

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071723\
 Data File : VY014663.D
 Acq On : 17 Jul 2023 11:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 18 06:06:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	307698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	507929	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	451443	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	223671	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	175142	49.950	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.900%		
35) Dibromofluoromethane	7.710	113	161637	49.991	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.980%		
50) Toluene-d8	10.179	98	570379	47.848	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.700%		
62) 4-Bromofluorobenzene	12.477	95	220294	48.195	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	96.400%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	112940	45.052	ug/l	93
3) Chloromethane	2.107	50	142106	50.429	ug/l	99
4) Vinyl Chloride	2.247	62	160741	51.039	ug/l	97
5) Bromomethane	2.638	94	113229	54.404	ug/l	97
6) Chloroethane	2.784	64	103816	52.773	ug/l	97
7) Trichlorofluoromethane	3.113	101	259737	49.106	ug/l	97
8) Diethyl Ether	3.522	74	102987	52.331	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.887	101	159070	49.065	ug/l	95
10) Methyl Iodide	4.076	142	180924	52.518	ug/l	96
11) Tert butyl alcohol	4.942	59	206224	290.485	ug/l #	85
12) 1,1-Dichloroethene	3.863	96	148560	49.029	ug/l	95
13) Acrolein	3.723	56	82642	225.501	ug/l	98
14) Allyl chloride	4.466	41	264667	49.195	ug/l	95
15) Acrylonitrile	5.149	53	326653	300.999	ug/l	97
16) Acetone	3.942	43	325646	293.080	ug/l	91
17) Carbon Disulfide	4.186	76	402266	46.371	ug/l	98
18) Methyl Acetate	4.466	43	260867	61.180	ug/l	93
19) Methyl tert-butyl Ether	5.210	73	537134	54.572	ug/l	99
20) Methylene Chloride	4.704	84	190171	52.933	ug/l	88
21) trans-1,2-Dichloroethene	5.210	96	169721	49.357	ug/l	98
22) Diisopropyl ether	6.113	45	560807	51.271	ug/l	92
23) Vinyl Acetate	6.052	43	1768210	270.135	ug/l	96
24) 1,1-Dichloroethane	6.009	63	318064	50.820	ug/l	97
25) 2-Butanone	6.978	43	491382	302.286	ug/l	97
26) 2,2-Dichloropropane	6.972	77	295779	49.588	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	207286	51.789	ug/l	97
28) Bromochloromethane	7.326	49	138233	51.284	ug/l	94
29) Tetrahydrofuran	7.338	42	304133	303.847	ug/l	93
30) Chloroform	7.496	83	331918	51.429	ug/l	98
31) Cyclohexane	7.777	56	258426	44.399	ug/l	93
32) 1,1,1-Trichloroethane	7.698	97	290926	50.085	ug/l	99
36) 1,1-Dichloropropene	7.911	75	238015	49.224	ug/l	99
37) Ethyl Acetate	7.064	43	195643	58.767	ug/l #	95
38) Carbon Tetrachloride	7.893	117	259136	50.698	ug/l	99
39) Methylcyclohexane	9.179	83	297310	47.195	ug/l	96
40) Benzene	8.155	78	697370	50.710	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	103306m	60.329	ug/l	
42) 1,2-Dichloroethane	8.234	62	232102	53.297	ug/l	94
43) Isopropyl Acetate	8.265	43	359272	56.652	ug/l	97
44) Trichloroethene	8.935	130	196338	51.027	ug/l	100
45) 1,2-Dichloropropane	9.210	63	183254	51.032	ug/l	97
46) Dibromomethane	9.301	93	116390	53.427	ug/l	97
47) Bromodichloromethane	9.490	83	268710	52.335	ug/l	97
48) Methyl methacrylate	9.289	41	162506	56.948	ug/l	93
49) 1,4-Dioxane	9.289	88	44190	1244.023	ug/l #	46
51) 4-Methyl-2-Pentanone	10.069	43	996079	299.151	ug/l	94
52) Toluene	10.240	92	444829	50.549	ug/l	94
53) t-1,3-Dichloropropene	10.459	75	295020	52.530	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	316801	51.871	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	165594	54.570	ug/l	97
56) Ethyl methacrylate	10.508	69	259186	55.941	ug/l	91
57) 1,3-Dichloropropane	10.789	76	281348	53.754	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.777	63	595315	275.760	ug/l	94
59) 2-Hexanone	10.825	43	732563	301.691	ug/l	92
60) Dibromochloromethane	10.984	129	202454	54.415	ug/l	99
61) 1,2-Dibromoethane	11.087	107	165552	54.687	ug/l	100
64) Tetrachloroethene	10.715	164	185947	51.214	ug/l	97
65) Chlorobenzene	11.514	112	490728	51.011	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	192050	52.947	ug/l	98
67) Ethyl Benzene	11.593	91	868945	50.028	ug/l	97
68) m/p-Xylenes	11.703	106	664736	100.258	ug/l	96
69) o-Xylene	12.026	106	327754	50.752	ug/l	99
70) Styrene	12.044	104	560076	51.457	ug/l	98
71) Bromoform	12.203	173	141145	57.408	ug/l	98
73) Isopropylbenzene	12.325	105	853183	48.716	ug/l	99
74) N-amyl acetate	12.142	43	316452	53.950	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	217228	54.391	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	158403m	56.074	ug/l	
77) Bromobenzene	12.605	156	208827	52.236	ug/l	95
78) n-propylbenzene	12.666	91	1024228	48.532	ug/l	99
79) 2-Chlorotoluene	12.752	91	596795	49.097	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	718924	49.153	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	81229	55.674	ug/l	93
82) 4-Chlorotoluene	12.855	91	619517	49.486	ug/l	100
83) tert-Butylbenzene	13.075	119	635956	49.016	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	716760	49.934	ug/l	100
85) sec-Butylbenzene	13.252	105	934892	49.120	ug/l	100
86) p-Isopropyltoluene	13.367	119	778729	50.112	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	398475	51.214	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	401170	51.453	ug/l	99
89) n-Butylbenzene	13.697	91	738527	48.849	ug/l	95
90) Hexachloroethane	13.959	117	159966	50.117	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	368576	51.704	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	44250	57.935	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	240423	53.130	ug/l	99
94) Hexachlorobutadiene	15.111	225	127791	51.389	ug/l	98
95) Naphthalene	15.233	128	599054	56.822	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	215488	53.581	ug/l	98

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QLast Update : Fri Jul 14 02:09:50 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

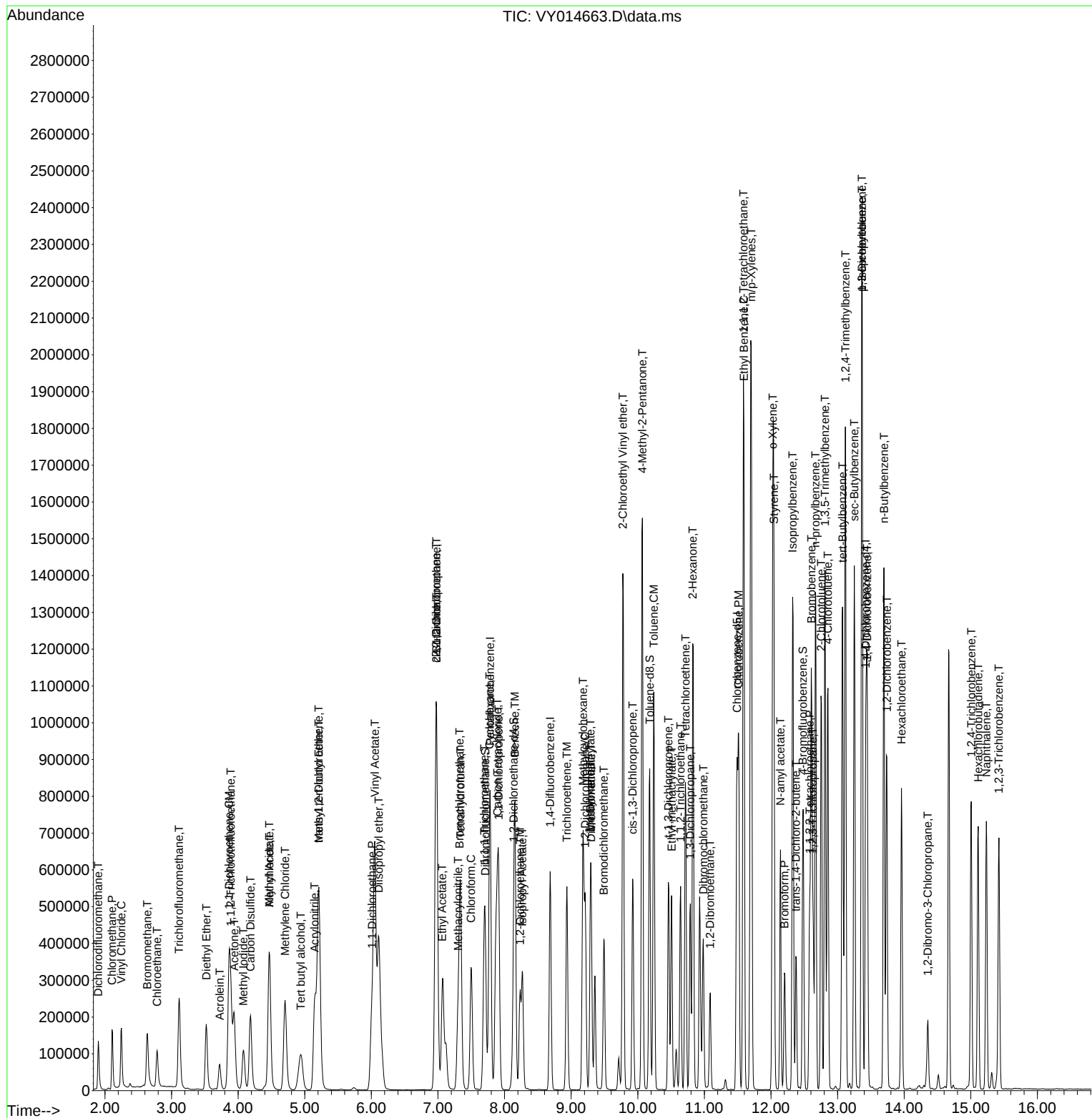
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071723\
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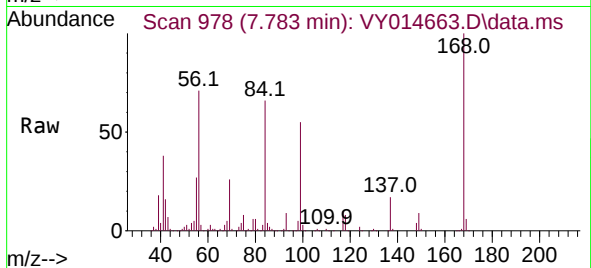
Reviewed By : John Carlone 07/18/2023
Supervised By : Mahesh Dadoda 07/18/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

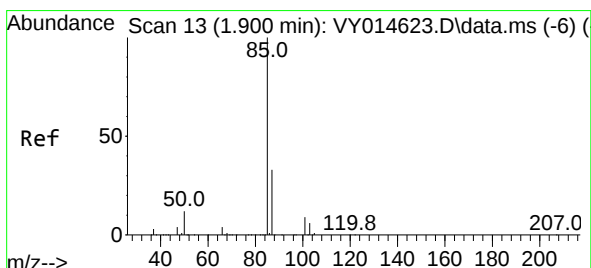
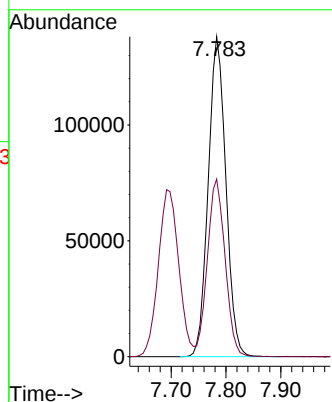
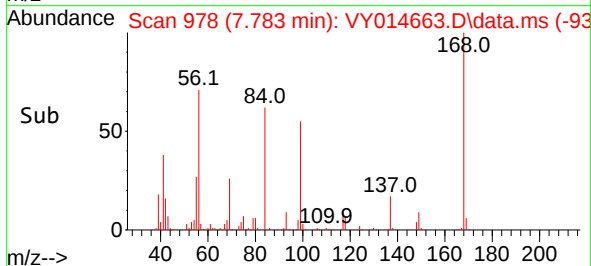
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 307698
Ion Ratio Lower Upper
168 100
99 55.4 43.4 65.0

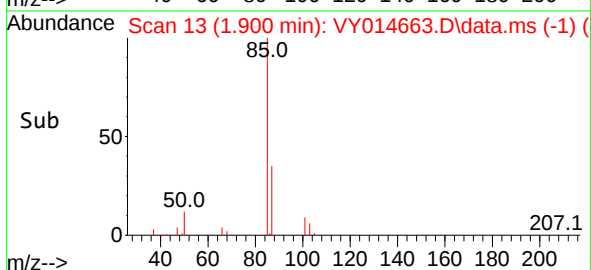
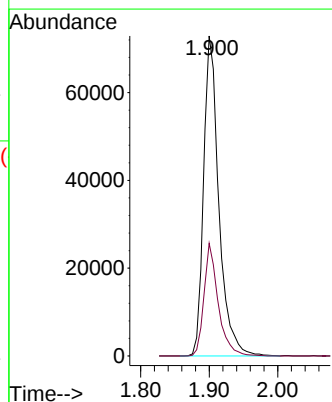
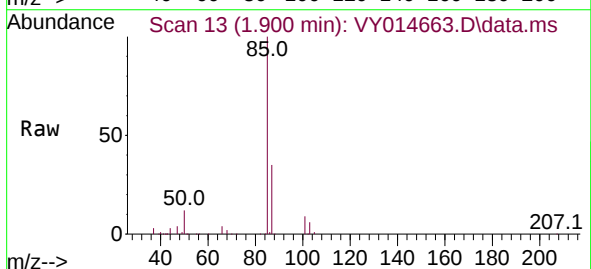
Manual Integrations
APPROVED

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#2
Dichlorodifluoromethane
Concen: 45.052 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

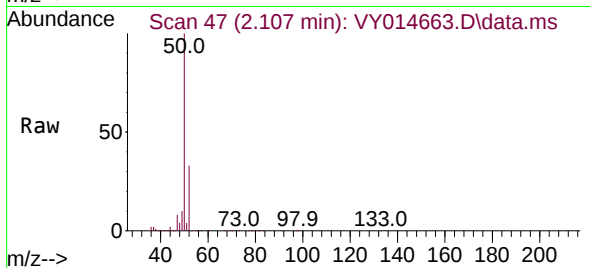
Tgt Ion: 85 Resp: 112940
Ion Ratio Lower Upper
85 100
87 35.2 15.6 46.8





#3
Chloromethane
Concen: 50.429 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

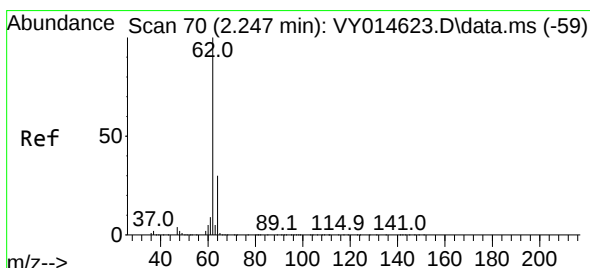
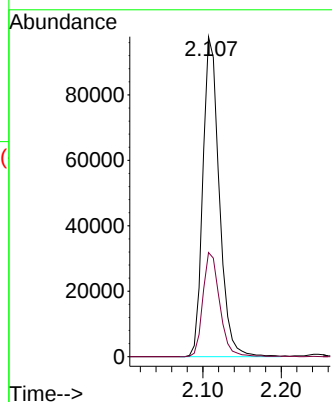
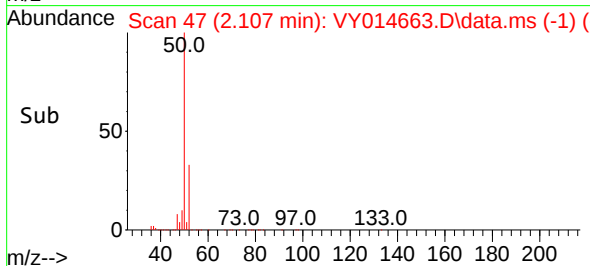
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



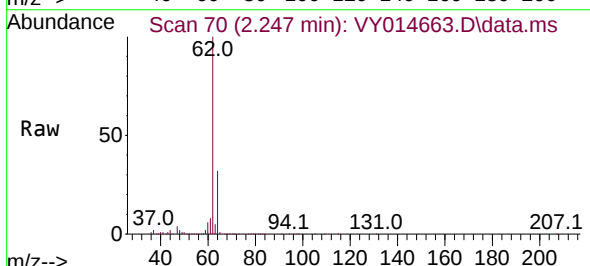
Tgt Ion: 50 Resp: 142100
Ion Ratio Lower Upper
50 100
52 32.6 25.4 38.2

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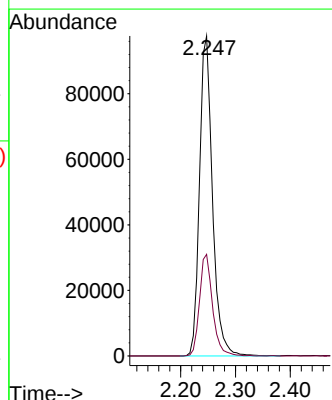
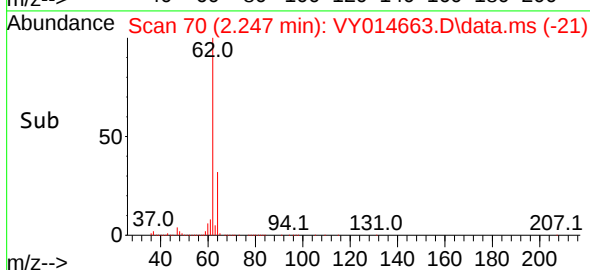
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

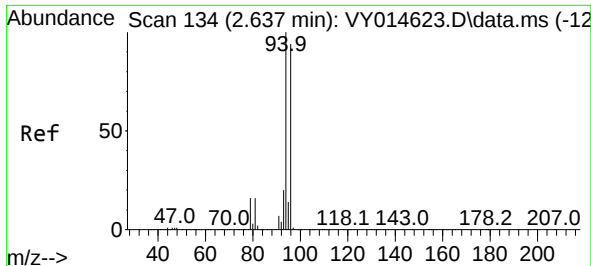


#4
Vinyl Chloride
Concen: 51.039 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00



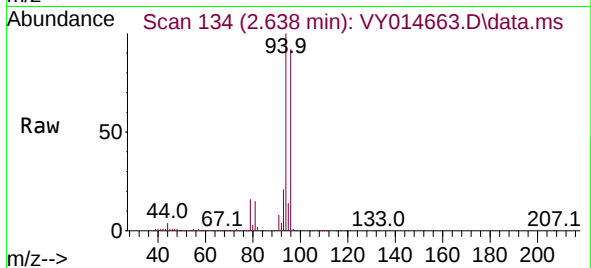
Tgt Ion: 62 Resp: 160741
Ion Ratio Lower Upper
62 100
64 31.8 24.3 36.5





#5
Bromomethane
Concen: 54.404 ug/l
RT: 2.638 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

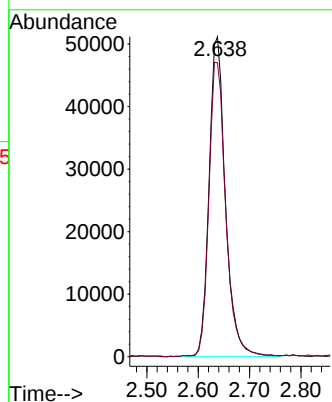
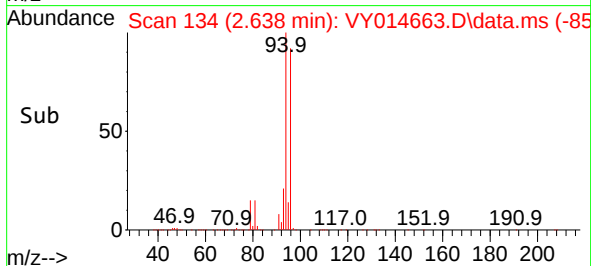
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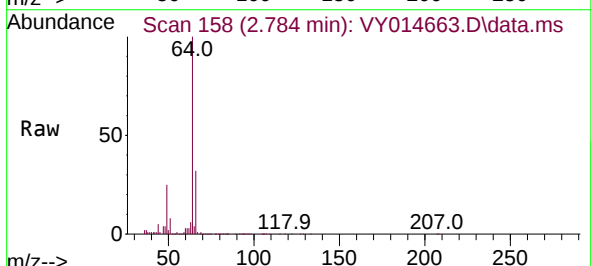
Tgt Ion: 94 Resp: 113229
Ion Ratio Lower Upper
94 100
96 91.7 75.8 113.6

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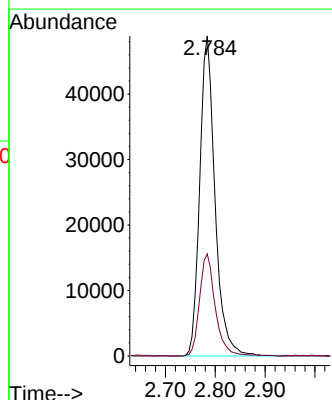
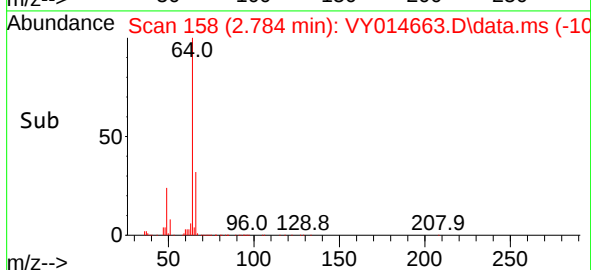
Reviewed By :John Carlone 07/18/2023
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#6
Chloroethane
Concen: 52.773 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY014663.D
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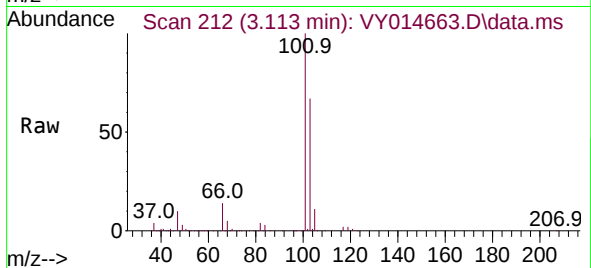
Tgt Ion: 64 Resp: 103816
Ion Ratio Lower Upper
64 100
66 31.9 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 49.106 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. 0.000 min
 Lab File: VY014663.D
 Acq: 17 Jul 2023 11:00

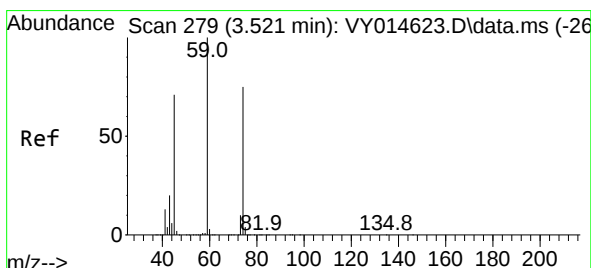
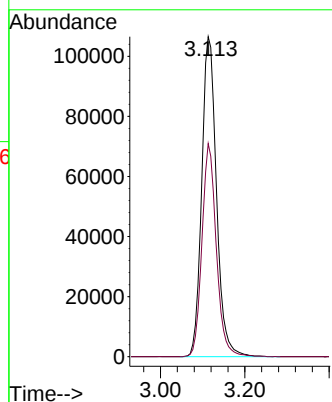
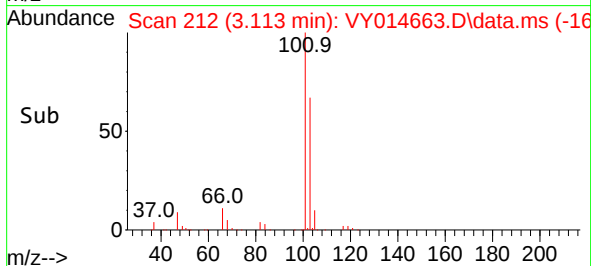
Instrument :
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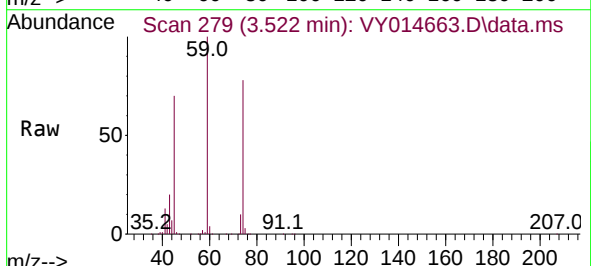
Tgt Ion: 101 Resp: 25973
 Ion Ratio Lower Upper
 101 100
 103 66.6 51.4 77.0

Manual Integrations
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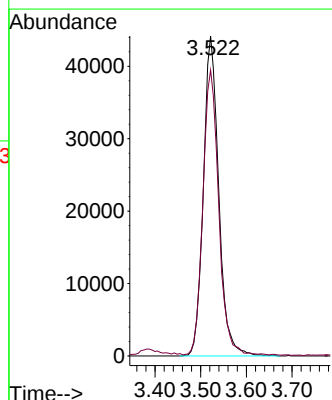
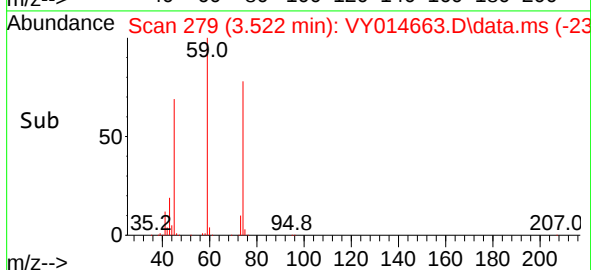
Reviewed By : John Carlone 07/18/2023
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#8
 Diethyl Ether
 Concen: 52.331 ug/l
 RT: 3.522 min Scan# 279
 Delta R.T. 0.001 min
 Lab File: VY014663.D
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Tgt Ion: 74 Resp: 102987
 Ion Ratio Lower Upper
 74 100
 45 91.3 51.5 154.5





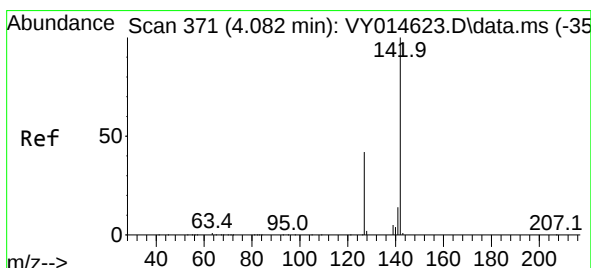
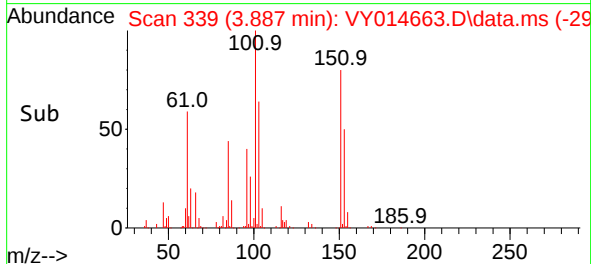
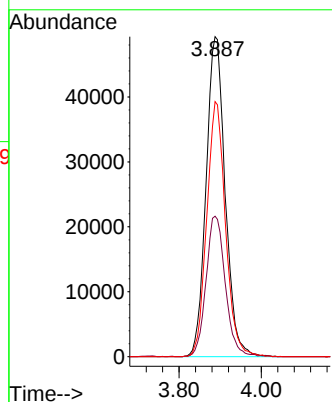
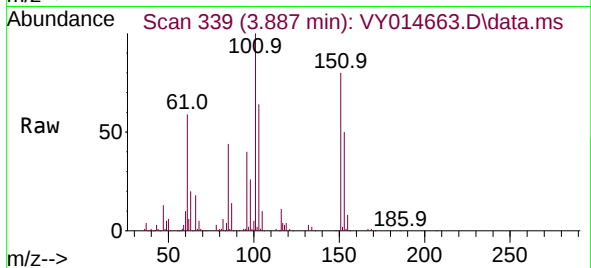
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.065 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 159070
Ion Ratio Lower Upper
101 100
85 44.3 36.6 55.0
151 78.3 67.0 100.6

