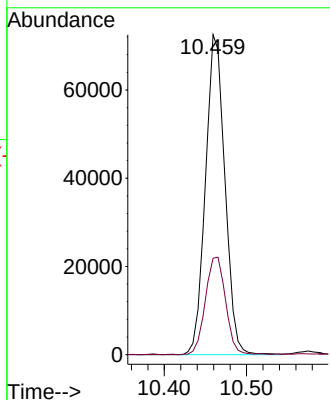
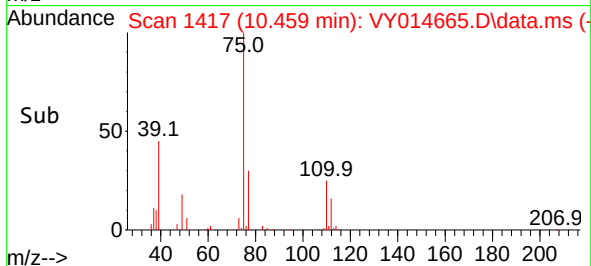
Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBS01



Tgt Ion: 75 Resp: 119075
Ion Ratio Lower Upper
75 100
77 30.1 25.0 37.4

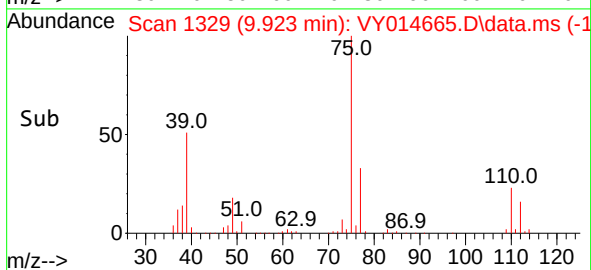
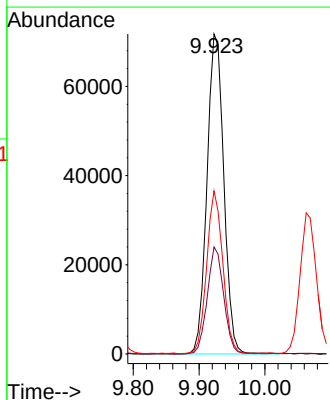
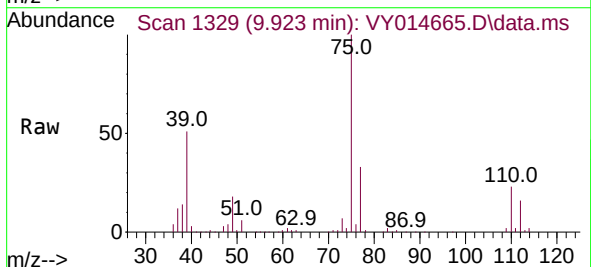
Manual Integrations
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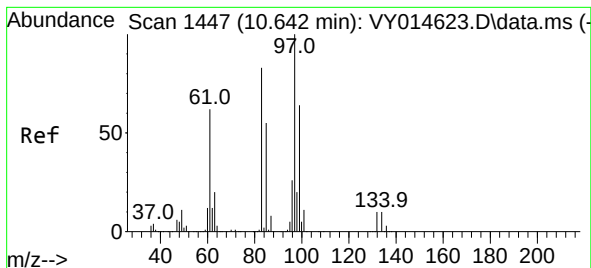
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#54
cis-1,3-Dichloropropene
Concen: 21.835 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

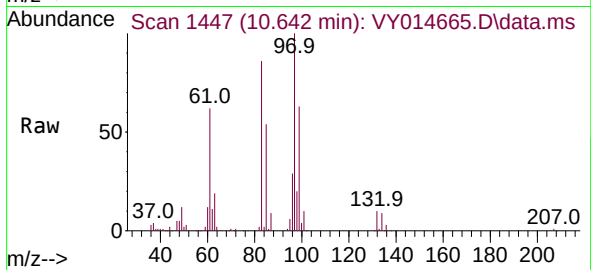
Tgt Ion: 75 Resp: 127855
Ion Ratio Lower Upper
75 100
77 33.4 24.2 36.4
39 50.8 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 22.927 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

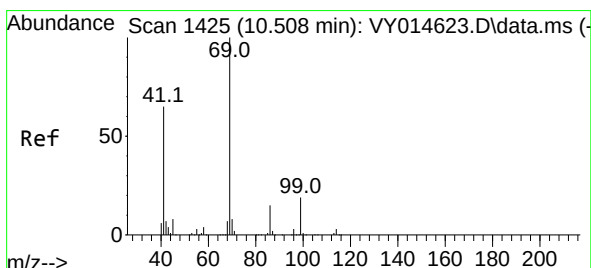
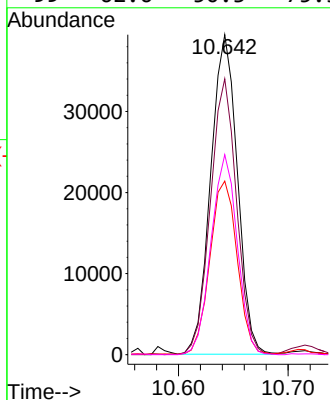
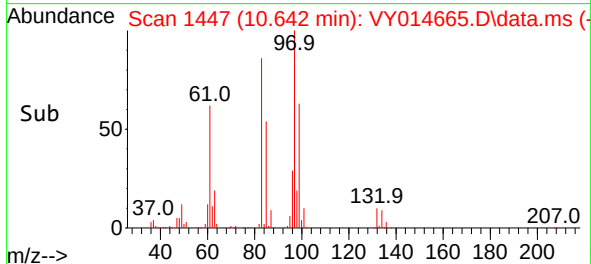
Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBS01



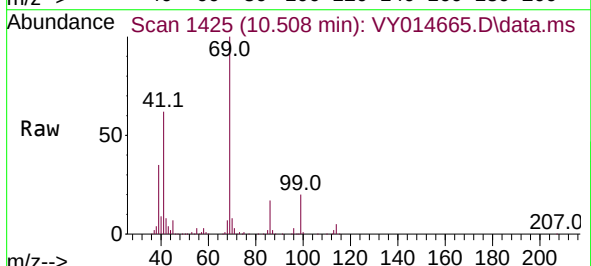
Tgt Ion: 97 Resp: 6670
Ion Ratio Lower Upper
97 100
83 86.2 72.0 108.0
85 54.2 45.4 68.0
99 62.6 50.3 75.5

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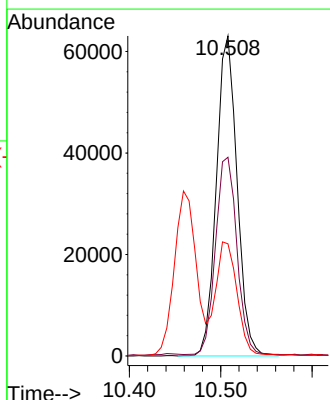
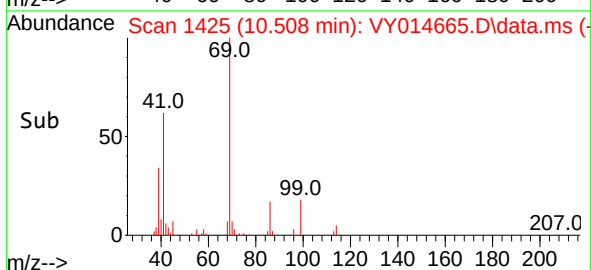
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

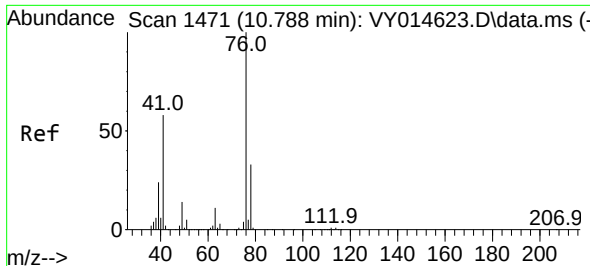


#56
Ethyl methacrylate
Concen: 22.408 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23



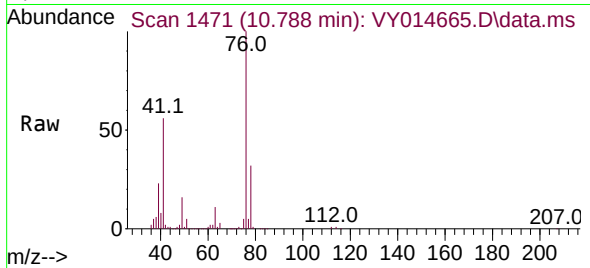
Tgt Ion: 69 Resp: 99538
Ion Ratio Lower Upper
69 100
41 63.8 57.6 86.4
39 36.3 34.1 51.1





#57
1,3-Dichloropropane
Concen: 21.995 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

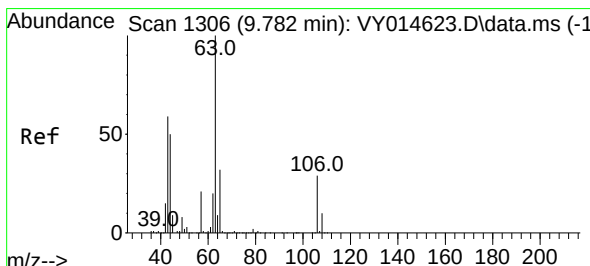
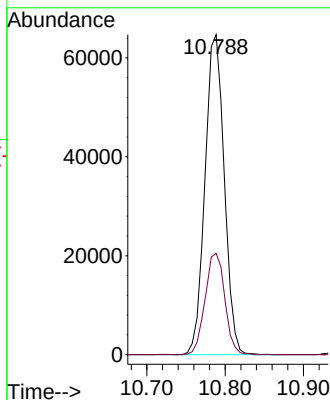
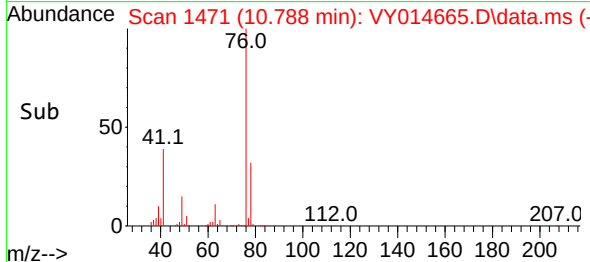
Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBS01



Tgt Ion: 76 Resp: 11037
Ion Ratio Lower Upper
76 100
78 32.4 25.3 37.9

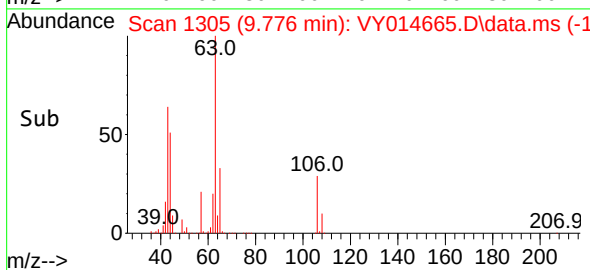
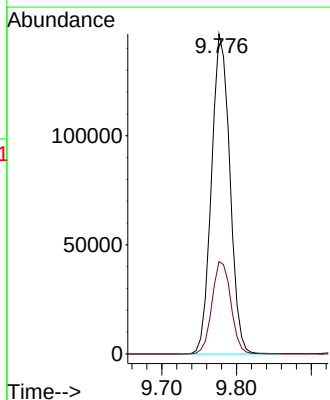
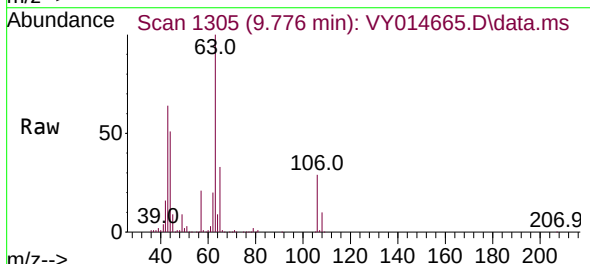
Manual Integrations
APPROVED

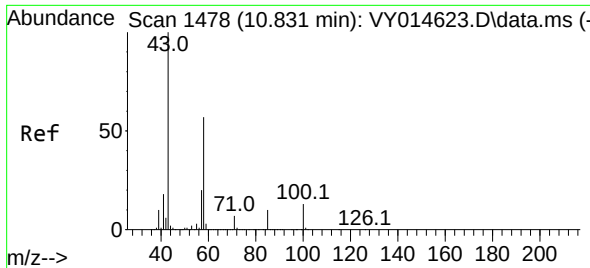
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#58
2-Chloroethyl Vinyl ether
Concen: 121.078 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. -0.006 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

