

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072123\
 Data File : VY014733.D
 Acq On : 21 Jul 2023 09:16
 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 22 05:30:33 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 07/24/2023
 Supervised By : Mahesh Dadoda 07/24/2023

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	289248	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	469917	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	419682	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	208365	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	145564	44.163	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.320%		
35) Dibromofluoromethane	7.722	113	134720	45.036	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.080%		
50) Toluene-d8	10.185	98	475442	43.110	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	86.220%		
62) 4-Bromofluorobenzene	12.483	95	177971	42.086	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	84.180%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	94443	40.077	ug/l	97
3) Chloromethane	2.113	50	127354	48.077	ug/l	96
4) Vinyl Chloride	2.253	62	147859	49.944	ug/l	97
5) Bromomethane	2.643	94	104679	53.504	ug/l	98
6) Chloroethane	2.790	64	96249	52.047	ug/l	97
7) Trichlorofluoromethane	3.125	101	227979	45.851	ug/l	99
8) Diethyl Ether	3.533	74	87274	47.175	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.899	101	136743	44.869	ug/l	96
10) Methyl Iodide	4.094	142	149954	46.585	ug/l	97
11) Tert butyl alcohol	4.960	59	155679	226.048	ug/l #	85
12) 1,1-Dichloroethene	3.875	96	124900	43.850	ug/l	90
13) Acrolein	3.735	56	73882	214.457	ug/l	96
14) Allyl chloride	4.478	41	211772	41.874	ug/l	95
15) Acrylonitrile	5.161	53	262276	257.093	ug/l	98
16) Acetone	3.954	43	311820	298.538	ug/l	90
17) Carbon Disulfide	4.198	76	327651	40.179	ug/l	98
18) Methyl Acetate	4.478	43	205142	51.180	ug/l	93
19) Methyl tert-butyl Ether	5.228	73	449737	48.607	ug/l	100
20) Methylene Chloride	4.716	84	145955	42.371	ug/l	92
21) trans-1,2-Dichloroethene	5.222	96	144828	44.805	ug/l	97
22) Diisopropyl ether	6.124	45	467487	45.466	ug/l	90
23) Vinyl Acetate	6.063	43	1453119	236.158	ug/l #	94
24) 1,1-Dichloroethane	6.021	63	261261	44.407	ug/l	98
25) 2-Butanone	6.990	43	428668	280.527	ug/l	94
26) 2,2-Dichloropropane	6.984	77	255628	45.590	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	174312	46.328	ug/l	96
28) Bromochloromethane	7.338	49	125708	49.612	ug/l	92
29) Tetrahydrofuran	7.350	42	243199	258.468	ug/l	91
30) Chloroform	7.508	83	280788	46.282	ug/l	95
31) Cyclohexane	7.789	56	219608	40.136	ug/l	92
32) 1,1,1-Trichloroethane	7.703	97	251258	46.015	ug/l	98
36) 1,1-Dichloropropene	7.923	75	204288	45.666	ug/l	99
37) Ethyl Acetate	7.075	43	158926	51.599	ug/l #	95
38) Carbon Tetrachloride	7.905	117	222960	47.148	ug/l	98
39) Methylcyclohexane	9.185	83	254078	43.595	ug/l	95
40) Benzene	8.167	78	586787	46.121	ug/l	99

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Manual Integrations APPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	73430m	46.351	ug/l	
42) 1,2-Dichloroethane	8.240	62	193536	48.036	ug/l	94
43) Isopropyl Acetate	8.277	43	291550	49.692	ug/l	96
44) Trichloroethene	8.941	130	164557	46.227	ug/l	99
45) 1,2-Dichloropropane	9.221	63	153311	46.147	ug/l	97
46) Dibromomethane	9.307	93	98121	48.685	ug/l	97
47) Bromodichloromethane	9.502	83	224240	47.207	ug/l	97
48) Methyl methacrylate	9.295	41	130495	49.429	ug/l	92
49) 1,4-Dioxane	9.301	88	35578	1082.599	ug/l #	50
51) 4-Methyl-2-Pentanone	10.075	43	804618	261.197	ug/l	93
52) Toluene	10.246	92	376420	46.235	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	246889	47.516	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	265742	47.031	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	139024	49.520	ug/l	99
56) Ethyl methacrylate	10.514	69	213590	49.829	ug/l	90
57) 1,3-Dichloropropane	10.794	76	235165	48.565	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	493991	247.334	ug/l	94
59) 2-Hexanone	10.837	43	622395	277.055	ug/l	92
60) Dibromochloromethane	10.989	129	169020	49.104	ug/l	100
61) 1,2-Dibromoethane	11.093	107	138861	49.581	ug/l	99
64) Tetrachloroethene	10.721	164	158647	47.002	ug/l	97
65) Chlorobenzene	11.520	112	411619	46.025	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	159577	47.324	ug/l	98
67) Ethyl Benzene	11.593	91	733794	45.444	ug/l	99
68) m/p-Xylenes	11.709	106	561472	91.092	ug/l	96
69) o-Xylene	12.032	106	274791	45.771	ug/l	98
70) Styrene	12.044	104	470425	46.491	ug/l	97
71) Bromoform	12.209	173	116356	50.907	ug/l #	99
73) Isopropylbenzene	12.331	105	730623	44.782	ug/l	100
74) N-amyl acetate	12.148	43	254947	46.658	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.587	83	180823	48.601	ug/l	100
76) 1,2,3-Trichloropropane	12.635	75	123339m	46.869	ug/l	
77) Bromobenzene	12.611	156	172468	46.310	ug/l	95
78) n-propylbenzene	12.672	91	869494	44.227	ug/l	99
79) 2-Chlorotoluene	12.757	91	497193	43.907	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	608760	44.678	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	65961	48.530	ug/l	95
82) 4-Chlorotoluene	12.855	91	508806	43.628	ug/l	99
83) tert-Butylbenzene	13.074	119	546223	45.192	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	596570	44.614	ug/l	100
85) sec-Butylbenzene	13.257	105	795463	44.864	ug/l	100
86) p-Isopropyltoluene	13.373	119	654351	45.202	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	337392	46.548	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	337697	46.494	ug/l	99
89) n-Butylbenzene	13.696	91	625078	44.382	ug/l	96
90) Hexachloroethane	13.964	117	132723	44.636	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	309688	46.634	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	34472	48.449	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	197705	46.899	ug/l	98
94) Hexachlorobutadiene	15.111	225	105017	45.333	ug/l	98
95) Naphthalene	15.239	128	488422	49.732	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	176821	47.196	ug/l	99

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Instrument :
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ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

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

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

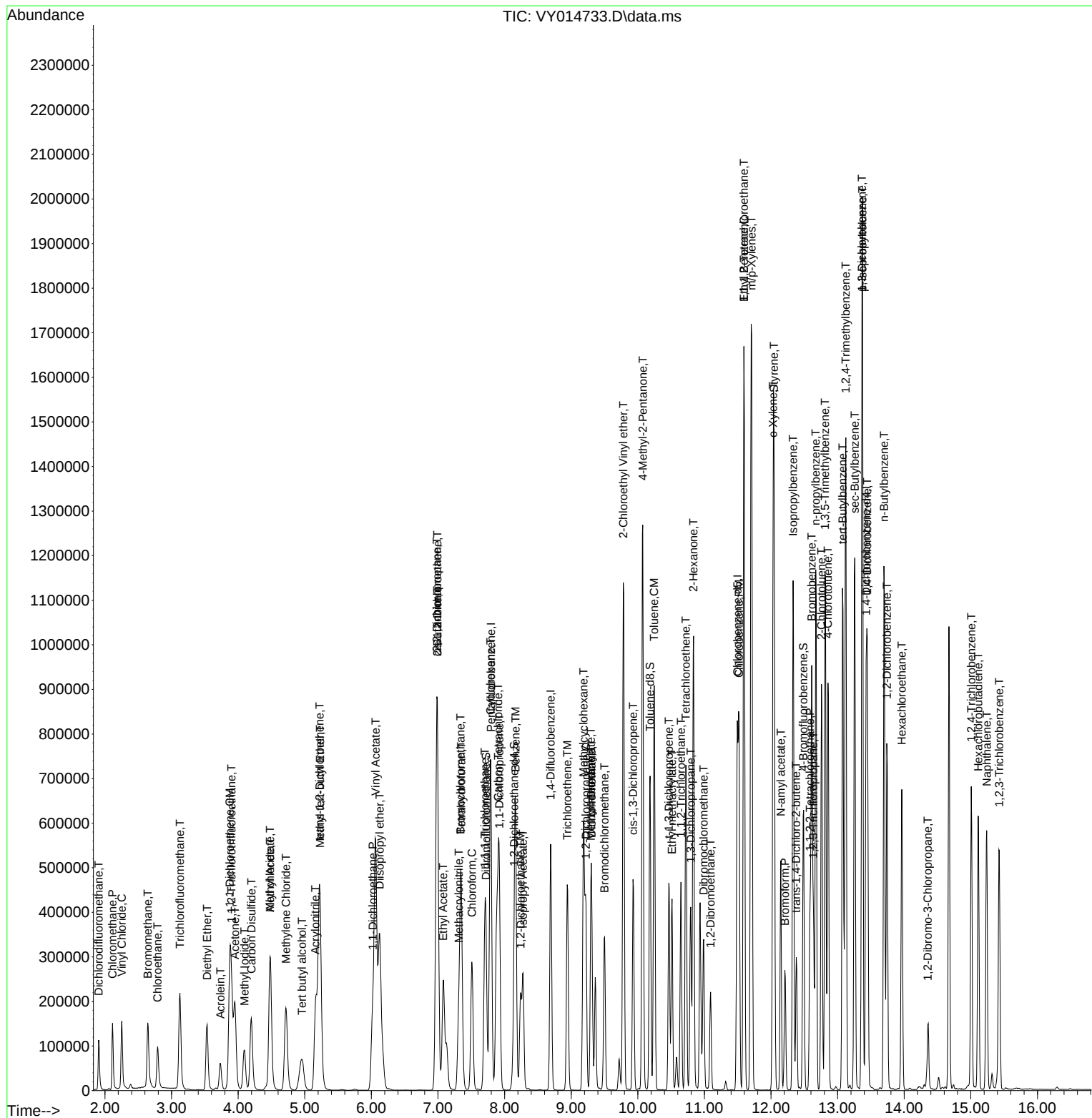
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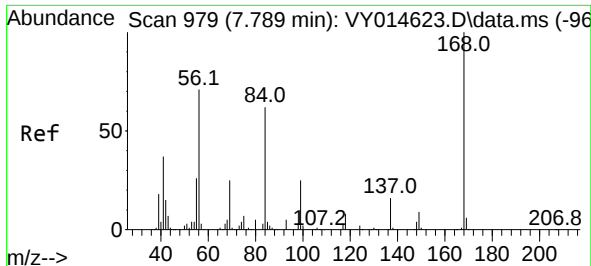
Instrument :
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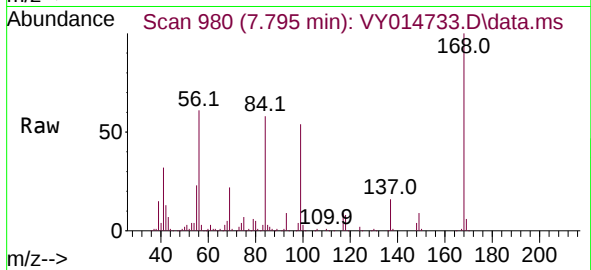
Reviewed By : John Carlone 07/24/2023
 Supervised By : Mahesh Dadoda 07/24/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

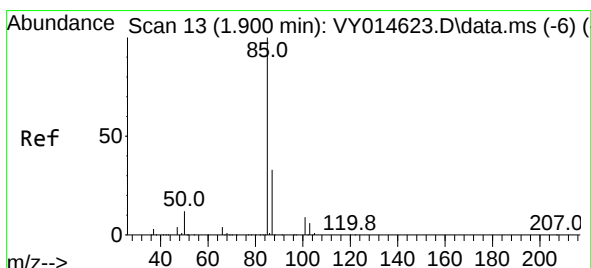
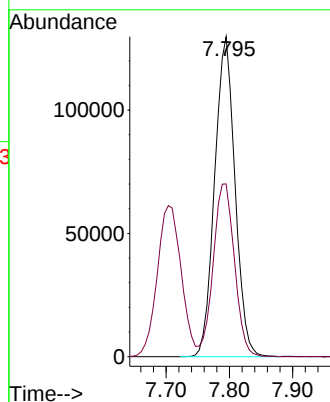
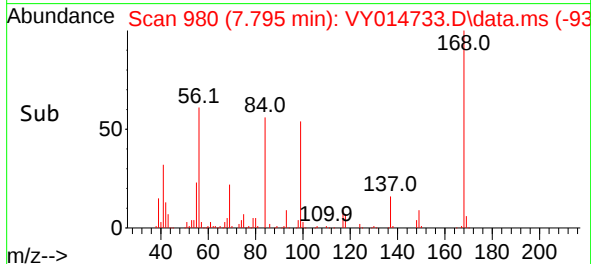
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 28924
Ion Ratio Lower Upper
168 100
99 54.0 43.4 65.0

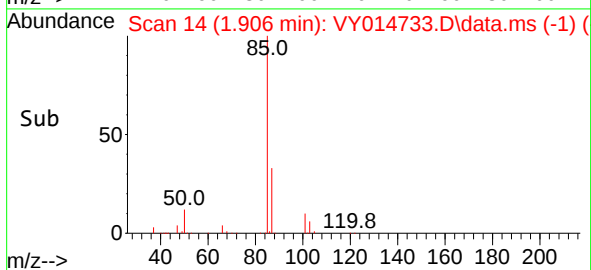
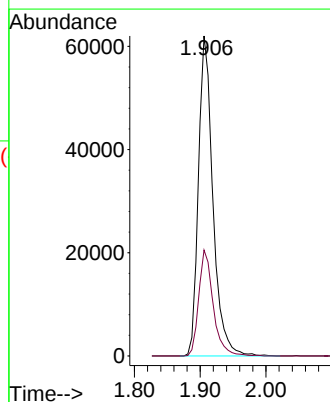
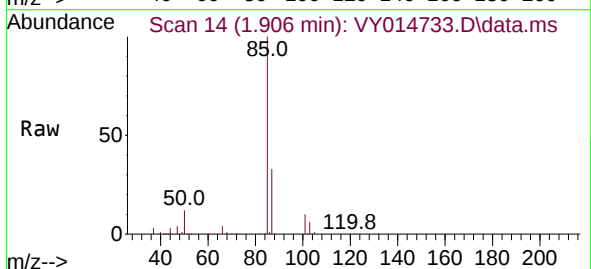
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#2
Dichlorodifluoromethane
Concen: 40.077 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

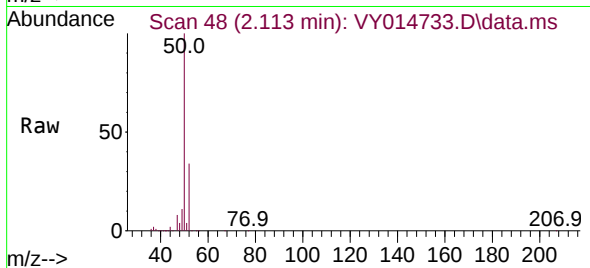
Tgt Ion: 85 Resp: 94443
Ion Ratio Lower Upper
85 100
87 33.1 15.6 46.8





#3
Chloromethane
Concen: 48.077 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

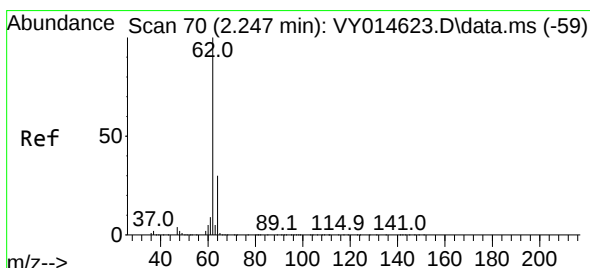
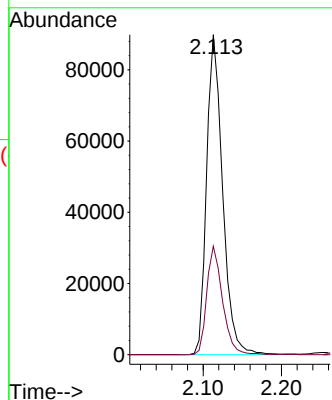
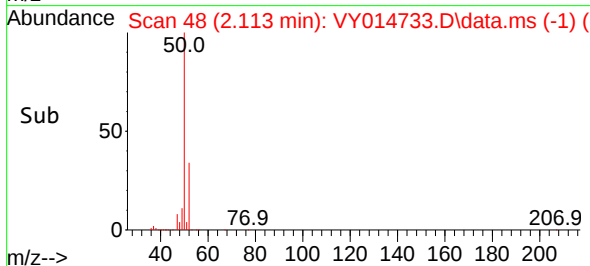
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 127354
Ion Ratio Lower Upper
50 100
52 33.9 25.4 38.2