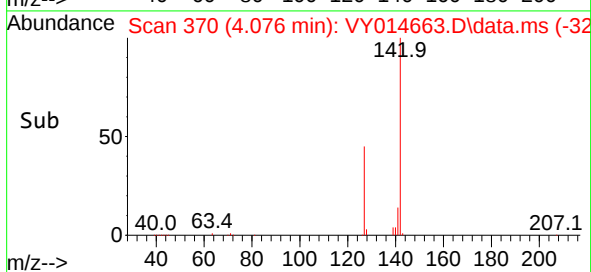
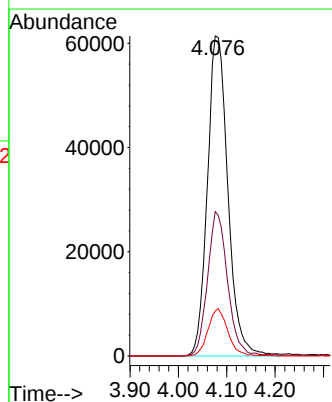
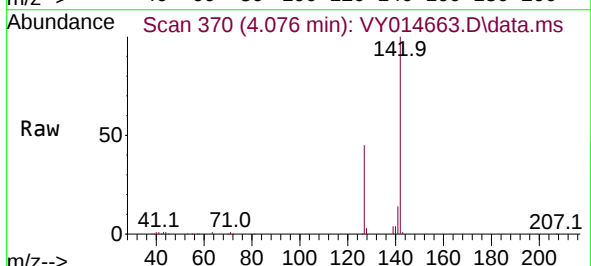
Manual Integrations
APPROVED

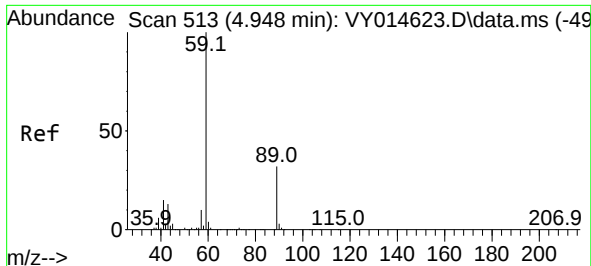
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#10
Methyl Iodide
Concen: 52.518 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

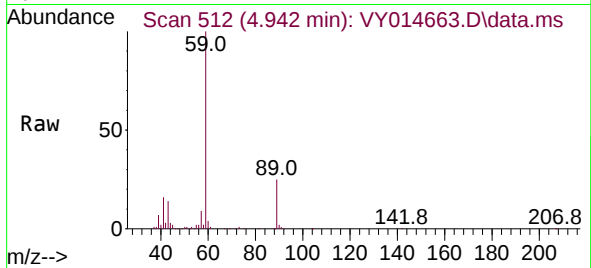
Tgt Ion:142 Resp: 180924
Ion Ratio Lower Upper
142 100
127 43.9 37.6 56.4
141 14.3 11.8 17.8





#11
Tert butyl alcohol
Concen: 290.485 ug/l
RT: 4.942 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

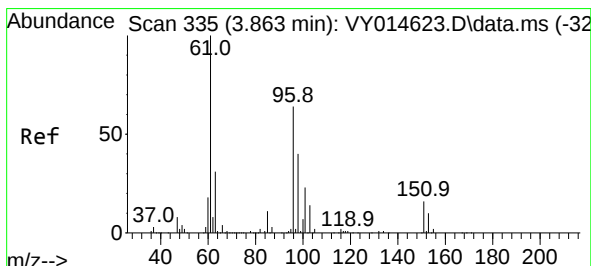
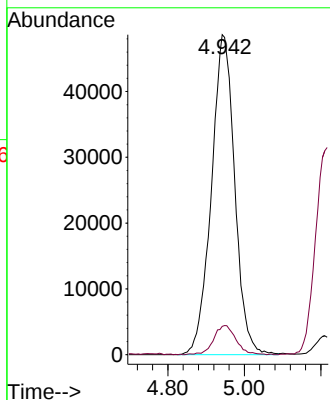
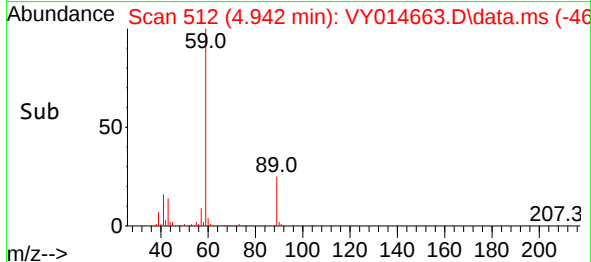
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 206224
Ion Ratio Lower Upper
59 100
57 8.7 3.0 4.4

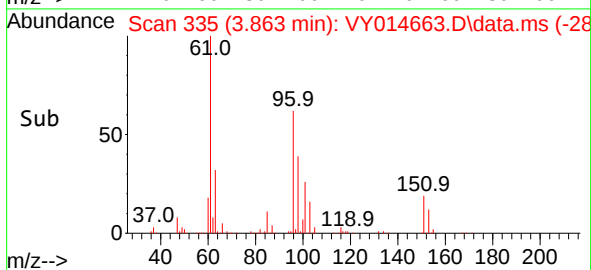
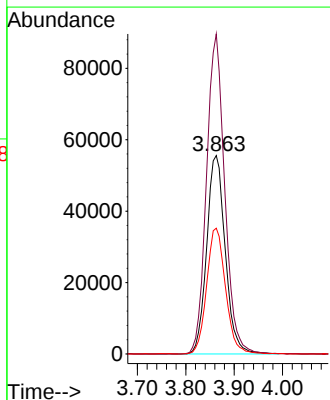
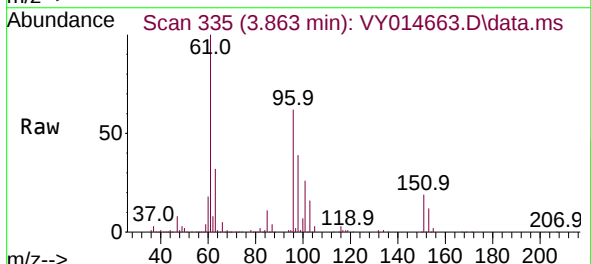
Manual Integrations
APPROVED

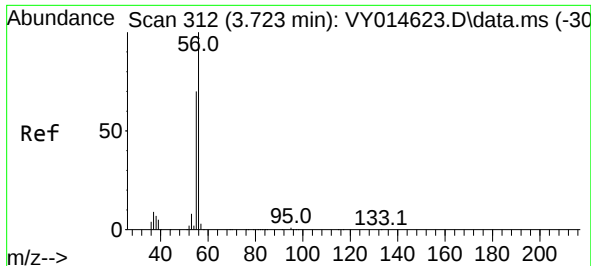
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#12
1,1-Dichloroethene
Concen: 49.029 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

Tgt Ion: 96 Resp: 148560
Ion Ratio Lower Upper
96 100
61 161.3 136.4 204.6
98 63.4 49.4 74.2





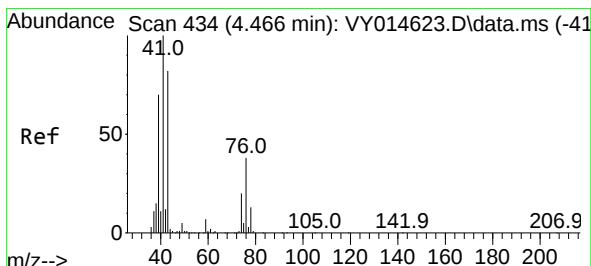
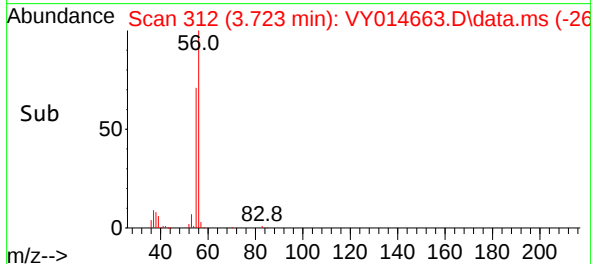
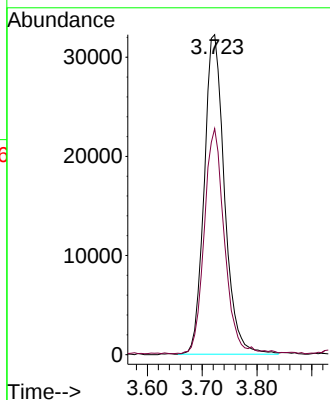
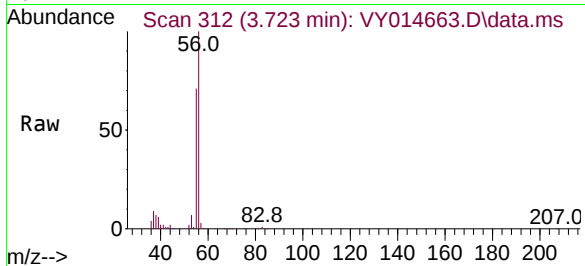
#13
Acrolein
Concen: 225.501 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 8264
Ion Ratio Lower Upper
56 100
55 69.7 57.0 85.4

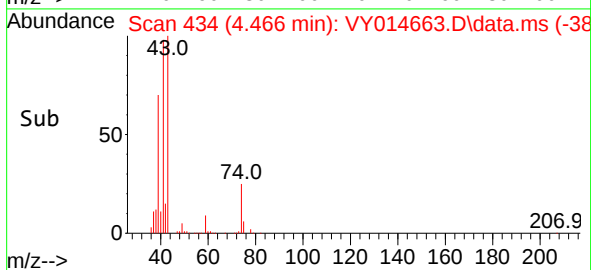
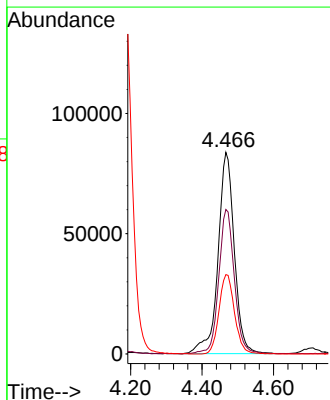
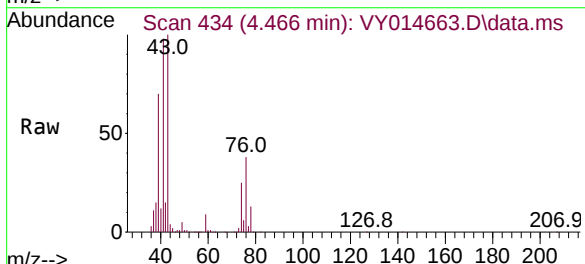
Manual Integrations
APPROVED

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



#14
Allyl chloride
Concen: 49.195 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

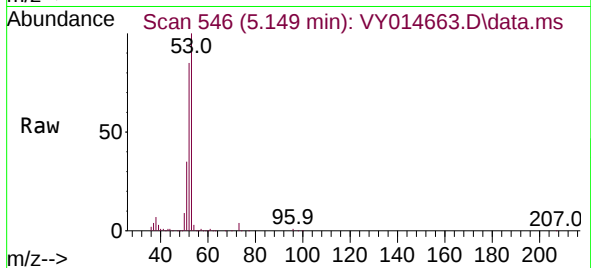
Tgt Ion: 41 Resp: 264667
Ion Ratio Lower Upper
41 100
39 68.8 58.0 87.0
76 37.6 27.4 41.2





#15
Acrylonitrile
Concen: 300.999 ug/l
RT: 5.149 min Scan# 547
Delta R.T. -0.006 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

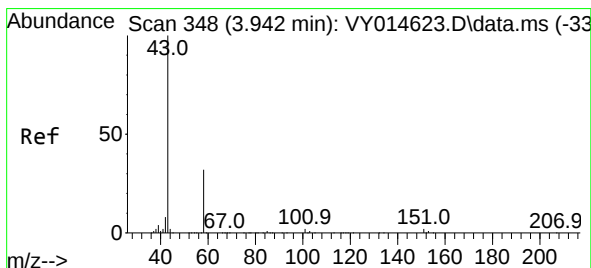
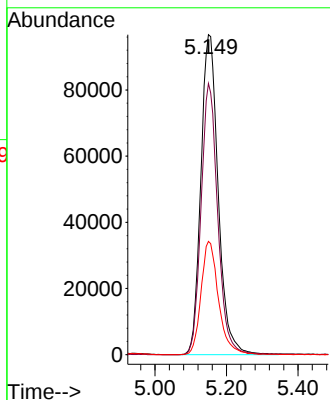
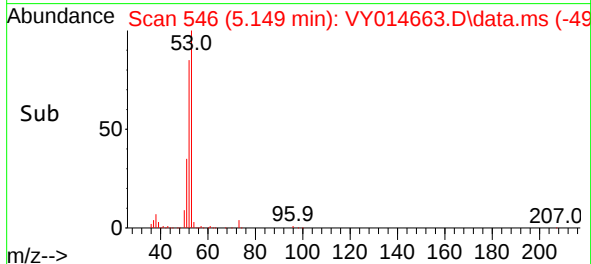
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 326653
Ion Ratio Lower Upper
53 100
52 81.0 66.9 100.3
51 35.6 29.8 44.6

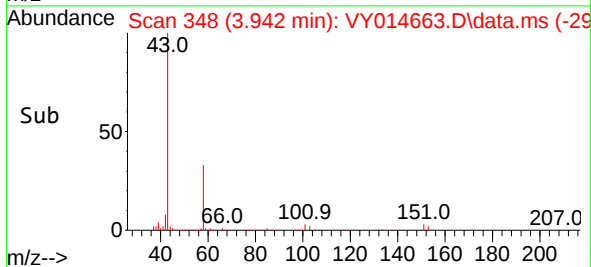
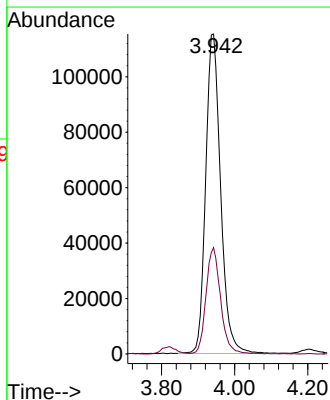
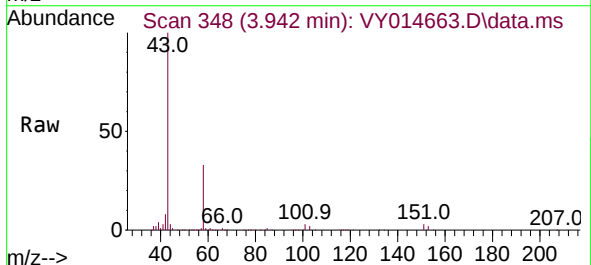
Manual Integrations
APPROVED

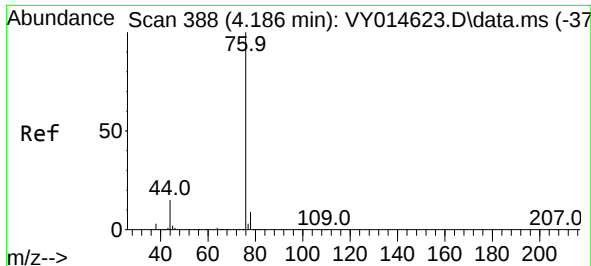
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#16
Acetone
Concen: 293.080 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

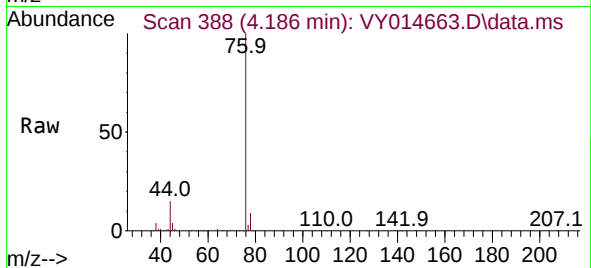
Tgt Ion: 43 Resp: 325646
Ion Ratio Lower Upper
43 100
58 33.2 22.7 34.1





#17
Carbon Disulfide
Concen: 46.371 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

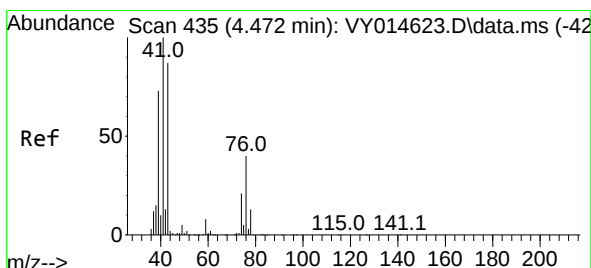
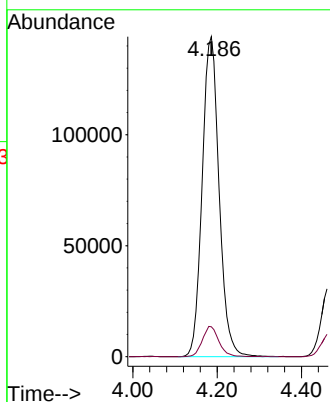
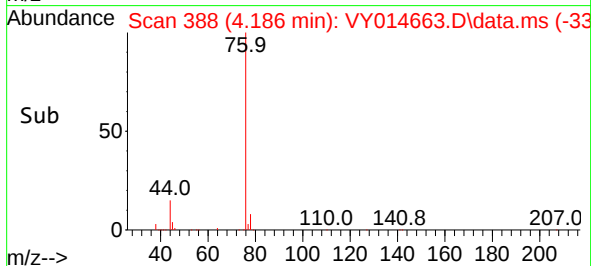
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



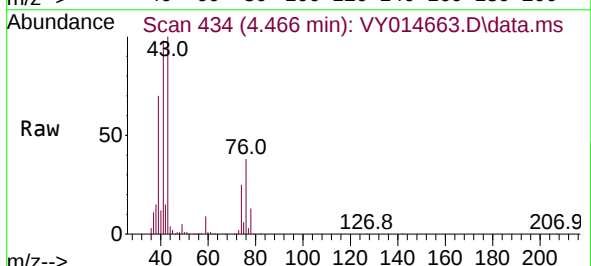
Tgt Ion: 76 Resp: 402260
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4

Manual Integrations
APPROVED

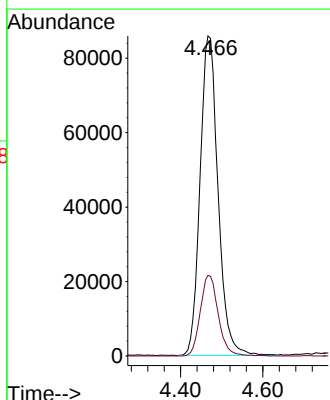
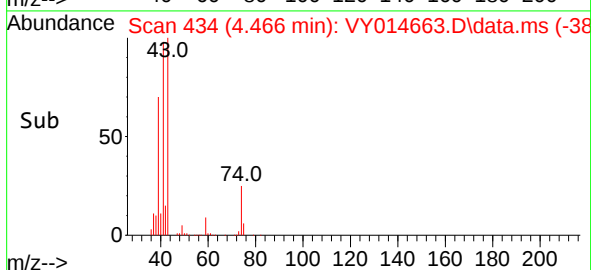
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

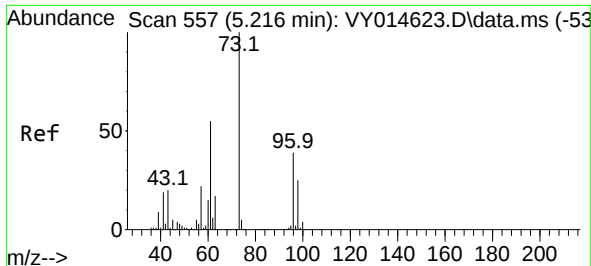


#18
Methyl Acetate
Concen: 61.180 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00



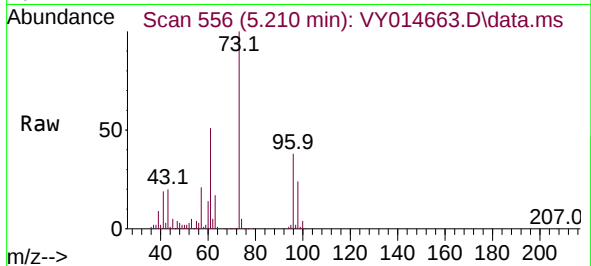
Tgt Ion: 43 Resp: 260867
Ion Ratio Lower Upper
43 100
74 25.1 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 54.572 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

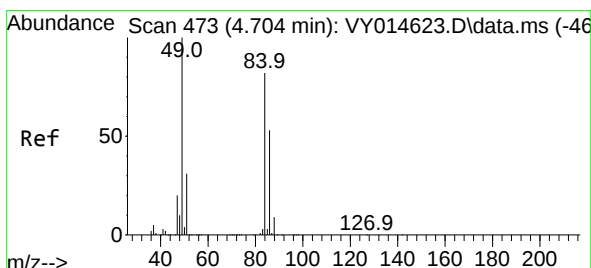
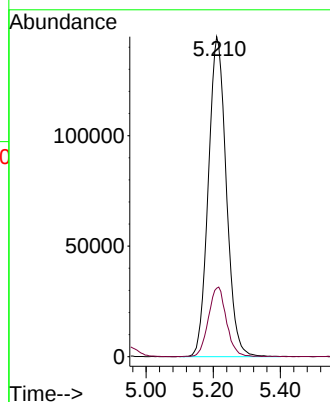
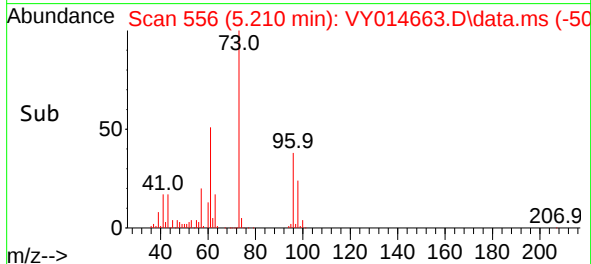
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 537134
Ion Ratio Lower Upper
73 100
57 21.3 17.3 25.9

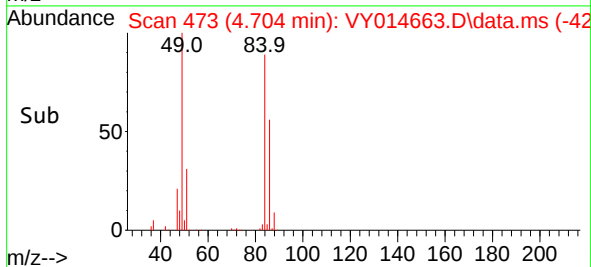
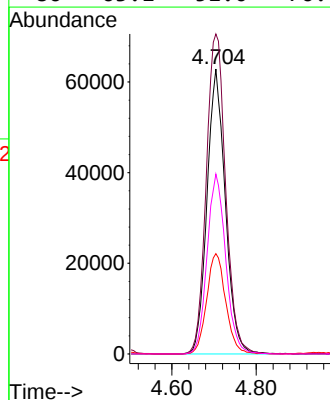
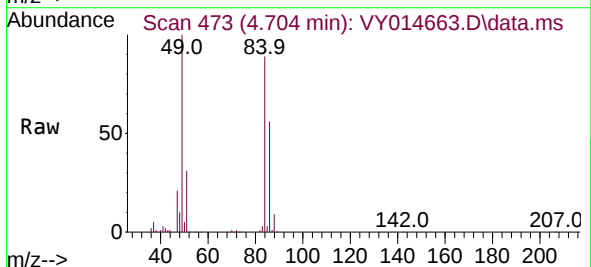
Manual Integrations
APPROVED

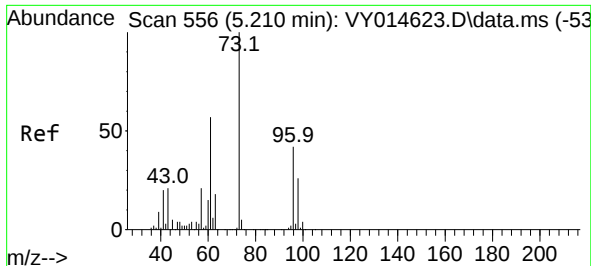
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#20
Methylene Chloride
Concen: 52.933 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

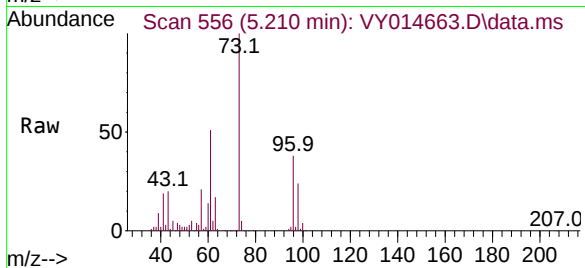
Tgt Ion: 84 Resp: 190171
Ion Ratio Lower Upper
84 100
49 112.3 106.9 160.3
51 35.2 33.2 49.8
86 63.1 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 49.357 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

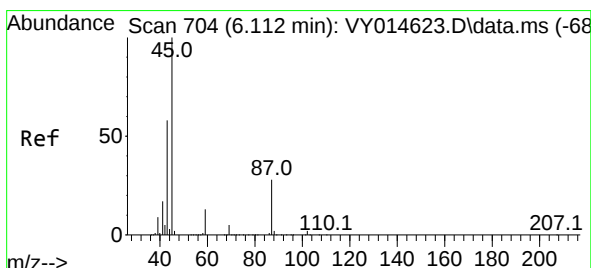
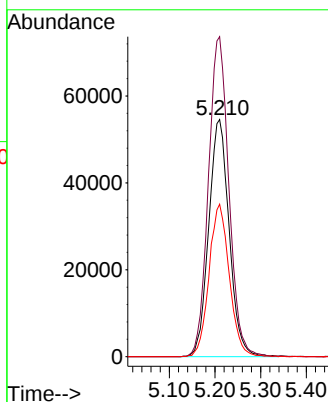
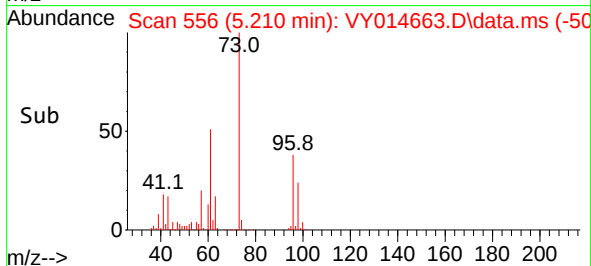
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