Tgt Ion: 63 Resp: 250598
Ion Ratio Lower Upper
63 100
106 29.6 21.2 31.8





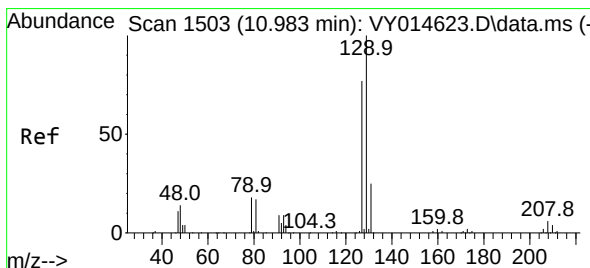
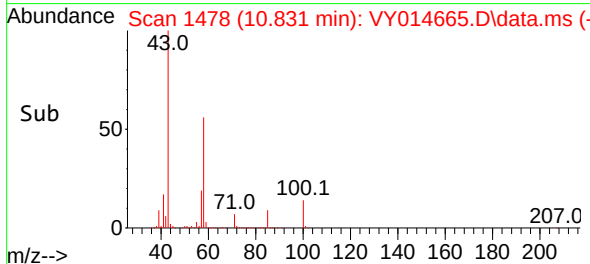
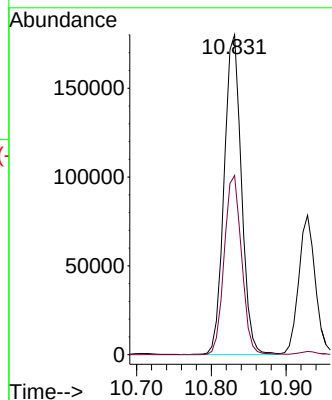
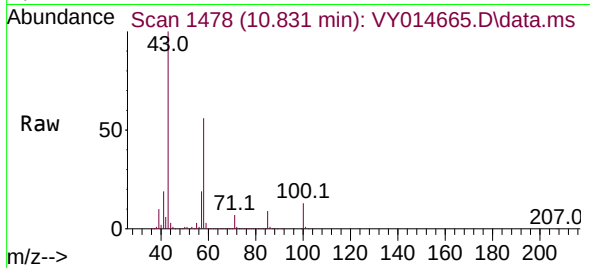
#59
2-Hexanone
Concen: 124.444 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBS01

Tgt Ion: 43 Resp: 28970
Ion Ratio Lower Upper
43 100
58 56.4 25.1 75.3

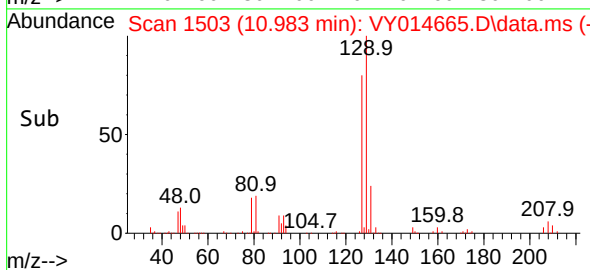
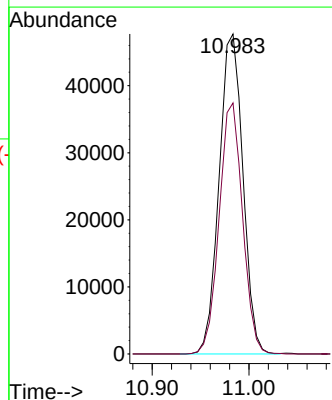
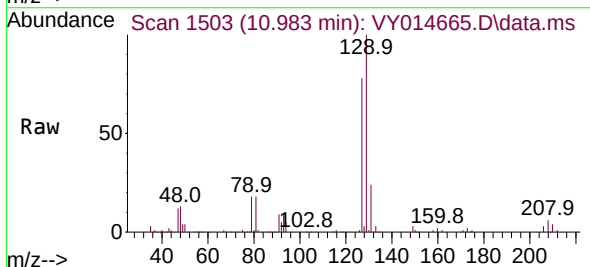
Manual Integrations
APPROVED

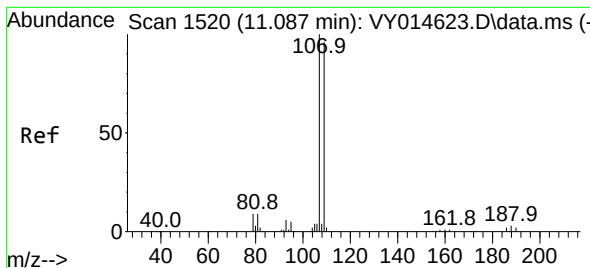
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#60
Dibromochloromethane
Concen: 22.839 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

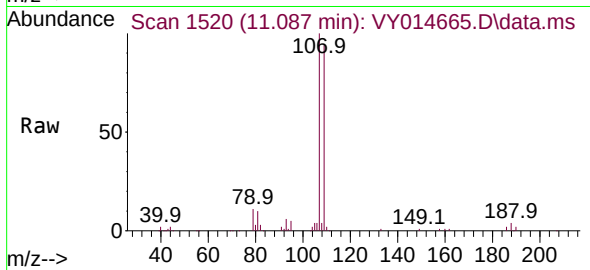
Tgt Ion:129 Resp: 81466
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5





#61
1,2-Dibromoethane
Concen: 23.359 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

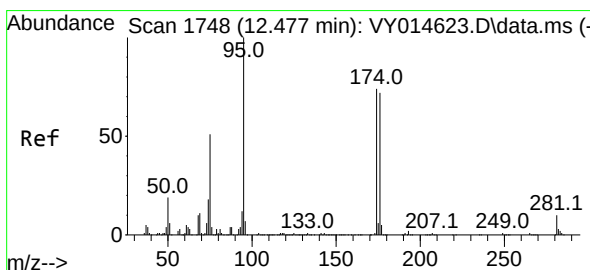
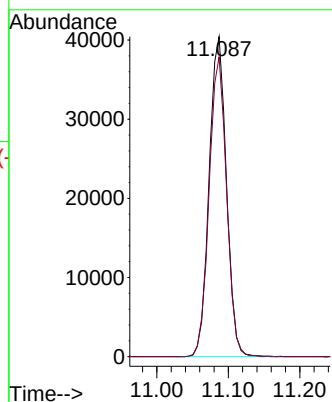
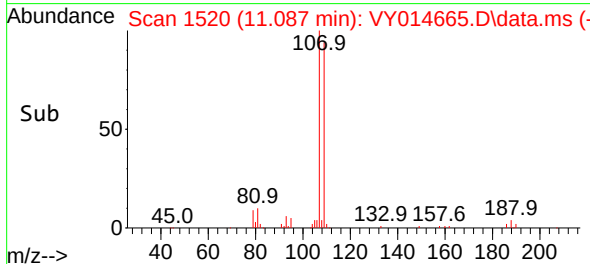
Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBS01



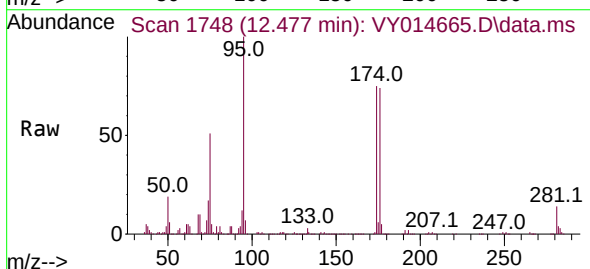
Tgt Ion:107 Resp: 67790
Ion Ratio Lower Upper
107 100
109 94.4 75.6 113.4

Manual Integrations
APPROVED

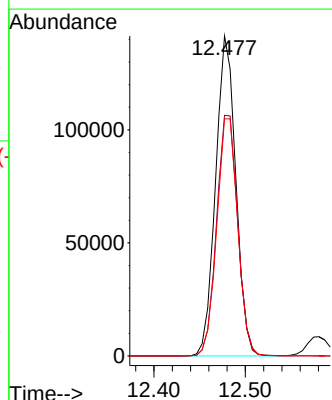
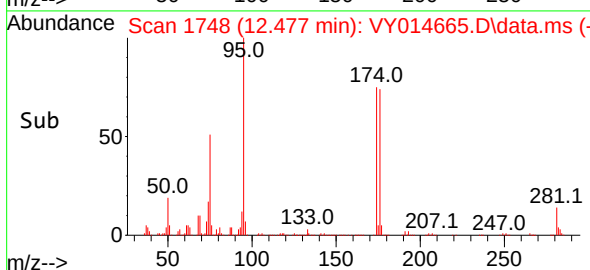
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

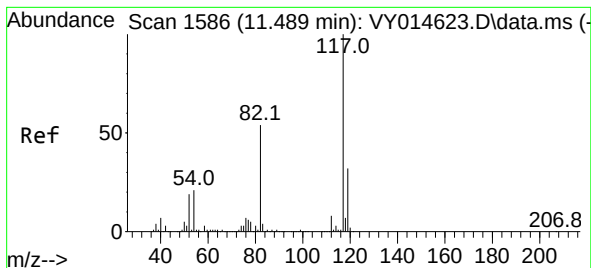


#62
4-Bromofluorobenzene
Concen: 49.567 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23



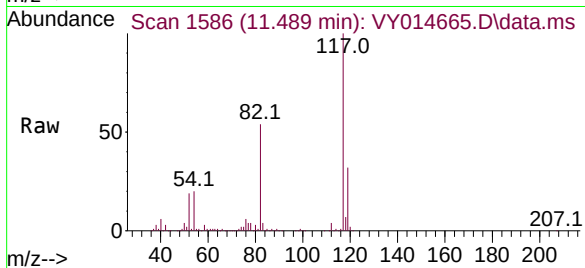
Tgt Ion: 95 Resp: 217212
Ion Ratio Lower Upper
95 100
174 78.7 0.0 178.2
176 77.0 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

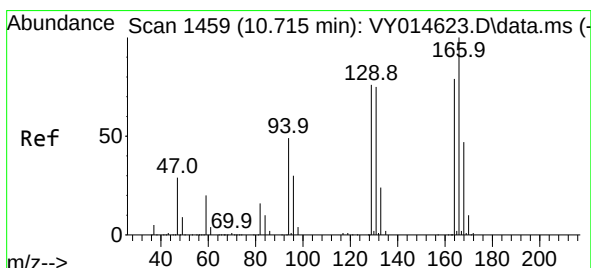
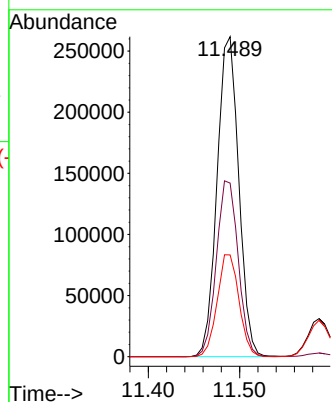
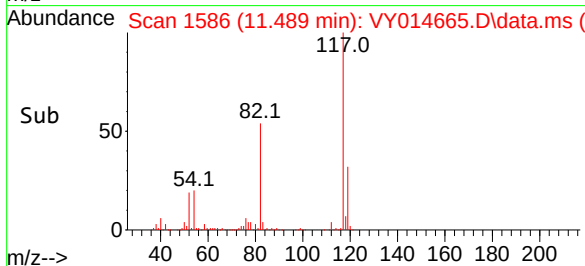
Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBS01



Tgt Ion:117 Resp: 431608
Ion Ratio Lower Upper
117 100
82 54.3 43.4 65.0
119 31.8 26.3 39.5