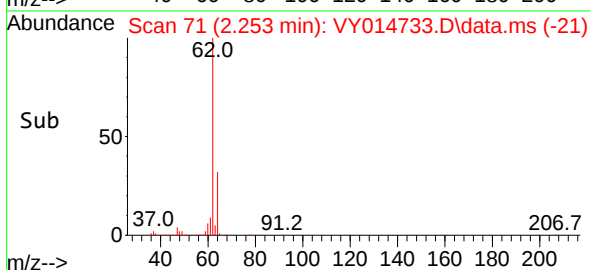
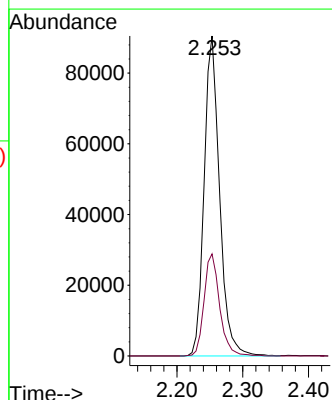
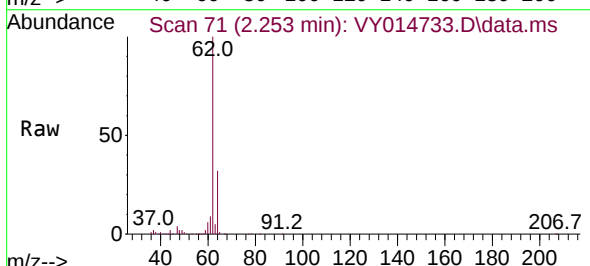
Manual Integrations
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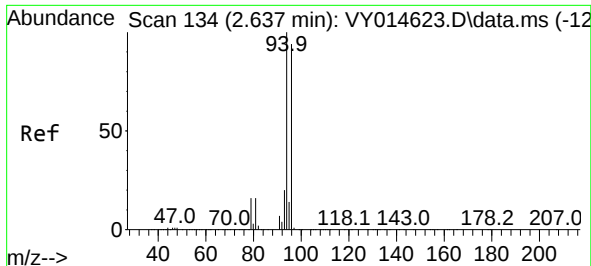
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#4
Vinyl Chloride
Concen: 49.944 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

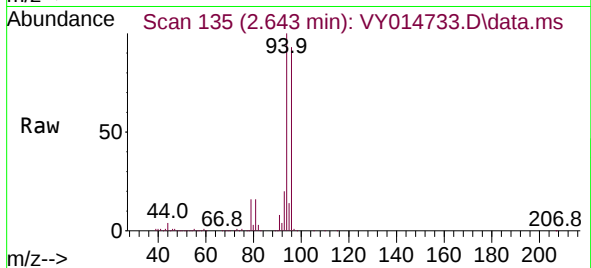
Tgt Ion: 62 Resp: 147859
Ion Ratio Lower Upper
62 100
64 31.9 24.3 36.5





#5
Bromomethane
Concen: 53.504 ug/l
RT: 2.643 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

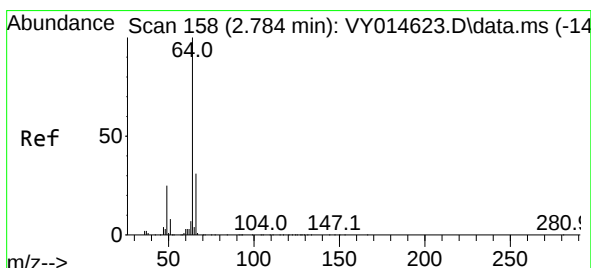
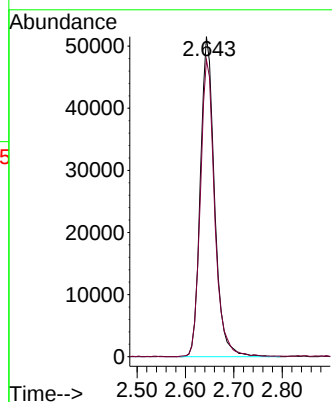
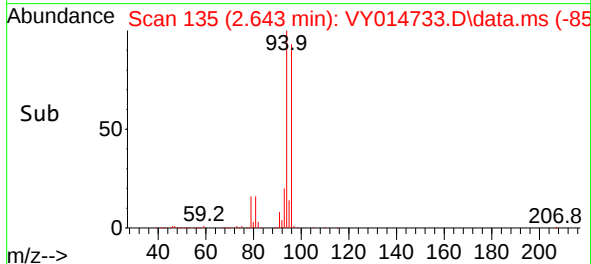
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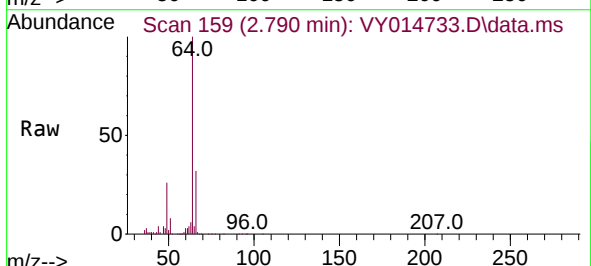
Tgt Ion: 94 Resp: 104679
Ion Ratio Lower Upper
94 100
96 92.6 75.8 113.6

Manual Integrations
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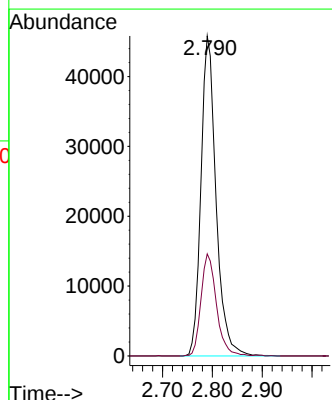
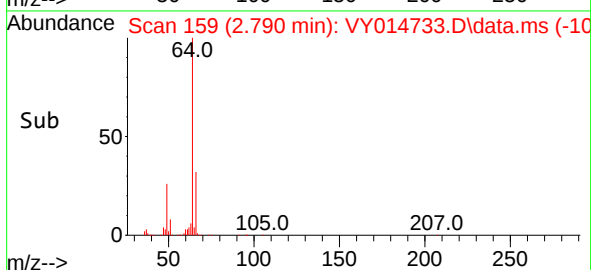
Reviewed By :John Carlone 07/24/2023
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#6
Chloroethane
Concen: 52.047 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16



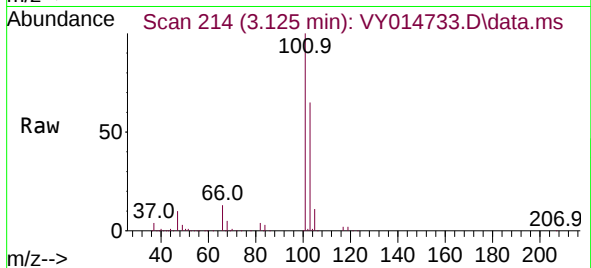
Tgt Ion: 64 Resp: 96249
Ion Ratio Lower Upper
64 100
66 31.9 24.4 36.6





#7
Trichlorofluoromethane
Concen: 45.851 ug/l
RT: 3.125 min Scan# 21
Delta R.T. 0.012 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

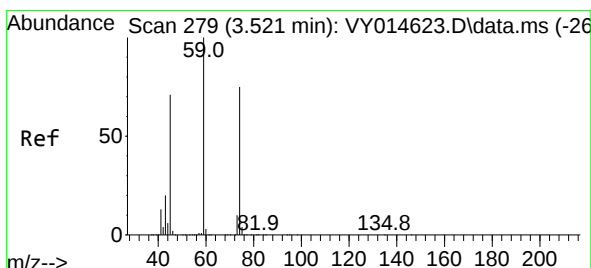
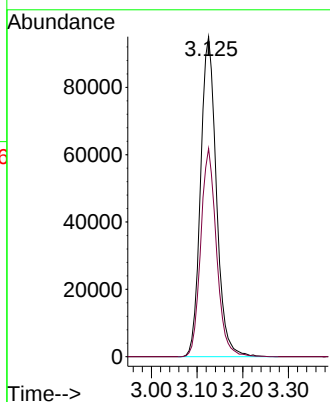
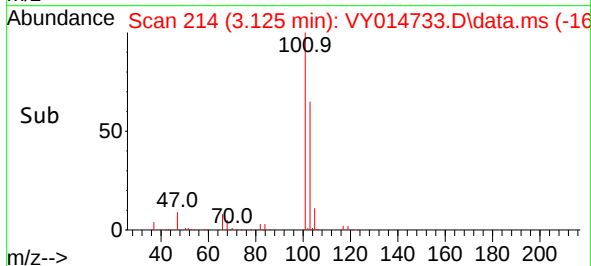
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 227979
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.0

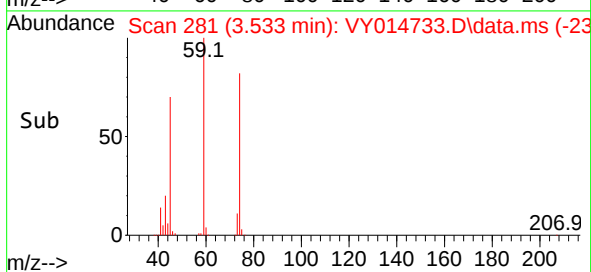
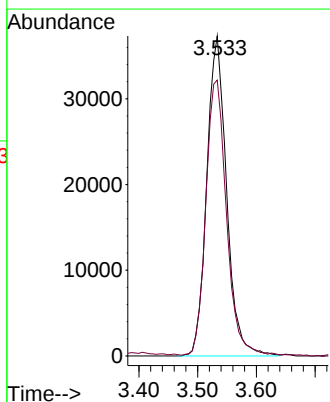
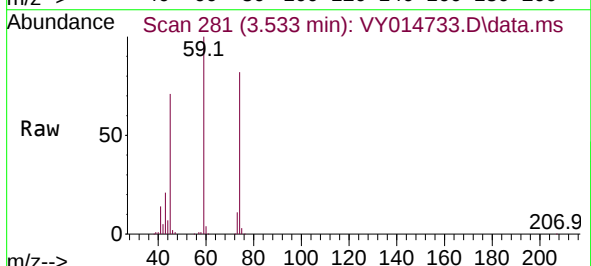
Manual Integrations
APPROVED

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#8
Diethyl Ether
Concen: 47.175 ug/l
RT: 3.533 min Scan# 281
Delta R.T. 0.012 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

Tgt Ion: 74 Resp: 87274
Ion Ratio Lower Upper
74 100
45 90.9 51.5 154.5





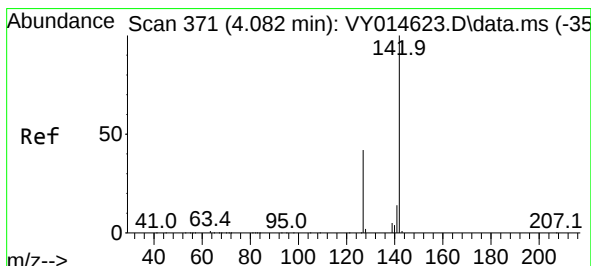
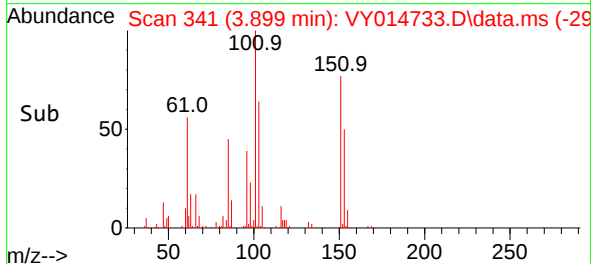
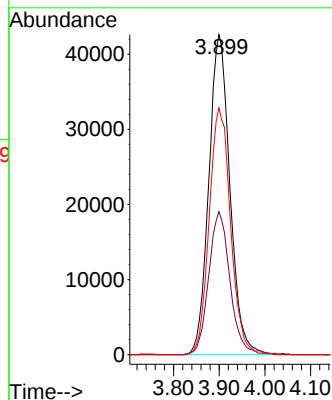
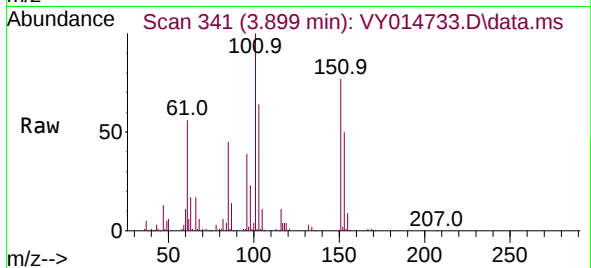
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.869 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 13674
Ion Ratio Lower Upper
101 100
85 44.9 36.6 55.0
151 78.3 67.0 100.6

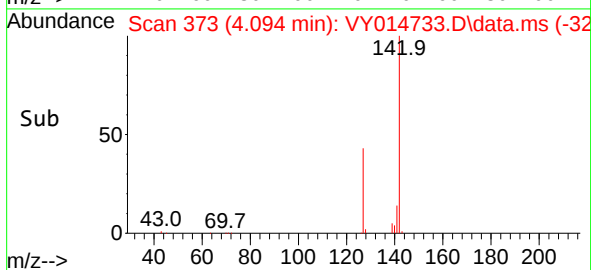
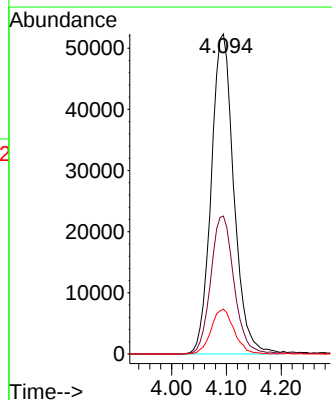
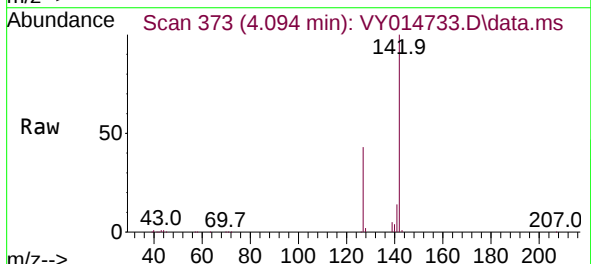
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#10
Methyl Iodide
Concen: 46.585 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.012 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

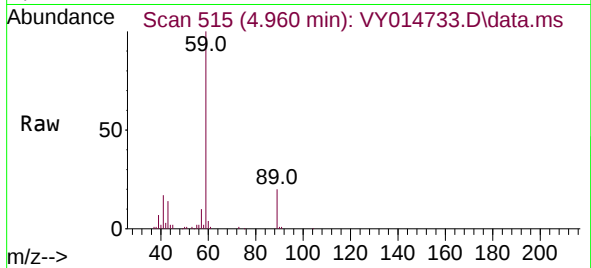
Tgt Ion:142 Resp: 149954
Ion Ratio Lower Upper
142 100
127 44.5 37.6 56.4
141 14.2 11.8 17.8





#11
Tert butyl alcohol
Concen: 226.048 ug/l
RT: 4.960 min Scan# 513
Delta R.T. 0.012 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

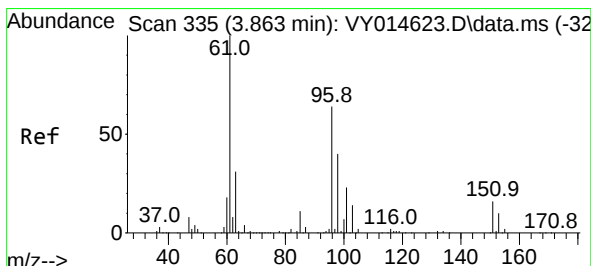
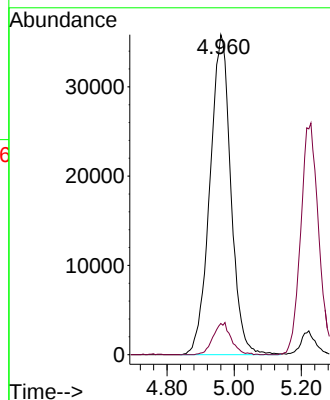
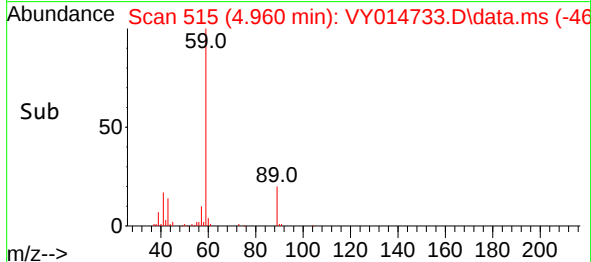
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