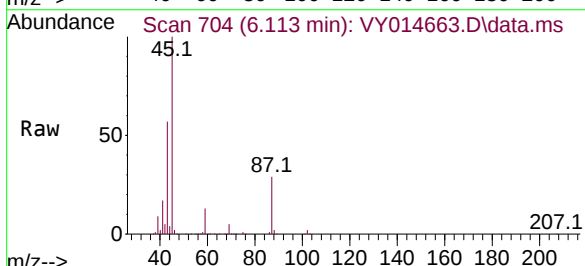
Tgt Ion: 96 Resp: 16972
Ion Ratio Lower Upper
96 100
61 134.9 110.2 165.4
98 64.3 51.8 77.6

Manual Integrations
APPROVED

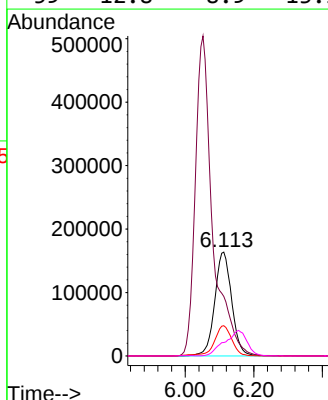
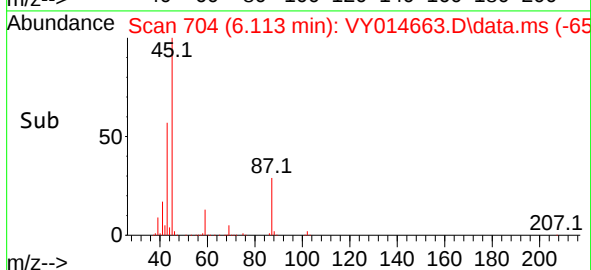
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#22
Diisopropyl ether
Concen: 51.271 ug/l
RT: 6.113 min Scan# 704
Delta R.T. 0.001 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00



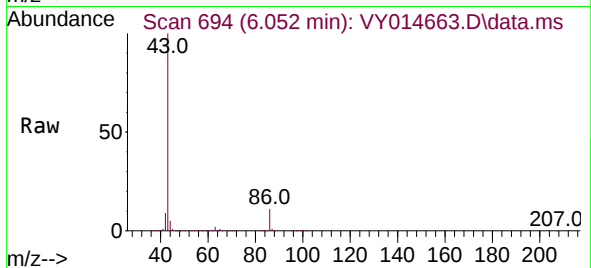
Tgt Ion: 45 Resp: 560807
Ion Ratio Lower Upper
45 100
43 57.3 52.2 78.4
87 29.1 21.0 31.6
59 12.8 8.9 13.3





#23
 Vinyl Acetate
 Concen: 270.135 ug/l
 RT: 6.052 min Scan# 694
 Delta R.T. 0.001 min
 Lab File: VY014663.D
 Acq: 17 Jul 2023 11:00

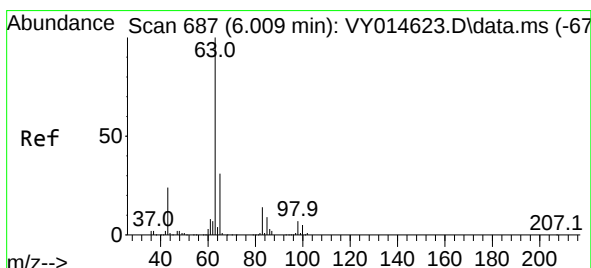
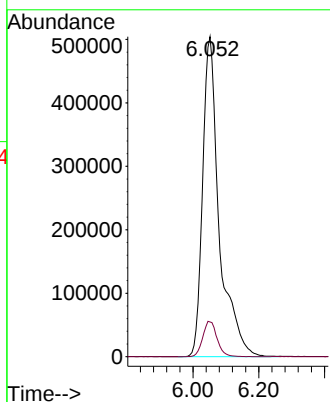
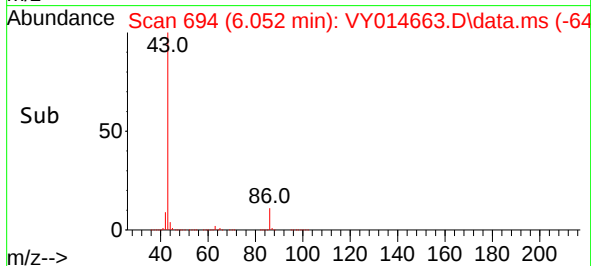
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



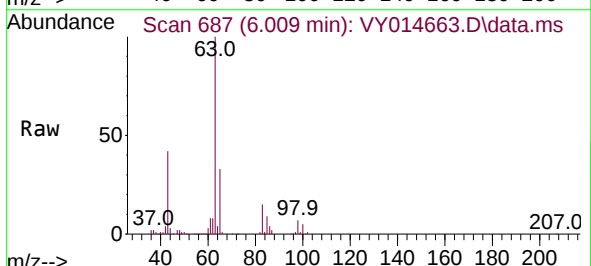
Tgt Ion: 43 Resp: 1768210
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.5 11.3

Manual Integrations
 APPROVED

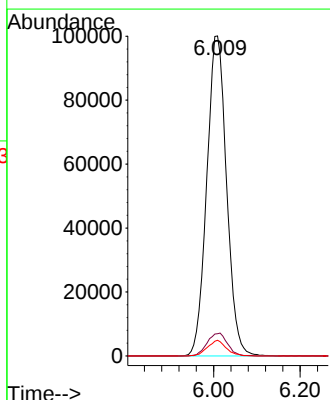
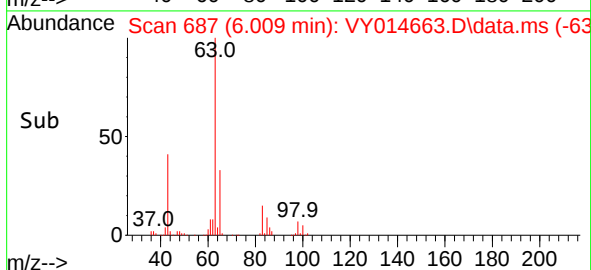
Reviewed By :John Carlone 07/18/2023
 Supervised By :Mahesh Dadoda 07/18/2023



#24
 1,1-Dichloroethane
 Concen: 50.820 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY014663.D
 Acq: 17 Jul 2023 11:00



Tgt Ion: 63 Resp: 318064
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.1 9.4
 100 4.9 1.8 5.5





#25

2-Butanone

Concen: 302.286 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY014663.D

Acq: 17 Jul 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 49138

Ion Ratio Lower Upper

43 100

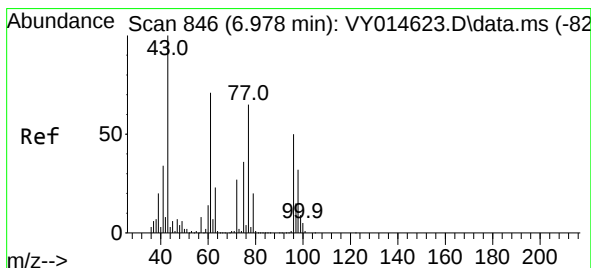
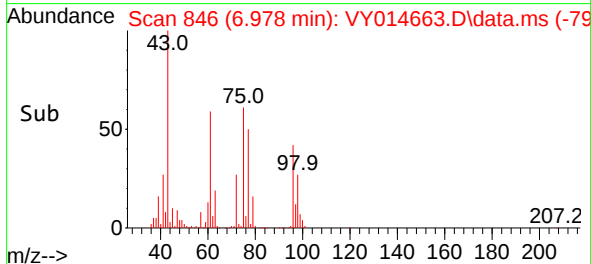
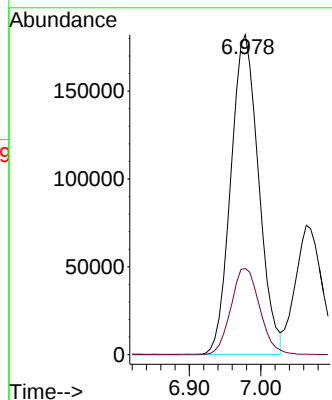
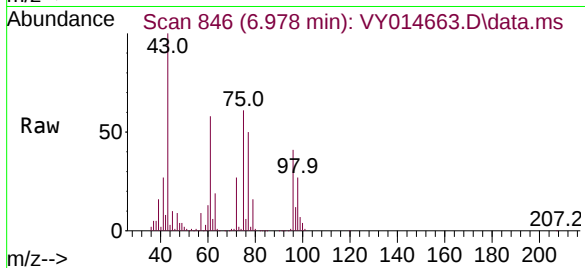
72 26.9 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#26

2,2-Dichloropropane

Concen: 49.588 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY014663.D

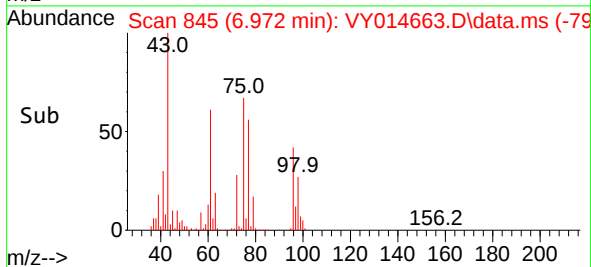
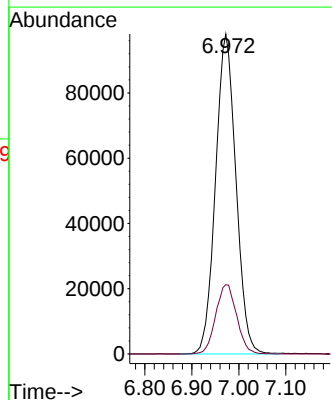
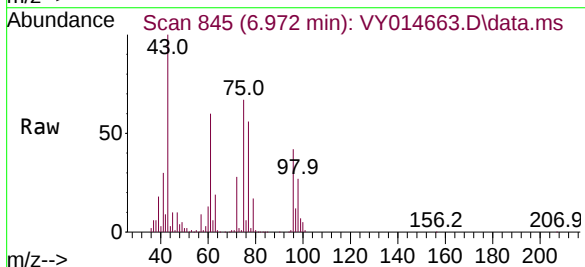
Acq: 17 Jul 2023 11:00

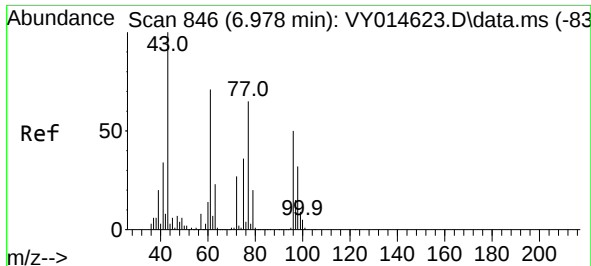
Tgt Ion: 77 Resp: 295779

Ion Ratio Lower Upper

77 100

97 22.2 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 51.789 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY014663.D

Acq: 17 Jul 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 207280

Ion Ratio Lower Upper

96 100

61 144.6 0.0 301.4

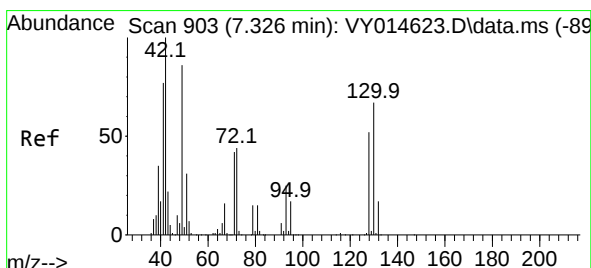
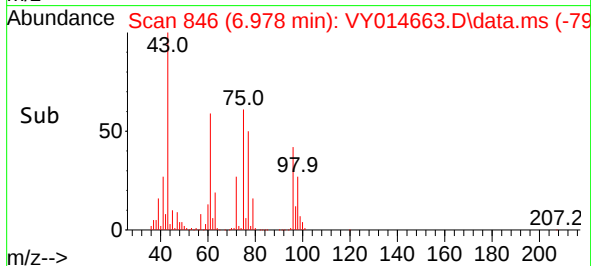
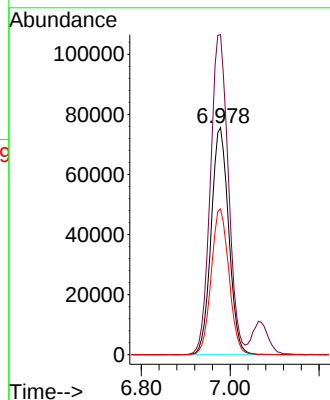
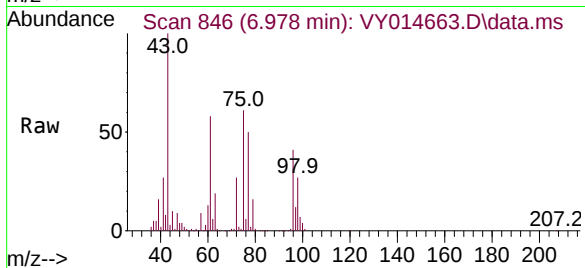
98 64.9 0.0 130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#28

Bromochloromethane

Concen: 51.284 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.000 min

Lab File: VY014663.D

Acq: 17 Jul 2023 11:00

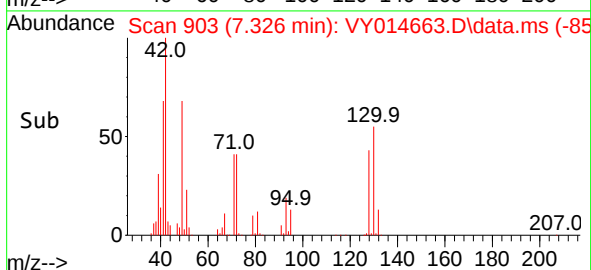
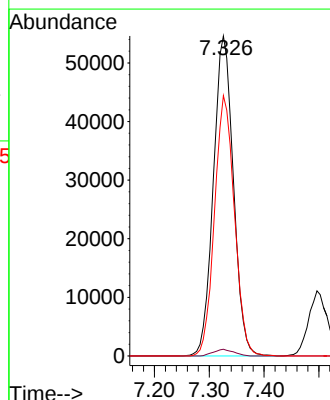
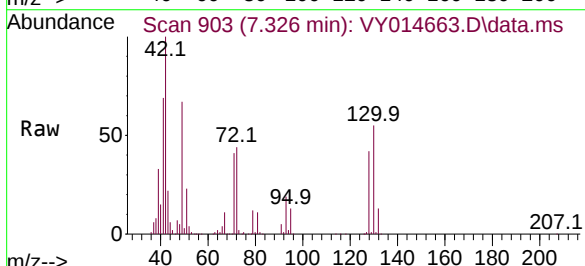
Tgt Ion: 49 Resp: 138233

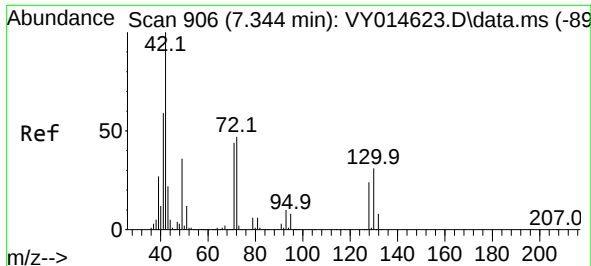
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 80.9 60.7 91.1





#29

Tetrahydrofuran

Concen: 303.847 ug/l

RT: 7.338 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY014663.D

Acq: 17 Jul 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

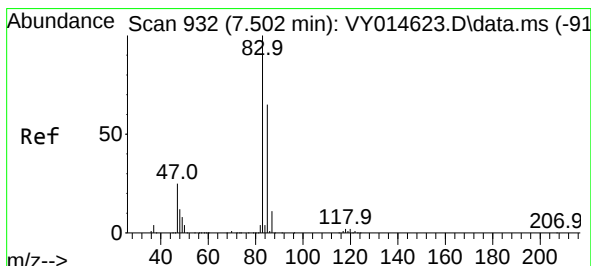
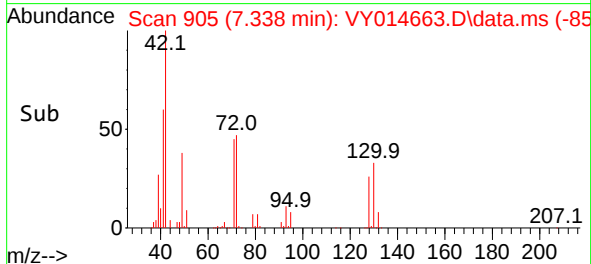
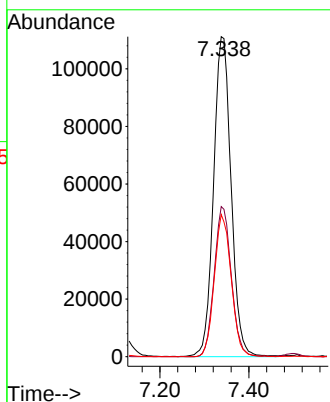
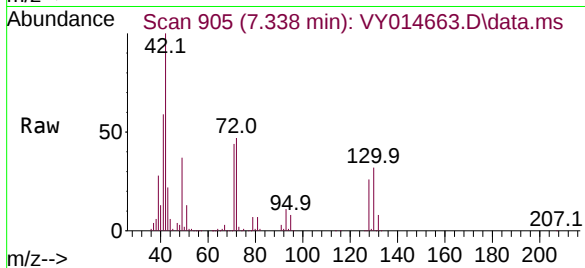
Tgt Ion:	42	Resp:	30413
Ion Ratio	Lower	Upper	
42	100		
72	45.7	32.8	49.2
71	42.9	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#30

Chloroform

Concen: 51.429 ug/l

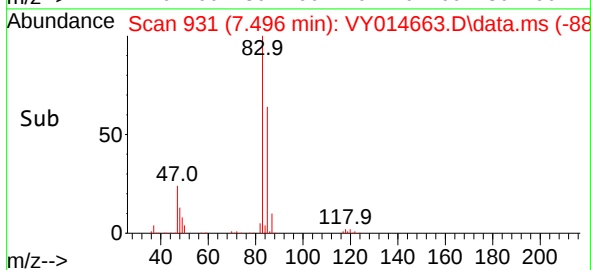
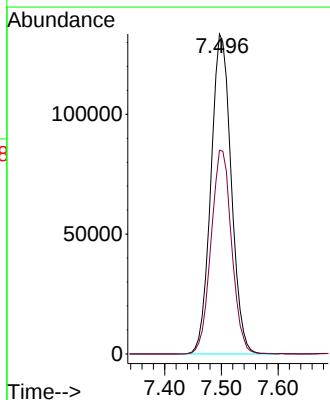
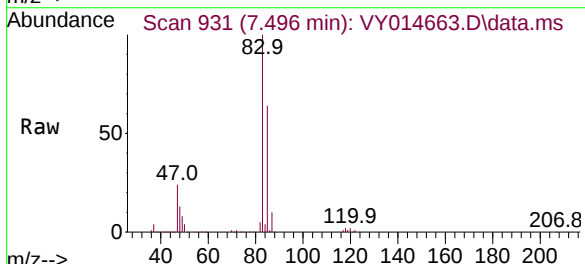
RT: 7.496 min Scan# 931

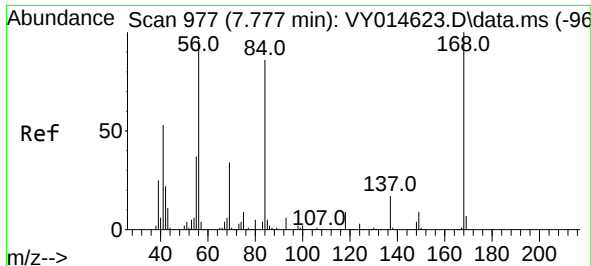
Delta R.T. -0.006 min

Lab File: VY014663.D

Acq: 17 Jul 2023 11:00

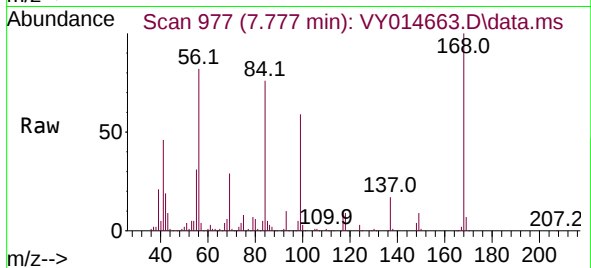
Tgt Ion:	83	Resp:	331918
Ion Ratio	Lower	Upper	
83	100		
85	63.6	49.7	74.5





#31
Cyclohexane
Concen: 44.399 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

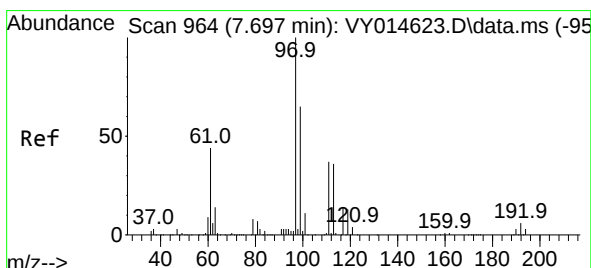
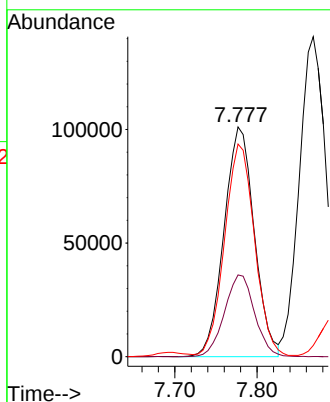
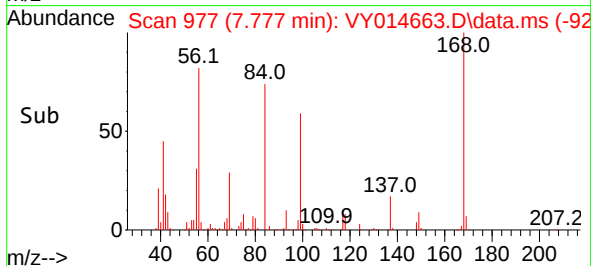
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 258420
Ion Ratio Lower Upper
56 100
69 35.5 27.8 41.6
84 91.0 66.4 99.6

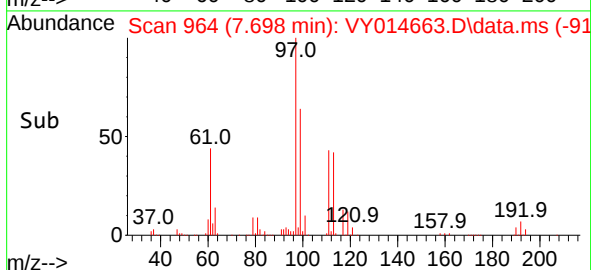
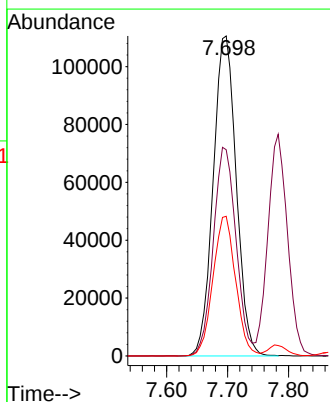
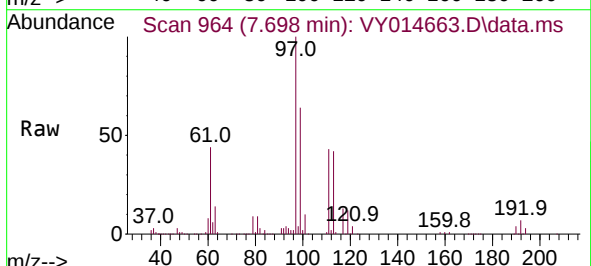
Manual Integrations
APPROVED

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



#32
1,1,1-Trichloroethane
Concen: 50.085 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.001 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

Tgt Ion: 97 Resp: 290926
Ion Ratio Lower Upper
97 100
99 64.2 50.8 76.2
61 42.9 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 49.950 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY014663.D

Acq: 17 Jul 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 17514

Ion Ratio Lower Upper

65 100

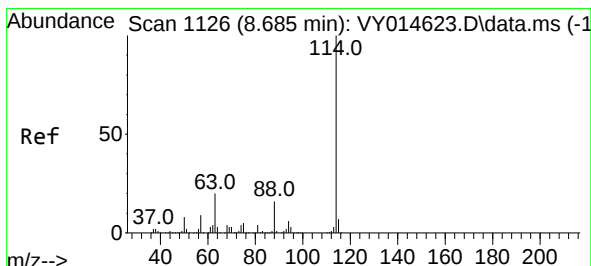
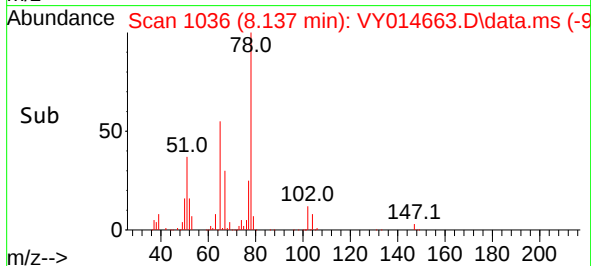
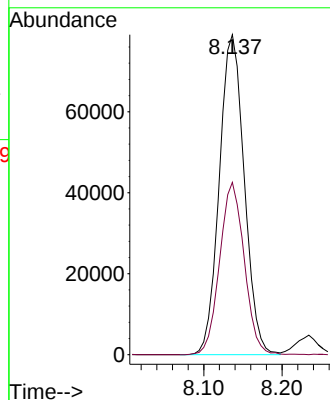
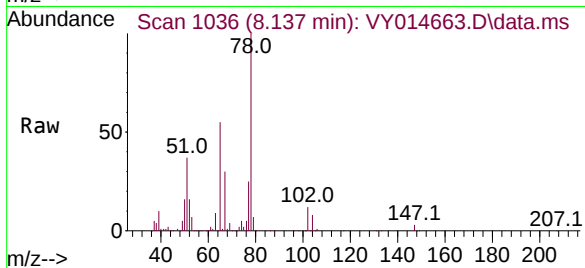
67 53.0 0.0 101.8

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: VY014663.D

Acq: 17 Jul 2023 11:00

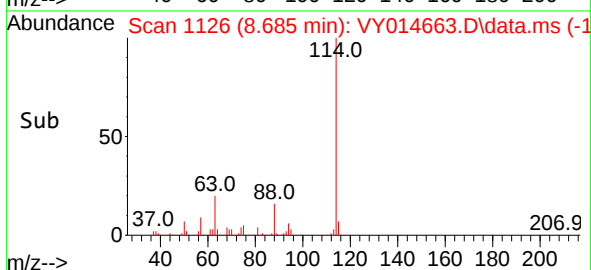
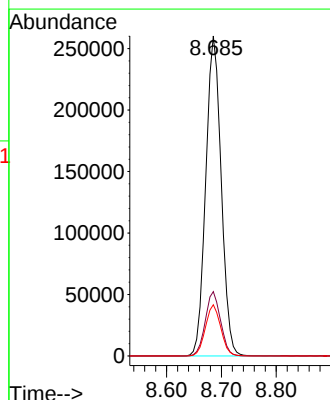
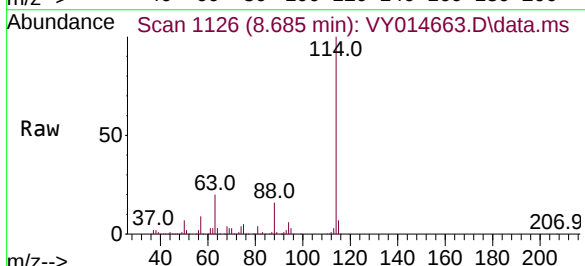
Tgt Ion:114 Resp: 507929