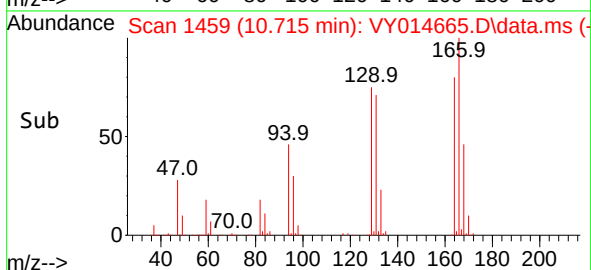
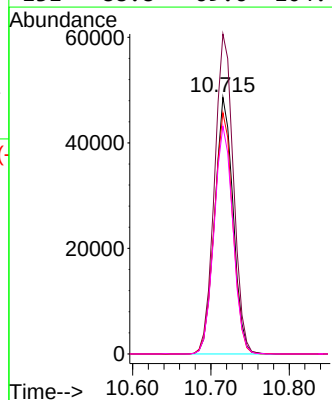
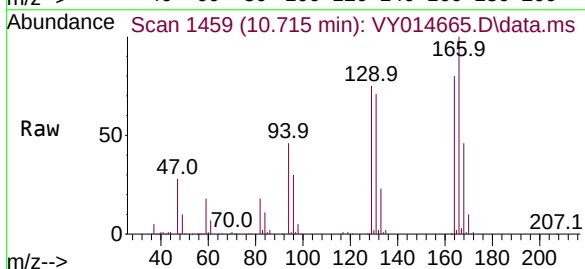
Manual Integrations
APPROVED

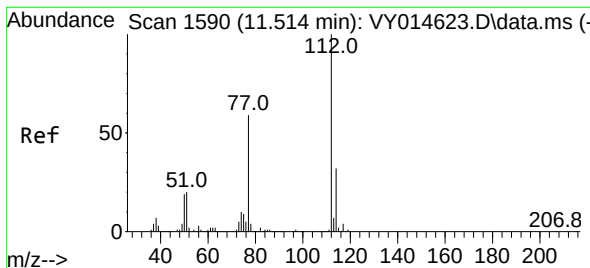
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#64
Tetrachloroethene
Concen: 22.906 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

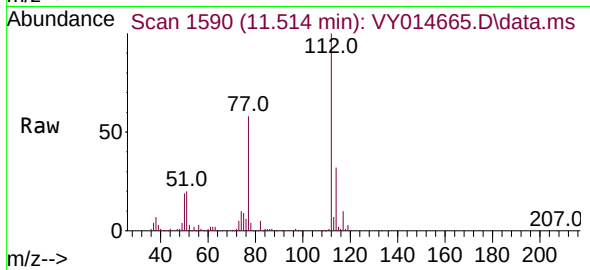
Tgt Ion:164 Resp: 79513
Ion Ratio Lower Upper
164 100
166 124.7 103.0 154.6
129 94.0 77.2 115.8
131 88.8 69.6 104.4





#65
Chlorobenzene
Concen: 21.982 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

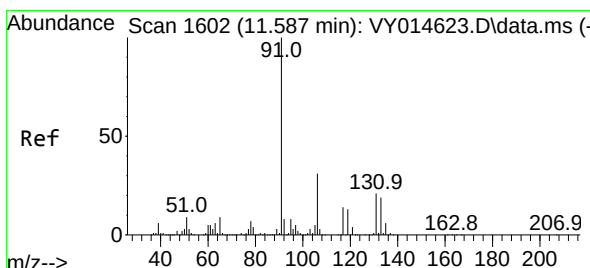
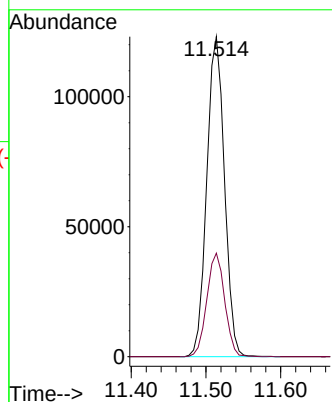
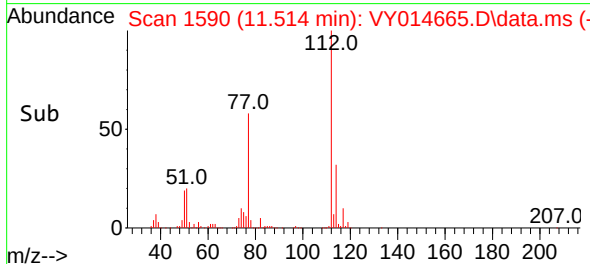
Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBS01



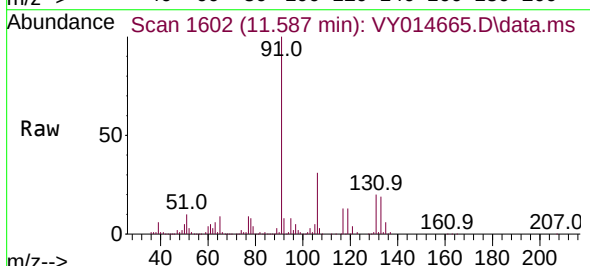
Tgt Ion:112 Resp: 202170
Ion Ratio Lower Upper
112 100
114 32.4 25.5 38.3

Manual Integrations
APPROVED

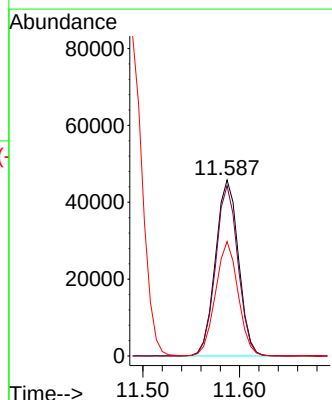
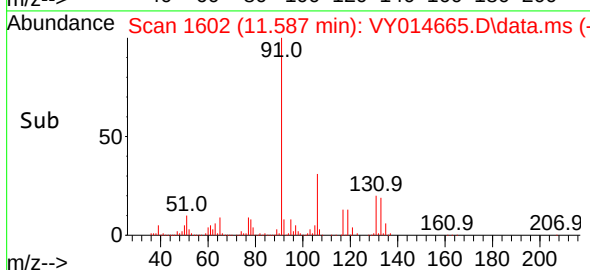
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

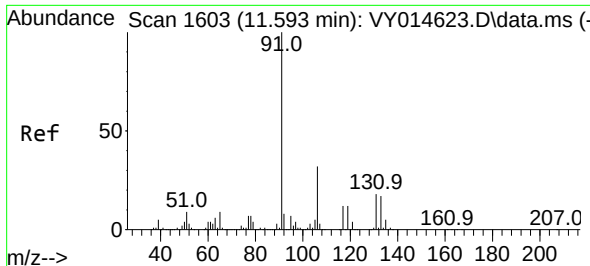


#66
1,1,1,2-Tetrachloroethane
Concen: 21.809 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23



Tgt Ion:131 Resp: 75630
Ion Ratio Lower Upper
131 100
133 94.3 47.5 142.6
119 64.0 31.6 94.7





#67

Ethyl Benzene

Concen: 22.090 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY014665.D

Acq: 17 Jul 2023 12:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0717SBS01

Tgt Ion: 91 Resp: 366824

Ion Ratio Lower Upper

91 100

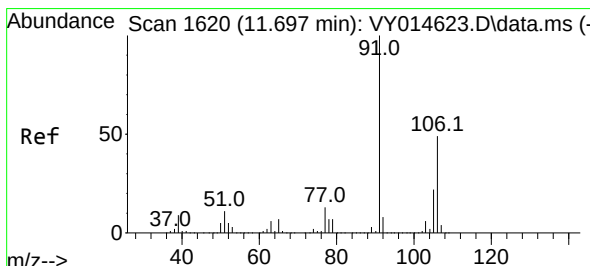
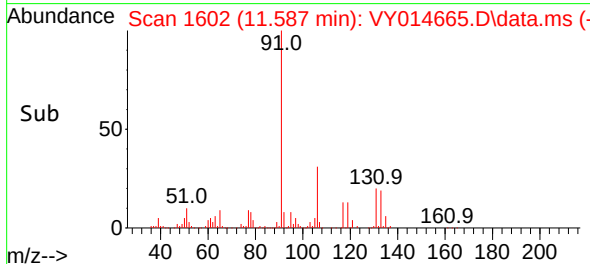
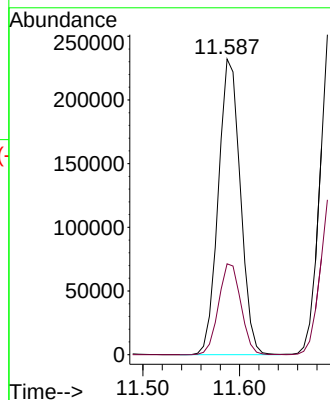
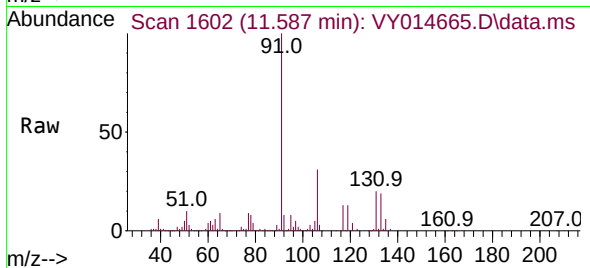
106 30.7 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#68

m/p-Xylenes

Concen: 43.000 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY014665.D

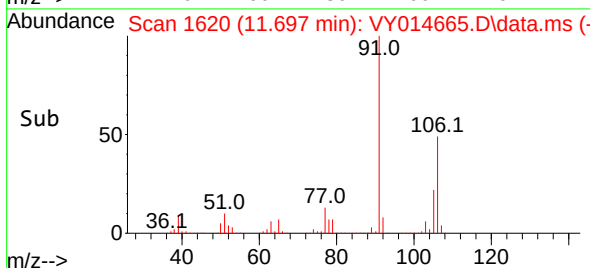
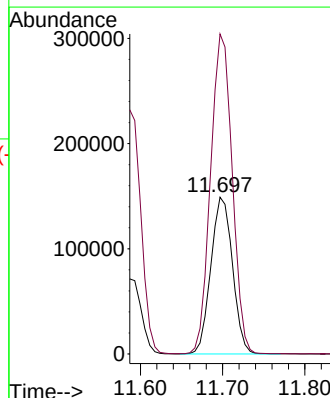
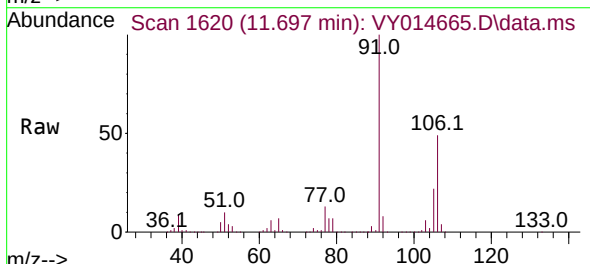
Acq: 17 Jul 2023 12:23

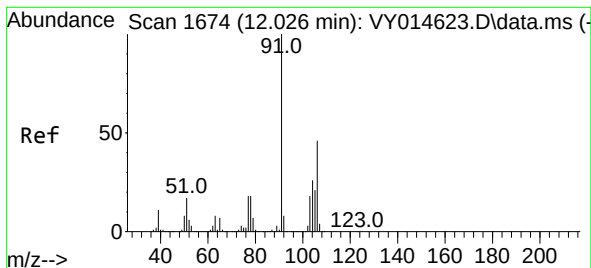
Tgt Ion:106 Resp: 272575

Ion Ratio Lower Upper

106 100

91 204.7 166.1 249.1





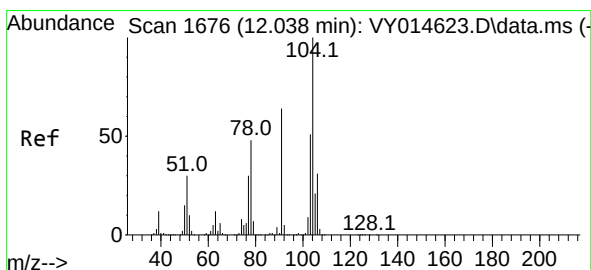
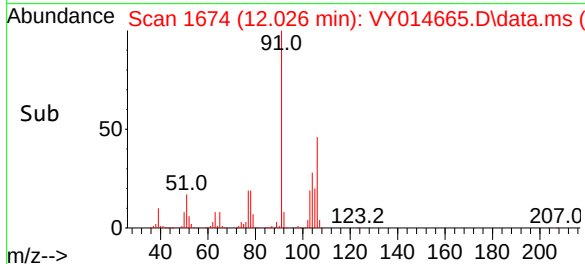
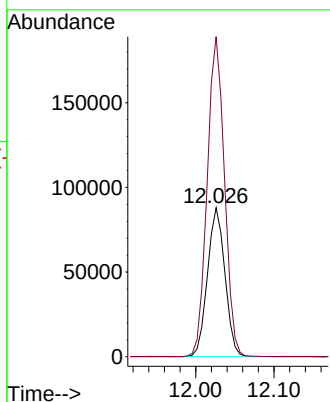
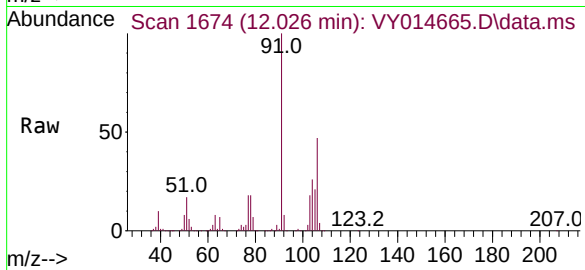
#69
o-Xylene
Concen: 22.019 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBS01