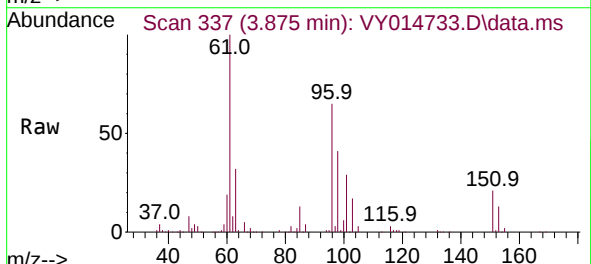
Tgt Ion: 59 Resp: 155679
Ion Ratio Lower Upper
59 100
57 8.6 3.0 4.4

Manual Integrations
APPROVED

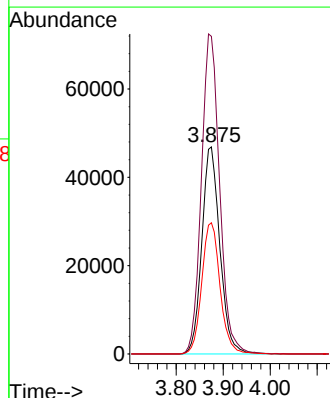
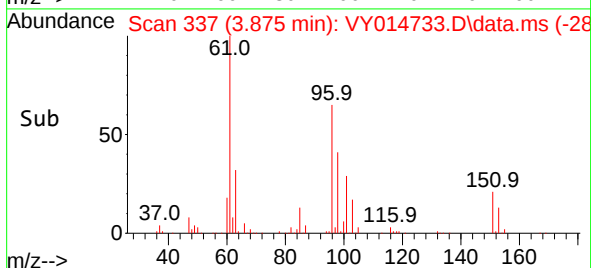
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

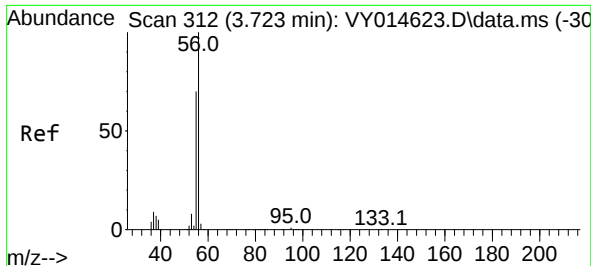


#12
1,1-Dichloroethene
Concen: 43.850 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.012 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16



Tgt Ion: 96 Resp: 124900
Ion Ratio Lower Upper
96 100
61 153.4 136.4 204.6
98 63.4 49.4 74.2





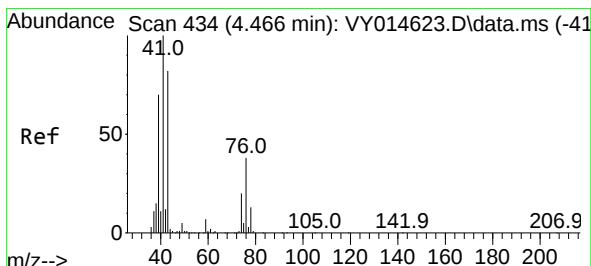
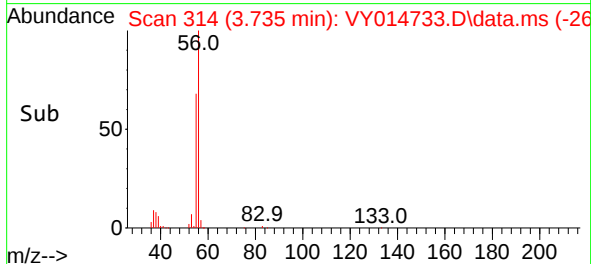
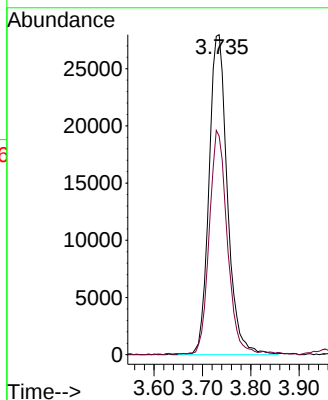
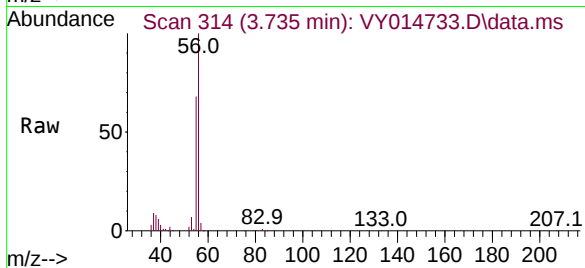
#13
Acrolein
Concen: 214.457 ug/l
RT: 3.735 min Scan# 312
Delta R.T. 0.012 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 7388
Ion Ratio Lower Upper
56 100
55 67.7 57.0 85.4

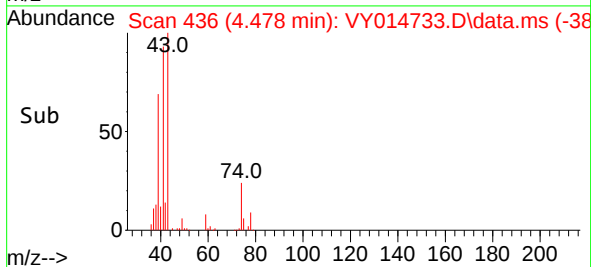
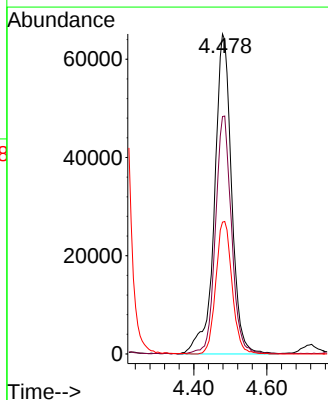
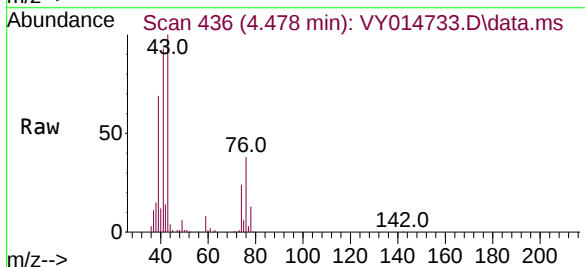
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#14
Allyl chloride
Concen: 41.874 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.012 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

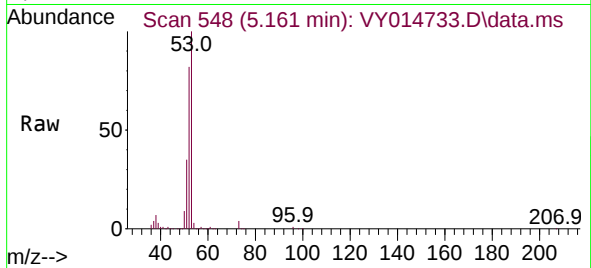
Tgt Ion: 41 Resp: 211772
Ion Ratio Lower Upper
41 100
39 70.0 58.0 87.0
76 39.2 27.4 41.2





#15
Acrylonitrile
Concen: 257.093 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

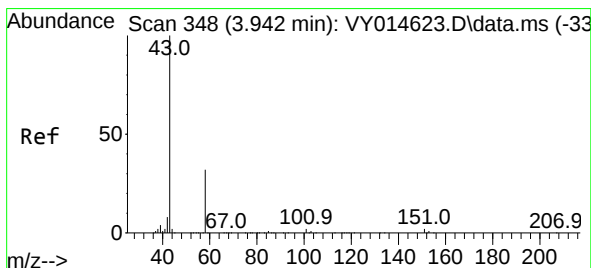
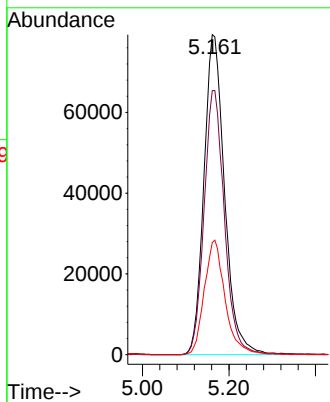
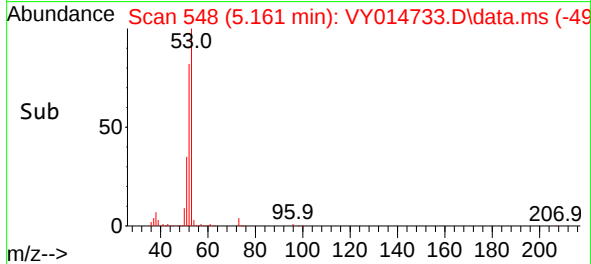
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 262270
Ion Ratio Lower Upper
53 100
52 81.6 66.9 100.3
51 36.2 29.8 44.6

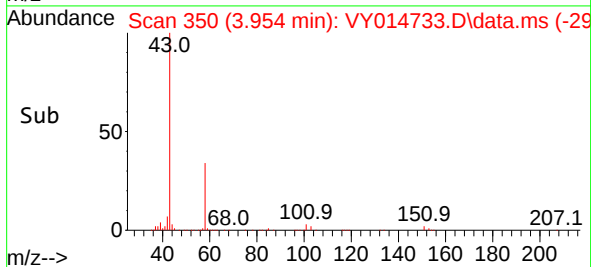
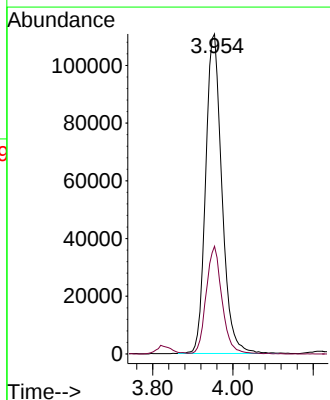
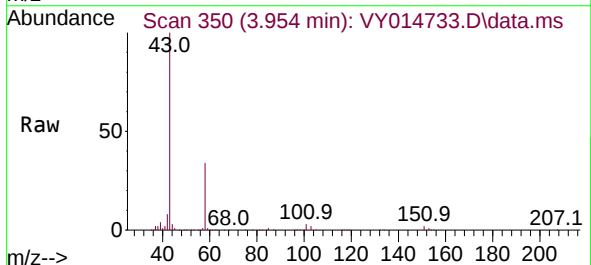
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#16
Acetone
Concen: 298.538 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

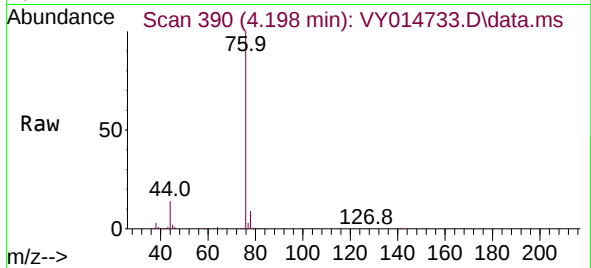
Tgt Ion: 43 Resp: 311820
Ion Ratio Lower Upper
43 100
58 33.6 22.7 34.1





#17
Carbon Disulfide
Concen: 40.179 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.012 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

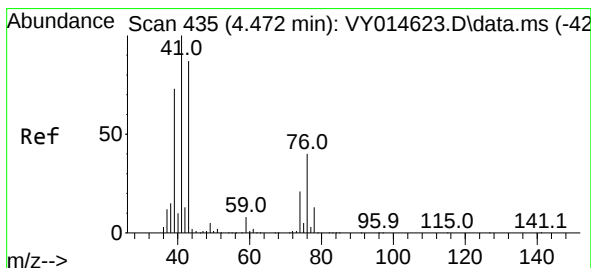
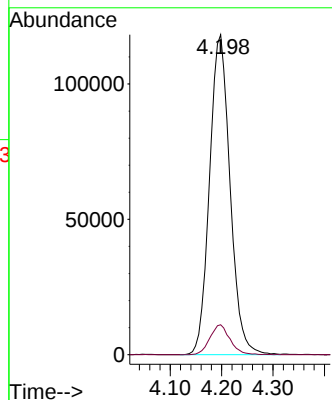
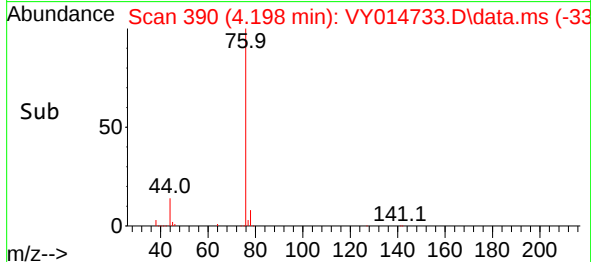
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 32765
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4

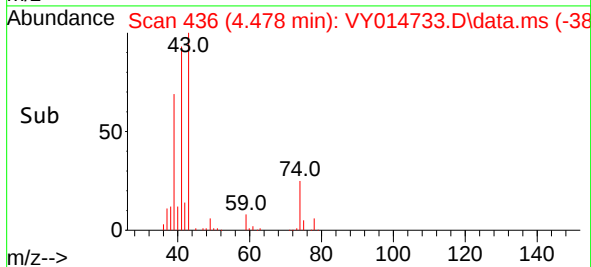
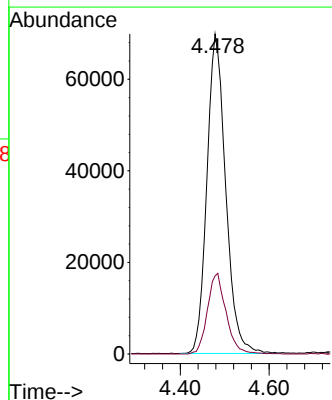
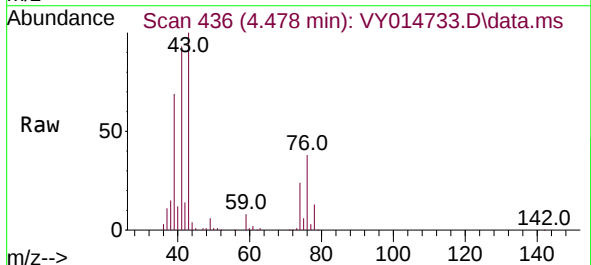
Manual Integrations
APPROVED

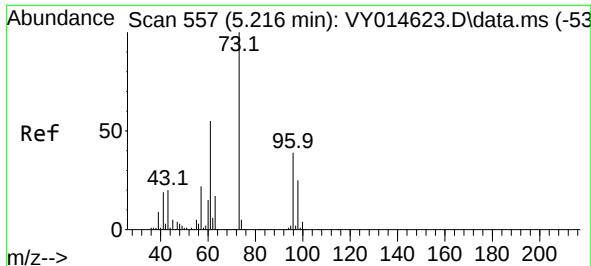
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#18
Methyl Acetate
Concen: 51.180 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

Tgt Ion: 43 Resp: 205142
Ion Ratio Lower Upper
43 100
74 24.9 17.4 26.0





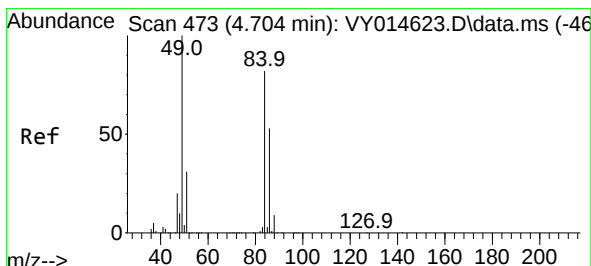
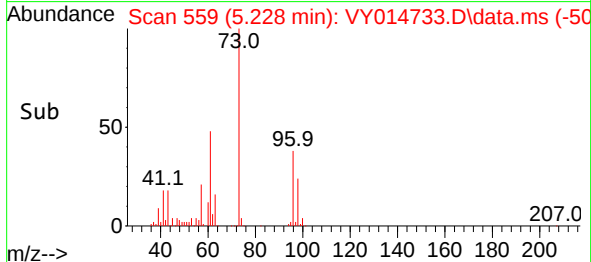
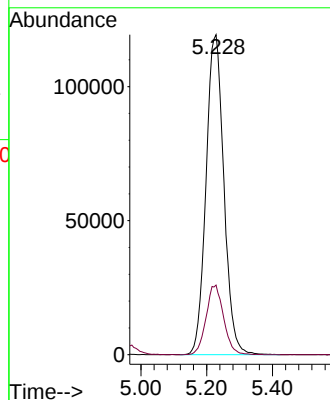
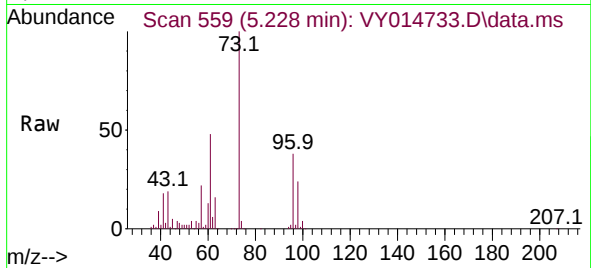
#19
Methyl tert-butyl Ether
Concen: 48.607 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 44973
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9