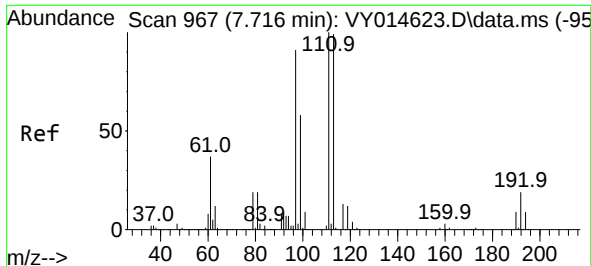
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.4

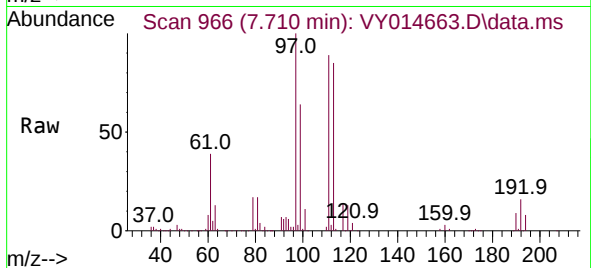
88 16.0 0.0 30.6





#35
Dibromofluoromethane
Concen: 49.991 ug/l
RT: 7.710 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

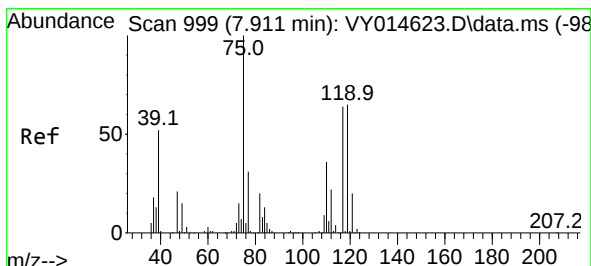
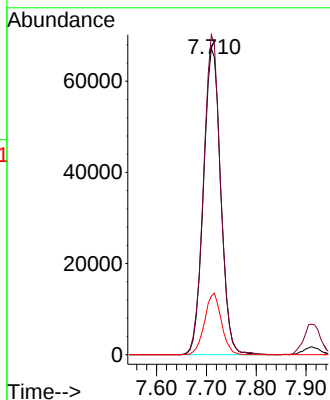
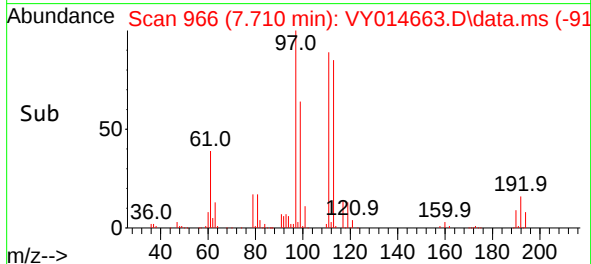
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 16163
Ion Ratio Lower Upper
113 100
111 102.7 81.3 121.9
192 19.6 16.9 25.3

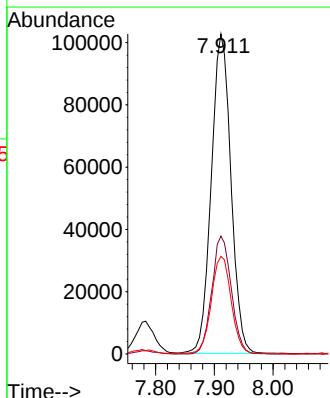
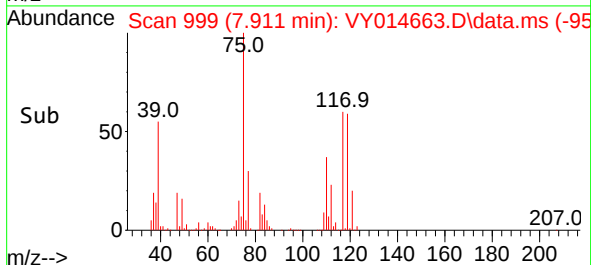
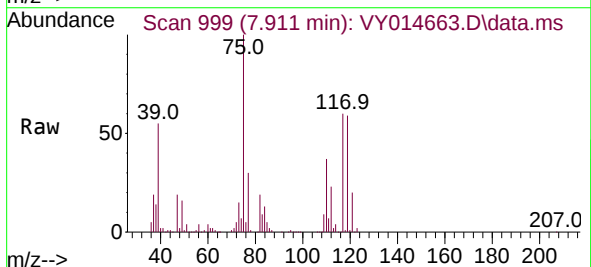
Manual Integrations
APPROVED

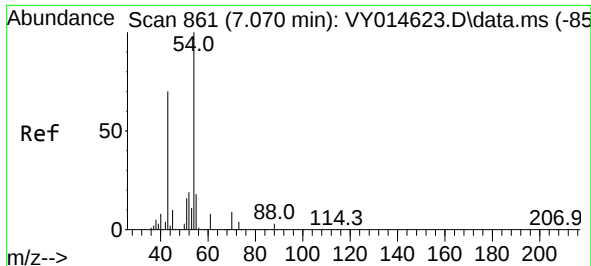
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#36
1,1-Dichloropropene
Concen: 49.224 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

Tgt Ion: 75 Resp: 238015
Ion Ratio Lower Upper
75 100
110 36.5 17.8 53.5
77 31.0 24.4 36.6





#37

Ethyl Acetate

Concen: 58.767 ug/l

RT: 7.064 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY014663.D

Acq: 17 Jul 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 19564

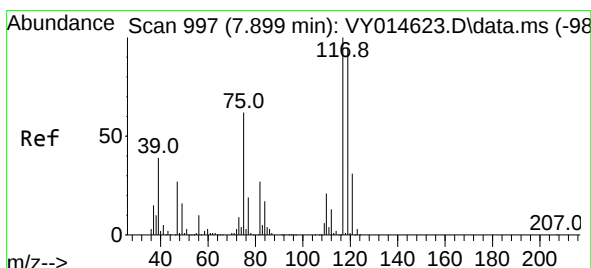
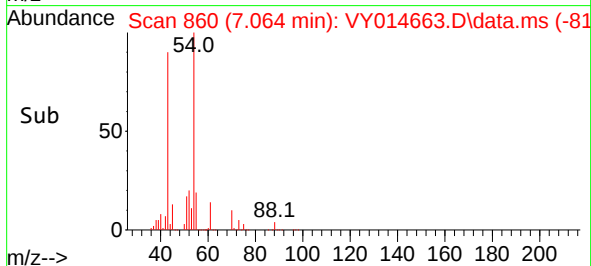
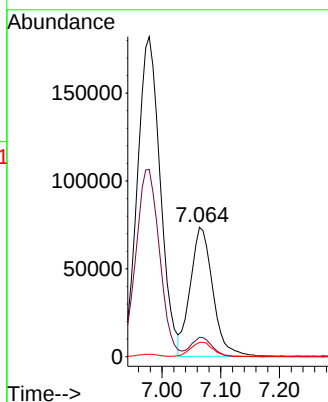
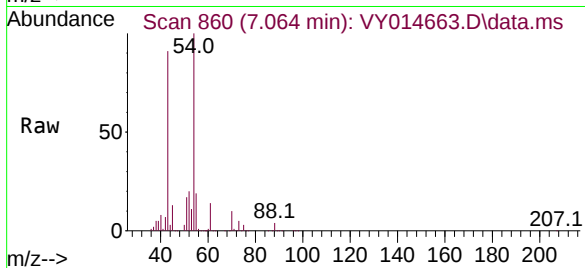
Ion	Ratio	Lower	Upper
43	100		
61	14.5	10.1	15.1
70	11.2	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#38

Carbon Tetrachloride

Concen: 50.698 ug/l

RT: 7.893 min Scan# 996

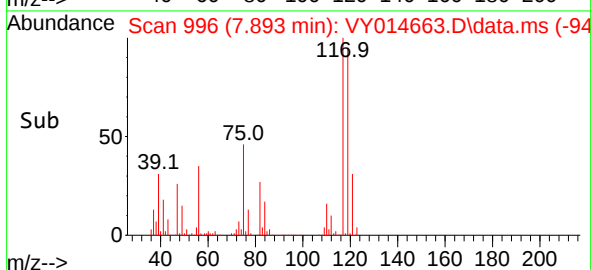
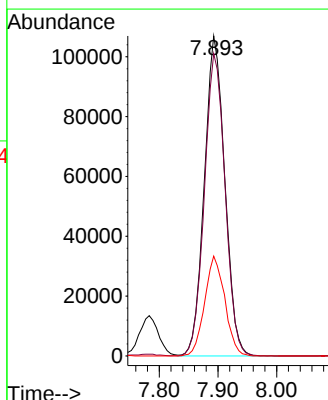
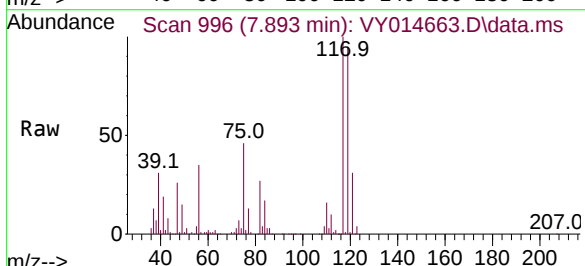
Delta R.T. -0.006 min

Lab File: VY014663.D

Acq: 17 Jul 2023 11:00

Tgt Ion:117 Resp: 259136

Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.4	114.6
121	31.2	25.8	38.6





#39

Methylcyclohexane

Concen: 47.195 ug/l

RT: 9.179 min Scan# 1207

Delta R.T. 0.000 min

Lab File: VY014663.D

Acq: 17 Jul 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 297310

Ion Ratio Lower Upper

83 100

55 75.4 63.0 94.4

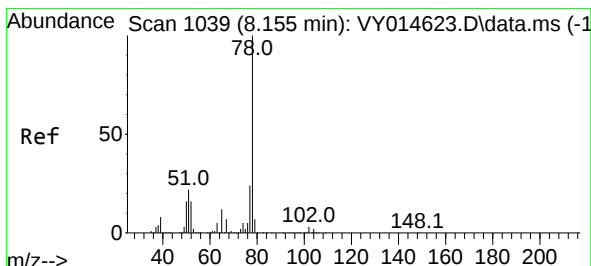
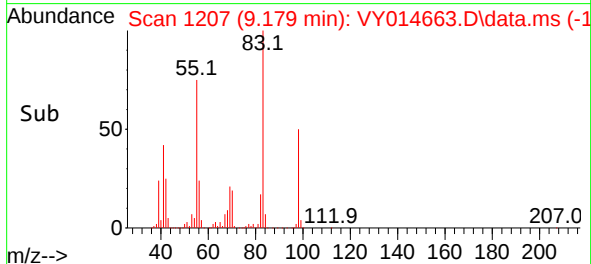
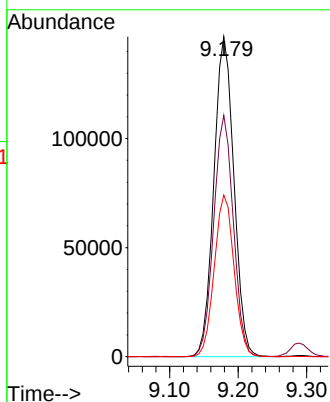
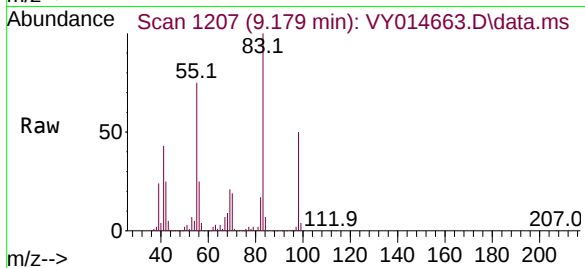
98 50.5 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#40

Benzene

Concen: 50.710 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY014663.D

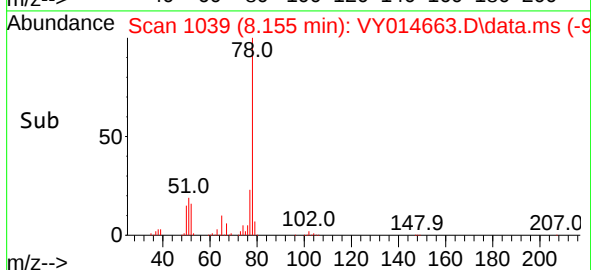
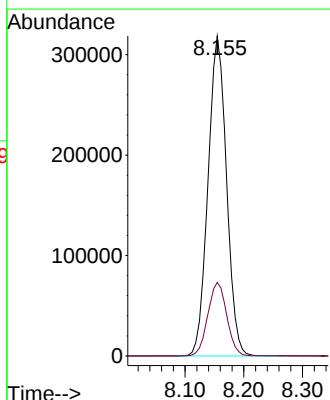
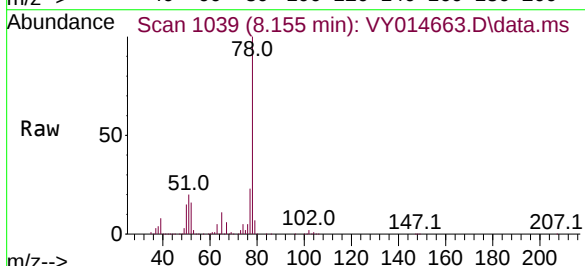
Acq: 17 Jul 2023 11:00

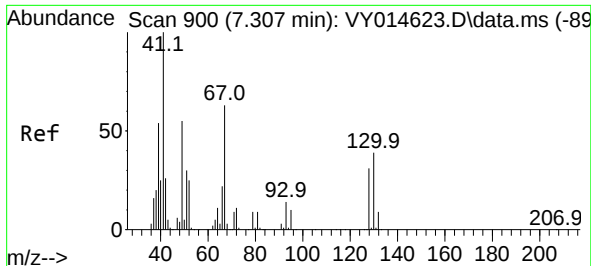
Tgt Ion: 78 Resp: 697370

Ion Ratio Lower Upper

78 100

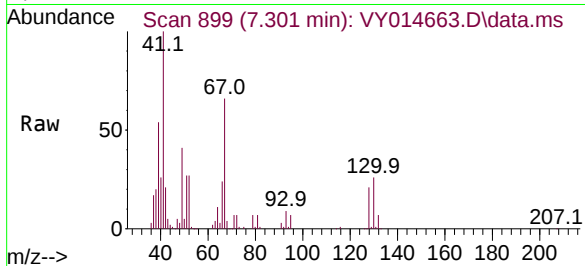
77 23.0 19.0 28.6





#41
Methacrylonitrile
Concen: 60.329 ug/l m
RT: 7.301 min Scan# 89
Delta R.T. -0.006 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

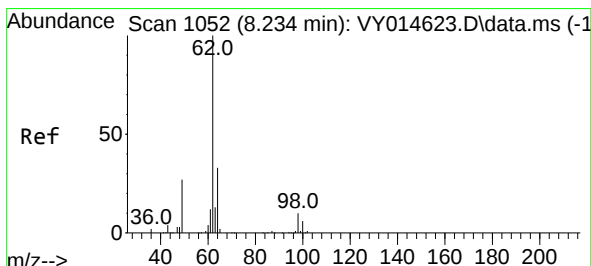
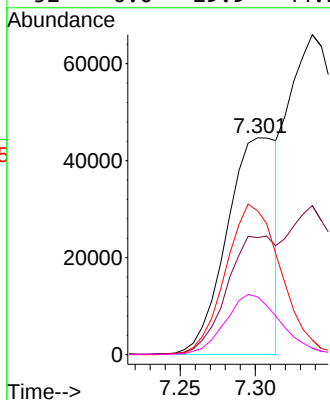
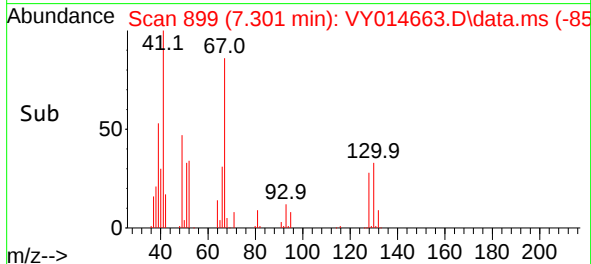
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 103300
Ion Ratio Lower Upper
41 100
39 66.4 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9#

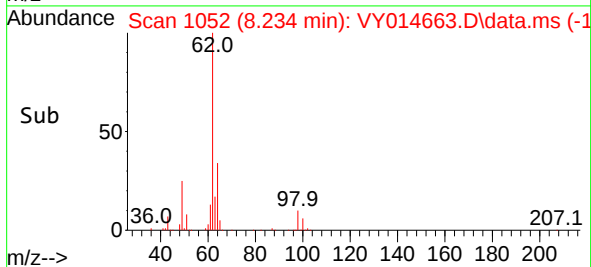
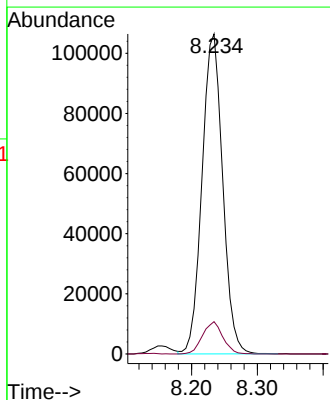
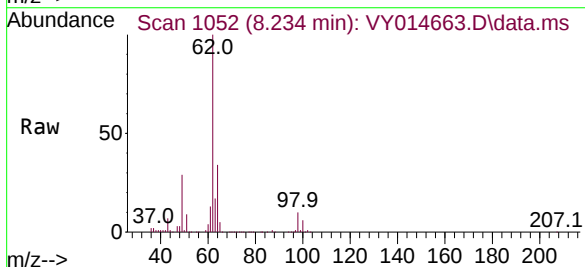
Manual Integrations
APPROVED

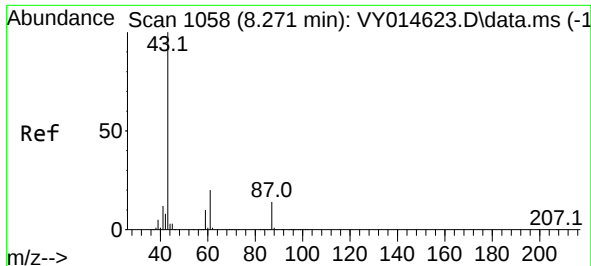
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#42
1,2-Dichloroethane
Concen: 53.297 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

Tgt Ion: 62 Resp: 232102
Ion Ratio Lower Upper
62 100
98 9.9 0.0 15.8





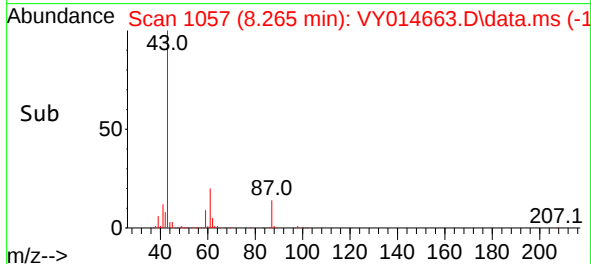
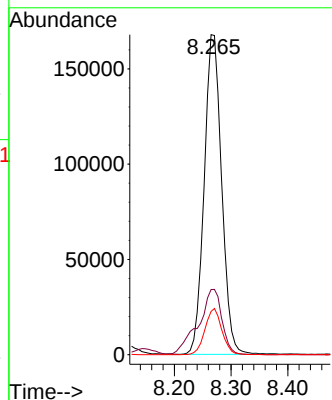
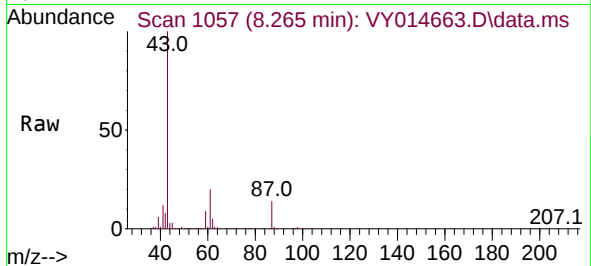
#43
Isopropyl Acetate
Concen: 56.652 ug/l
RT: 8.265 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 35927
Ion Ratio Lower Upper
43 100
61 27.6 21.1 31.7
87 14.0 9.8 14.8

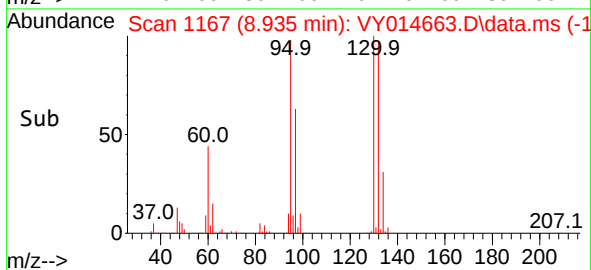
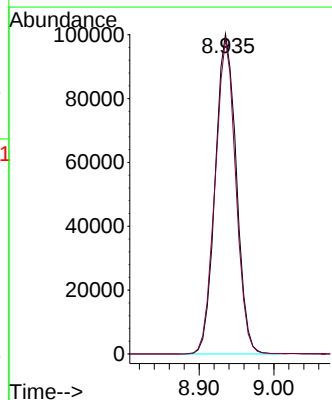
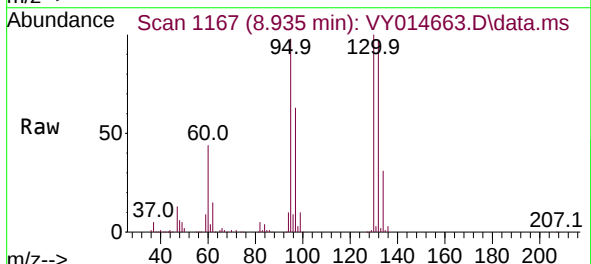
Manual Integrations
APPROVED

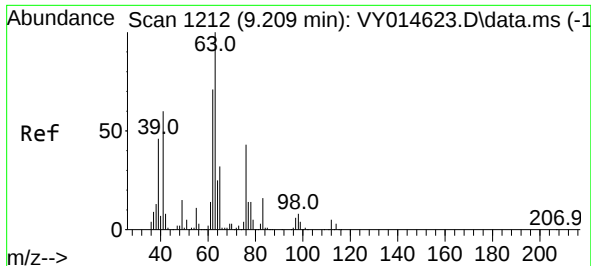
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#44
Trichloroethene
Concen: 51.027 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

Tgt Ion:130 Resp: 196338
Ion Ratio Lower Upper
130 100
95 98.4 0.0 196.0





#45

1,2-Dichloropropane

Concen: 51.032 ug/l

RT: 9.210 min Scan# 1212

Delta R.T. 0.001 min

Lab File: VY014663.D

Acq: 17 Jul 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 183254

Ion Ratio Lower Upper

63 100

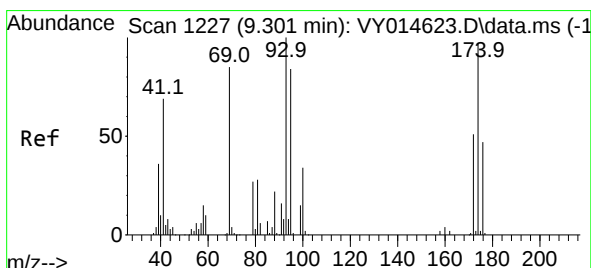
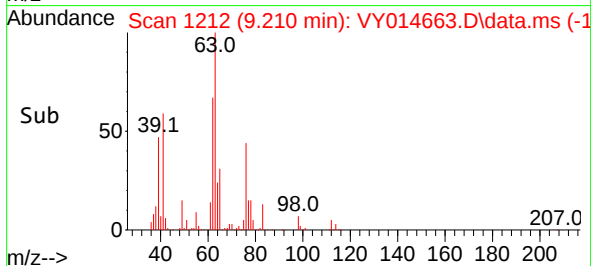
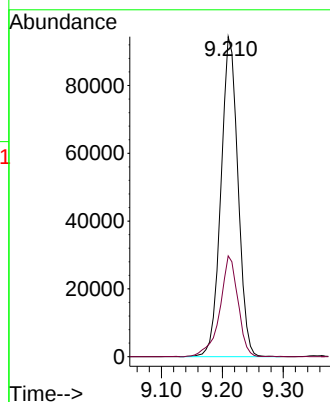
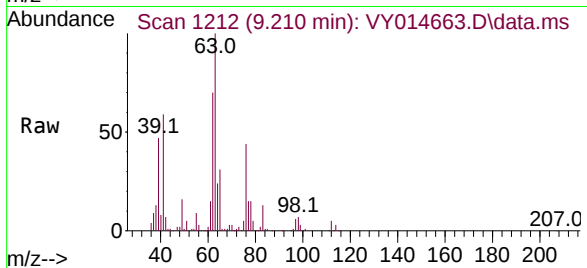
65 31.5 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#46

Dibromomethane

Concen: 53.427 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY014663.D

Acq: 17 Jul 2023 11:00

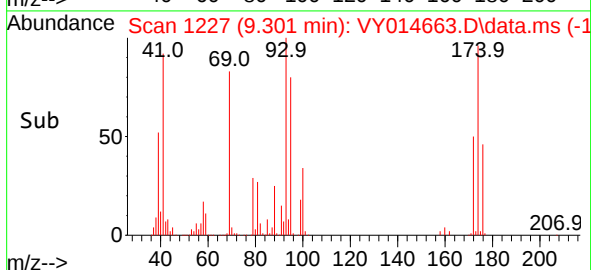
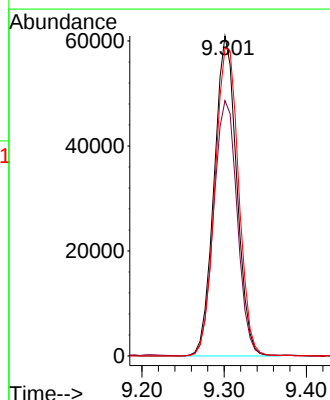
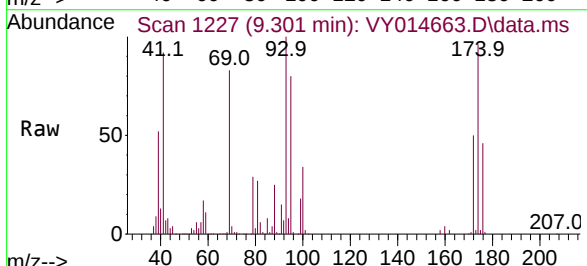
Tgt Ion: 93 Resp: 116390

Ion Ratio Lower Upper

93 100

95 82.9 66.6 100.0

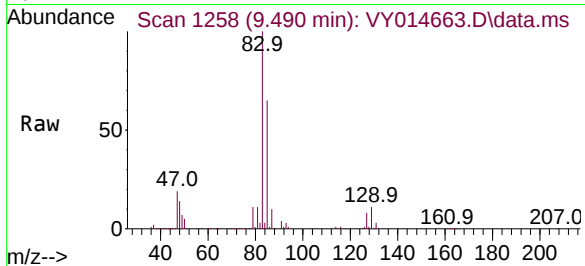
174 101.2 84.8 127.2





#47
Bromodichloromethane
Concen: 52.335 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