Tgt Ion:106 Resp: 135952
Ion Ratio Lower Upper
106 100
91 213.1 108.1 324.3

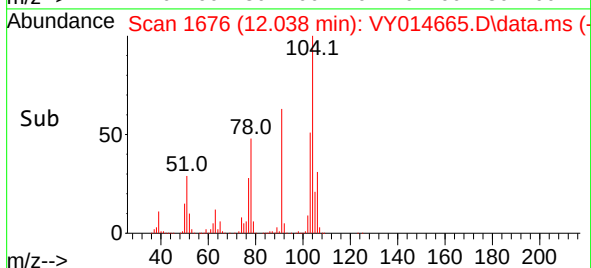
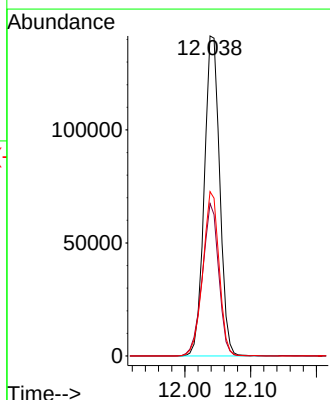
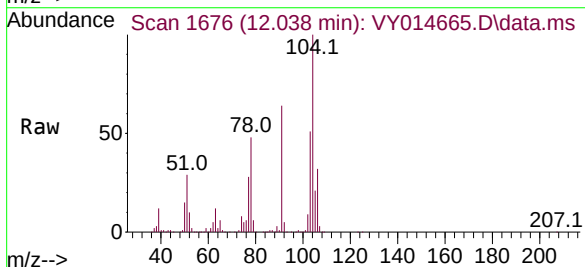
Manual Integrations
APPROVED

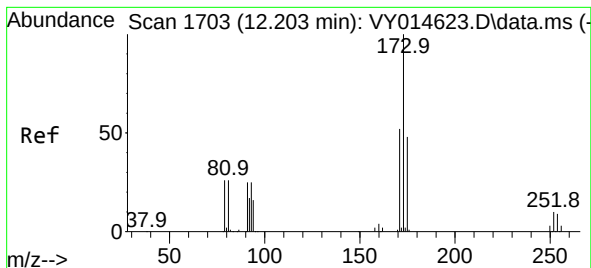
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#70
Styrene
Concen: 22.212 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

Tgt Ion:104 Resp: 231140
Ion Ratio Lower Upper
104 100
78 50.3 41.5 62.3
103 54.0 44.6 67.0





#71

Bromoform

Concen: 23.570 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014665.D

Acq: 17 Jul 2023 12:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0717SBS01

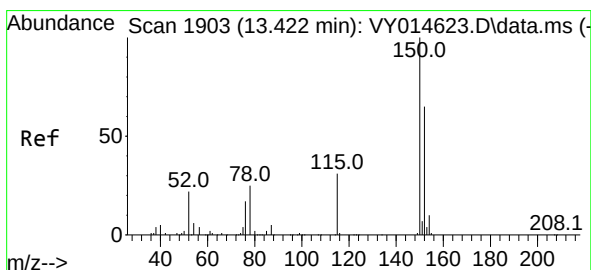
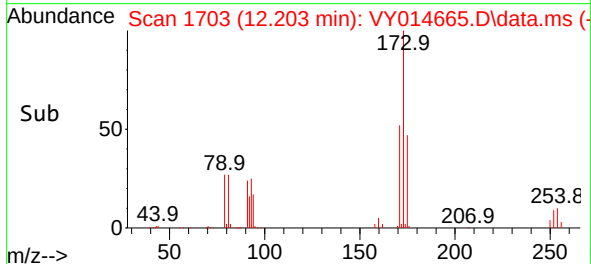
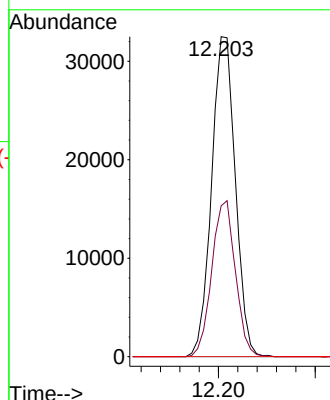
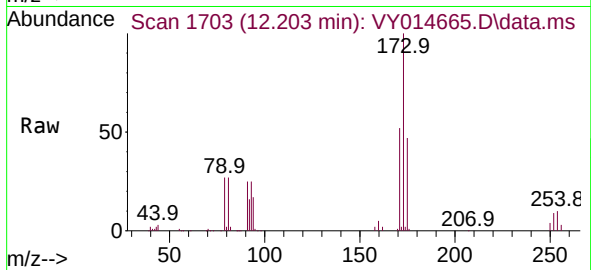
Tgt Ion:173	Resp:	55404
Ion Ratio	Lower	Upper
173	100	
175	48.5	24.6 73.8
254	0.0	0.2 0.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

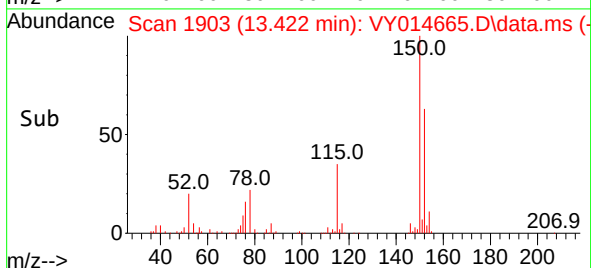
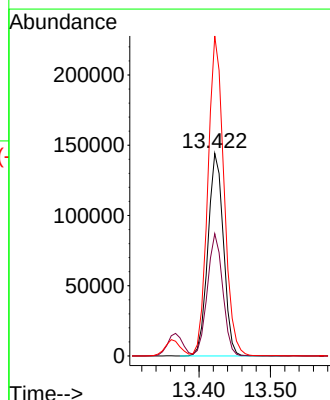
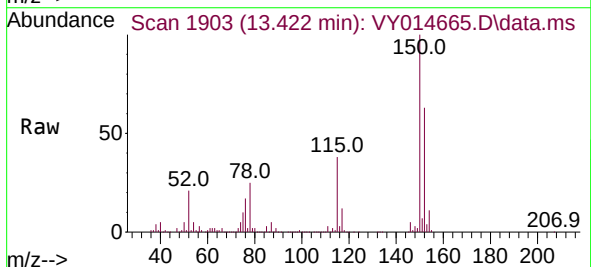
RT: 13.422 min Scan# 1903

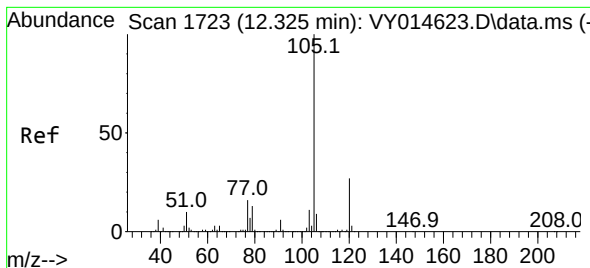
Delta R.T. 0.000 min

Lab File: VY014665.D

Acq: 17 Jul 2023 12:23

Tgt Ion:152	Resp:	217159
Ion Ratio	Lower	Upper
152	100	
115	59.5	28.8 86.5
150	163.9	0.0 348.8





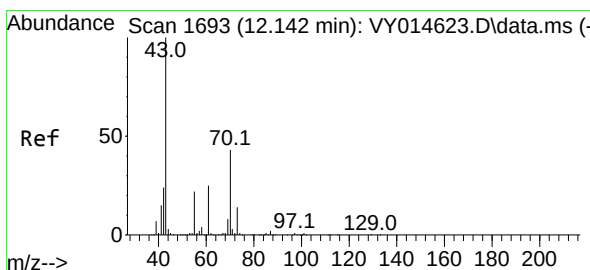
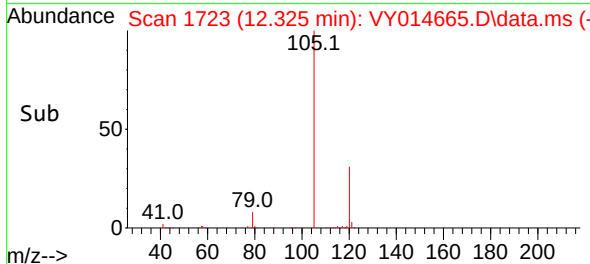
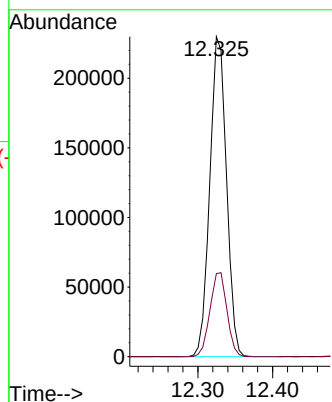
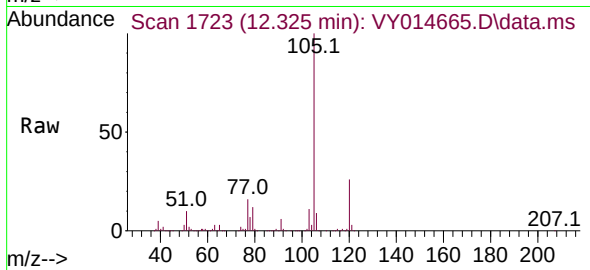
#73
Isopropylbenzene
Concen: 20.963 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBS01

Tgt Ion: 105 Resp: 35644
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9

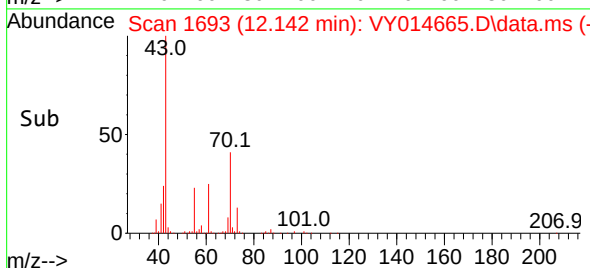
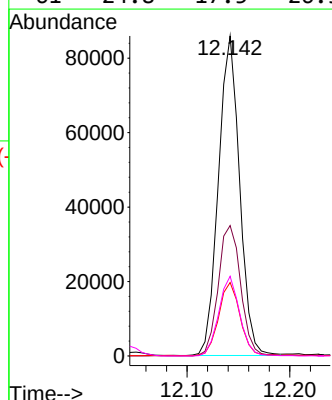
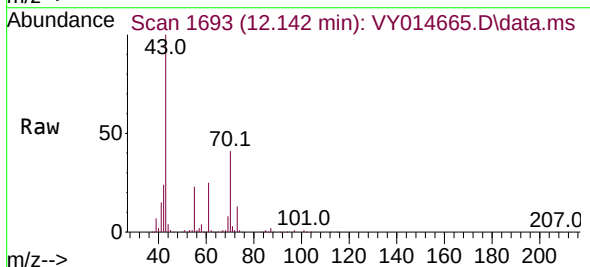
Manual Integrations
APPROVED

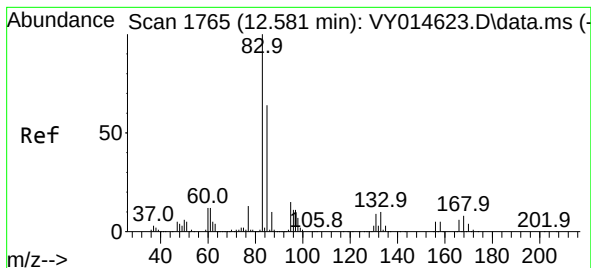
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#74
N-ethyl acetate
Concen: 21.533 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