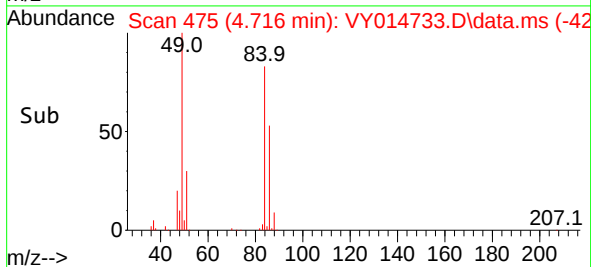
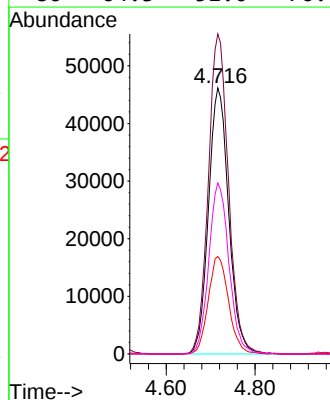
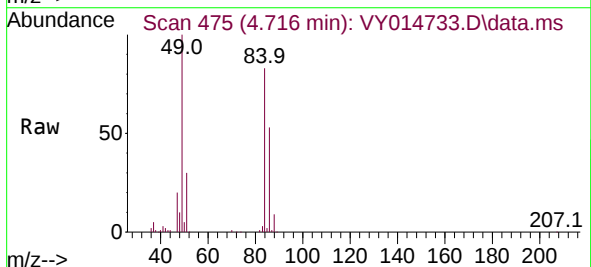
Manual Integrations
APPROVED

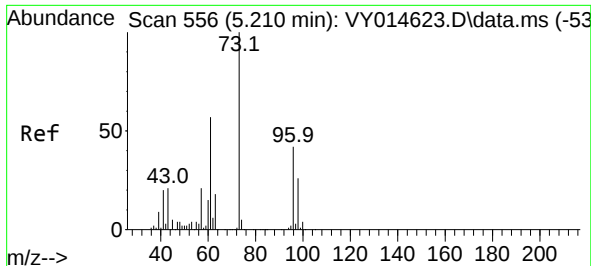
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#20
Methylene Chloride
Concen: 42.371 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

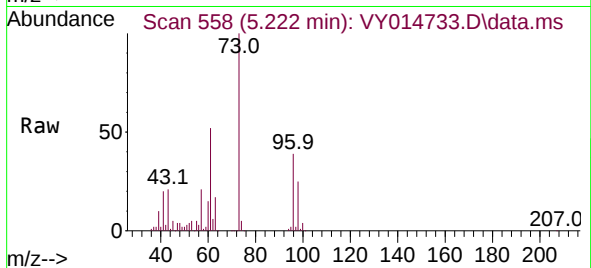
Tgt Ion: 84 Resp: 145955
Ion Ratio Lower Upper
84 100
49 120.2 106.9 160.3
51 36.6 33.2 49.8
86 64.3 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 44.805 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

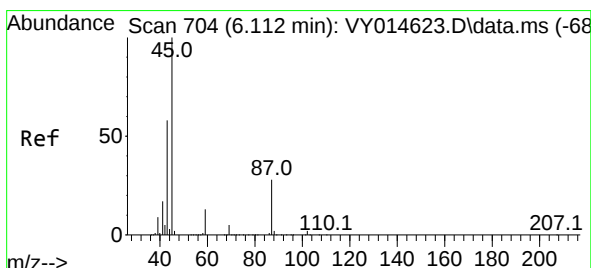
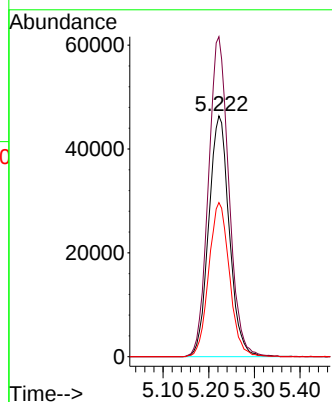
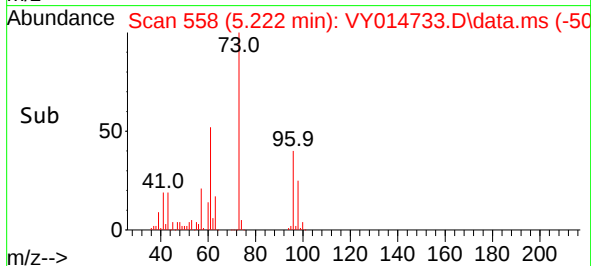
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



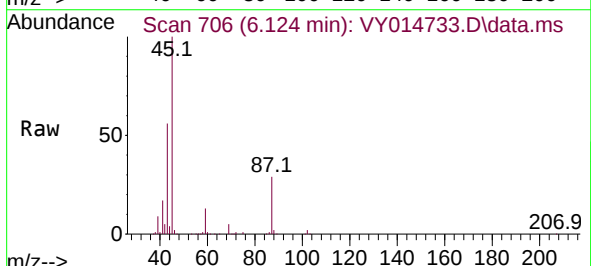
Tgt Ion: 96 Resp: 144828
Ion Ratio Lower Upper
96 100
61 132.9 110.2 165.4
98 64.0 51.8 77.6

Manual Integrations
APPROVED

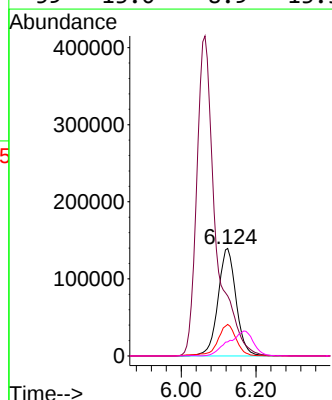
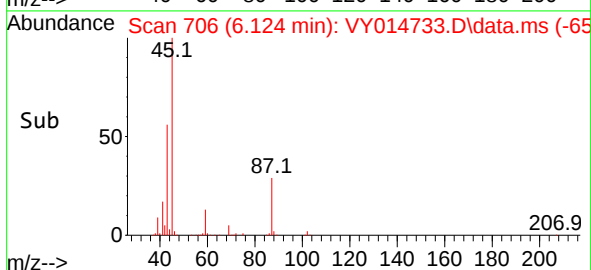
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#22
Diisopropyl ether
Concen: 45.466 ug/l
RT: 6.124 min Scan# 706
Delta R.T. 0.012 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16



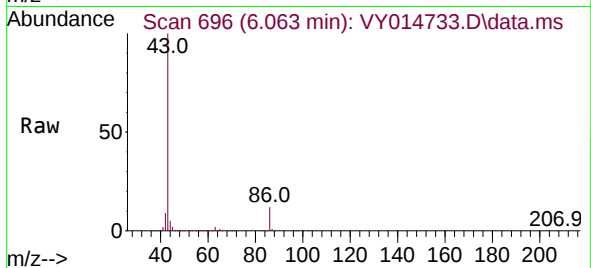
Tgt Ion: 45 Resp: 467487
Ion Ratio Lower Upper
45 100
43 55.5 52.2 78.4
87 29.3 21.0 31.6
59 13.0 8.9 13.3





#23
 Vinyl Acetate
 Concen: 236.158 ug/l
 RT: 6.063 min Scan# 694
 Delta R.T. 0.012 min
 Lab File: VY014733.D
 Acq: 21 Jul 2023 09:16

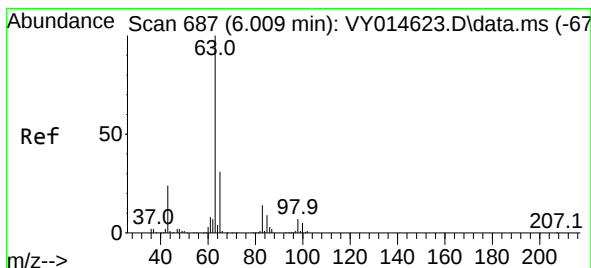
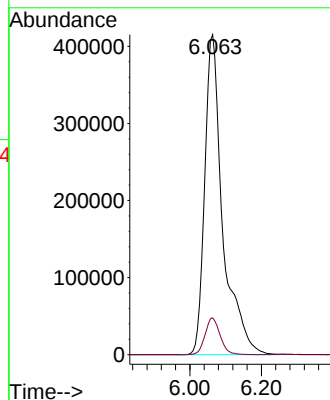
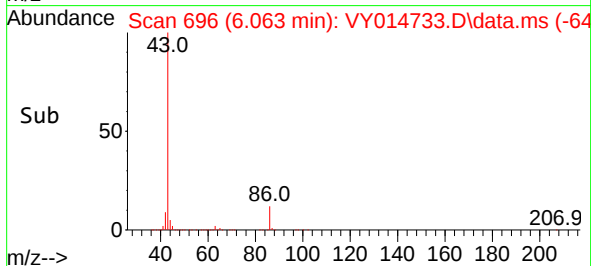
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



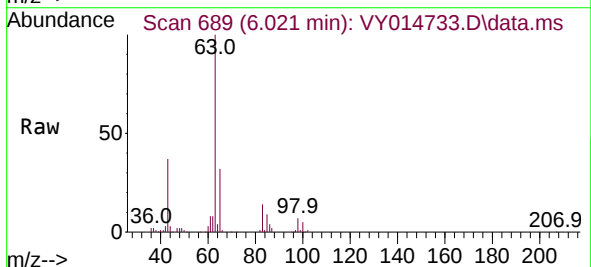
Tgt Ion: 43 Resp: 1453119
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.5 11.3

Manual Integrations
 APPROVED

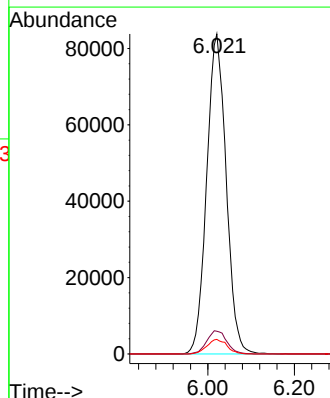
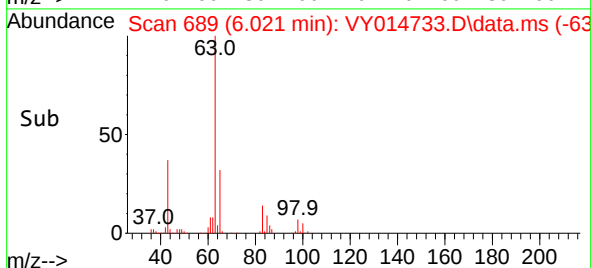
Reviewed By :John Carlone 07/24/2023
 Supervised By :Mahesh Dadoda 07/24/2023



#24
 1,1-Dichloroethane
 Concen: 44.407 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.012 min
 Lab File: VY014733.D
 Acq: 21 Jul 2023 09:16



Tgt Ion: 63 Resp: 261261
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.1 9.4
 100 4.6 1.8 5.5





#25

2-Butanone

Concen: 280.527 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY014733.D

Acq: 21 Jul 2023 09:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 42866

Ion Ratio Lower Upper

43 100

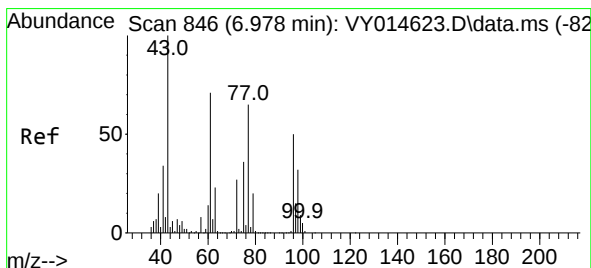
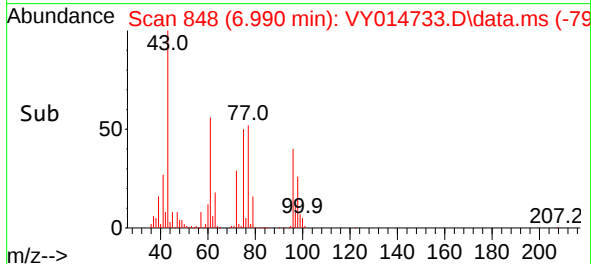
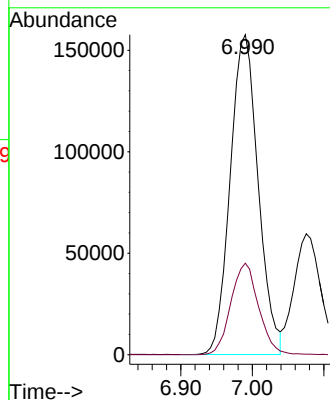
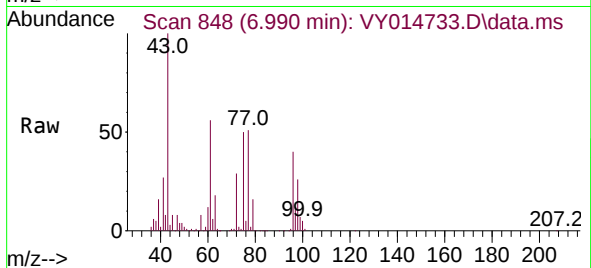
72 28.6 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#26

2,2-Dichloropropane

Concen: 45.590 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY014733.D

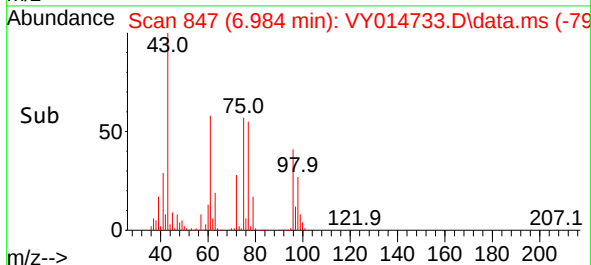
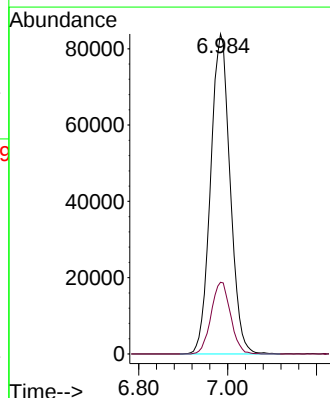
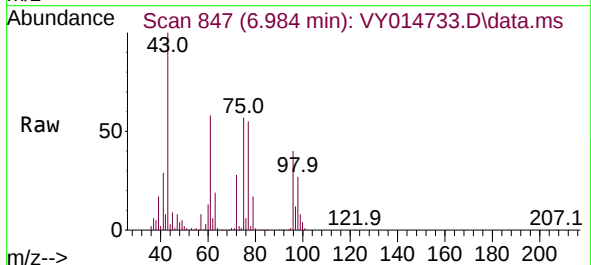
Acq: 21 Jul 2023 09:16