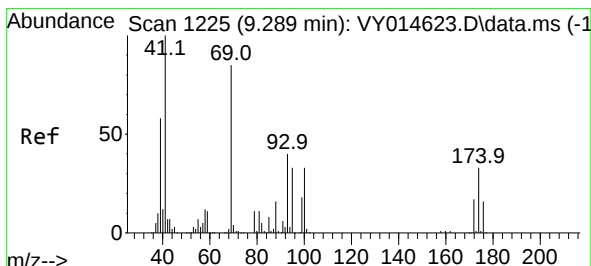
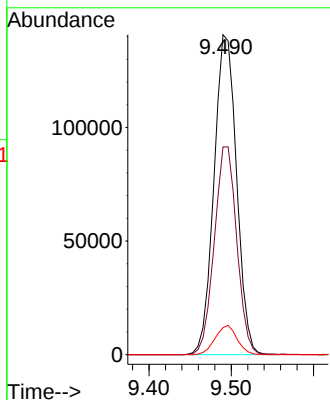
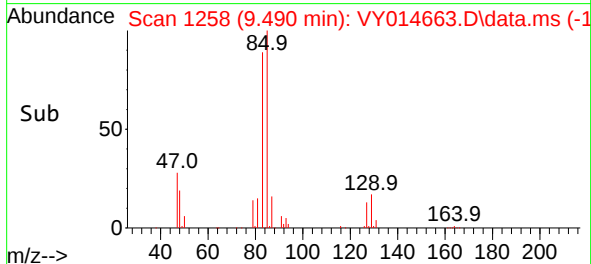
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



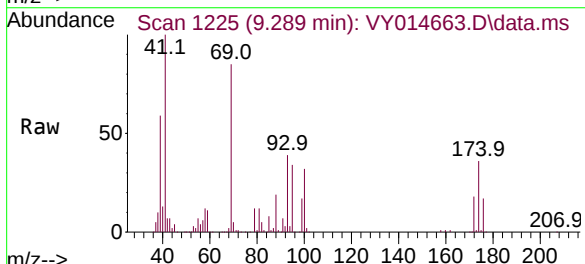
Tgt Ion: 83 Resp: 268710
Ion Ratio Lower Upper
83 100
85 64.9 50.1 75.1
127 8.4 7.1 10.7

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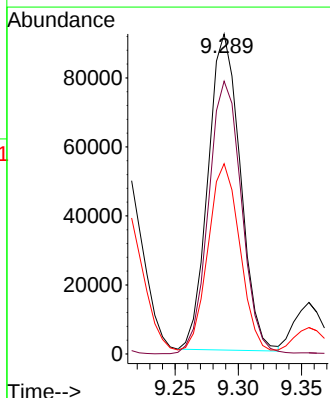
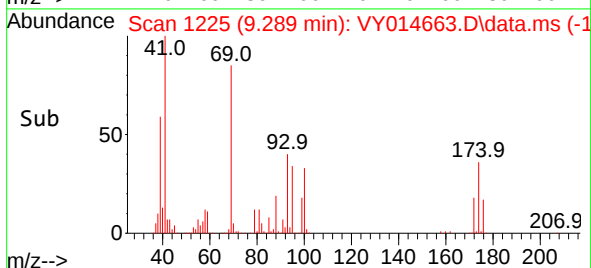
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

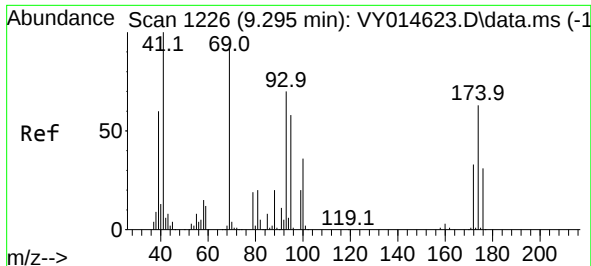


#48
Methyl methacrylate
Concen: 56.948 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00



Tgt Ion: 41 Resp: 162506
Ion Ratio Lower Upper
41 100
69 88.4 64.5 96.7
39 59.8 50.8 76.2





#49

1,4-Dioxane

Concen: 1244.023 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.006 min

Lab File: VY014663.D

Acq: 17 Jul 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

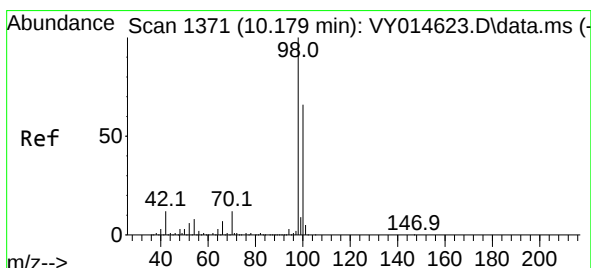
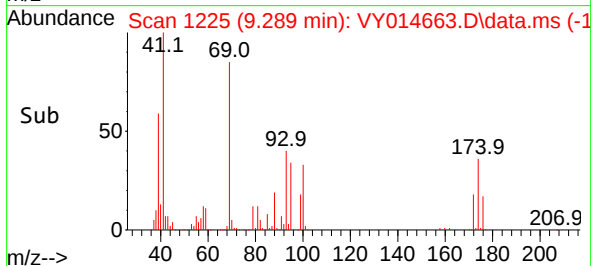
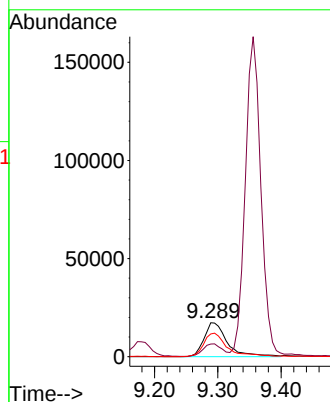
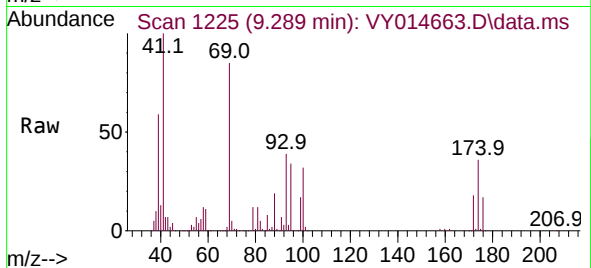
Tgt Ion: 88 Resp: 44190
 Ion Ratio Lower Upper
 88 100
 43 31.3 0.0 0.0
 58 71.5 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#50

Toluene-d8

Concen: 47.848 ug/l

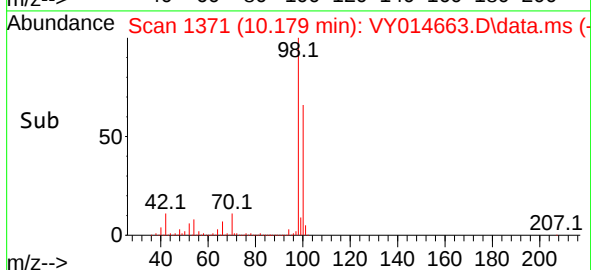
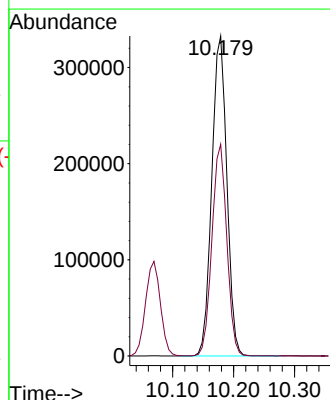
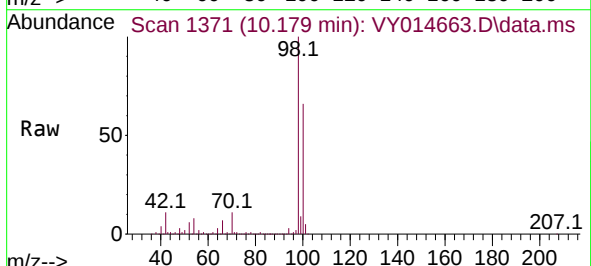
RT: 10.179 min Scan# 1371

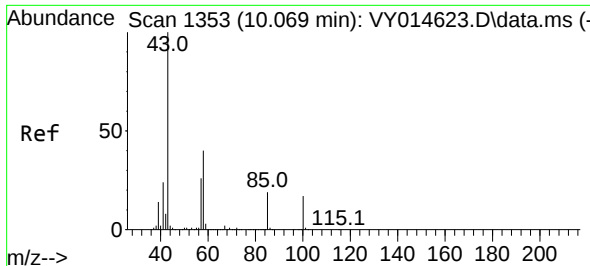
Delta R.T. -0.000 min

Lab File: VY014663.D

Acq: 17 Jul 2023 11:00

Tgt Ion: 98 Resp: 570379
 Ion Ratio Lower Upper
 98 100
 100 65.3 50.1 75.1





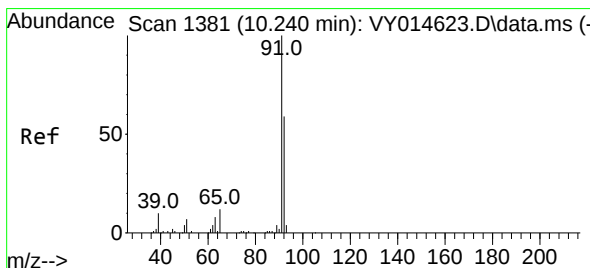
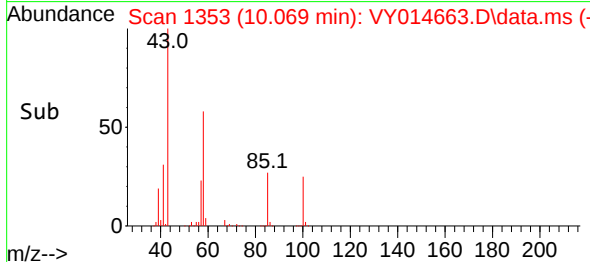
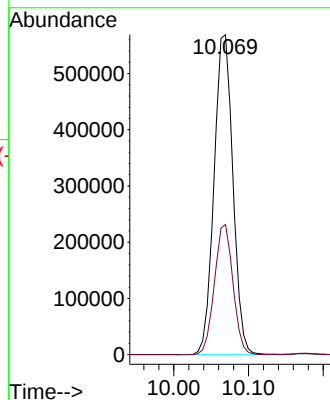
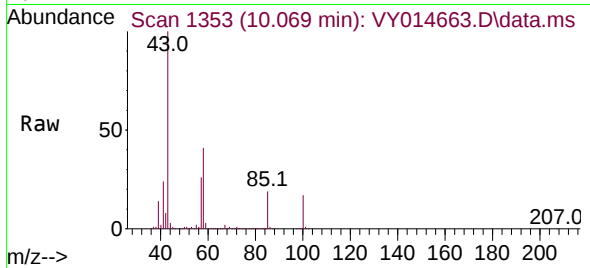
#51
4-Methyl-2-Pentanone
Concen: 299.151 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 996079
Ion Ratio Lower Upper
43 100
58 40.1 29.0 43.6

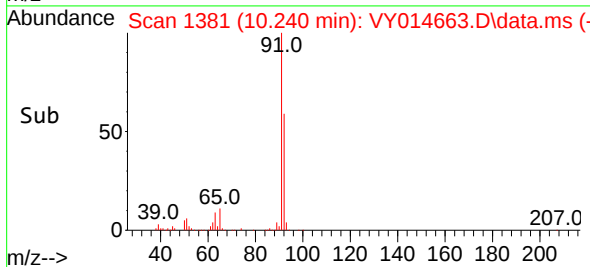
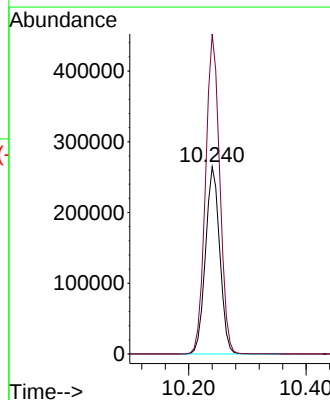
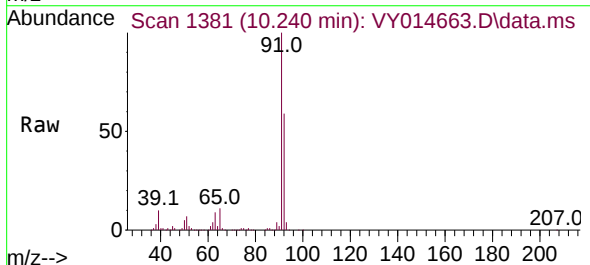
Manual Integrations
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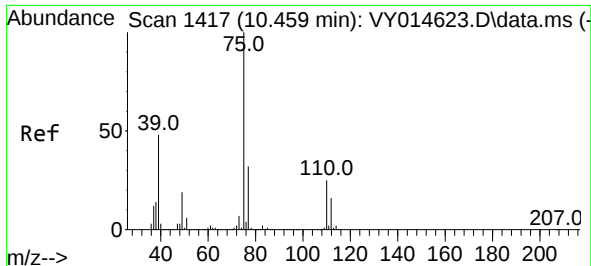
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#52
Toluene
Concen: 50.549 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

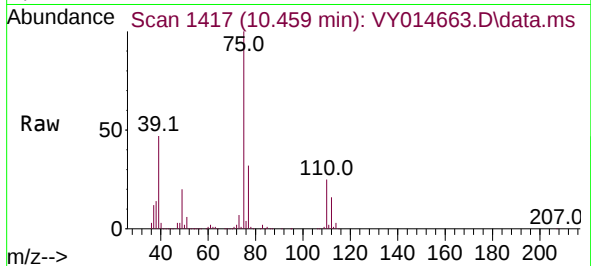
Tgt Ion: 92 Resp: 444829
Ion Ratio Lower Upper
92 100
91 170.9 143.8 215.6





#53
t-1,3-Dichloropropene
Concen: 52.530 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

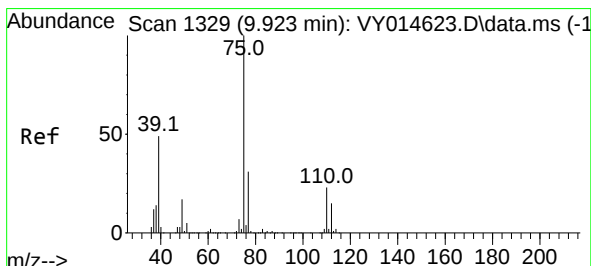
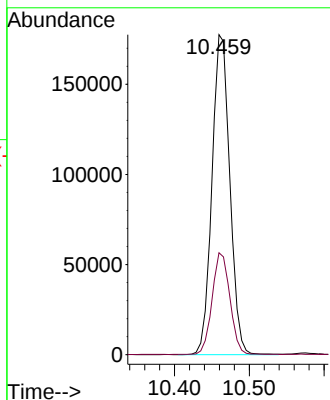
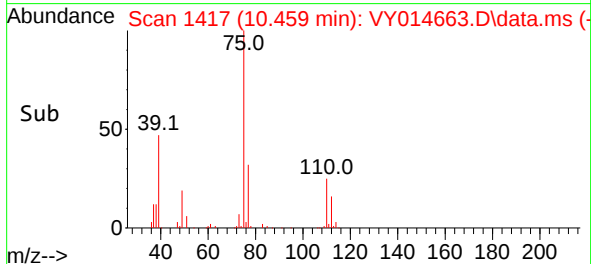
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 295020
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.4

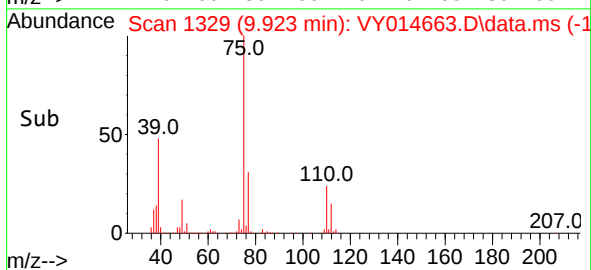
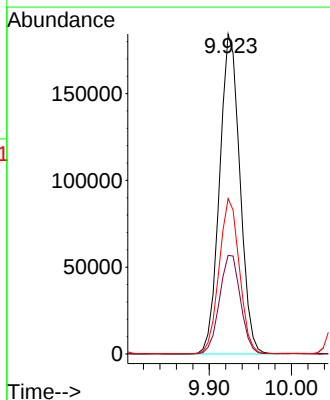
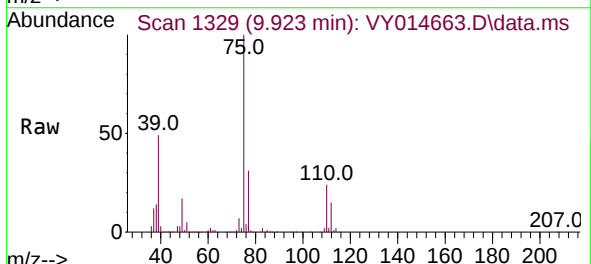
Manual Integrations
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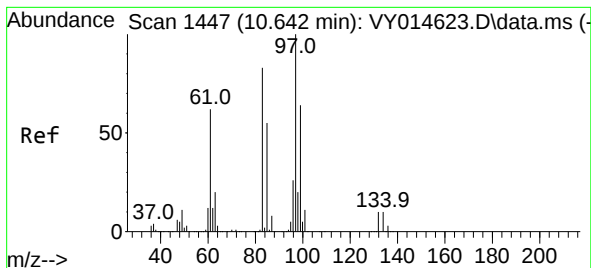
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#54
cis-1,3-Dichloropropene
Concen: 51.871 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

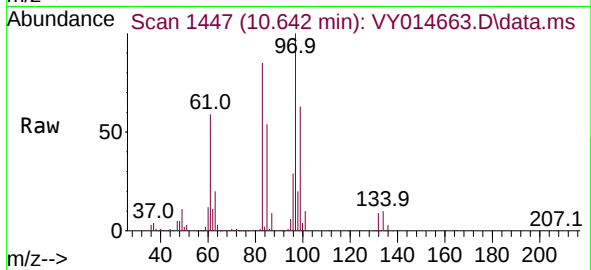
Tgt Ion: 75 Resp: 316801
Ion Ratio Lower Upper
75 100
77 30.8 24.2 36.4
39 48.5 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 54.570 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

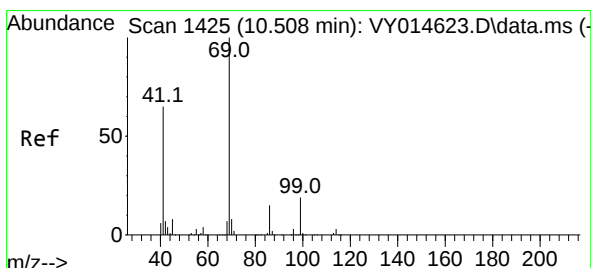
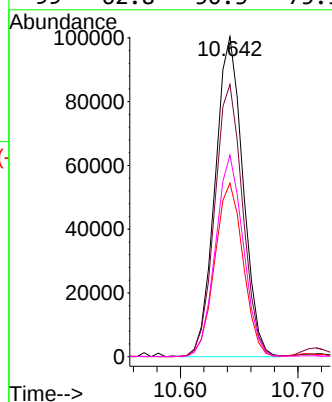
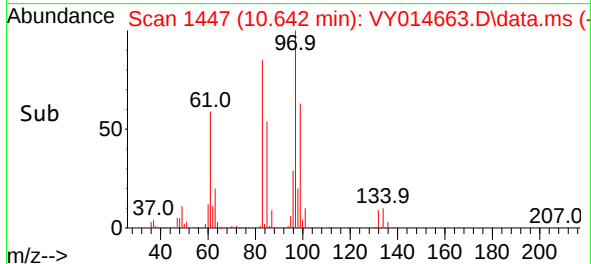
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 165594
Ion Ratio Lower Upper
97 100
83 84.9 72.0 108.0
85 54.1 45.4 68.0
99 62.8 50.3 75.5

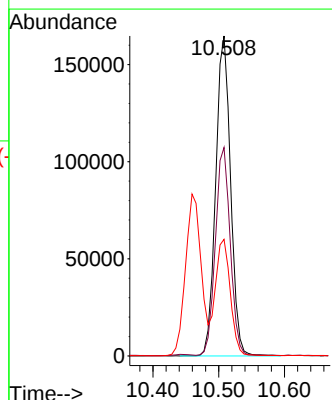
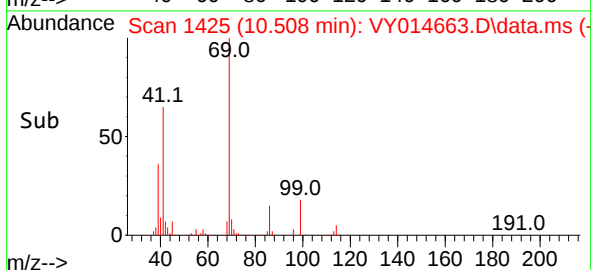
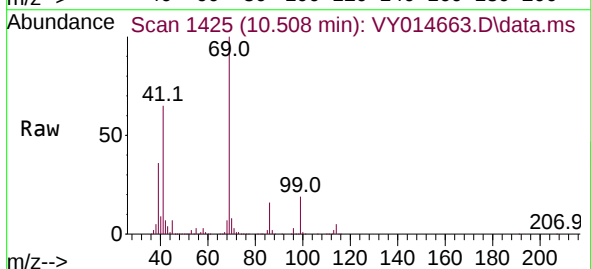
Manual Integrations
APPROVED

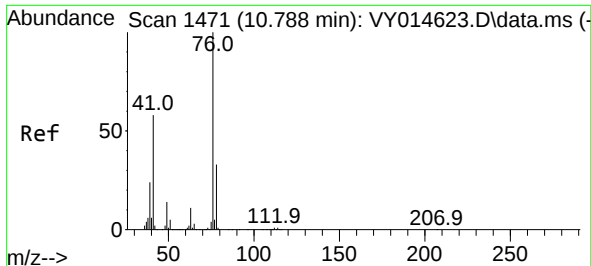
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#56
Ethyl methacrylate
Concen: 55.941 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

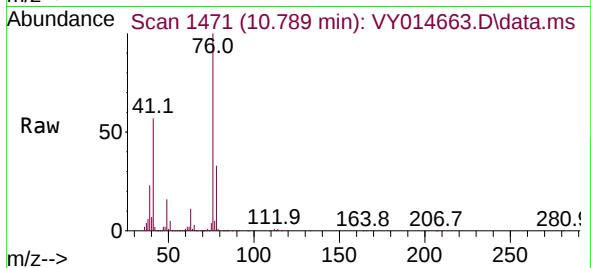
Tgt Ion: 69 Resp: 259186
Ion Ratio Lower Upper
69 100
41 64.8 57.6 86.4
39 36.7 34.1 51.1





#57
1,3-Dichloropropane
Concen: 53.754 ug/l
RT: 10.789 min Scan# 1471
Delta R.T. 0.001 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

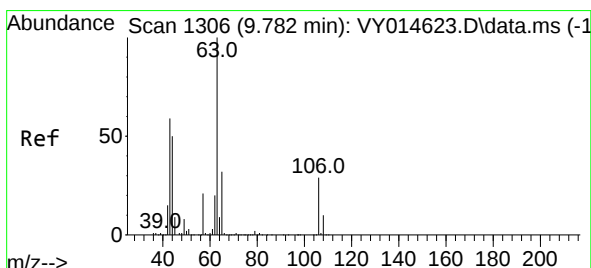
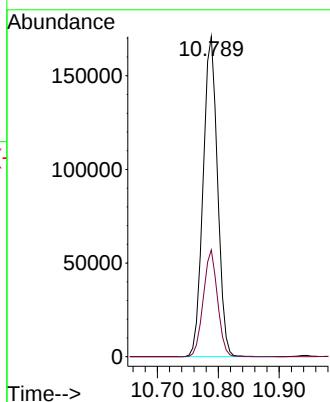
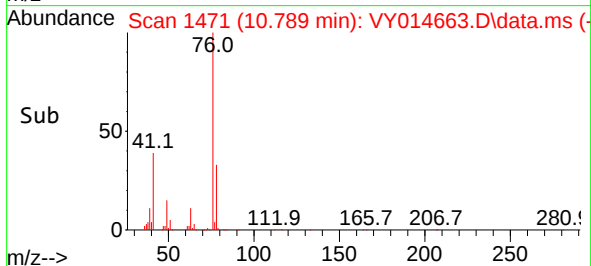
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 281348
Ion Ratio Lower Upper
76 100
78 32.8 25.3 37.9

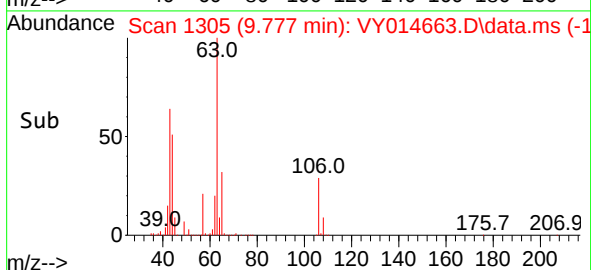
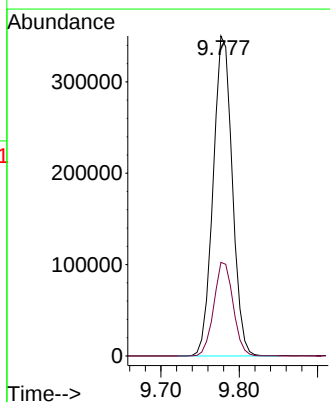
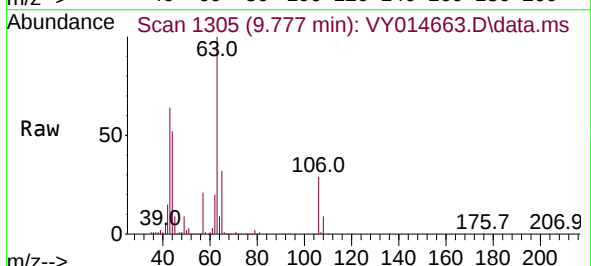
Manual Integrations
APPROVED

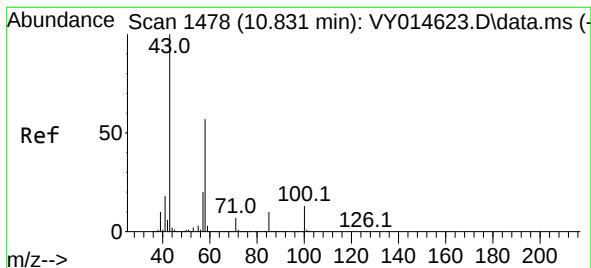
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#58
2-Chloroethyl Vinyl ether
Concen: 275.760 ug/l
RT: 9.777 min Scan# 1305
Delta R.T. -0.005 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

Tgt Ion: 63 Resp: 595315
Ion Ratio Lower Upper
63 100
106 29.5 21.2 31.8





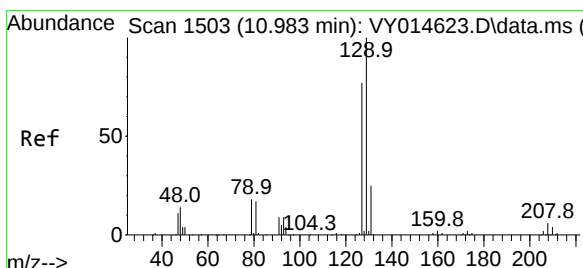
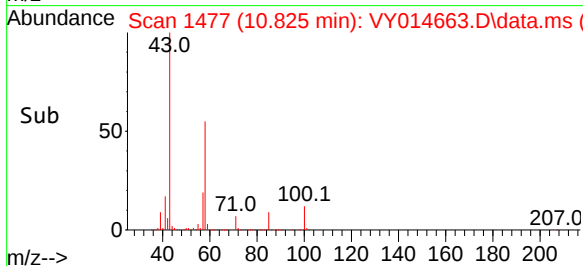
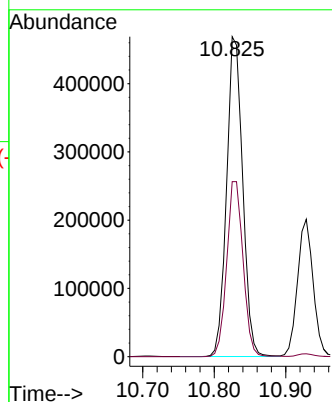
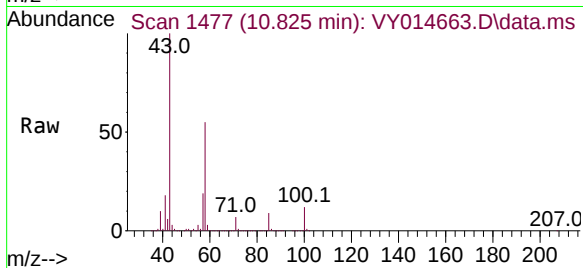
#59
2-Hexanone
Concen: 301.691 ug/l
RT: 10.825 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 73256
Ion Ratio Lower Upper
43 100
58 55.7 25.1 75.3