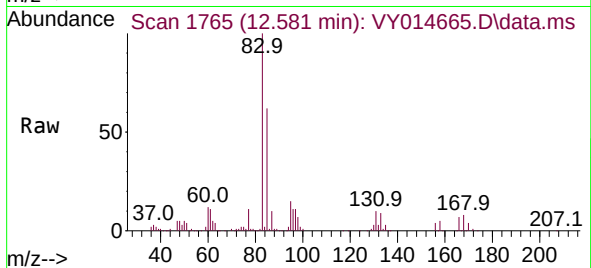
Tgt Ion: 43 Resp: 122629
Ion Ratio Lower Upper
43 100
70 43.4 29.7 44.5
55 23.0 18.3 27.5
61 24.8 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 22.450 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

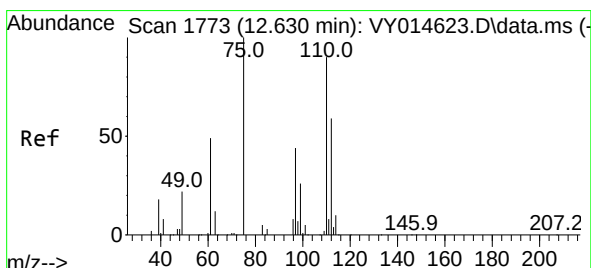
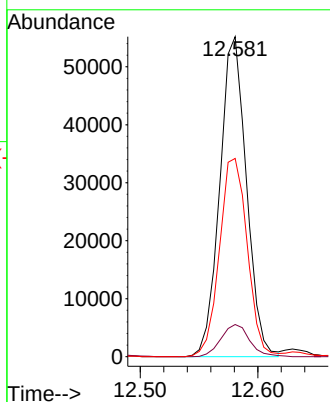
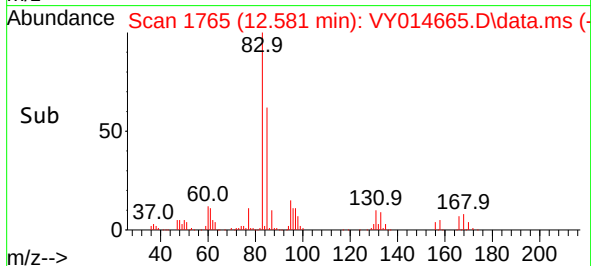
Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBS01



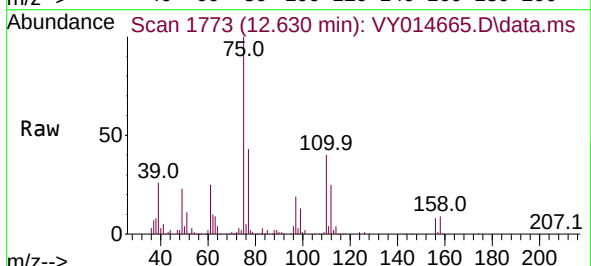
Tgt Ion: 83 Resp: 8705
Ion Ratio Lower Upper
83 100
131 10.8 5.4 16.2
85 64.6 31.8 95.4

Manual Integrations
APPROVED

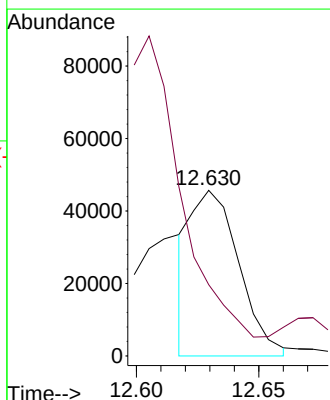
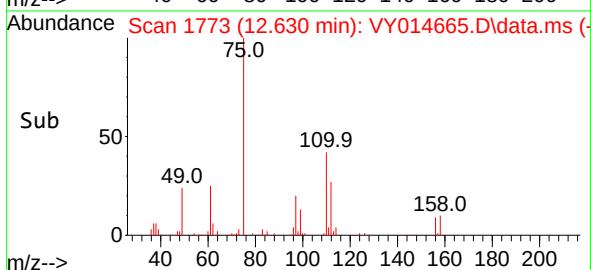
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

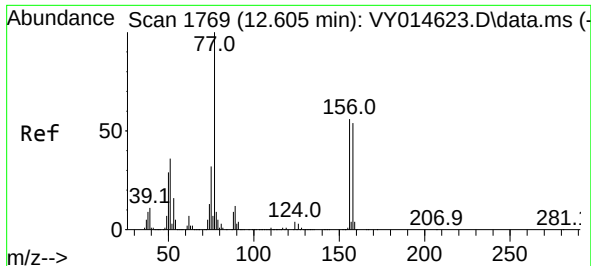


#76
1,2,3-Trichloropropane
Concen: 22.868 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23



Tgt Ion: 75 Resp: 62720
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





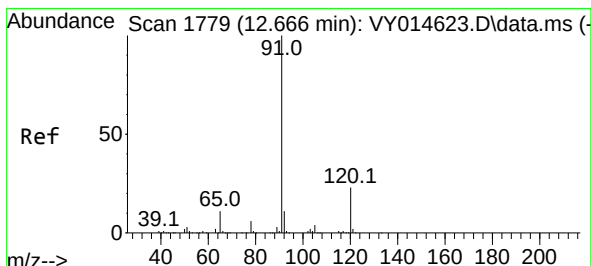
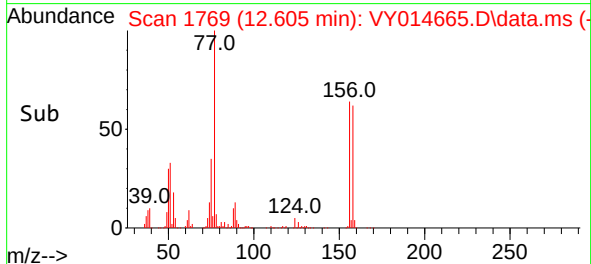
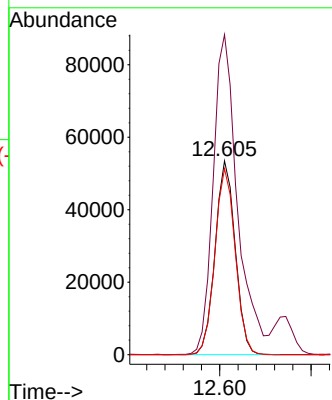
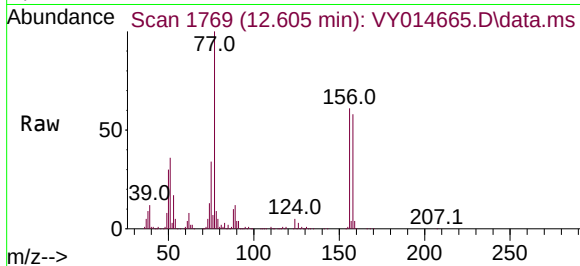
#77
Bromobenzene
Concen: 21.065 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBS01

Tgt Ion:156 Resp: 81760
Ion Ratio Lower Upper
156 100
77 198.5 92.8 278.6
158 97.0 48.4 145.3

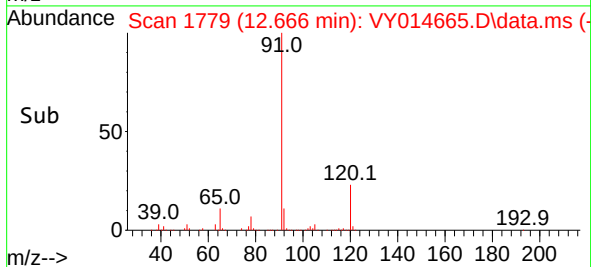
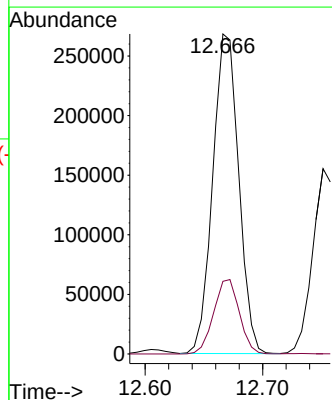
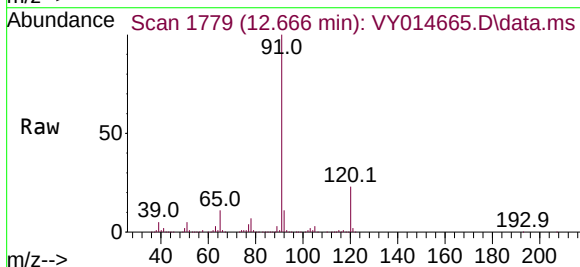
Manual Integrations
APPROVED

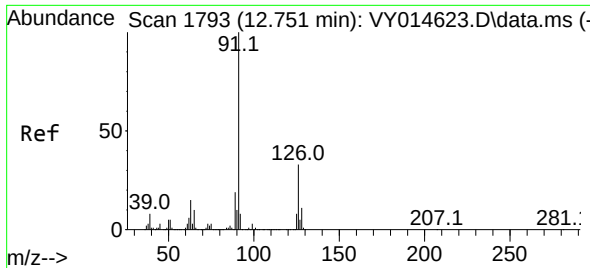
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#78
n-propylbenzene
Concen: 20.118 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

Tgt Ion: 91 Resp: 412215
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.4





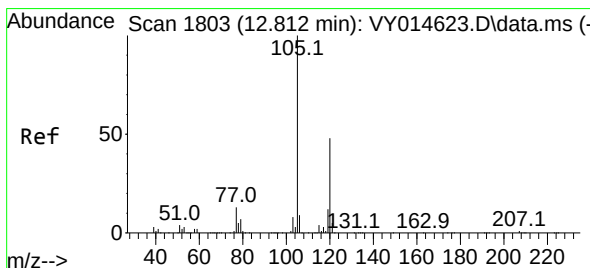
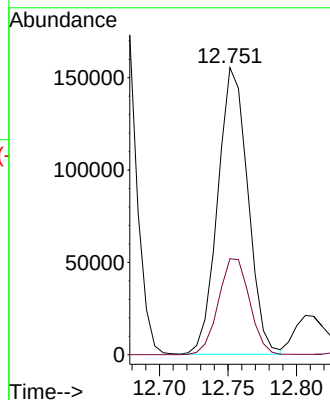
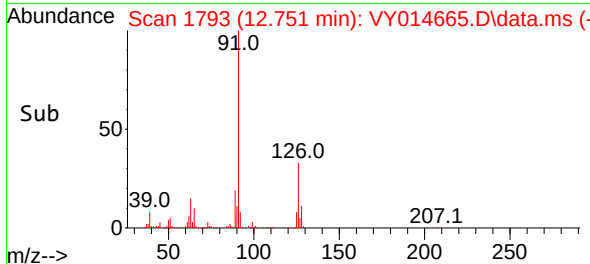
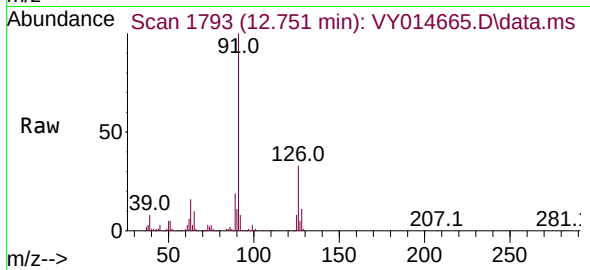
#79
2-Chlorotoluene
Concen: 20.128 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBS01

Tgt Ion: 91 Resp: 23754
Ion Ratio Lower Upper
91 100
126 34.7 17.3 51.7

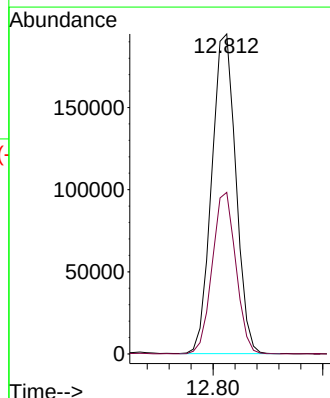
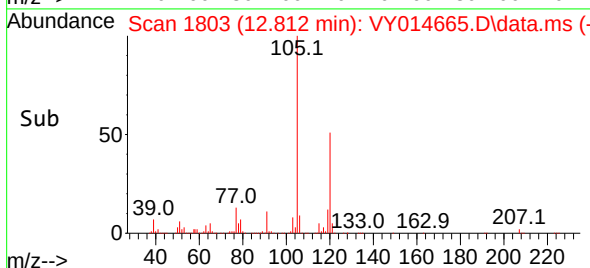
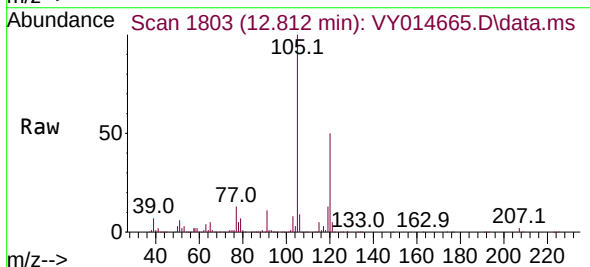
Manual Integrations
APPROVED