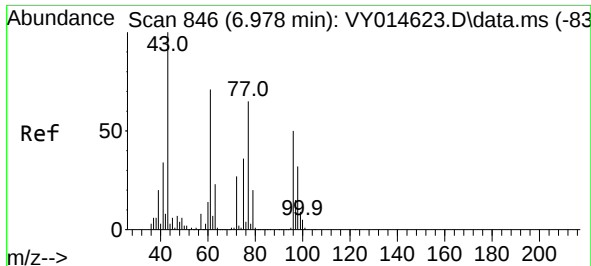
Tgt Ion: 77 Resp: 255628

Ion Ratio Lower Upper

77 100

97 22.2 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 46.328 ug/l

RT: 6.990 min Scan# 846

Delta R.T. 0.012 min

Lab File: VY014733.D

Acq: 21 Jul 2023 09:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 17431

Ion Ratio Lower Upper

96 100

61 143.5 0.0 301.4

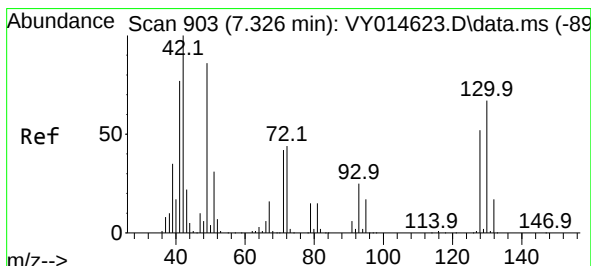
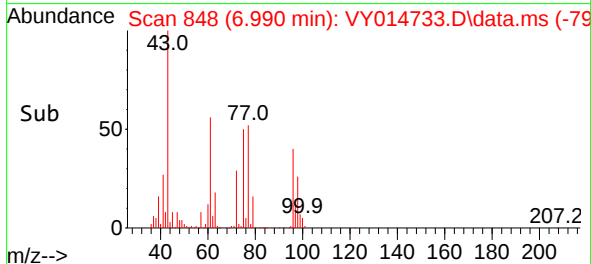
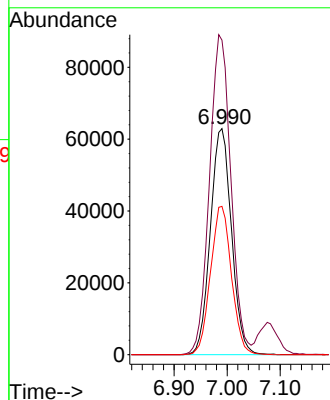
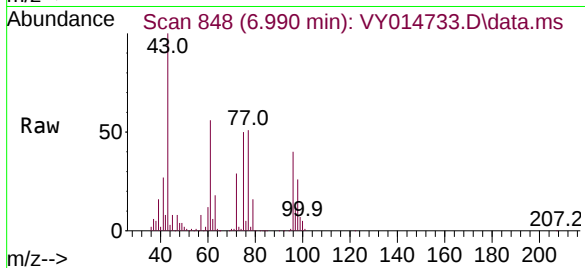
98 65.1 0.0 130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#28

Bromochloromethane

Concen: 49.612 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.012 min

Lab File: VY014733.D

Acq: 21 Jul 2023 09:16

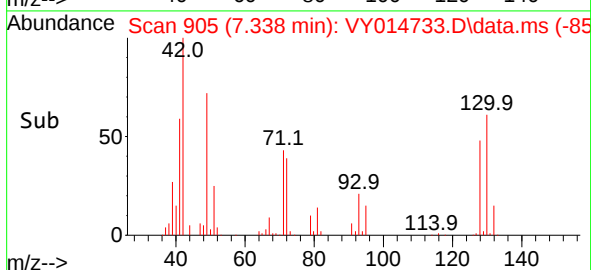
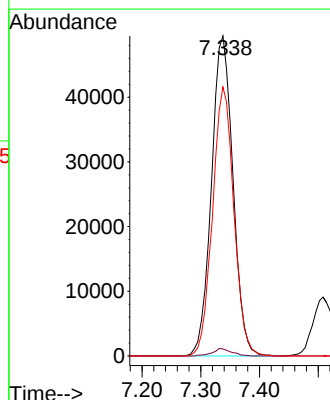
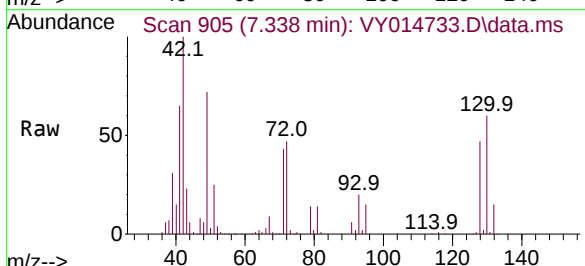
Tgt Ion: 49 Resp: 125708

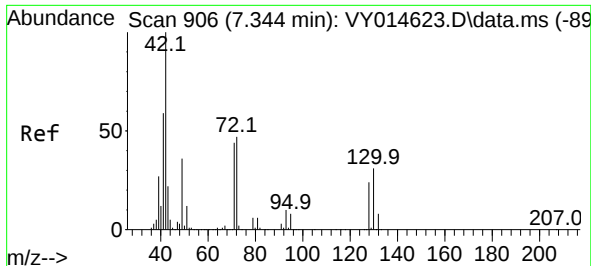
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 83.3 60.7 91.1





#29

Tetrahydrofuran

Concen: 258.468 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY014733.D

Acq: 21 Jul 2023 09:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 243199

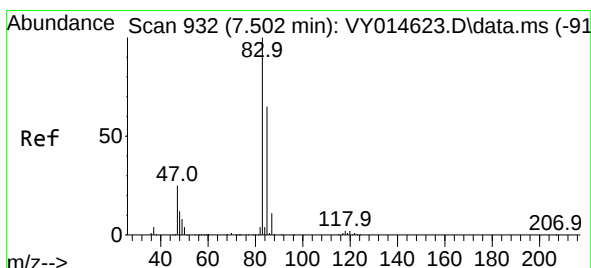
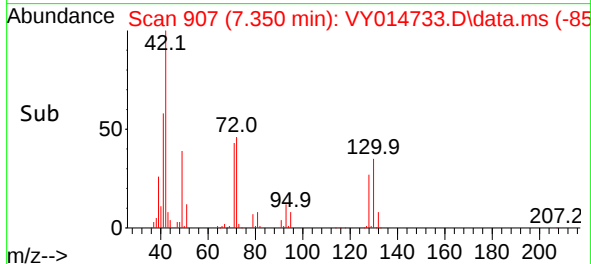
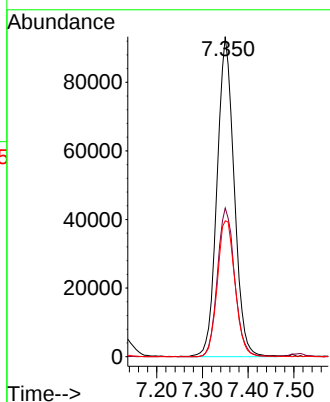
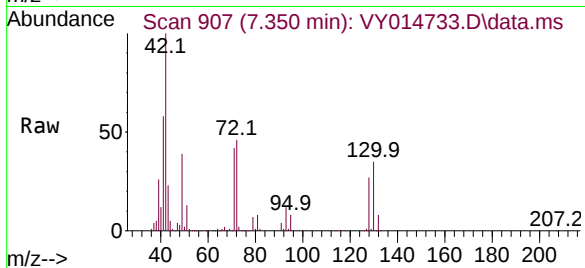
Ion	Ratio	Lower	Upper
42	100		
72	46.6	32.8	49.2
71	43.8	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#30

Chloroform

Concen: 46.282 ug/l

RT: 7.508 min Scan# 933

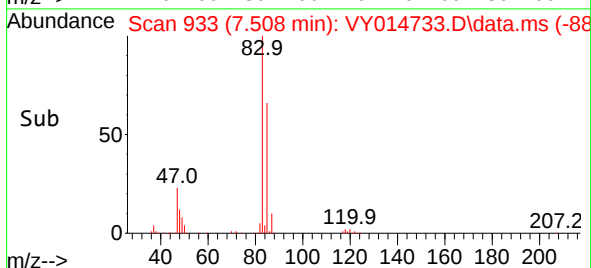
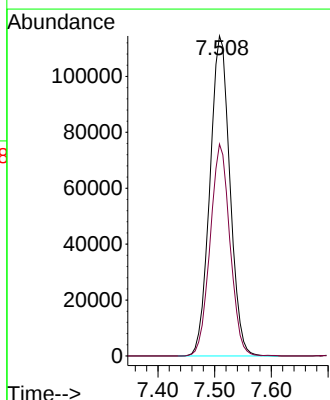
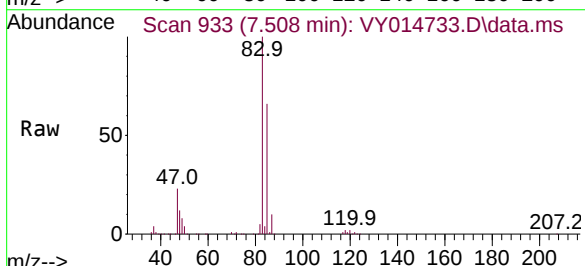
Delta R.T. 0.006 min

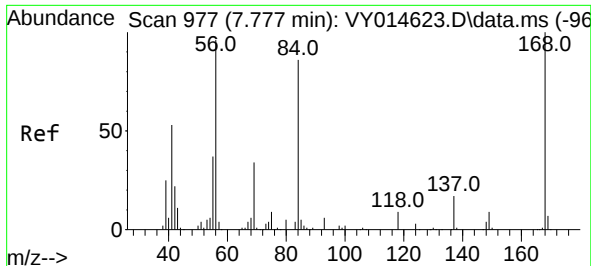
Lab File: VY014733.D

Acq: 21 Jul 2023 09:16

Tgt Ion: 83 Resp: 280788

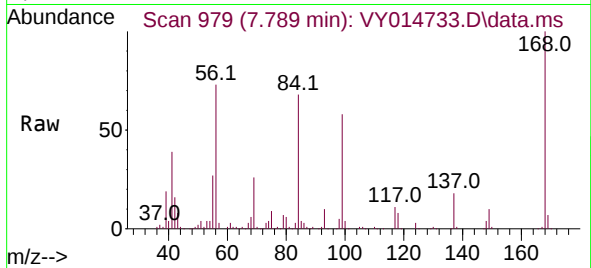
Ion	Ratio	Lower	Upper
83	100		
85	66.2	49.7	74.5





#31
Cyclohexane
Concen: 40.136 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

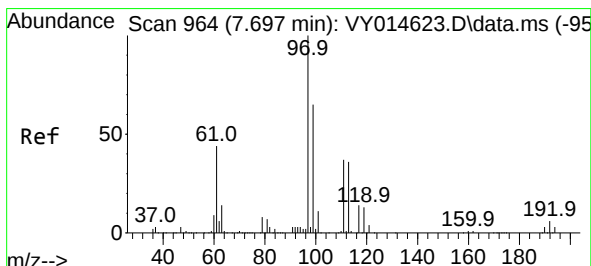
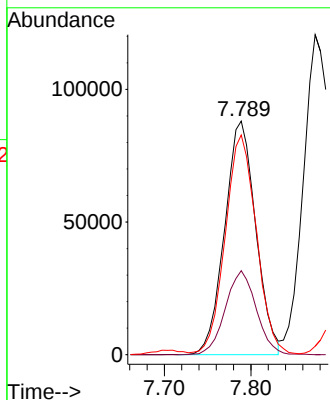
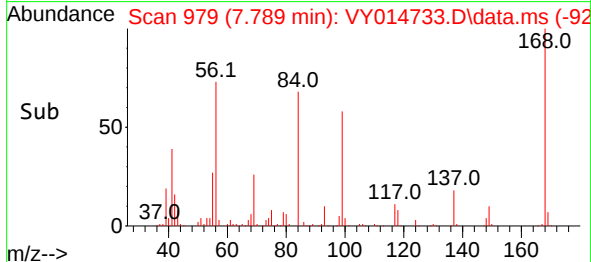
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



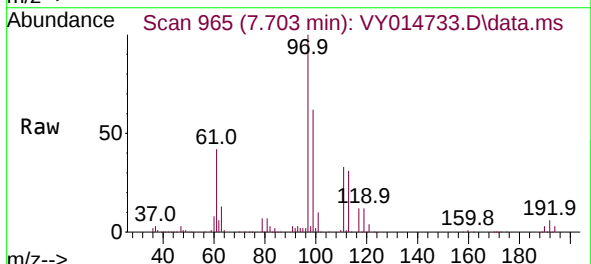
Tgt Ion: 56 Resp: 219608
Ion Ratio Lower Upper
56 100
69 35.9 27.8 41.6
84 92.7 66.4 99.6

Manual Integrations
APPROVED

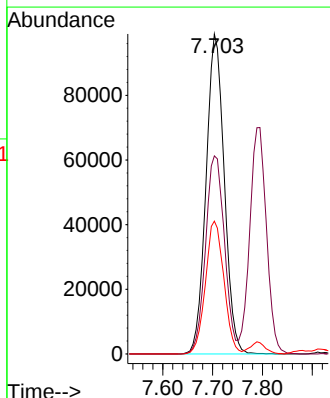
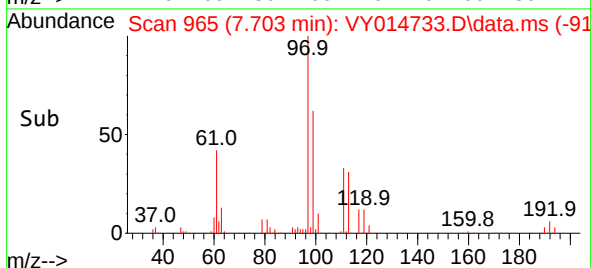
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#32
1,1,1-Trichloroethane
Concen: 46.015 ug/l
RT: 7.703 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16



Tgt Ion: 97 Resp: 251258
Ion Ratio Lower Upper
97 100
99 64.1 50.8 76.2
61 42.0 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 44.163 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY014733.D

Acq: 21 Jul 2023 09:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 145564

Ion Ratio Lower Upper

65 100

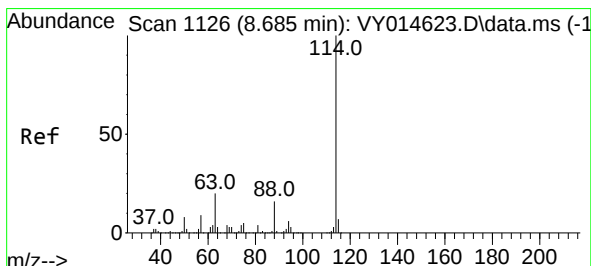
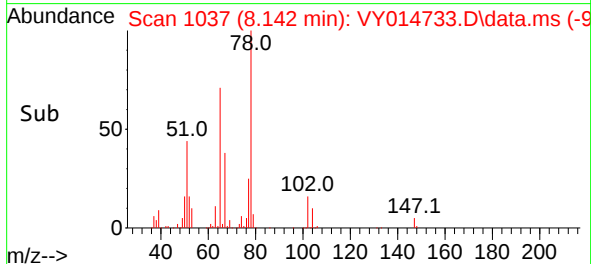
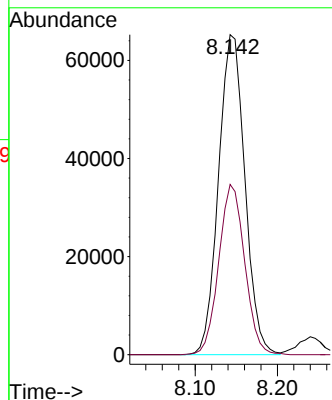
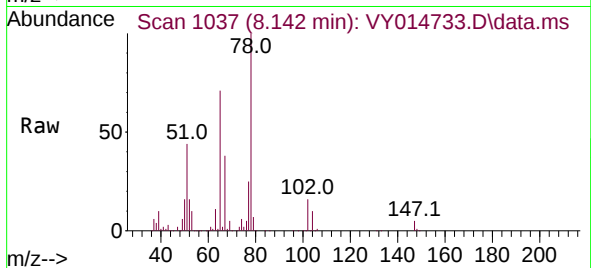
67 52.3 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014733.D

Acq: 21 Jul 2023 09:16

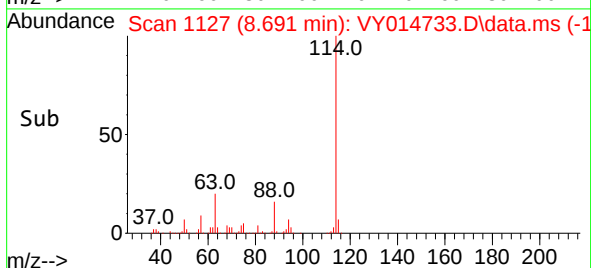
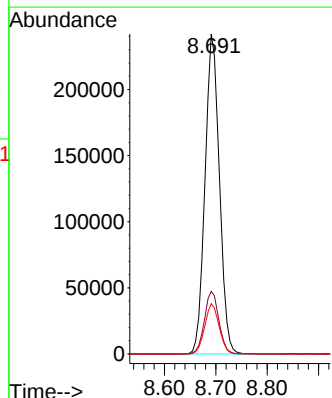
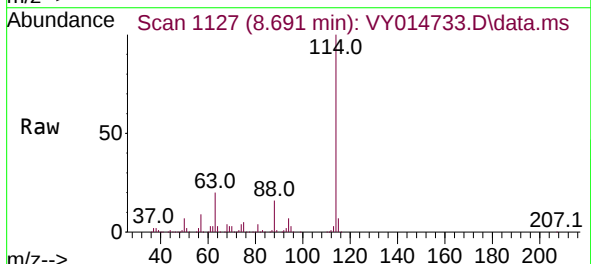
Tgt Ion:114 Resp: 469917