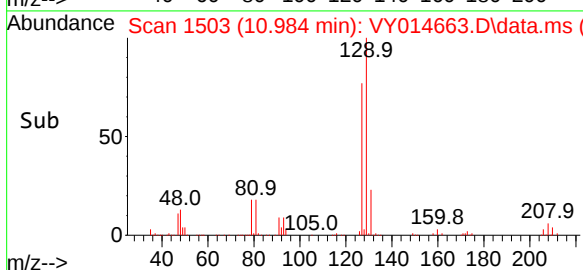
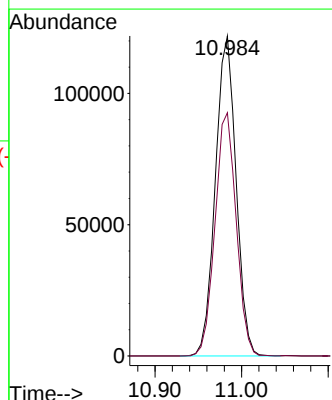
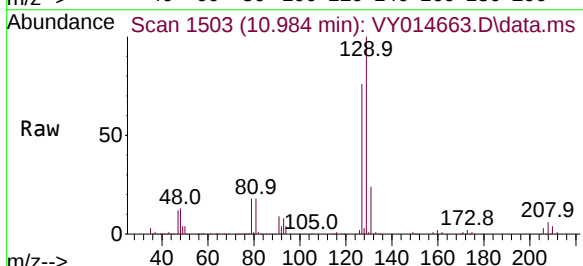
Manual Integrations
APPROVED

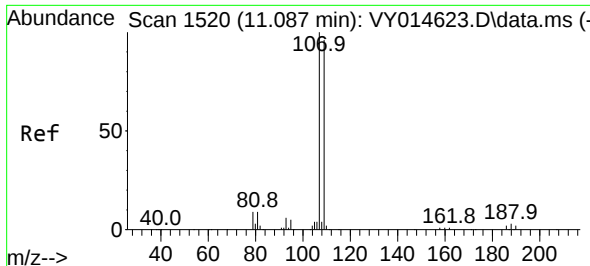
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#60
Dibromochloromethane
Concen: 54.415 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

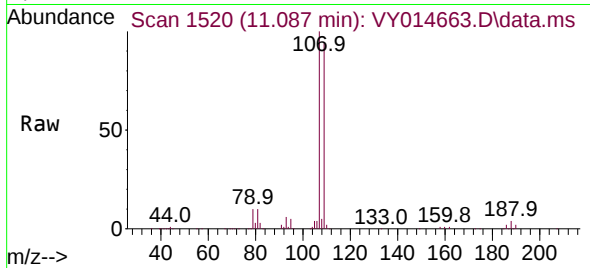
Tgt Ion:129 Resp: 202454
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.5





#61
1,2-Dibromoethane
Concen: 54.687 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

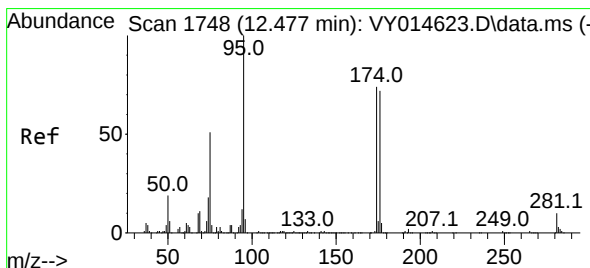
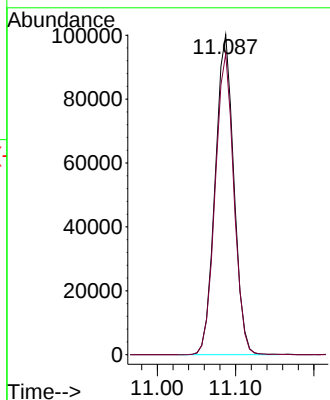
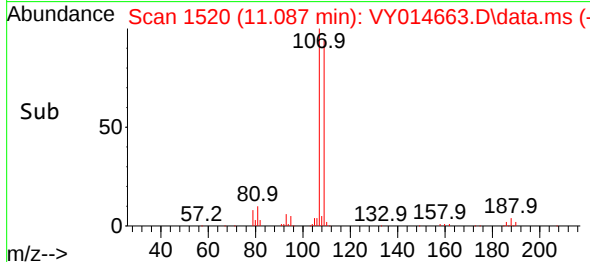
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



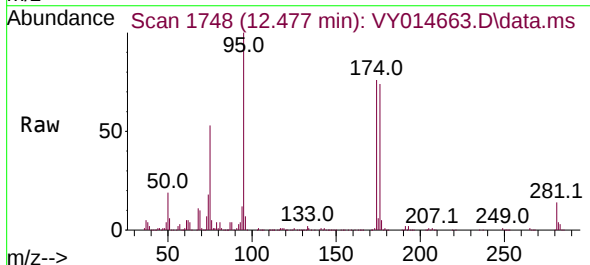
Tgt Ion:107 Resp: 16555
Ion Ratio Lower Upper
107 100
109 94.6 75.6 113.4

Manual Integrations
APPROVED

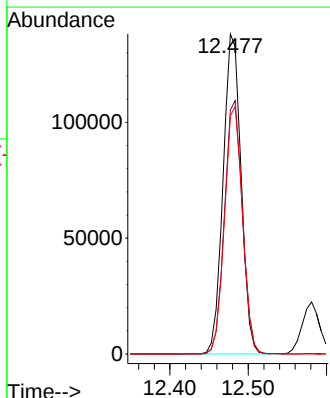
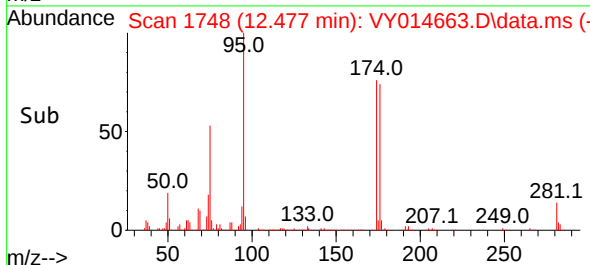
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

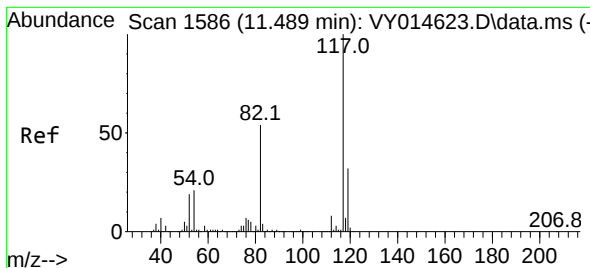


#62
4-Bromofluorobenzene
Concen: 48.195 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00



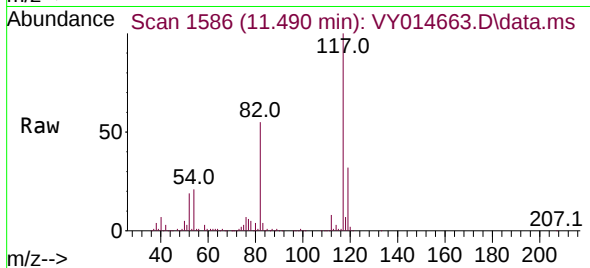
Tgt Ion: 95 Resp: 220294
Ion Ratio Lower Upper
95 100
174 78.8 0.0 178.2
176 77.6 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

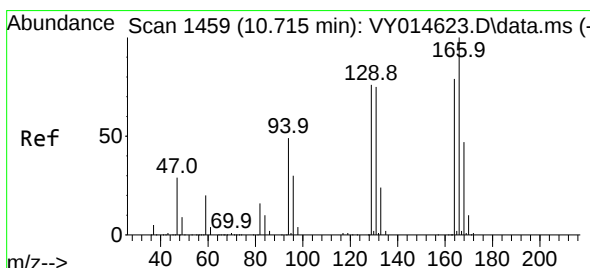
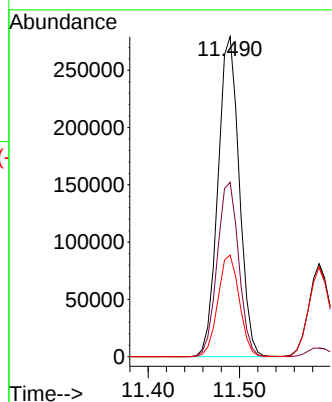
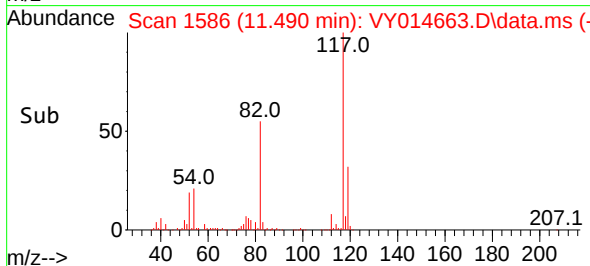
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 45144
Ion Ratio Lower Upper
117 100
82 54.5 43.4 65.0
119 31.8 26.3 39.5

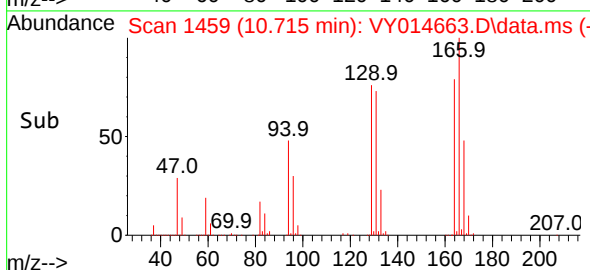
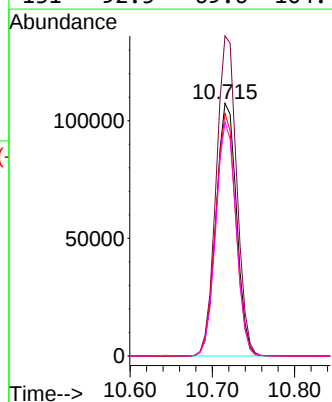
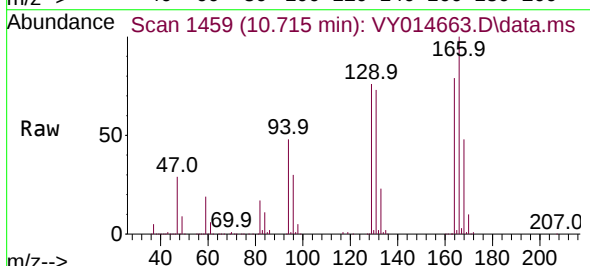
Manual Integrations
APPROVED

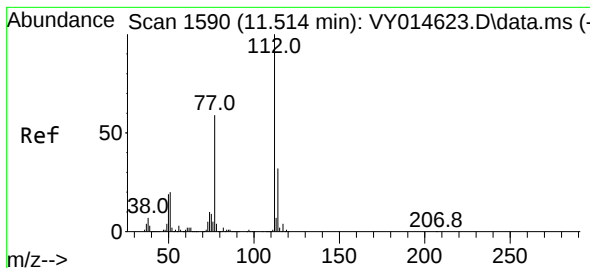
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#64
Tetrachloroethene
Concen: 51.214 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

Tgt Ion:164 Resp: 185947
Ion Ratio Lower Upper
164 100
166 126.7 103.0 154.6
129 96.0 77.2 115.8
131 92.5 69.6 104.4





#65

Chlorobenzene

Concen: 51.011 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY014663.D

Acq: 17 Jul 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:112 Resp: 490728

Ion Ratio Lower Upper

112 100

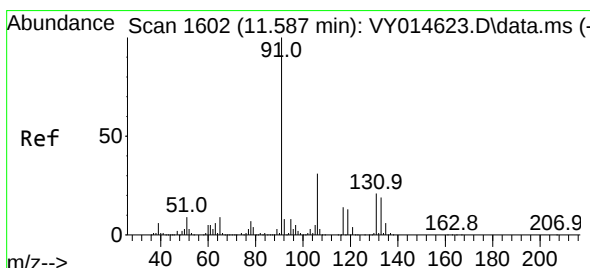
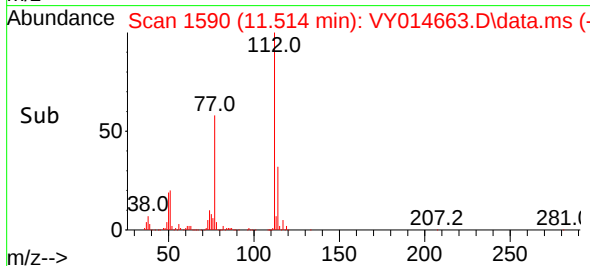
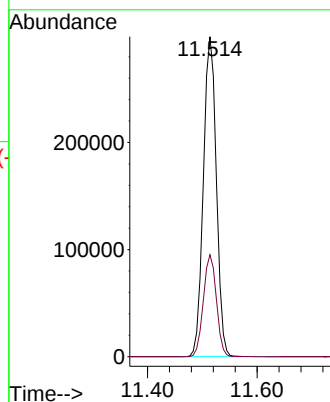
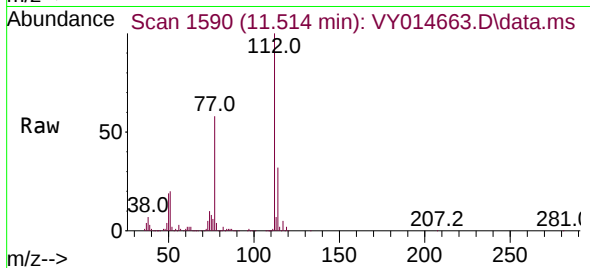
114 31.8 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#66

1,1,1,2-Tetrachloroethane

Concen: 52.947 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY014663.D

Acq: 17 Jul 2023 11:00

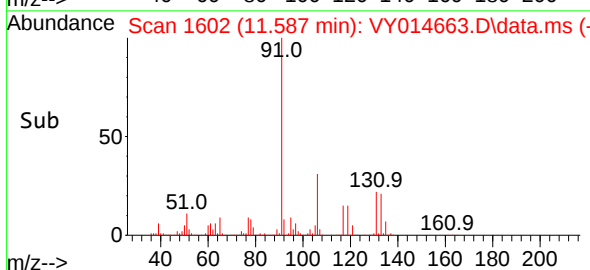
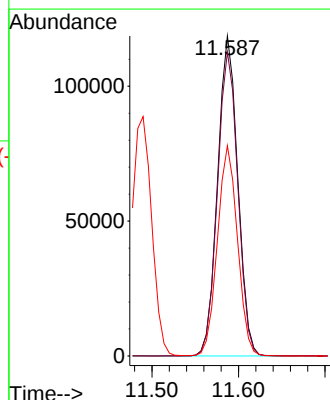
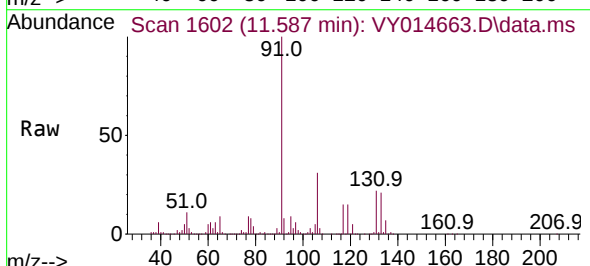
Tgt Ion:131 Resp: 192050

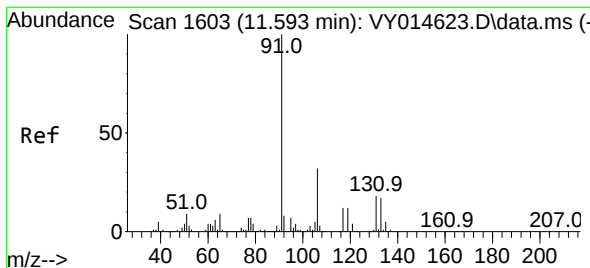
Ion Ratio Lower Upper

131 100

133 95.9 47.5 142.6

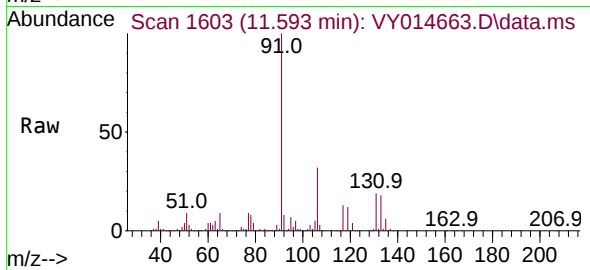
119 65.3 31.6 94.7





#67
Ethyl Benzene
Concen: 50.028 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

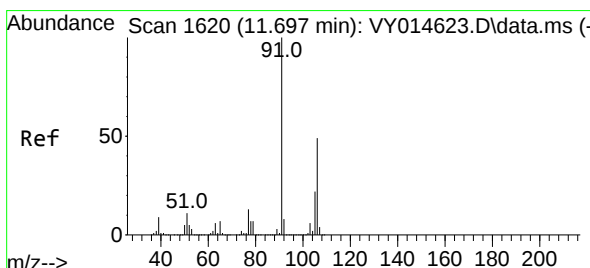
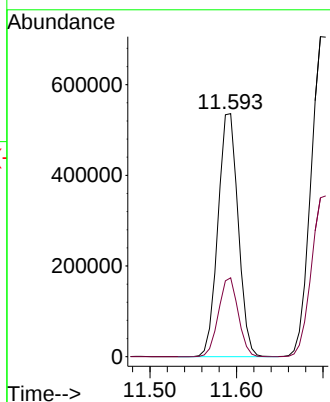
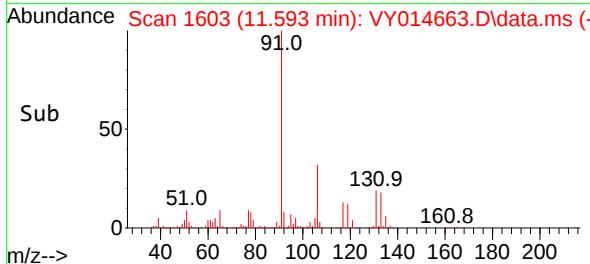
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



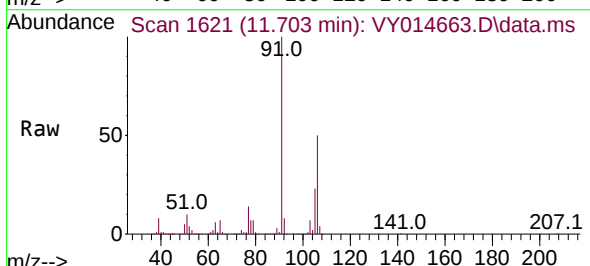
Tgt Ion: 91 Resp: 86894
Ion Ratio Lower Upper
91 100
106 32.4 24.6 36.8

Manual Integrations
APPROVED

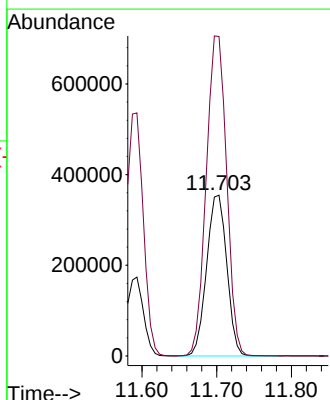
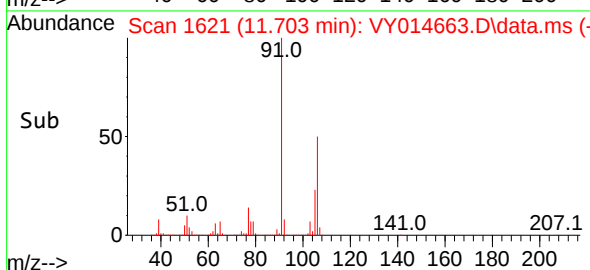
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

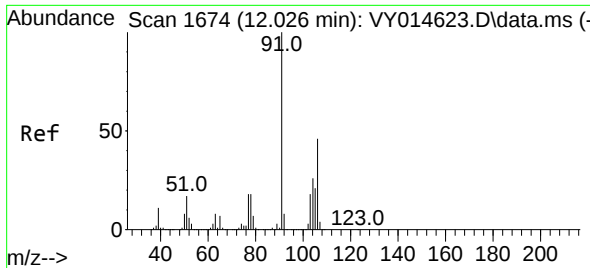


#68
m/p-Xylenes
Concen: 100.258 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00



Tgt Ion:106 Resp: 664736
Ion Ratio Lower Upper
106 100
91 201.2 166.1 249.1





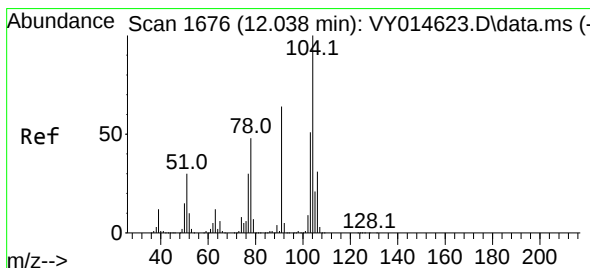
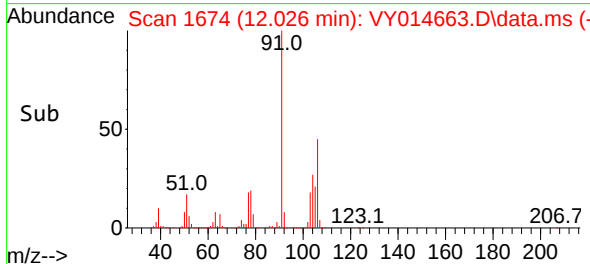
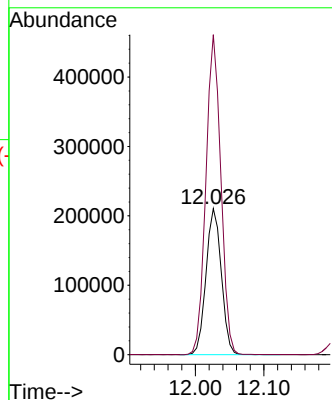
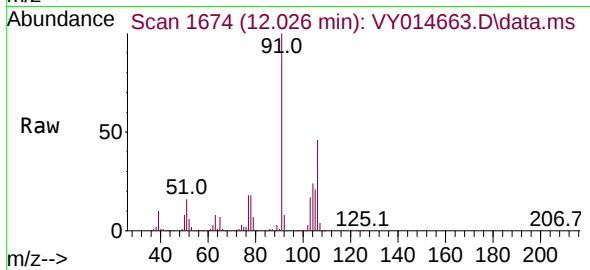
#69
o-Xylene
Concen: 50.752 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 327754
Ion Ratio Lower Upper
106 100
91 213.9 108.1 324.3

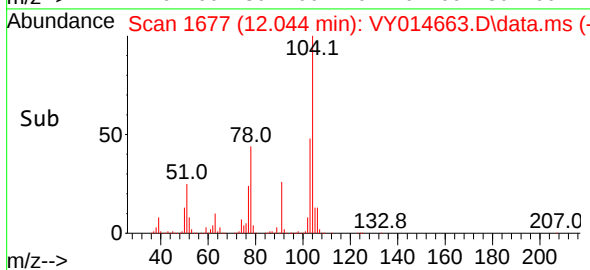
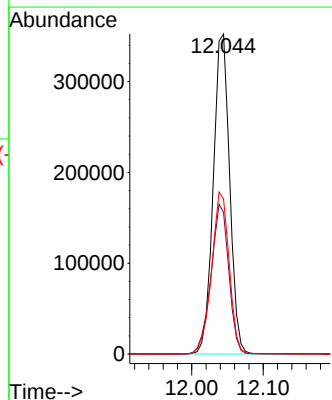
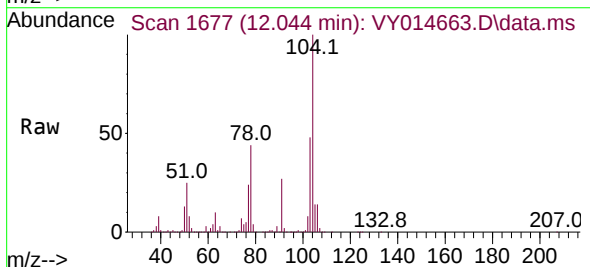
Manual Integrations
APPROVED

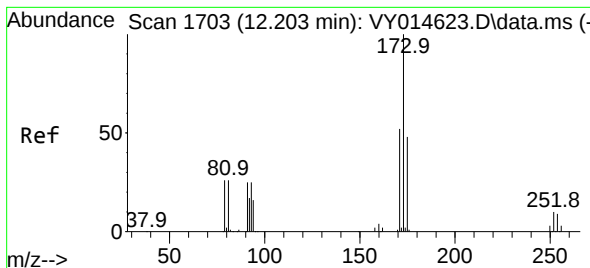
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#70
Styrene
Concen: 51.457 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

Tgt Ion:104 Resp: 560076
Ion Ratio Lower Upper
104 100
78 50.9 41.5 62.3
103 54.2 44.6 67.0





#71

Bromoform

Concen: 57.408 ug/l

RT: 12.203 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VY014663.D

Acq: 17 Jul 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 14114

Ion Ratio Lower Upper

173 100

175 48.0 24.6 73.8

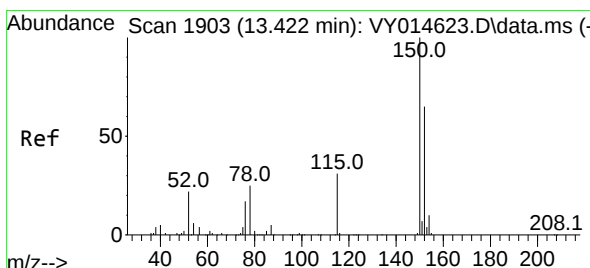
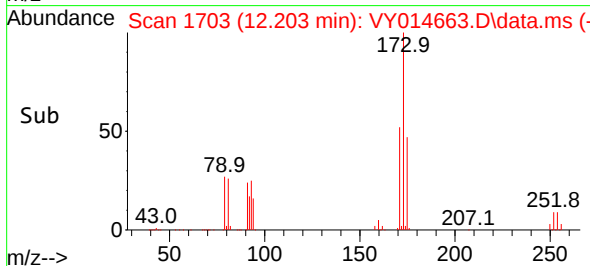
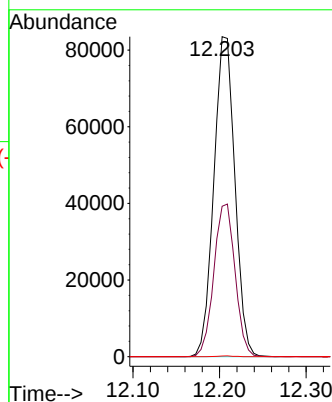
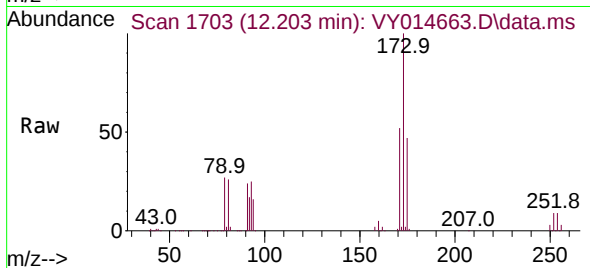
254 0.2 0.2 0.2