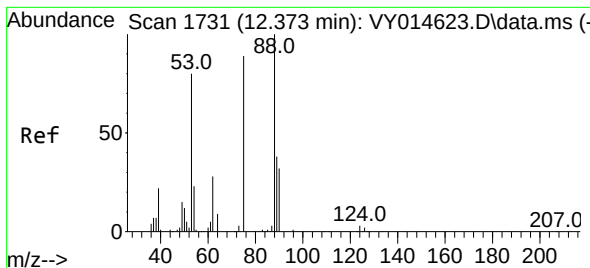
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.942 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

Tgt Ion:105 Resp: 297391
Ion Ratio Lower Upper
105 100
120 49.4 23.9 71.7





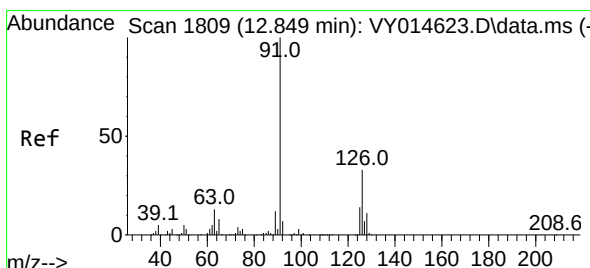
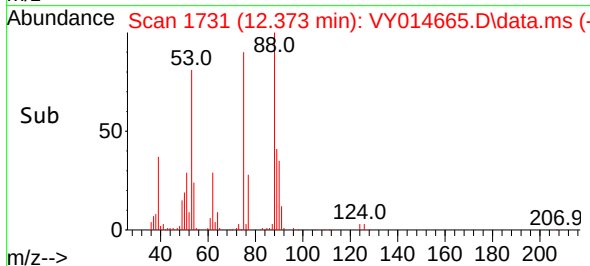
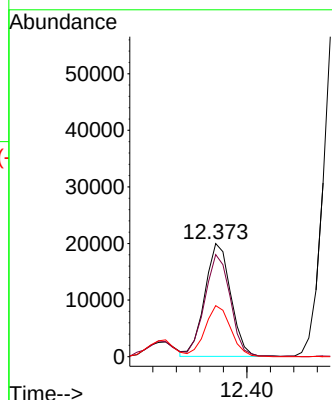
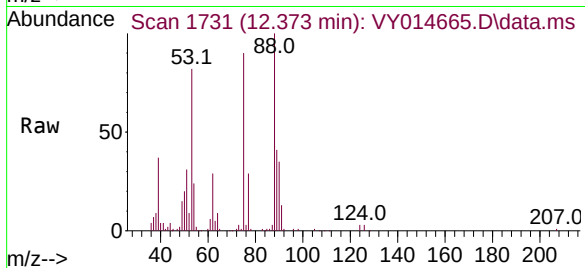
#81
trans-1,4-Dichloro-2-butene
Concen: 21.615 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBS01

Tgt Ion: 75 Resp: 30618
Ion Ratio Lower Upper
75 100
53 89.1 77.8 116.8
89 44.5 37.4 56.0

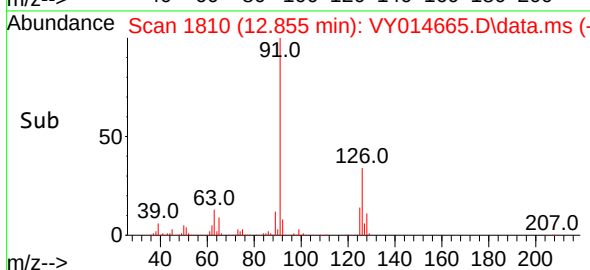
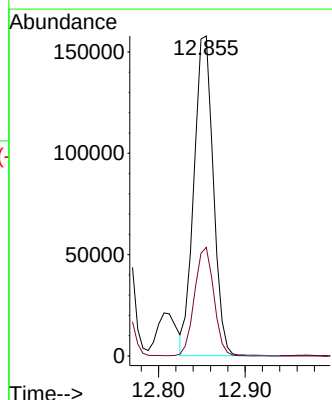
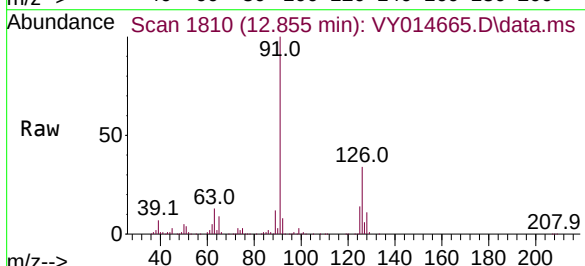
Manual Integrations
APPROVED

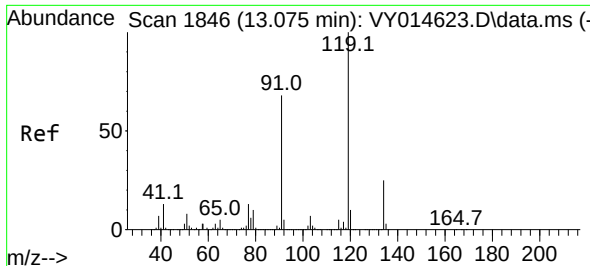
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#82
4-Chlorotoluene
Concen: 20.137 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

Tgt Ion: 91 Resp: 244755
Ion Ratio Lower Upper
91 100
126 34.0 17.2 51.6





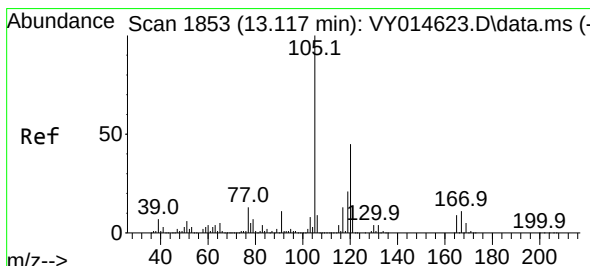
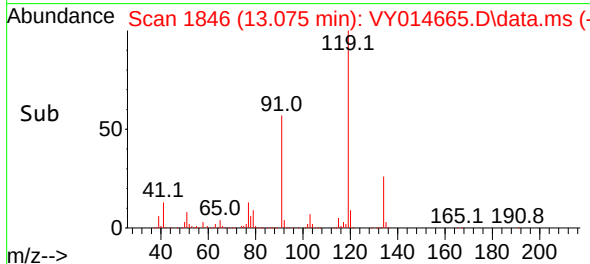
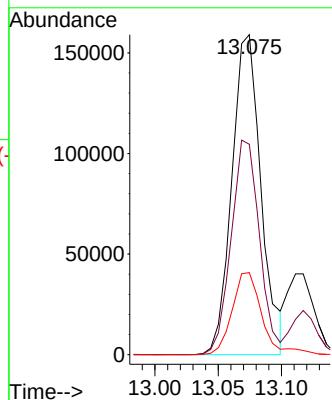
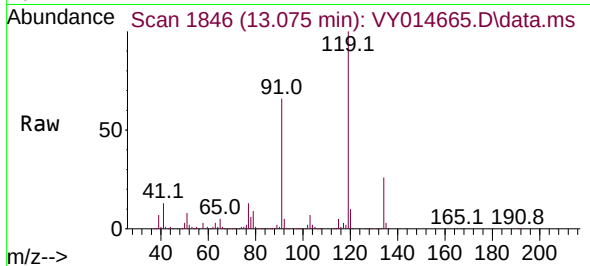
#83
tert-Butylbenzene
Concen: 20.267 ug/l
RT: 13.075 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBS01

Tgt Ion:119 Resp: 25529
Ion Ratio Lower Upper
119 100
91 65.1 32.9 98.6
134 26.3 13.0 38.9

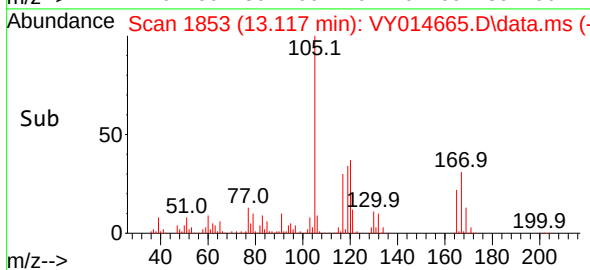
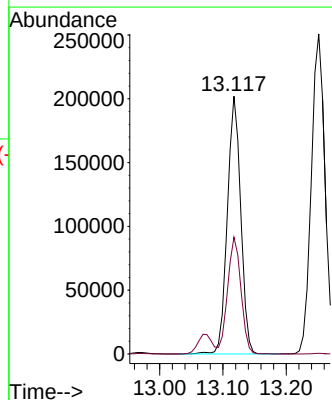
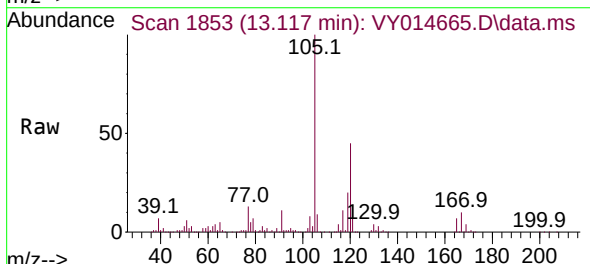
Manual Integrations
APPROVED

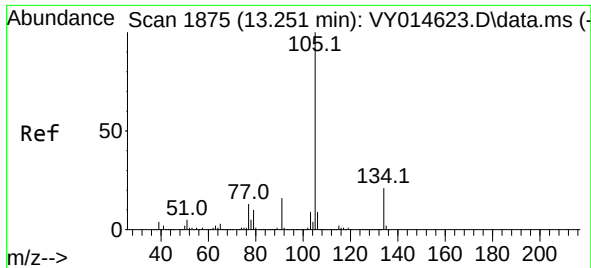
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#84
1,2,4-Trimethylbenzene
Concen: 21.277 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

Tgt Ion:105 Resp: 296518
Ion Ratio Lower Upper
105 100
120 44.8 22.2 66.6





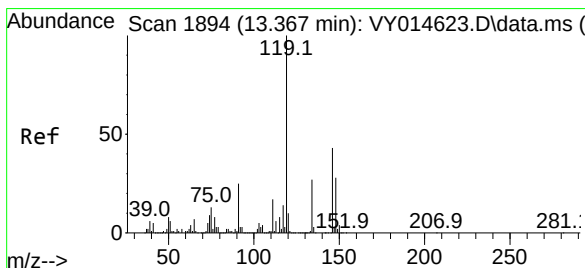
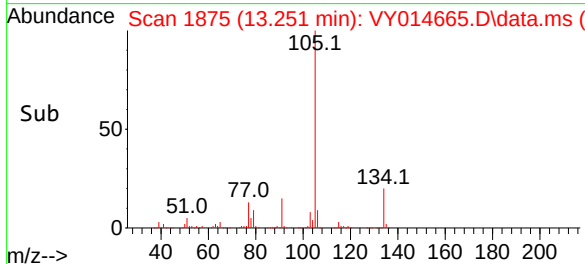
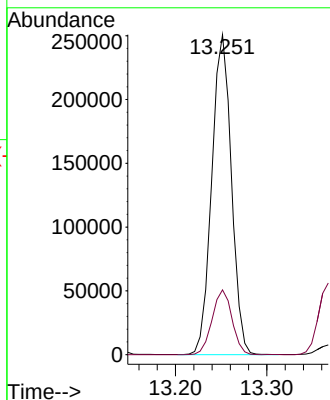
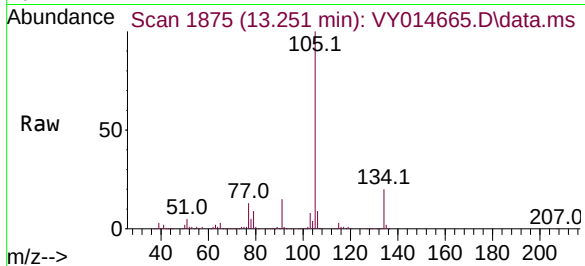
#85
 sec-Butylbenzene
 Concen: 20.217 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY014665.D
 Acq: 17 Jul 2023 12:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0717SBS01