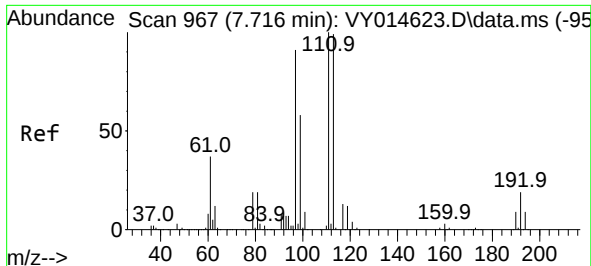
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

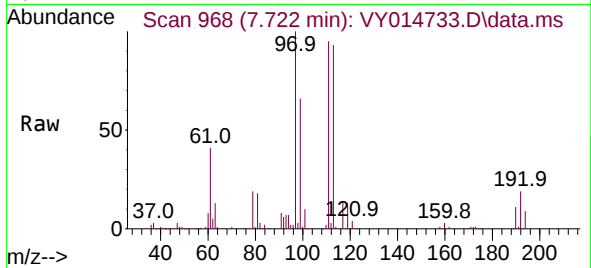
88 15.7 0.0 30.6





#35
Dibromofluoromethane
Concen: 45.036 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

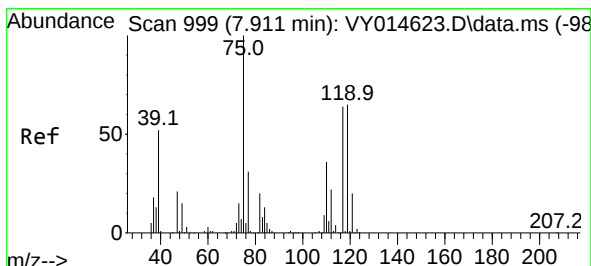
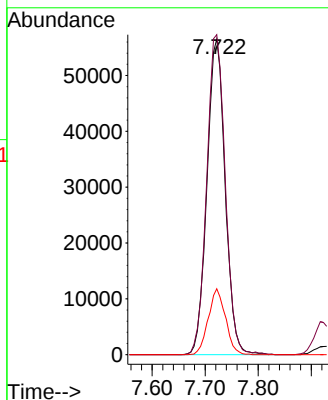
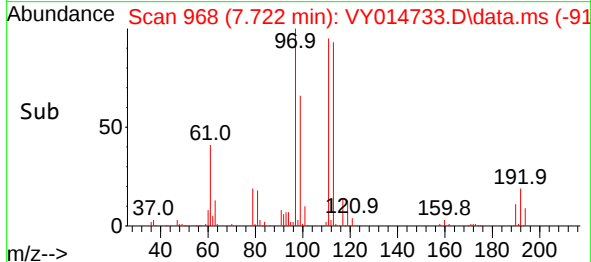
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



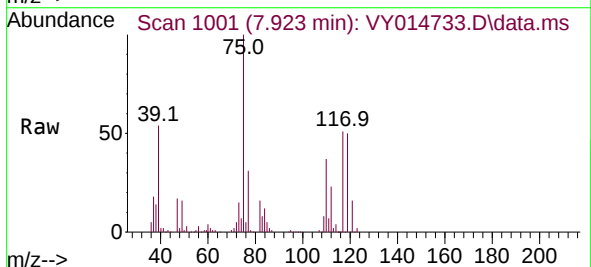
Tgt Ion: 113 Resp: 134720
Ion Ratio Lower Upper
113 100
111 103.5 81.3 121.9
192 19.8 16.9 25.3

Manual Integrations
APPROVED

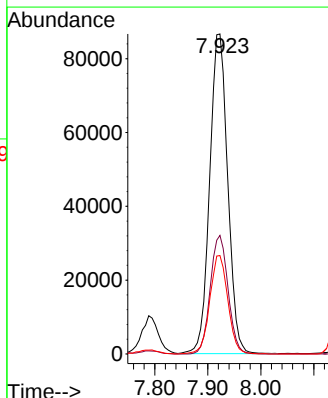
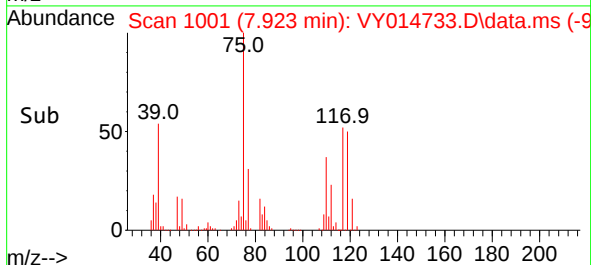
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#36
1,1-Dichloropropene
Concen: 45.666 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.012 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16



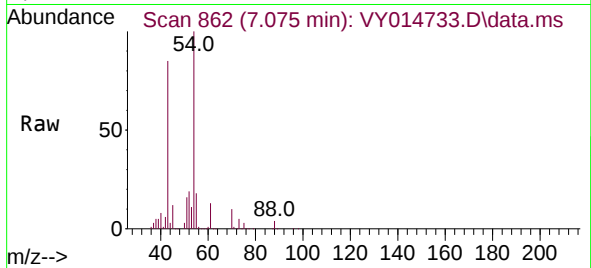
Tgt Ion: 75 Resp: 204288
Ion Ratio Lower Upper
75 100
110 36.6 17.8 53.5
77 30.9 24.4 36.6





#37
Ethyl Acetate
Concen: 51.599 ug/l
RT: 7.075 min Scan# 861
Delta R.T. 0.005 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

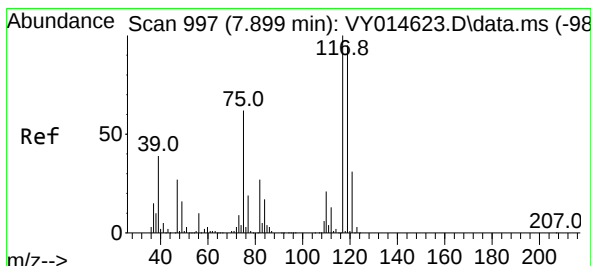
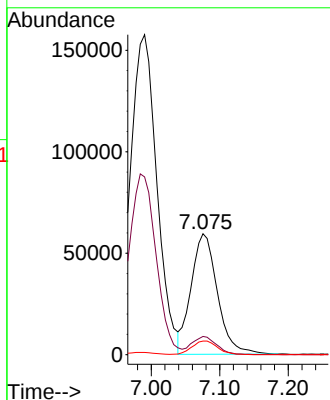
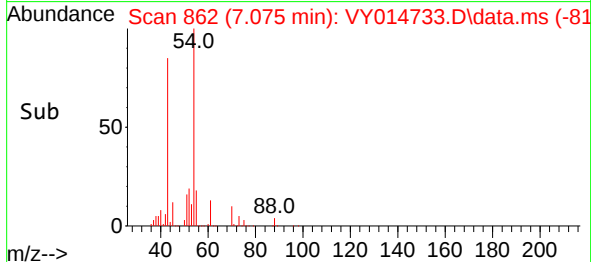
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 158920
Ion Ratio Lower Upper
43 100
61 14.1 10.1 15.1
70 11.1 7.1 10.7

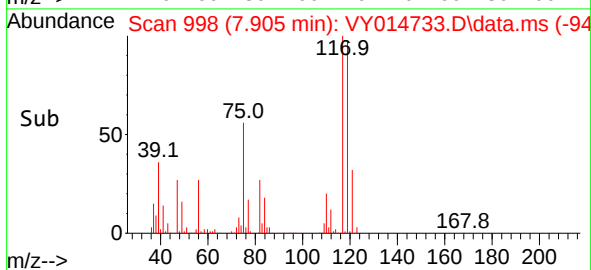
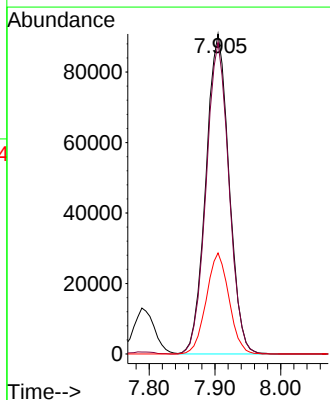
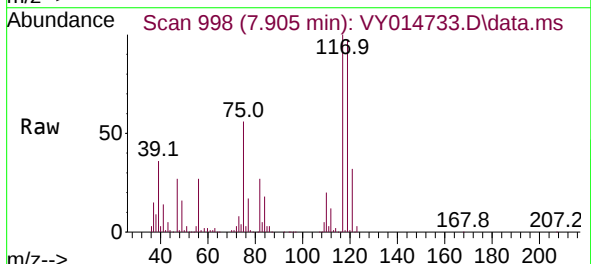
Manual Integrations
APPROVED

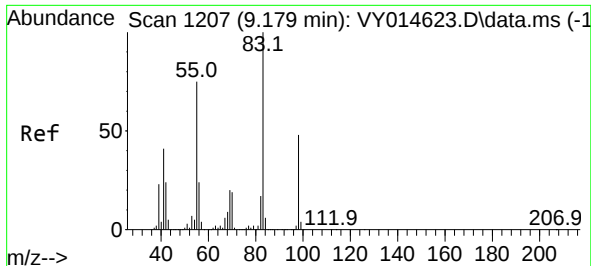
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#38
Carbon Tetrachloride
Concen: 47.148 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.006 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

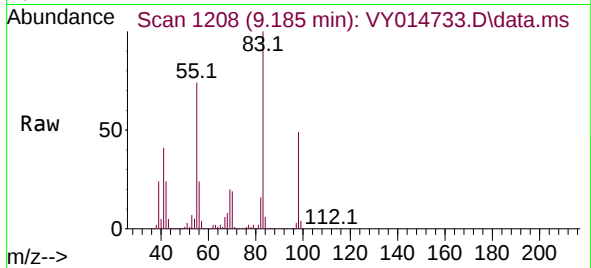
Tgt Ion:117 Resp: 222960
Ion Ratio Lower Upper
117 100
119 97.4 76.4 114.6
121 31.5 25.8 38.6





#39
Methylcyclohexane
Concen: 43.595 ug/l
RT: 9.185 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

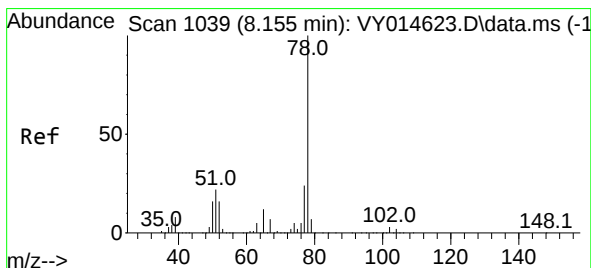
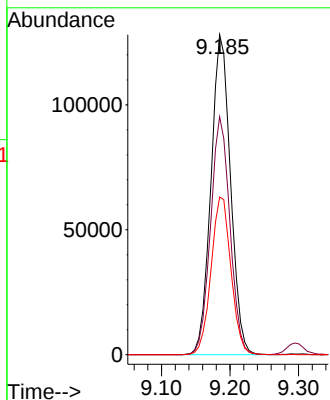
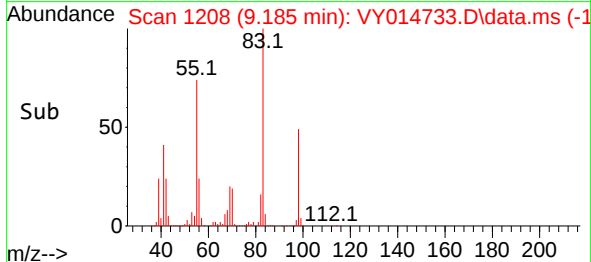
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 254078
Ion Ratio Lower Upper
83 100
55 74.3 63.0 94.4
98 49.3 37.4 56.2

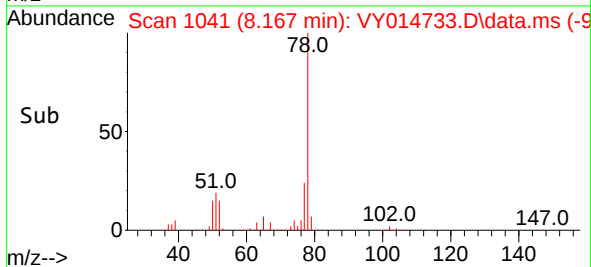
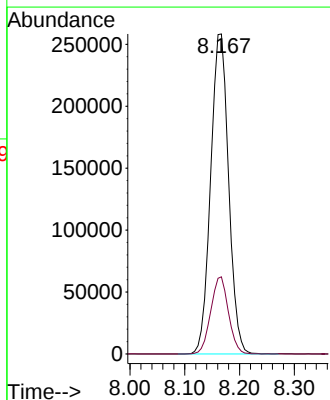
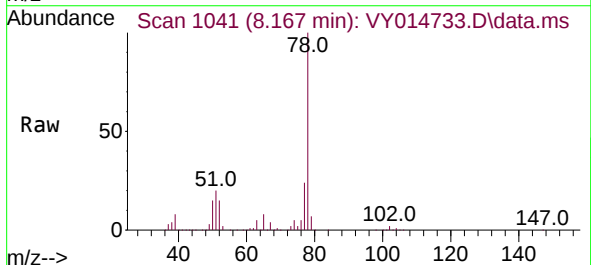
Manual Integrations
APPROVED

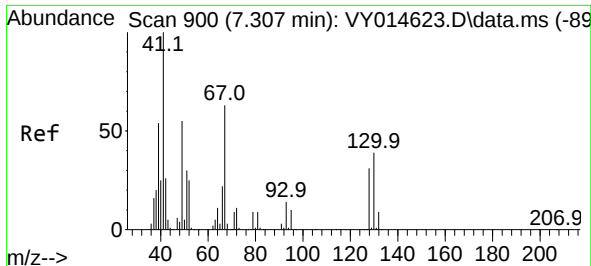
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#40
Benzene
Concen: 46.121 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

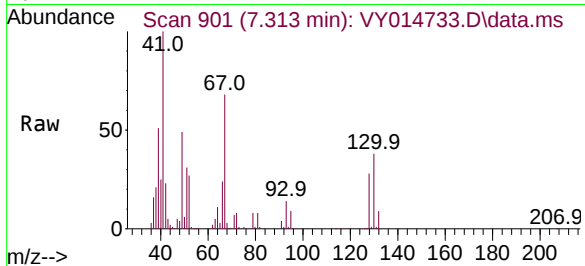
Tgt Ion: 78 Resp: 586787
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.6





#41
Methacrylonitrile
Concen: 46.351 ug/l m
RT: 7.313 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

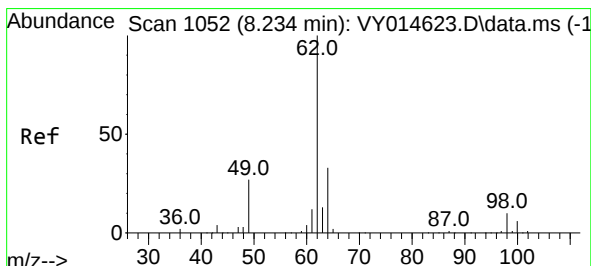
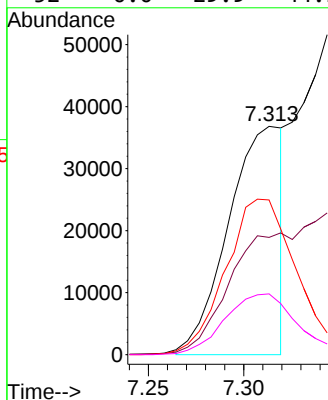
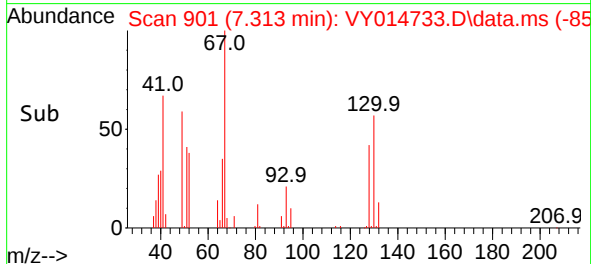
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 73430
Ion Ratio Lower Upper
41 100
39 146.2 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