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: VY014663.D

Acq: 17 Jul 2023 11:00

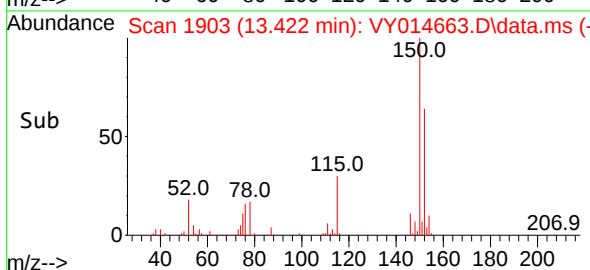
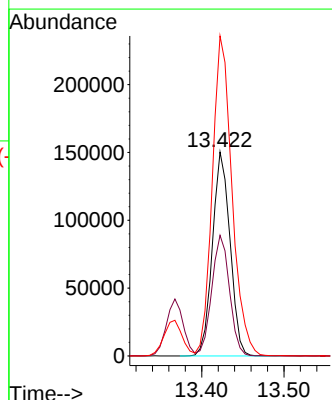
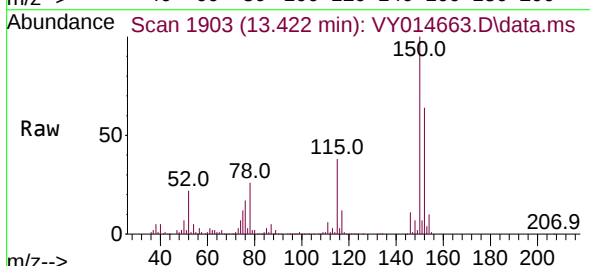
Tgt Ion:152 Resp: 223671

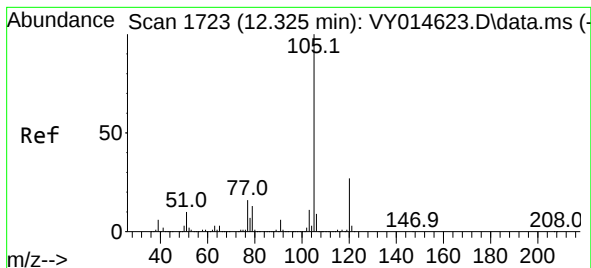
Ion Ratio Lower Upper

152 100

115 59.6 28.8 86.5

150 175.2 0.0 348.8





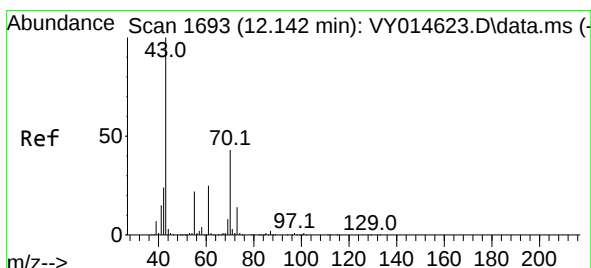
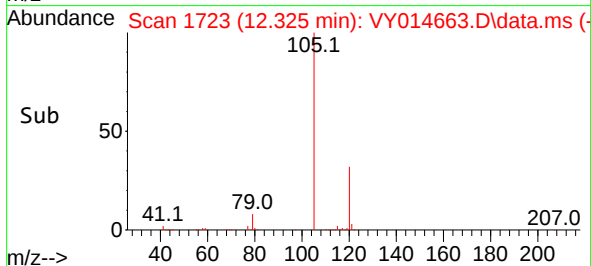
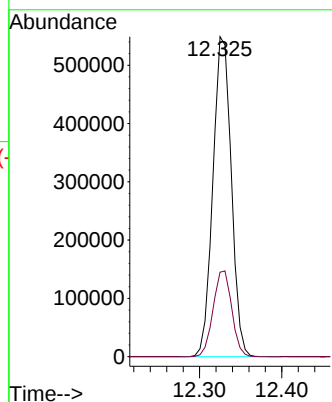
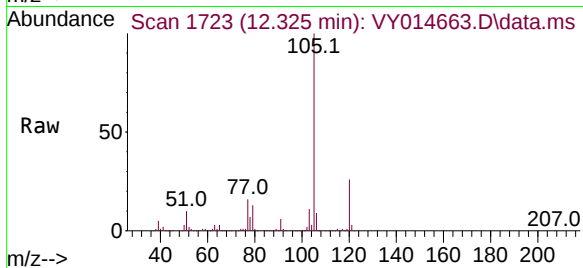
#73
Isopropylbenzene
Concen: 48.716 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 85318
Ion Ratio Lower Upper
105 100
120 27.2 13.3 39.9

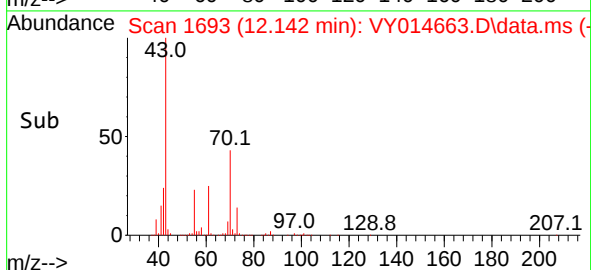
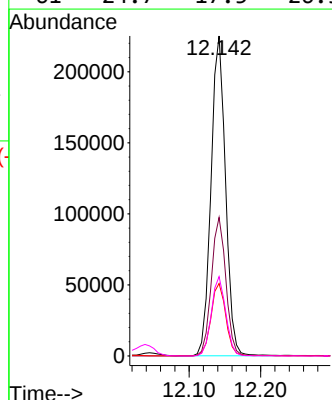
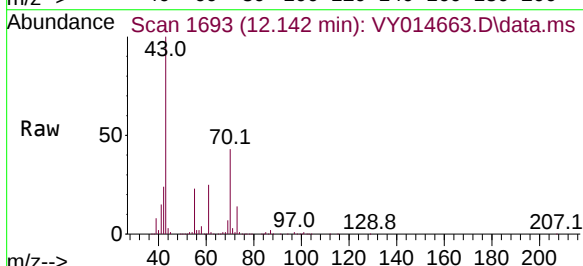
Manual Integrations
APPROVED

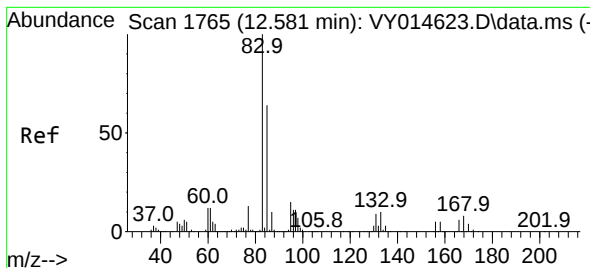
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#74
N-ethyl acetate
Concen: 53.950 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

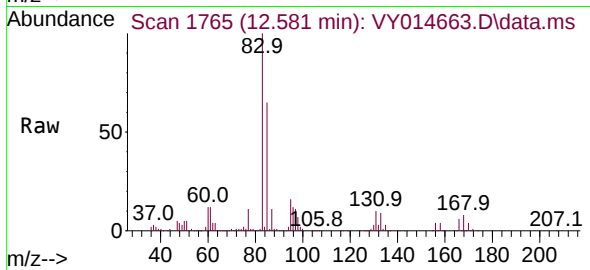
Tgt Ion: 43 Resp: 316452
Ion Ratio Lower Upper
43 100
70 43.7 29.7 44.5
55 23.1 18.3 27.5
61 24.7 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 54.391 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

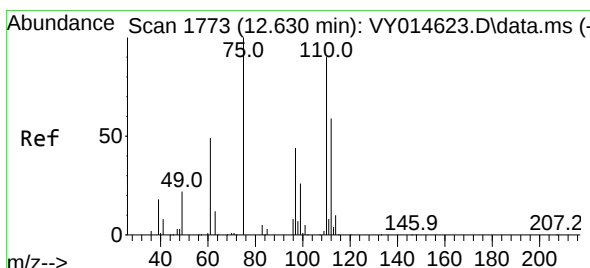
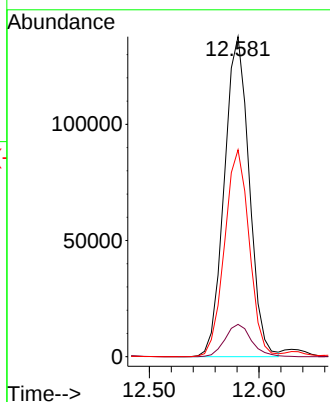
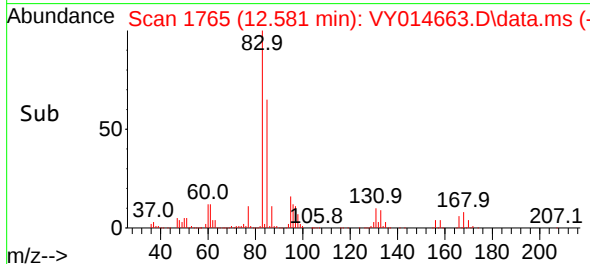
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



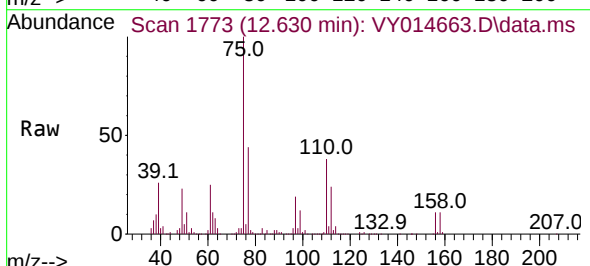
Tgt Ion: 83 Resp: 217228
Ion Ratio Lower Upper
83 100
131 10.7 5.4 16.2
85 64.2 31.8 95.4

Manual Integrations
APPROVED

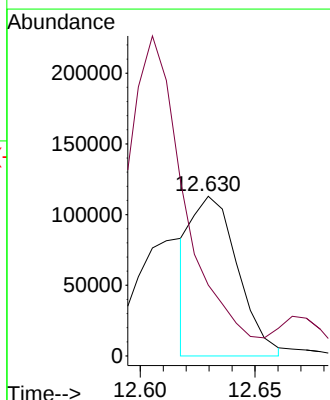
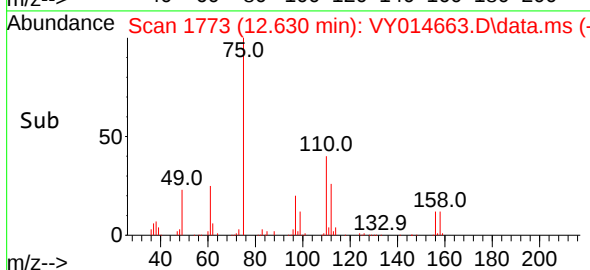
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

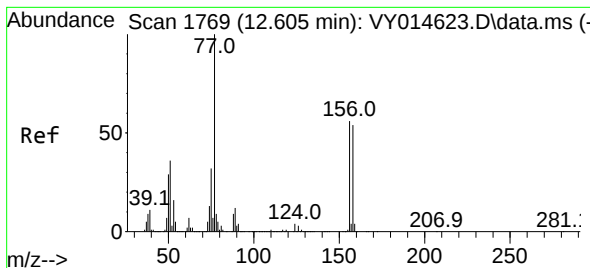


#76
1,2,3-Trichloropropane
Concen: 56.074 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00



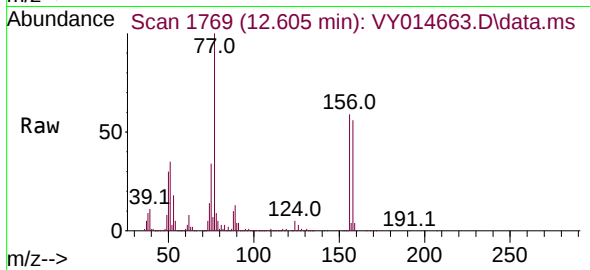
Tgt Ion: 75 Resp: 158403
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 52.236 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

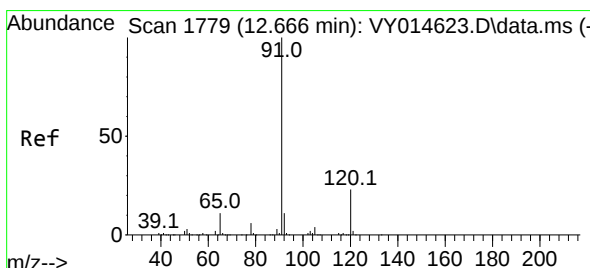
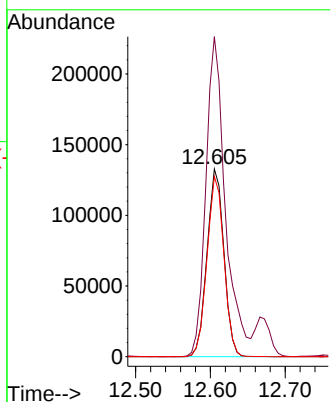
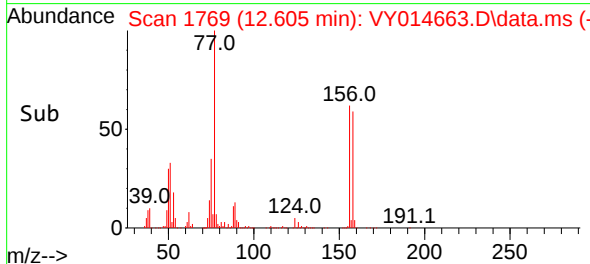
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



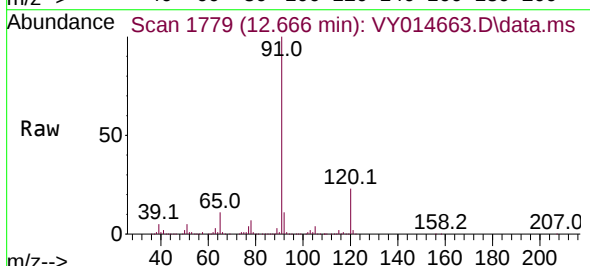
Tgt Ion:156 Resp: 208827
Ion Ratio Lower Upper
156 100
77 196.7 92.8 278.6
158 96.4 48.4 145.3

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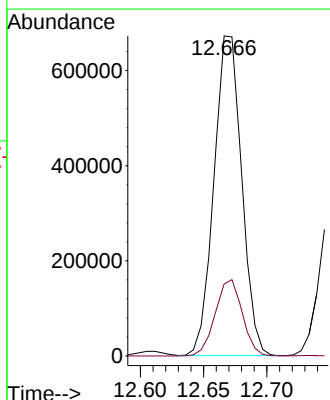
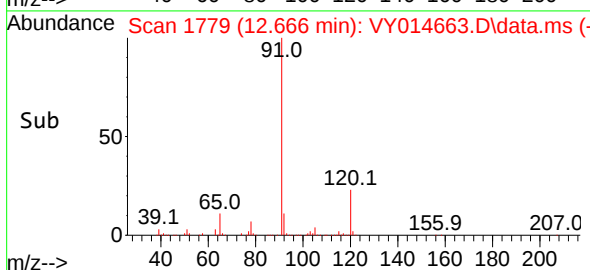
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

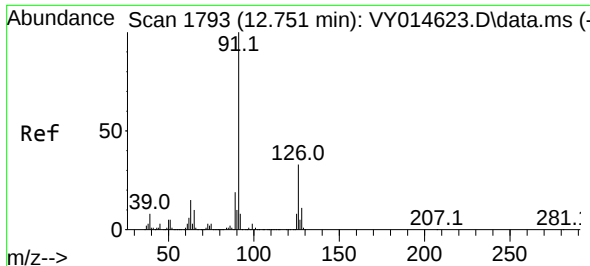


#78
n-propylbenzene
Concen: 48.532 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00



Tgt Ion: 91 Resp: 1024228
Ion Ratio Lower Upper
91 100
120 23.3 11.5 34.4





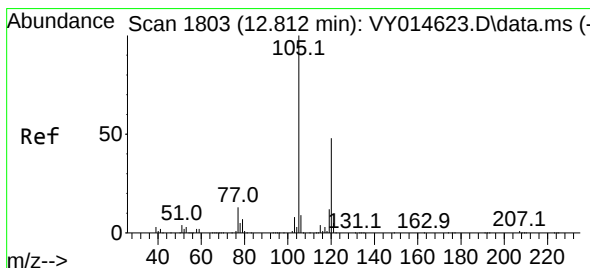
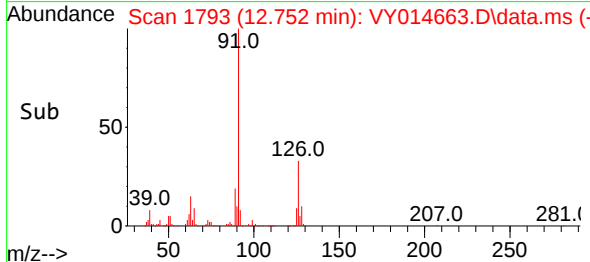
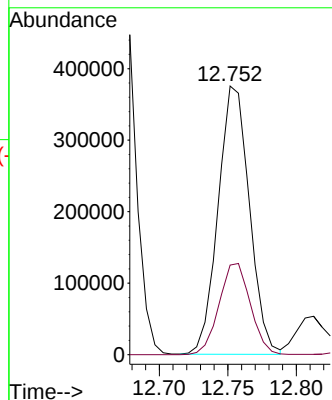
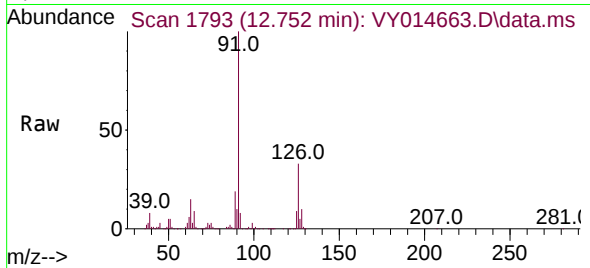
#79
2-Chlorotoluene
Concen: 49.097 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. 0.001 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 596799
Ion Ratio Lower Upper
91 100
126 34.1 17.3 51.7

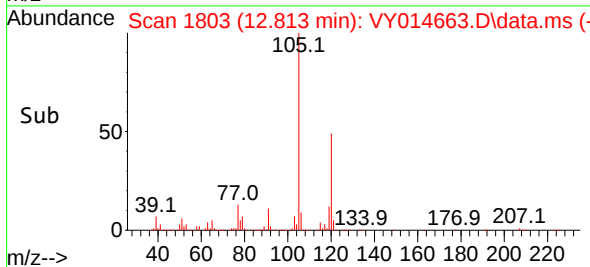
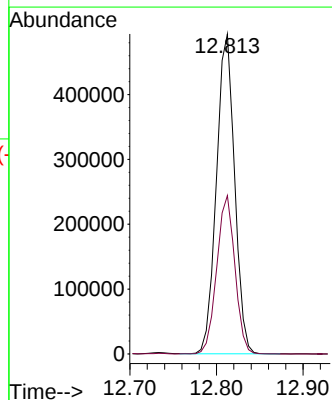
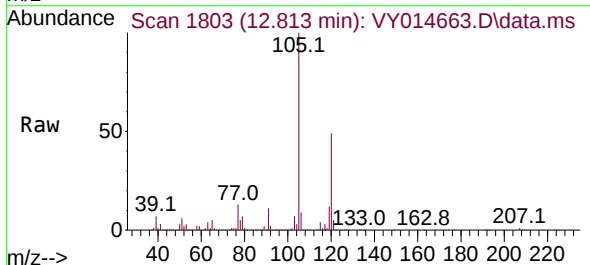
Manual Integrations
APPROVED

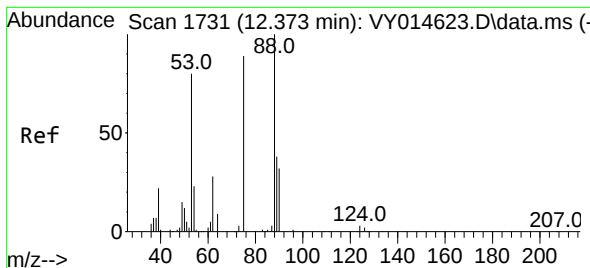
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.153 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

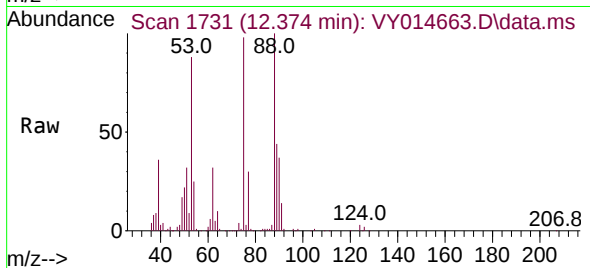
Tgt Ion:105 Resp: 718924
Ion Ratio Lower Upper
105 100
120 49.4 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 55.674 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.001 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

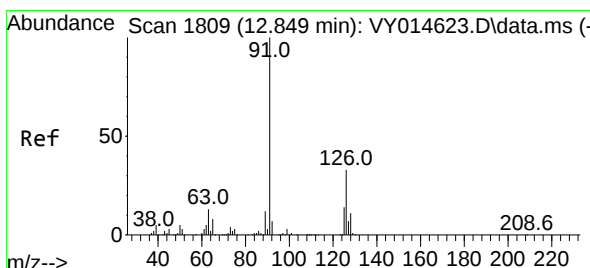
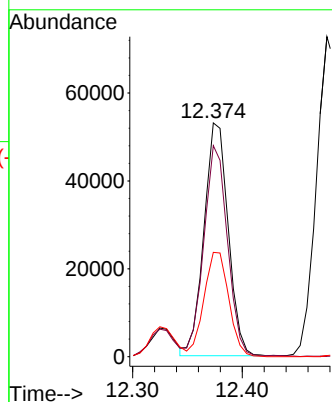
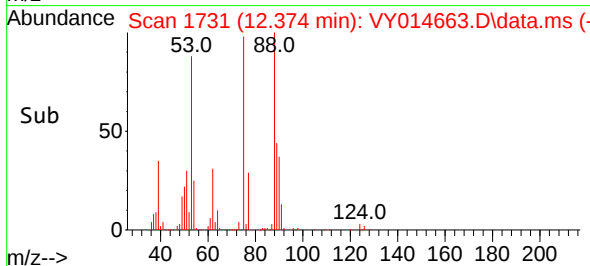
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 81229
Ion Ratio Lower Upper
75 100
53 87.5 77.8 116.8
89 46.1 37.4 56.0

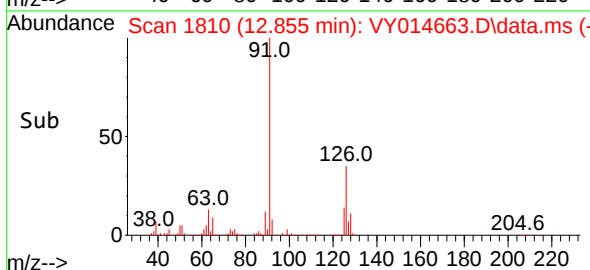
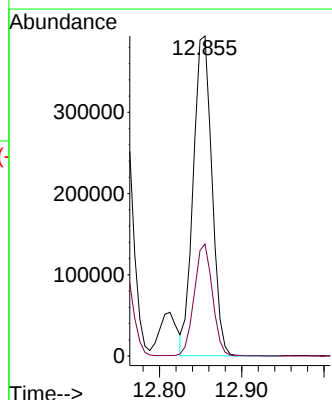
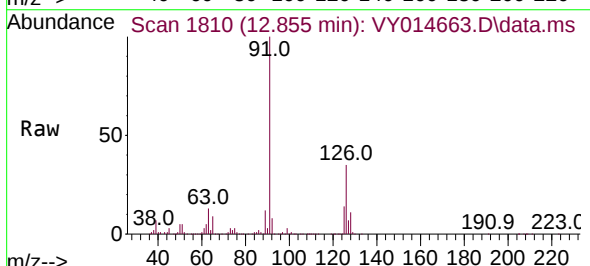
Manual Integrations
APPROVED

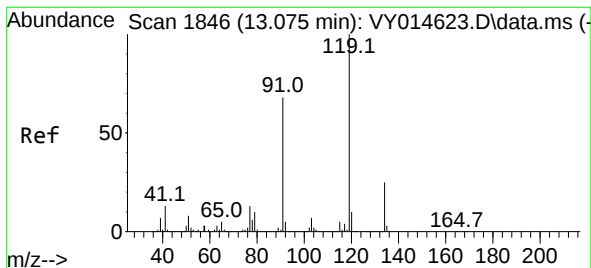
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#82
4-Chlorotoluene
Concen: 49.486 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

Tgt Ion: 91 Resp: 619517
Ion Ratio Lower Upper
91 100
126 34.3 17.2 51.6





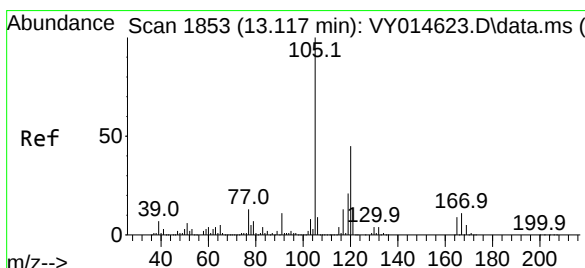
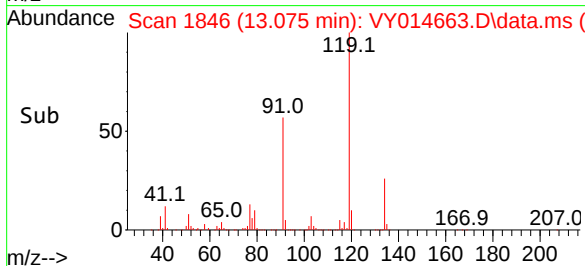
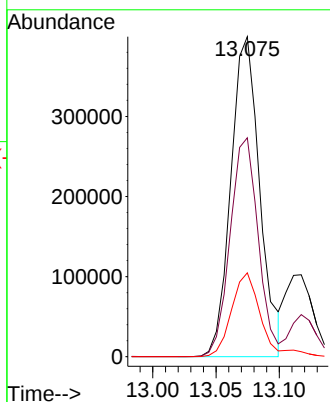
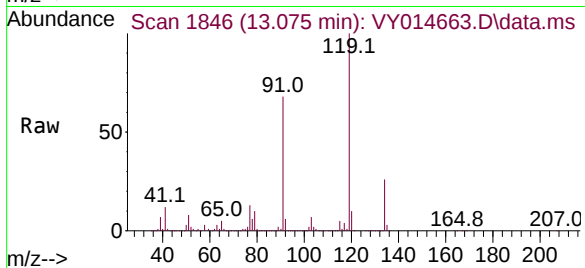
#83
tert-Butylbenzene
Concen: 49.016 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 635950
Ion Ratio Lower Upper
119 100
91 66.5 32.9 98.6
134 26.6 13.0 38.9