Tgt Ion:105 Resp: 373579
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.6

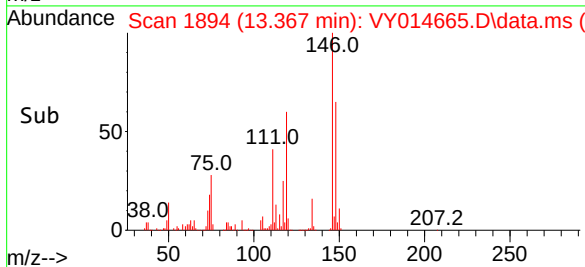
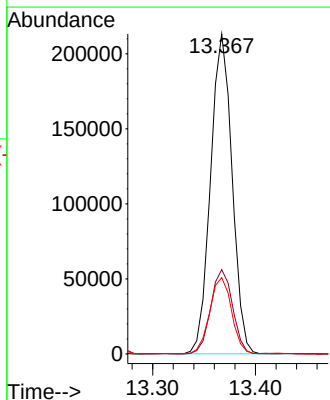
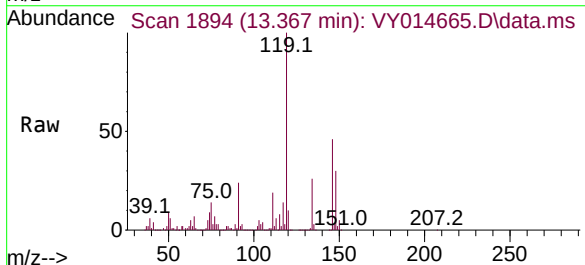
Manual Integrations
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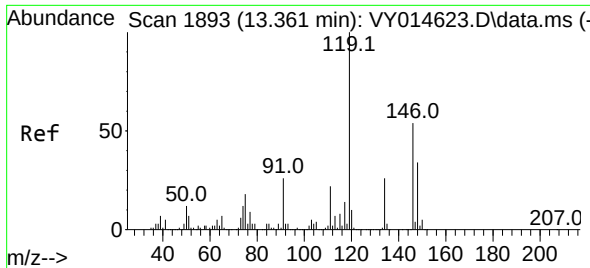
Reviewed By :John Carlone 07/18/2023
 Supervised By :Mahesh Dadoda 07/18/2023



#86
 p-Isopropyltoluene
 Concen: 20.485 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY014665.D
 Acq: 17 Jul 2023 12:23

Tgt Ion:119 Resp: 309059
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.3 39.8
 91 24.2 12.4 37.4





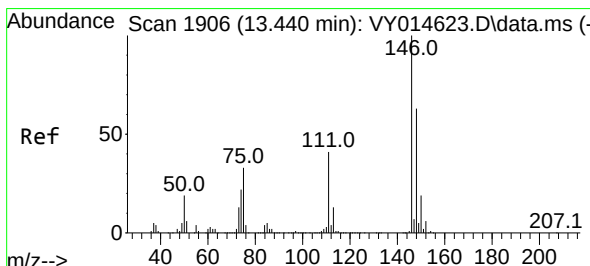
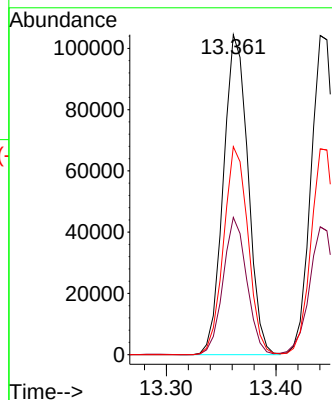
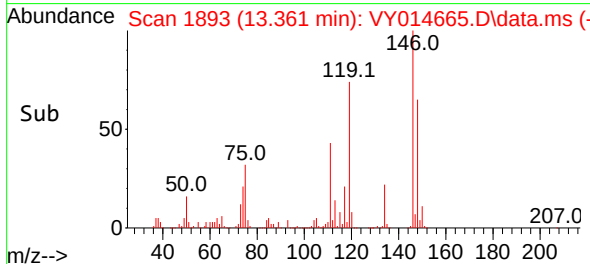
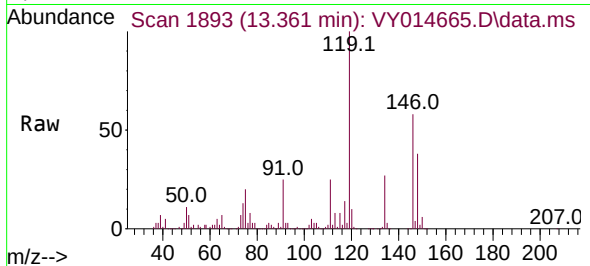
#87
1,3-Dichlorobenzene
Concen: 21.592 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBS01

Tgt Ion:146 Resp: 16310
Ion Ratio Lower Upper
146 100
111 41.2 19.4 58.2
148 64.4 31.9 95.5

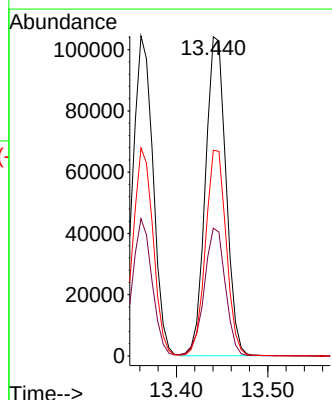
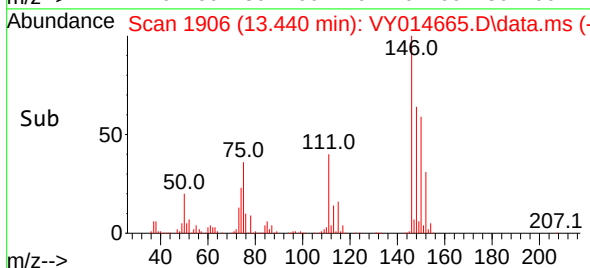
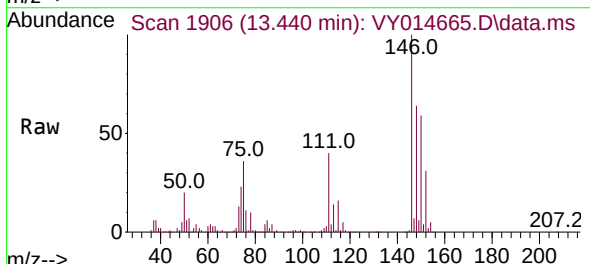
Manual Integrations
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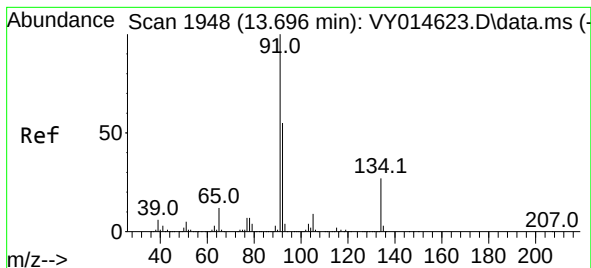
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#88
1,4-Dichlorobenzene
Concen: 21.482 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

Tgt Ion:146 Resp: 162613
Ion Ratio Lower Upper
146 100
111 41.1 18.9 56.7
148 65.1 32.1 96.5





#89

n-Butylbenzene

Concen: 20.037 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY014665.D

Acq: 17 Jul 2023 12:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0717SBS01

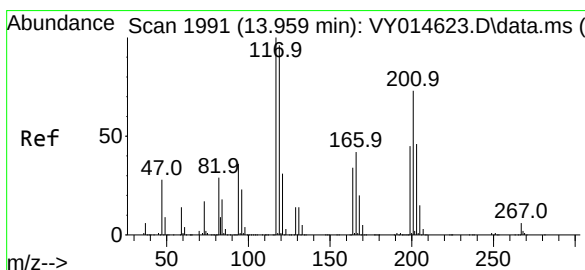
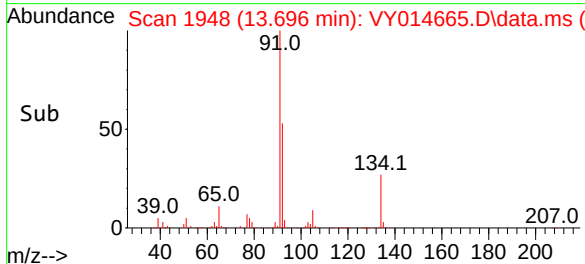
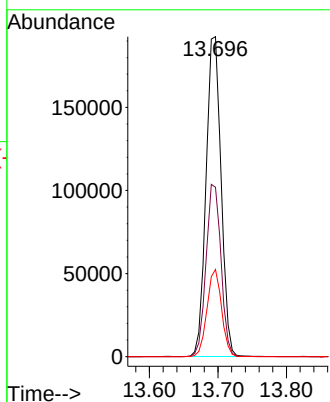
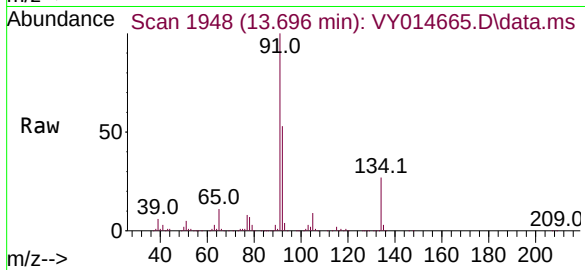
Tgt Ion: 91 Resp: 29411
 Ion Ratio Lower Upper
 91 100
 92 53.7 25.4 76.0
 134 26.4 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#90

Hexachloroethane

Concen: 20.343 ug/l

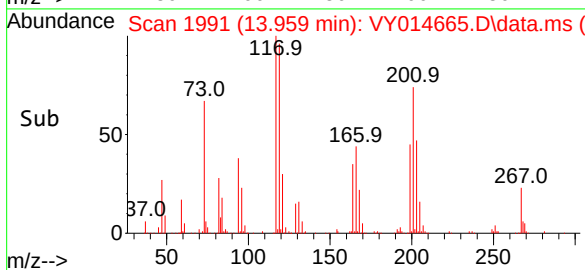
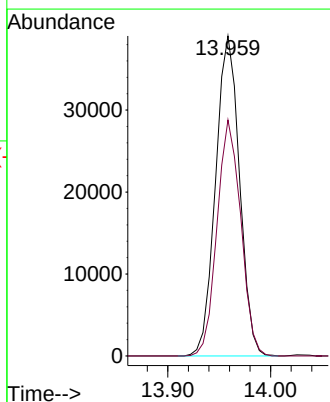
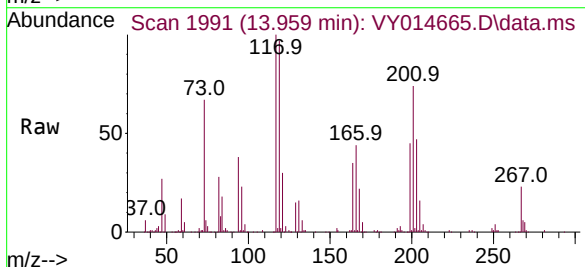
RT: 13.959 min Scan# 1991