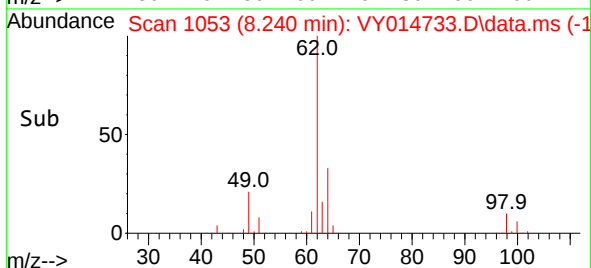
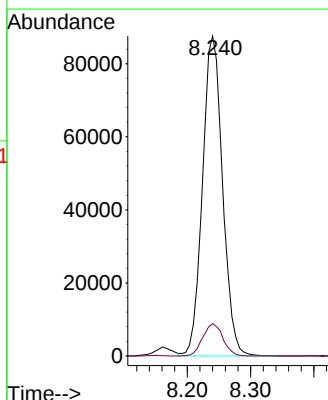
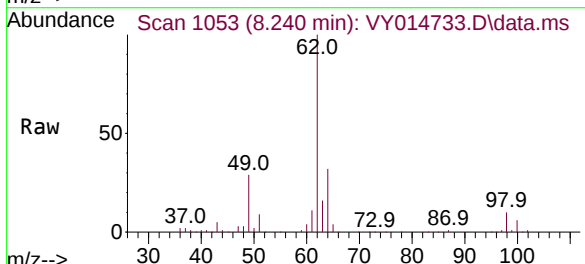
Manual Integrations
APPROVED

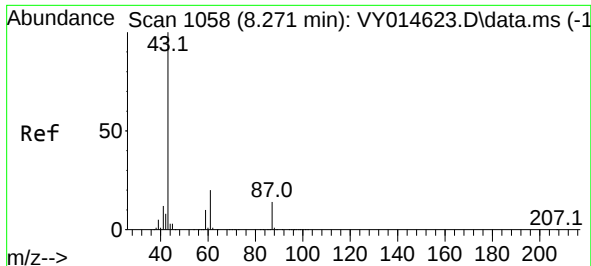
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#42
1,2-Dichloroethane
Concen: 48.036 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

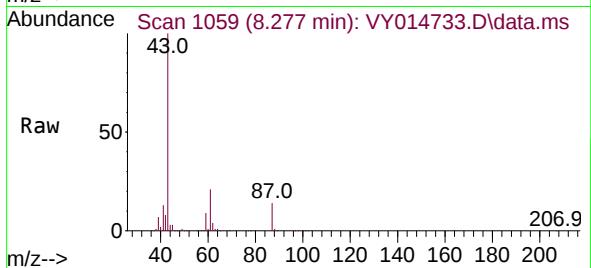
Tgt Ion: 62 Resp: 193536
Ion Ratio Lower Upper
62 100
98 10.1 0.0 15.8





#43
Isopropyl Acetate
Concen: 49.692 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.005 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

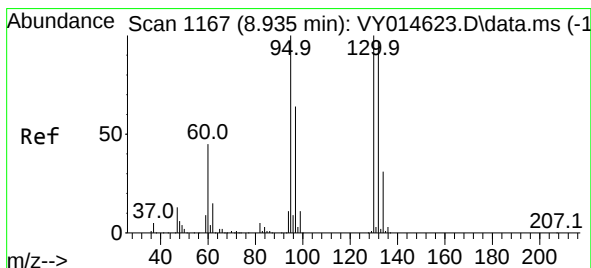
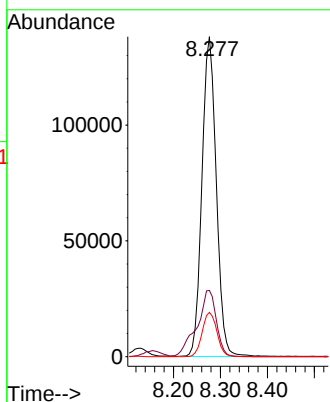
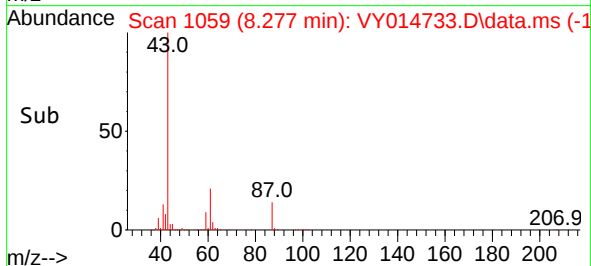
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 291550
Ion Ratio Lower Upper
43 100
61 27.8 21.1 31.7
87 14.3 9.8 14.8

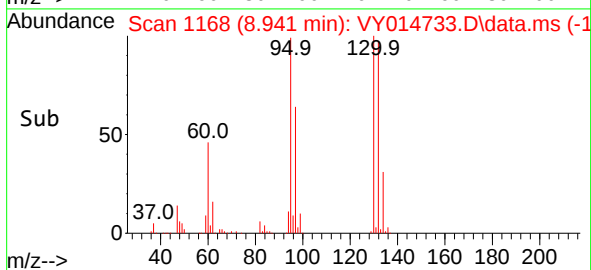
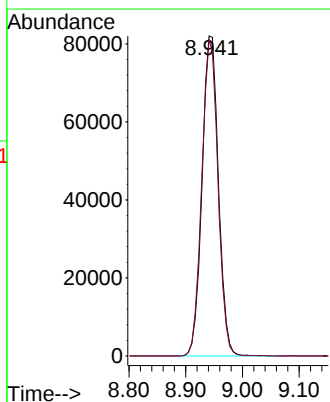
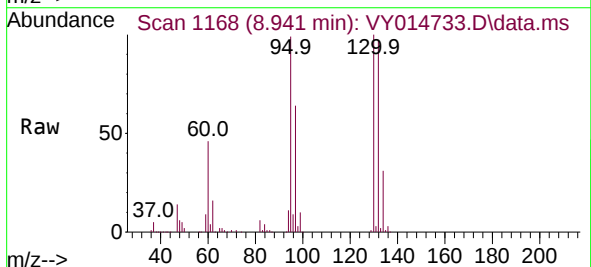
Manual Integrations
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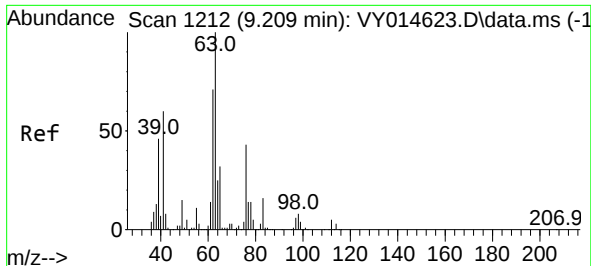
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#44
Trichloroethene
Concen: 46.227 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

Tgt Ion:130 Resp: 164557
Ion Ratio Lower Upper
130 100
95 98.8 0.0 196.0





#45

1,2-Dichloropropane

Concen: 46.147 ug/l

RT: 9.221 min Scan# 1214

Delta R.T. 0.012 min

Lab File: VY014733.D

Acq: 21 Jul 2023 09:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 15331

Ion Ratio Lower Upper

63 100

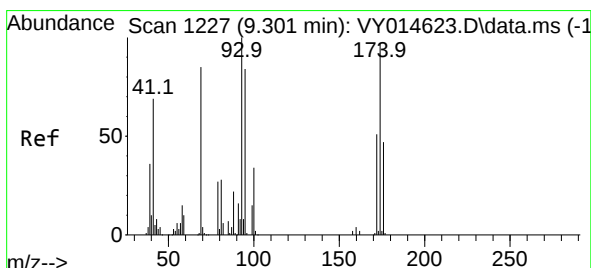
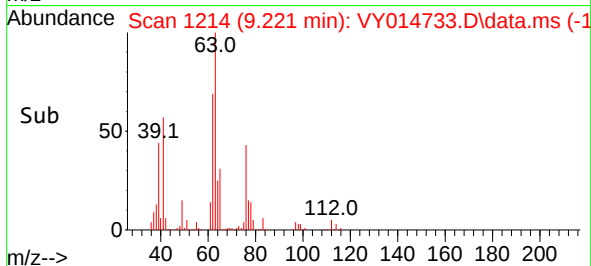
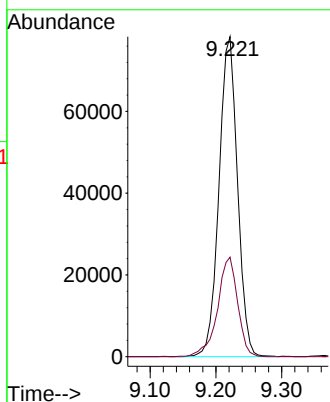
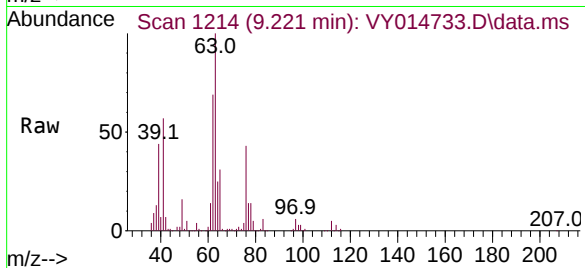
65 31.1 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#46

Dibromomethane

Concen: 48.685 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY014733.D

Acq: 21 Jul 2023 09:16

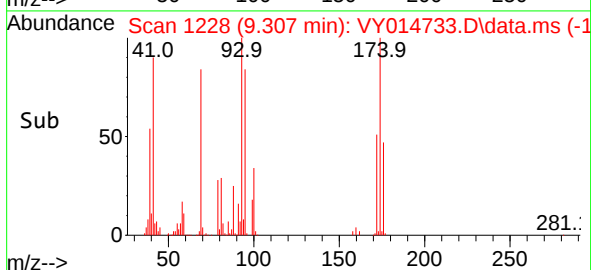
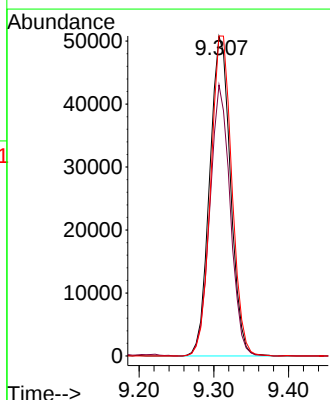
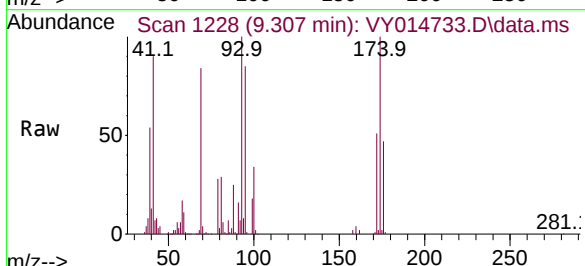
Tgt Ion: 93 Resp: 98121

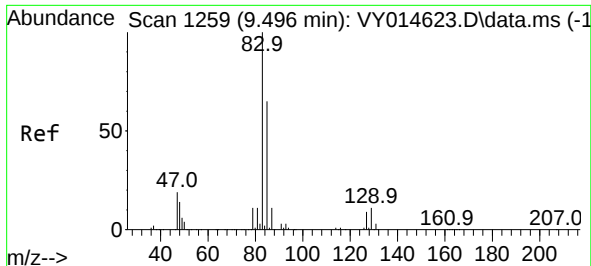
Ion Ratio Lower Upper

93 100

95 82.6 66.6 100.0

174 101.3 84.8 127.2





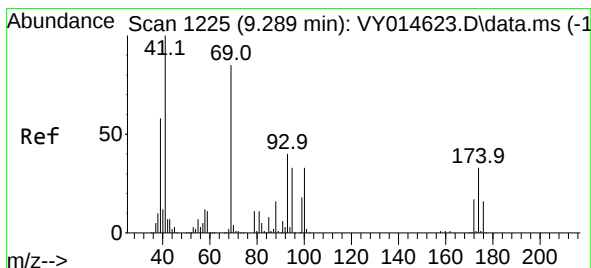
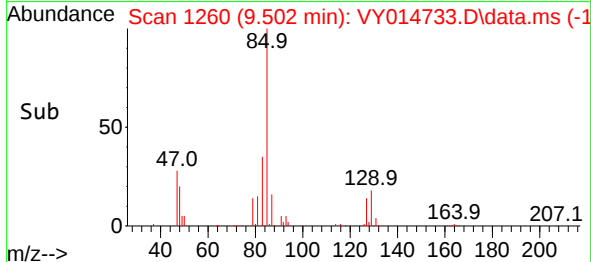
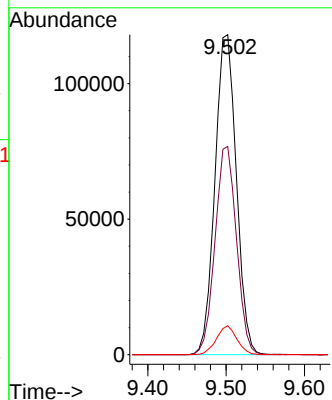
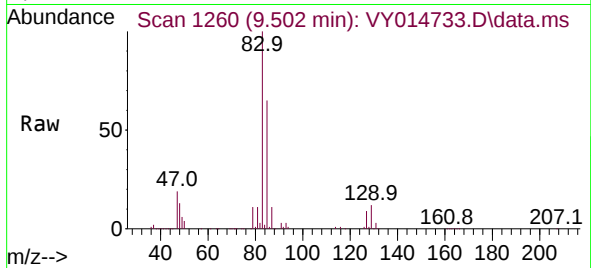
#47
Bromodichloromethane
Concen: 47.207 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 224240
Ion Ratio Lower Upper
83 100
85 65.1 50.1 75.1
127 9.0 7.1 10.7

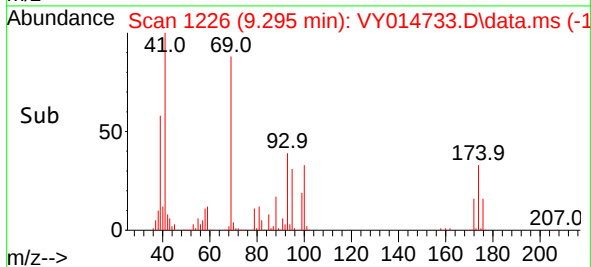
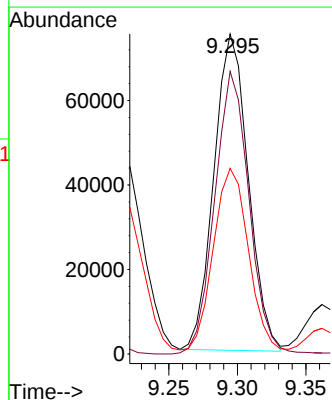
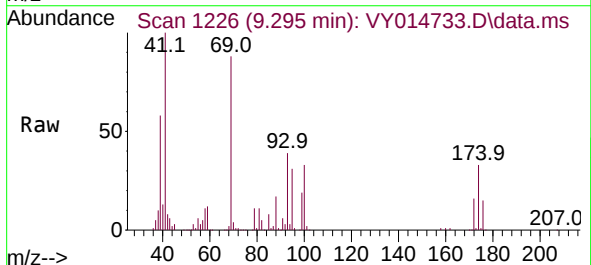
Manual Integrations
APPROVED

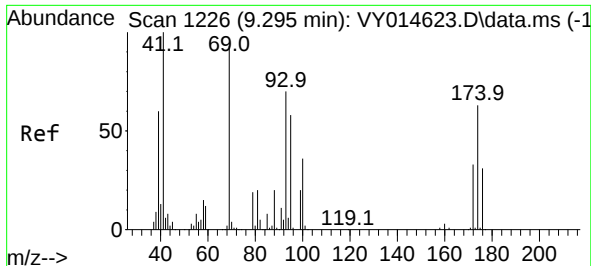
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#48
Methyl methacrylate
Concen: 49.429 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

Tgt Ion: 41 Resp: 130495
Ion Ratio Lower Upper
41 100
69 89.6 64.5 96.7
39 58.6 50.8 76.2