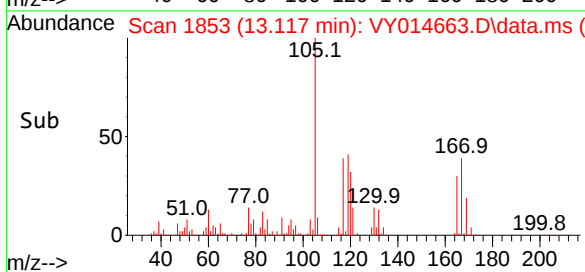
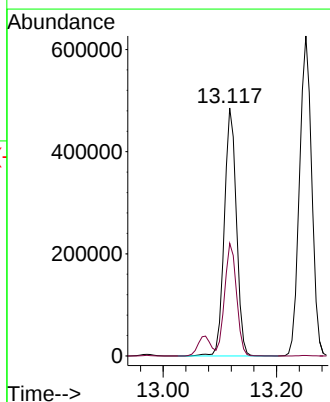
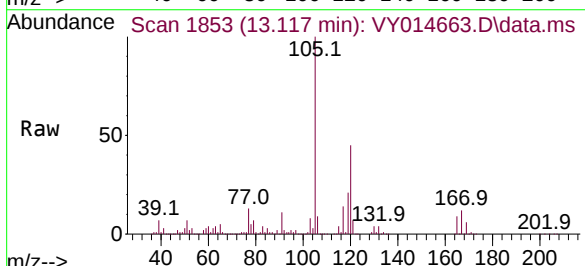
Manual Integrations
APPROVED

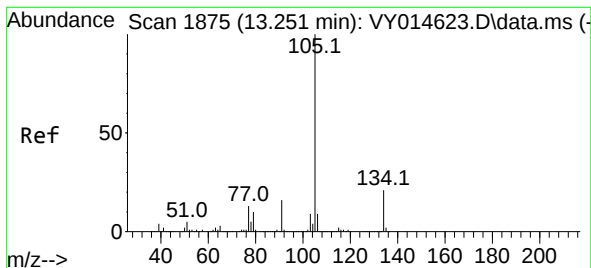
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#84
1,2,4-Trimethylbenzene
Concen: 49.934 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

Tgt Ion:105 Resp: 716760
Ion Ratio Lower Upper
105 100
120 44.7 22.2 66.6





#85

sec-Butylbenzene

Concen: 49.120 ug/l

RT: 13.252 min Scan# 1875

Delta R.T. 0.001 min

Lab File: VY014663.D

Acq: 17 Jul 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 93489

Ion Ratio Lower Upper

105 100

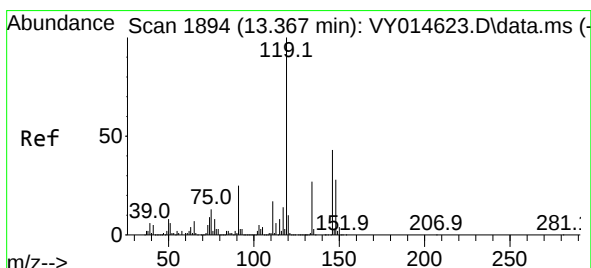
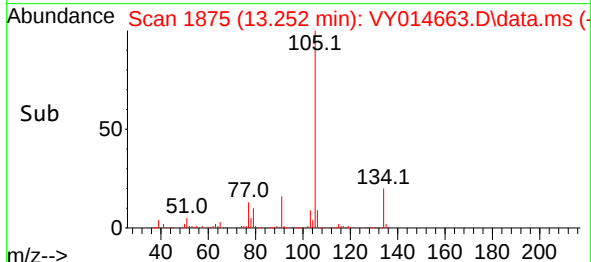
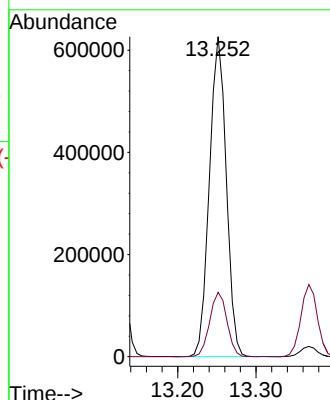
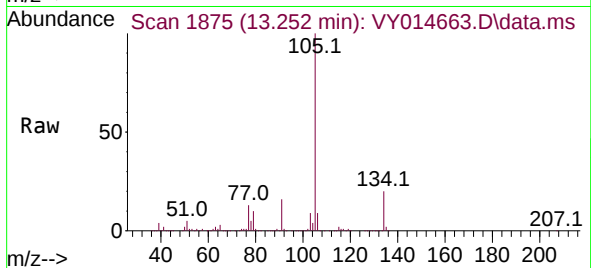
134 20.5 10.2 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#86

p-Isopropyltoluene

Concen: 50.112 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY014663.D

Acq: 17 Jul 2023 11:00

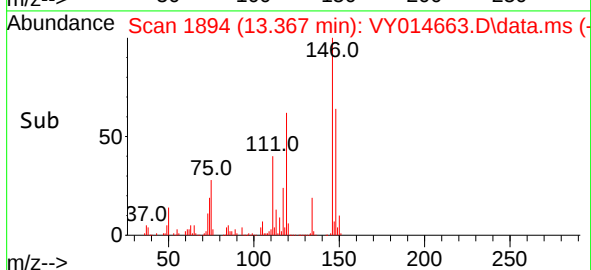
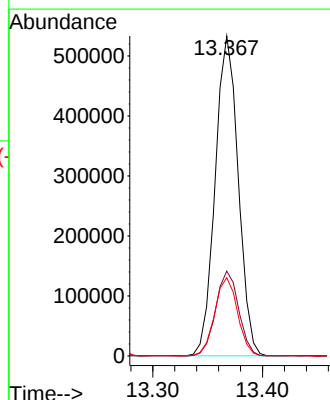
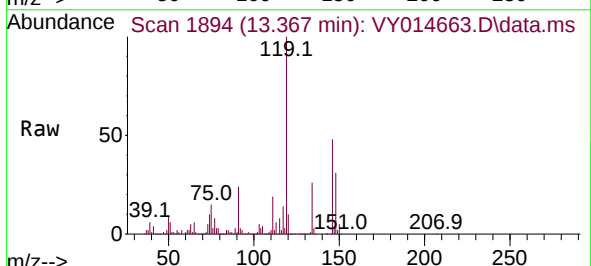
Tgt Ion:119 Resp: 778729

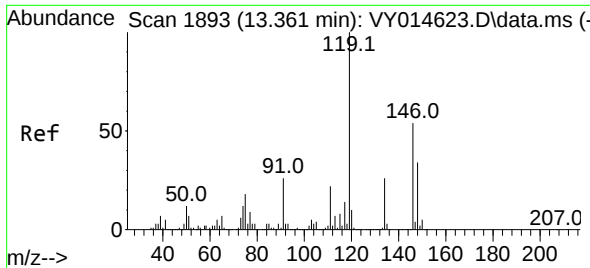
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.8

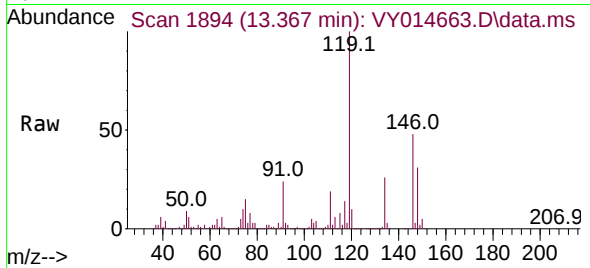
91 24.3 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 51.214 ug/l
RT: 13.367 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

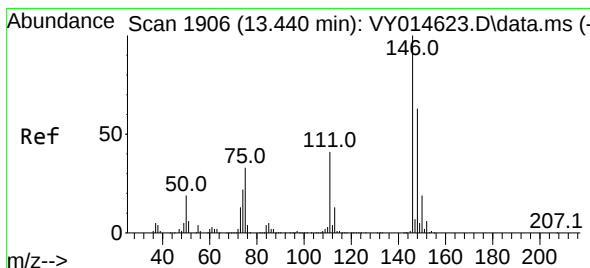
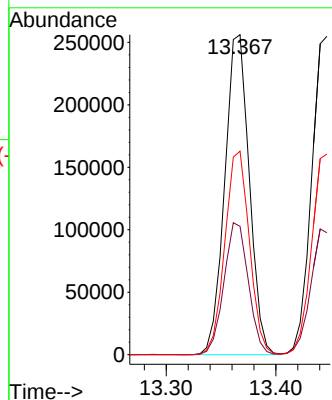
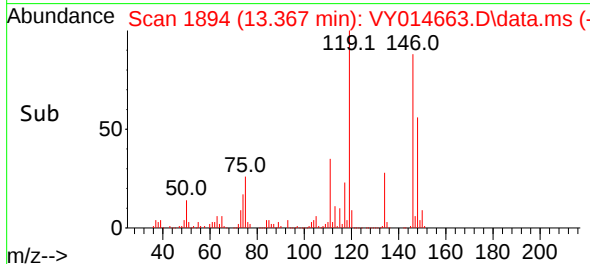
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



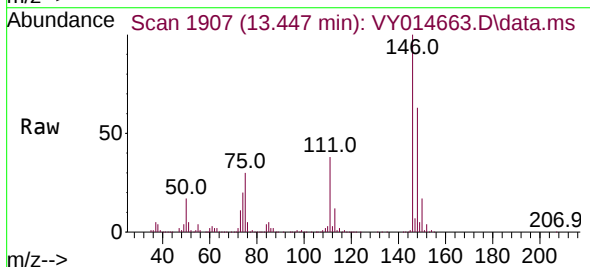
Tgt Ion:146 Resp: 398479
Ion Ratio Lower Upper
146 100
111 41.0 19.4 58.2
148 63.6 31.9 95.5

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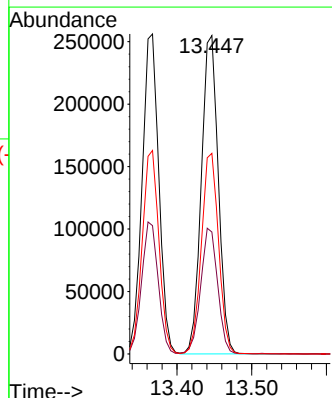
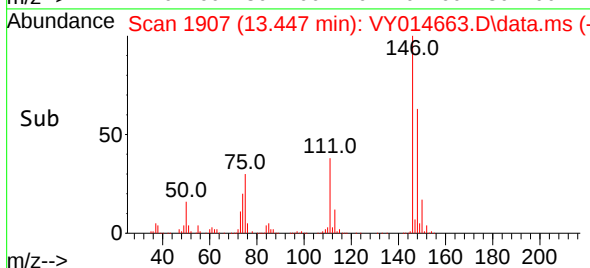
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

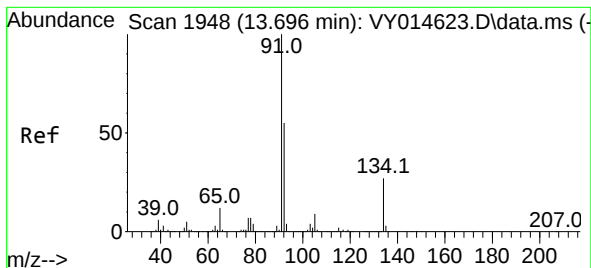


#88
1,4-Dichlorobenzene
Concen: 51.453 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.007 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00



Tgt Ion:146 Resp: 401170
Ion Ratio Lower Upper
146 100
111 39.5 18.9 56.7
148 63.8 32.1 96.5





#89

n-Butylbenzene

Concen: 48.849 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.001 min

Lab File: VY014663.D

Acq: 17 Jul 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

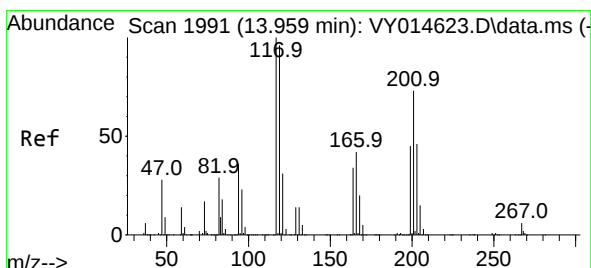
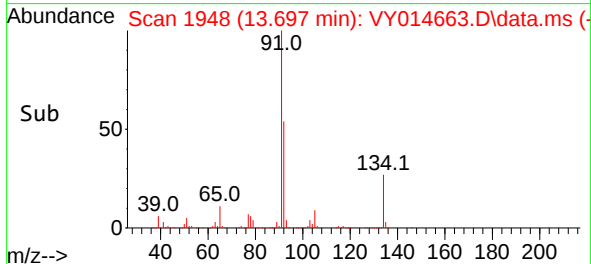
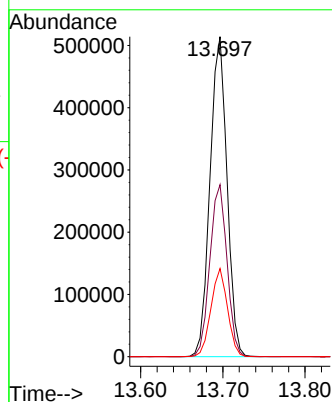
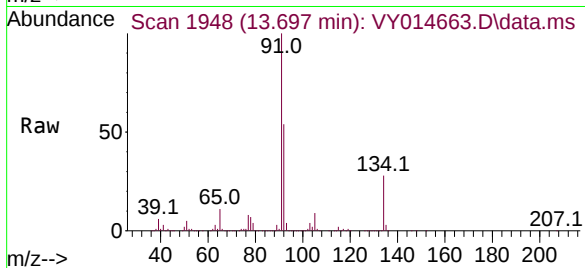
Tgt Ion:	91	Resp:	73852
Ion	Ratio	Lower	Upper
91	100		
92	54.2	25.4	76.0
134	26.8	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#90

Hexachloroethane

Concen: 50.117 ug/l

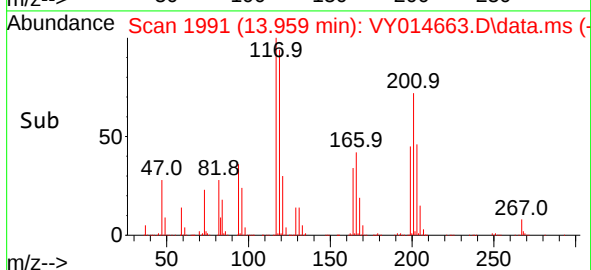
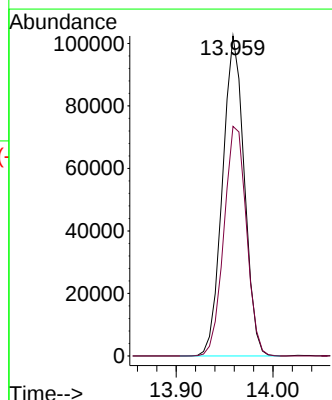
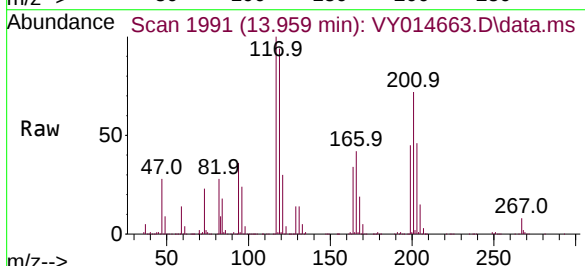
RT: 13.959 min Scan# 1991

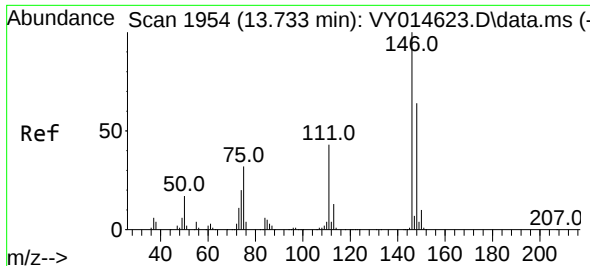
Delta R.T. -0.000 min

Lab File: VY014663.D

Acq: 17 Jul 2023 11:00

Tgt Ion:	117	Resp:	159966
Ion	Ratio	Lower	Upper
117	100		
201	74.2	41.6	124.8





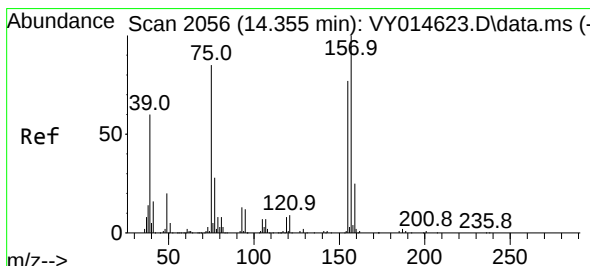
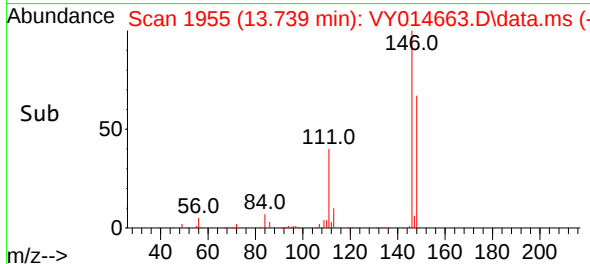
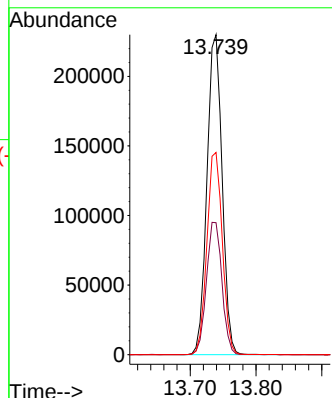
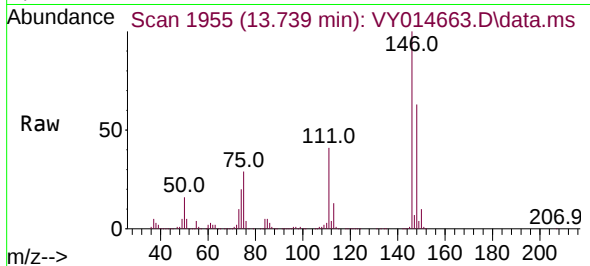
#91
1,2-Dichlorobenzene
Concen: 51.704 ug/l
RT: 13.739 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 368570
Ion Ratio Lower Upper
146 100
111 42.3 19.7 59.0
148 64.2 32.0 96.2

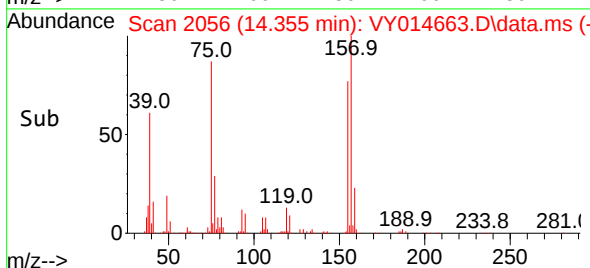
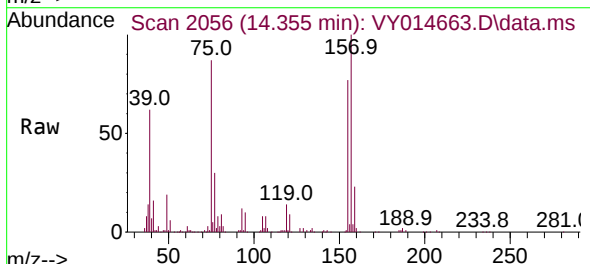
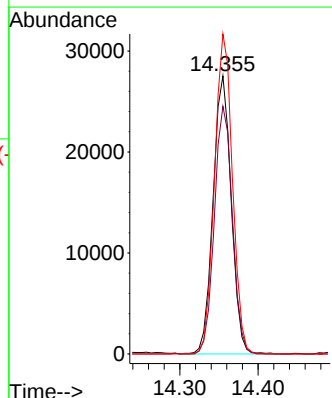
Manual Integrations
APPROVED

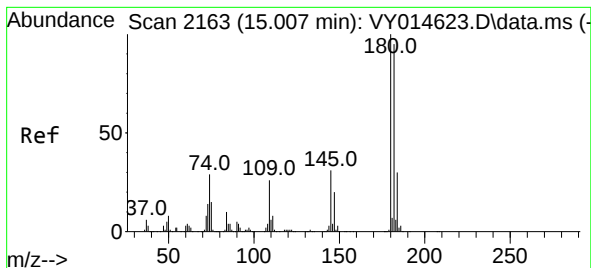
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 57.935 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014663.D
Acq: 17 Jul 2023 11:00

Tgt Ion: 75 Resp: 44250
Ion Ratio Lower Upper
75 100
155 88.5 41.5 124.6
157 113.8 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 53.130 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014663.D

Acq: 17 Jul 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 24042

Ion Ratio Lower Upper

180 100

182 93.9 47.0 141.2

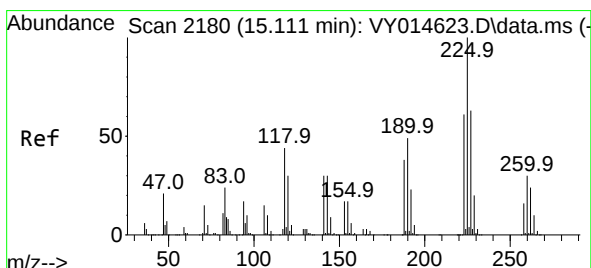
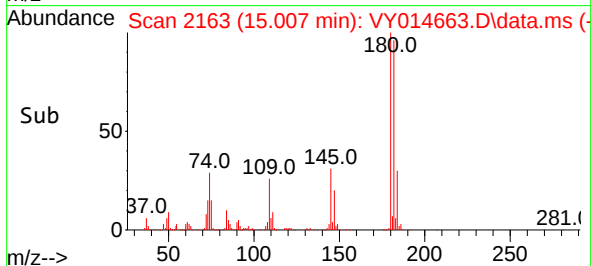
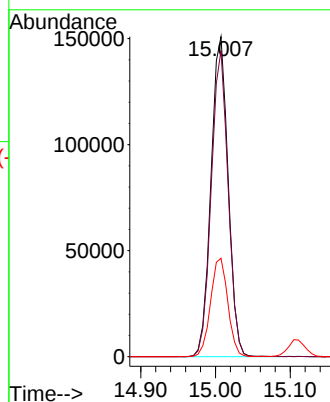
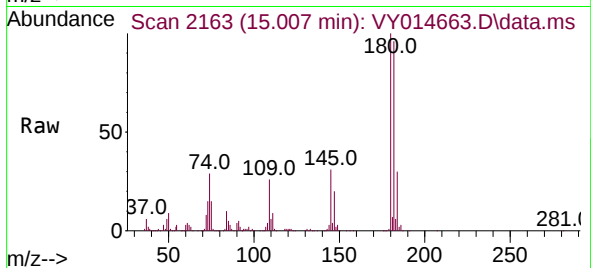
145 31.0 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#94

Hexachlorobutadiene

Concen: 51.389 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014663.D

Acq: 17 Jul 2023 11:00

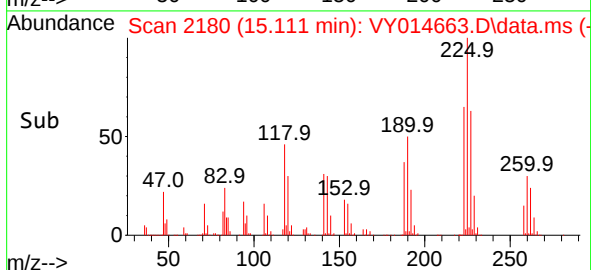
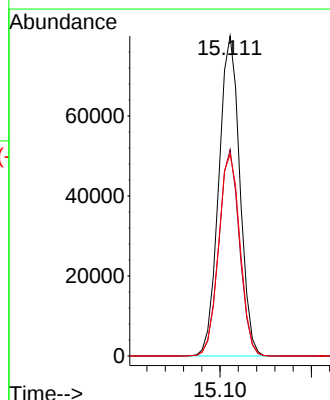
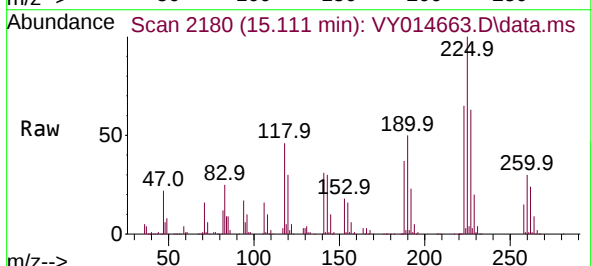
Tgt Ion:225 Resp: 127791

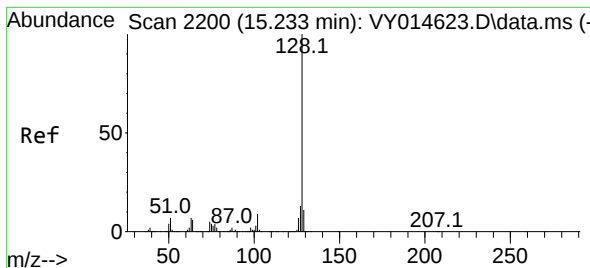
Ion Ratio Lower Upper

225 100

223 63.2 31.9 95.9

227 64.1 33.0 98.9





#95

Naphthalene

Concen: 56.822 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY014663.D

Acq: 17 Jul 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

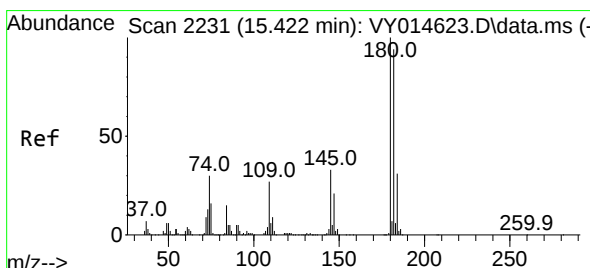
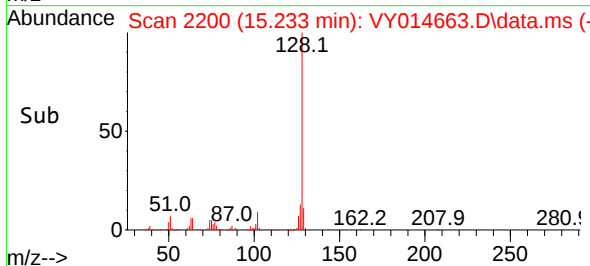
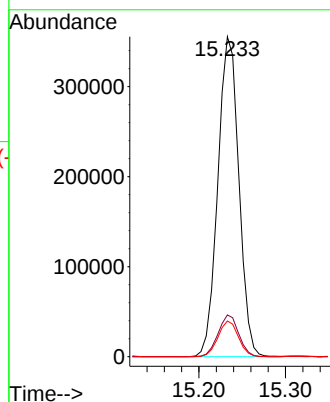
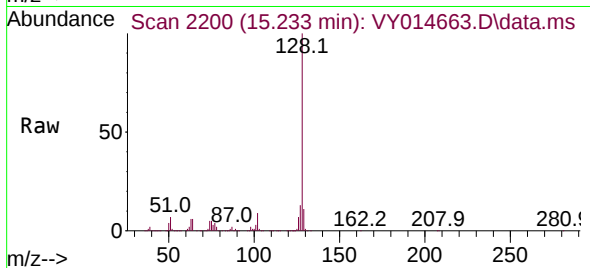
Tgt Ion:	128	Resp:	599054
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.8	16.2
129	10.8	8.6	13.0

Manual Integrations

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#96

1,2,3-Trichlorobenzene

Concen: 53.581 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY014663.D

Acq: 17 Jul 2023 11:00

Tgt Ion:	180	Resp:	215488
Ion Ratio	Lower	Upper	
180	100		
182	95.2	47.3	141.8
145	33.6	15.4	46.2