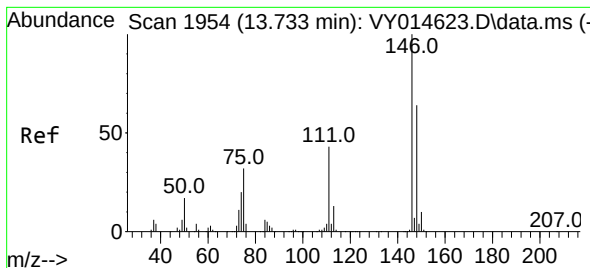
Delta R.T. -0.000 min

Lab File: VY014665.D

Acq: 17 Jul 2023 12:23

Tgt Ion:117 Resp: 63042
 Ion Ratio Lower Upper
 117 100
 201 73.3 41.6 124.8





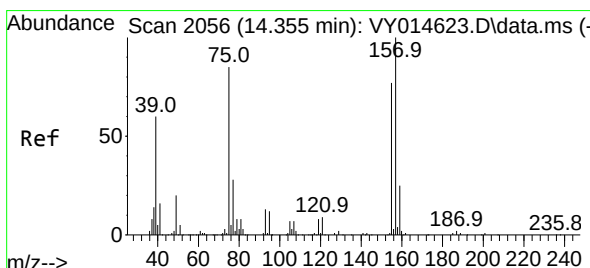
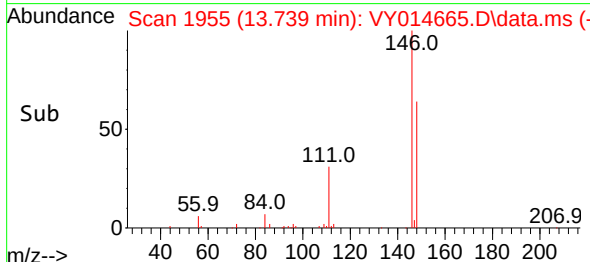
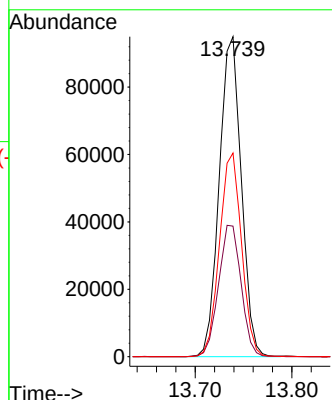
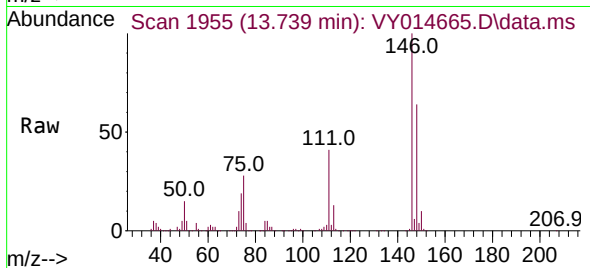
#91
1,2-Dichlorobenzene
Concen: 21.702 ug/l
RT: 13.739 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBS01

Tgt Ion:146 Resp: 150198
Ion Ratio Lower Upper
146 100
111 42.0 19.7 59.0
148 63.7 32.0 96.2

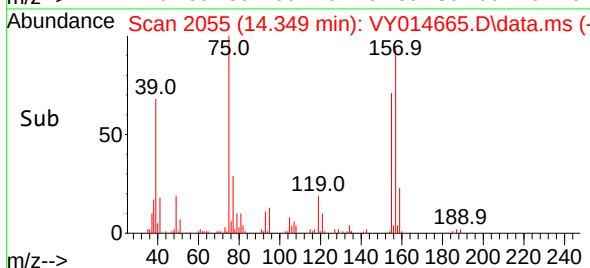
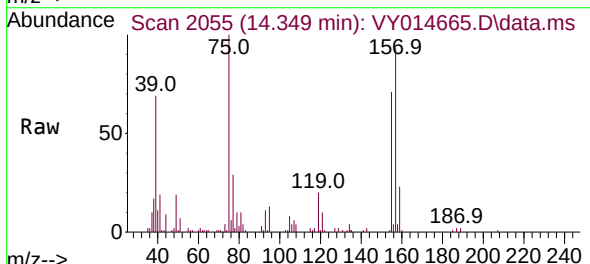
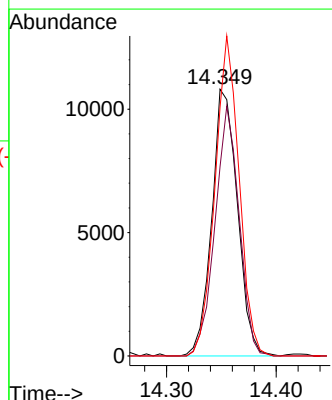
Manual Integrations
APPROVED

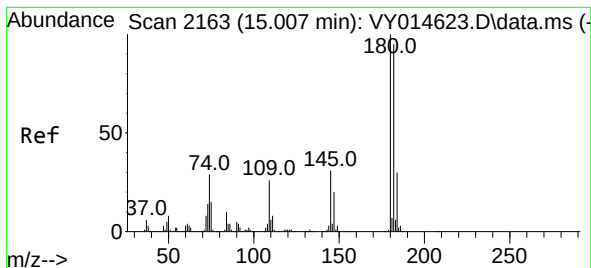
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 23.733 ug/l
RT: 14.349 min Scan# 2055
Delta R.T. -0.006 min
Lab File: VY014665.D
Acq: 17 Jul 2023 12:23

Tgt Ion: 75 Resp: 17599
Ion Ratio Lower Upper
75 100
155 87.9 41.5 124.6
157 112.6 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 22.022 ug/l

RT: 15.001 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY014665.D

Acq: 17 Jul 2023 12:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0717SBS01

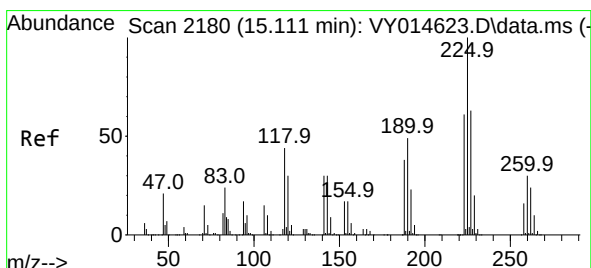
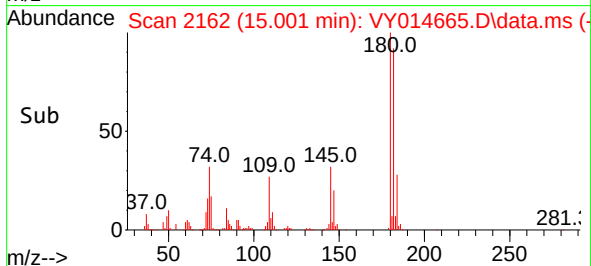
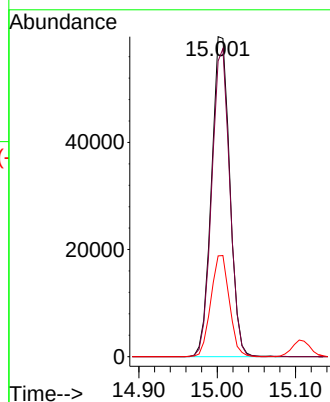
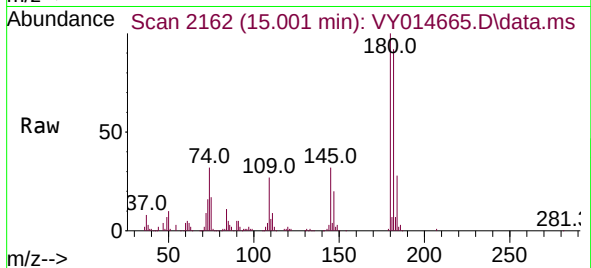
Tgt Ion:180	Resp:	9675
Ion Ratio	Lower	Upper
180	100	
182	94.8	47.0 141.2
145	32.0	14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#94

Hexachlorobutadiene

Concen: 20.679 ug/l

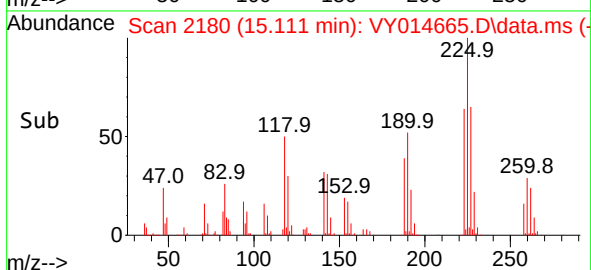
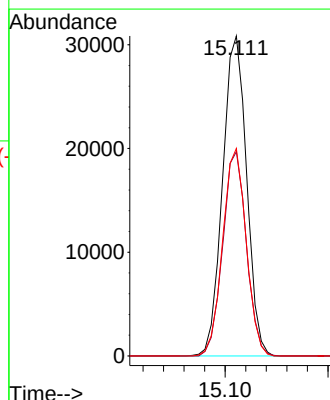
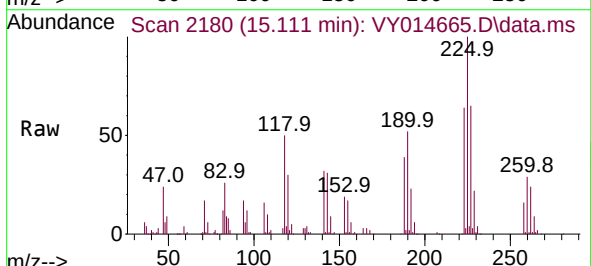
RT: 15.111 min Scan# 2180

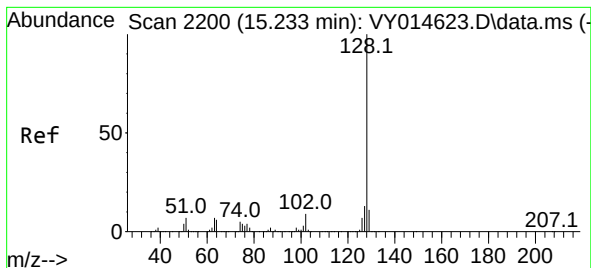
Delta R.T. -0.000 min

Lab File: VY014665.D

Acq: 17 Jul 2023 12:23

Tgt Ion:225	Resp:	49925
Ion Ratio	Lower	Upper
225	100	
223	62.8	31.9 95.9
227	63.6	33.0 98.9





#95

Naphthalene

Concen: 23.060 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY014665.D

Acq: 17 Jul 2023 12:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0717SBS01

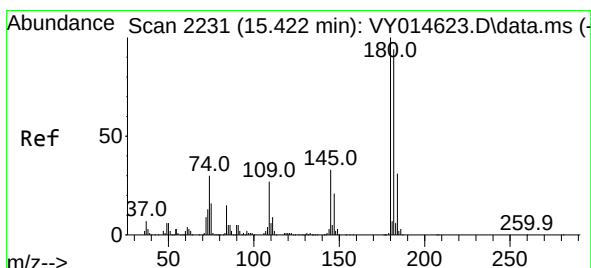
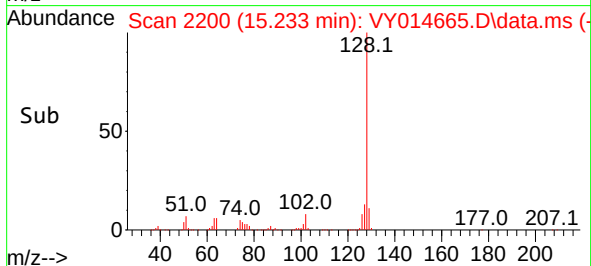
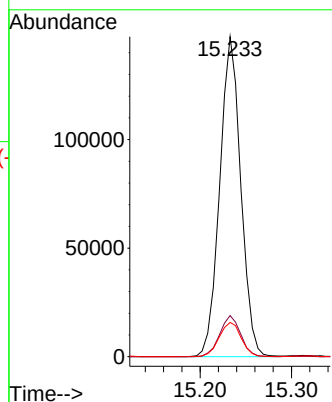
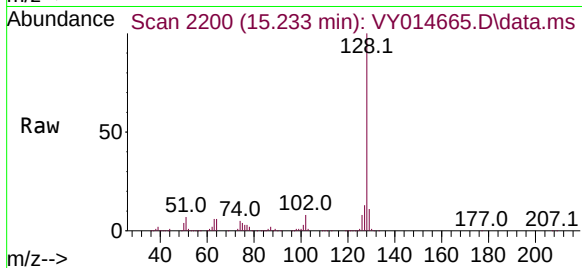
Tgt Ion:128	Resp: 236039
Ion Ratio	Lower Upper
128 100	
127 12.8	10.8 16.2
129 11.3	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#96

1,2,3-Trichlorobenzene

Concen: 21.630 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY014665.D

Acq: 17 Jul 2023 12:23

Tgt Ion:180	Resp: 84457
Ion Ratio	Lower Upper
180 100	
182 95.9	47.3 141.8
145 34.3	15.4 46.2