#49

1,4-Dioxane

Concen: 1082.599 ug/l

RT: 9.301 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY014733.D

Acq: 21 Jul 2023 09:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

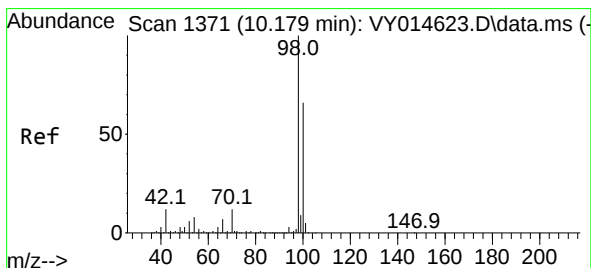
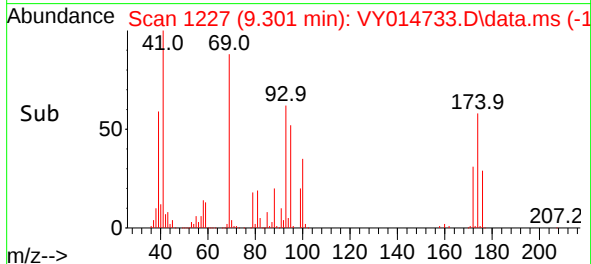
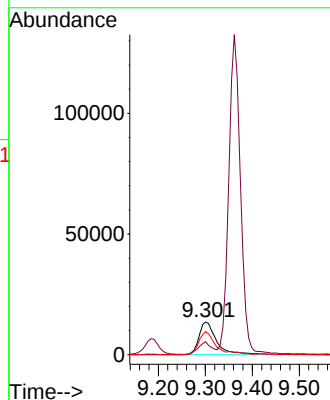
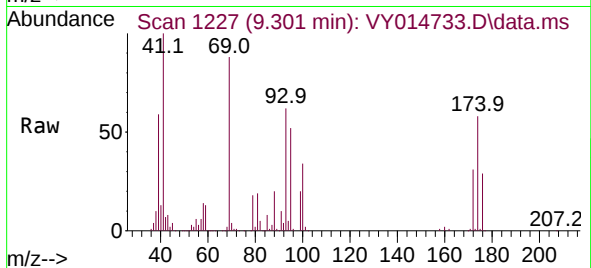
Tgt Ion: 88 Resp: 35578
 Ion Ratio Lower Upper
 88 100
 43 29.0 0.0 0.0
 58 68.8 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#50

Toluene-d8

Concen: 43.110 ug/l

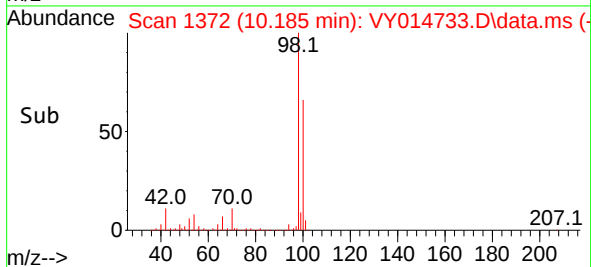
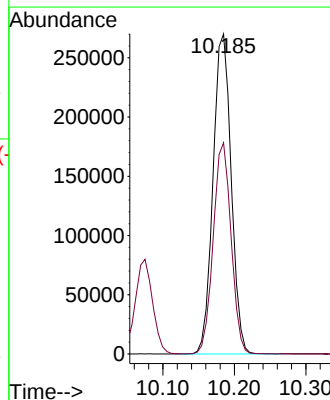
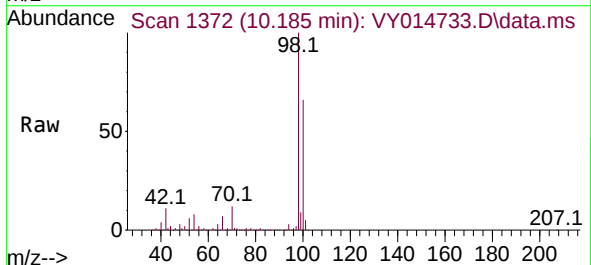
RT: 10.185 min Scan# 1372

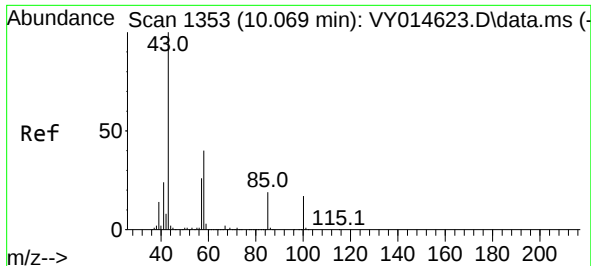
Delta R.T. 0.006 min

Lab File: VY014733.D

Acq: 21 Jul 2023 09:16

Tgt Ion: 98 Resp: 475442
 Ion Ratio Lower Upper
 98 100
 100 64.9 50.1 75.1





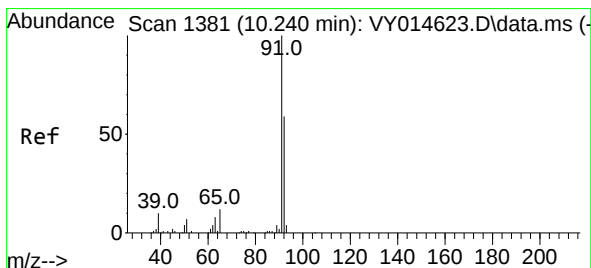
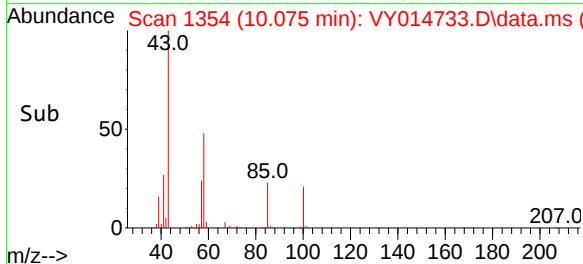
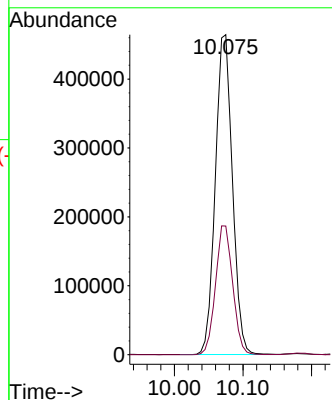
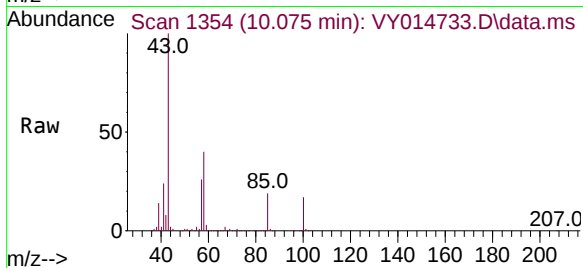
#51
4-Methyl-2-Pentanone
Concen: 261.197 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 804618
Ion Ratio Lower Upper
43 100
58 40.5 29.0 43.6

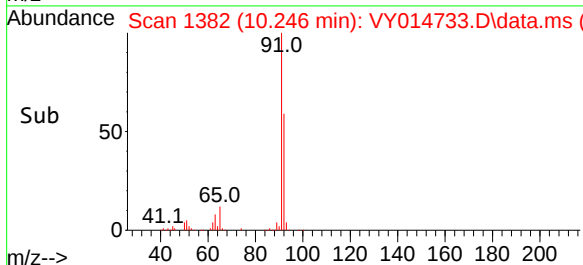
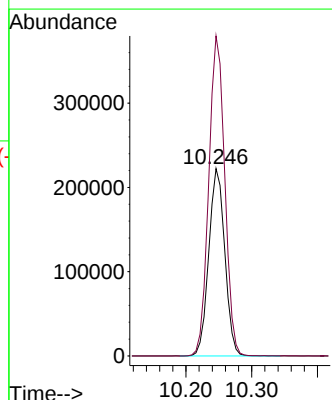
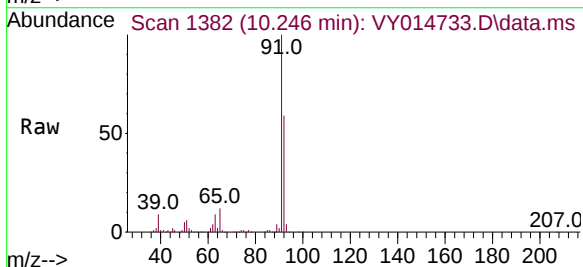
Manual Integrations
APPROVED

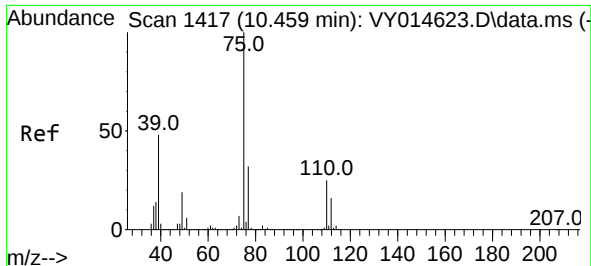
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#52
Toluene
Concen: 46.235 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

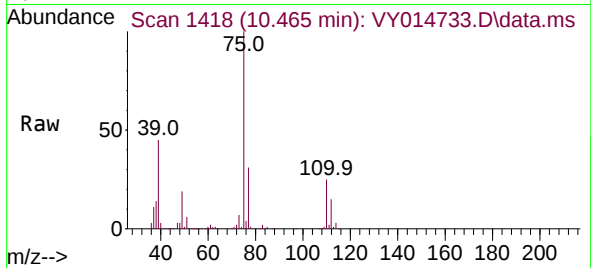
Tgt Ion: 92 Resp: 376420
Ion Ratio Lower Upper
92 100
91 170.9 143.8 215.6





#53
t-1,3-Dichloropropene
Concen: 47.516 ug/l
RT: 10.465 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

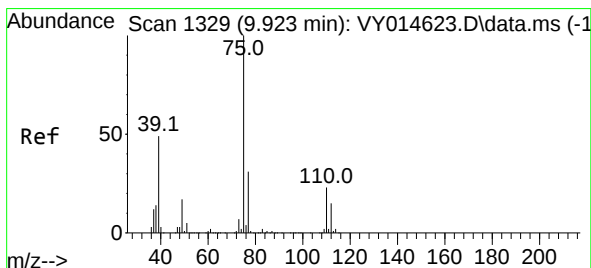
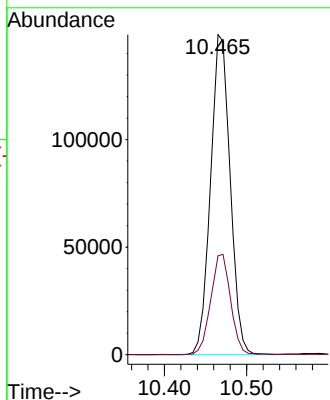
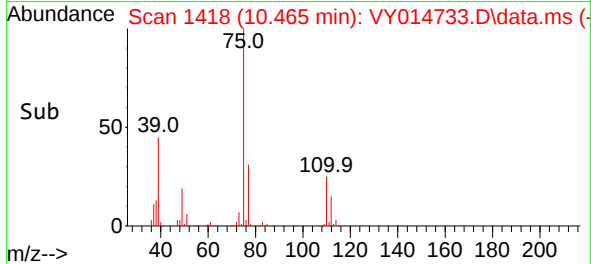
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 246889
Ion Ratio Lower Upper
75 100
77 30.8 25.0 37.4

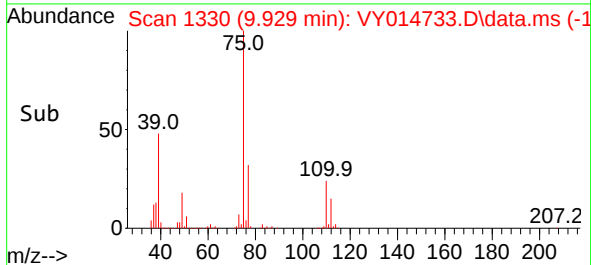
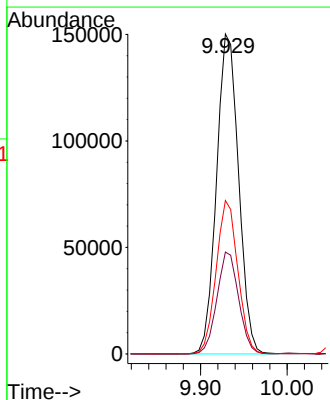
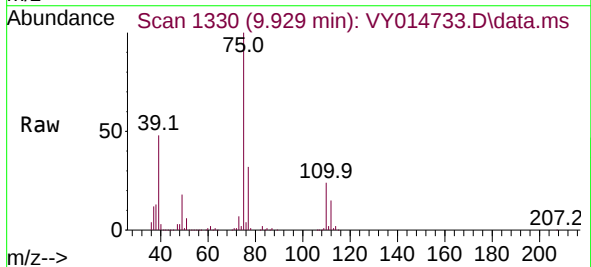
Manual Integrations
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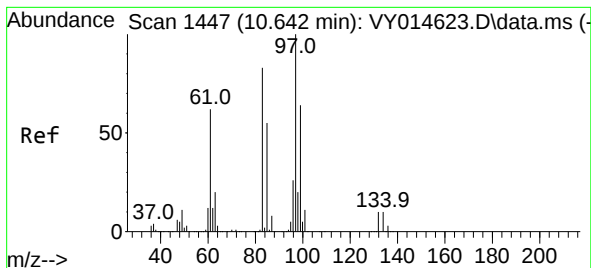
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#54
cis-1,3-Dichloropropene
Concen: 47.031 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

Tgt Ion: 75 Resp: 265742
Ion Ratio Lower Upper
75 100
77 31.8 24.2 36.4
39 47.9 42.2 63.4





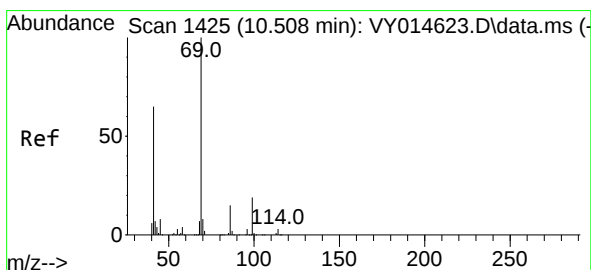
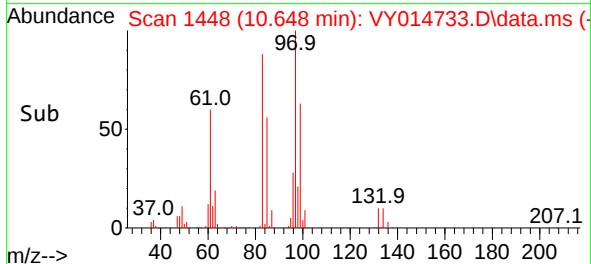
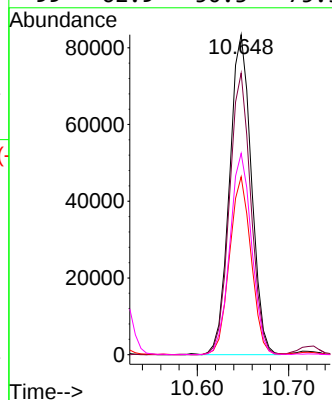
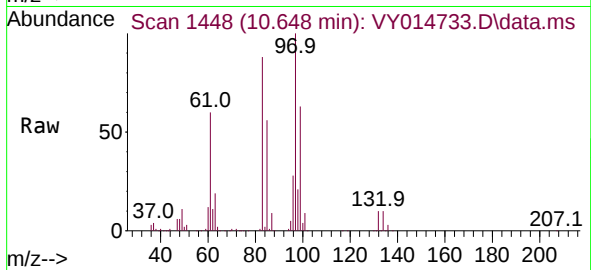
#55
1,1,2-Trichloroethane
Concen: 49.520 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 139024
Ion Ratio Lower Upper
97 100
83 87.9 72.0 108.0
85 55.6 45.4 68.0
99 62.9 50.3 75.5

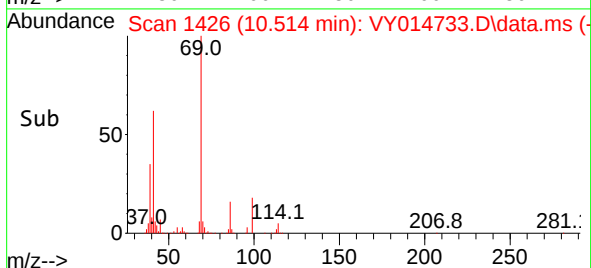
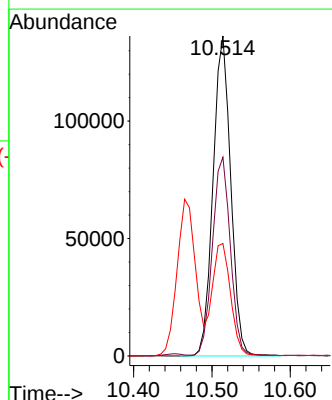
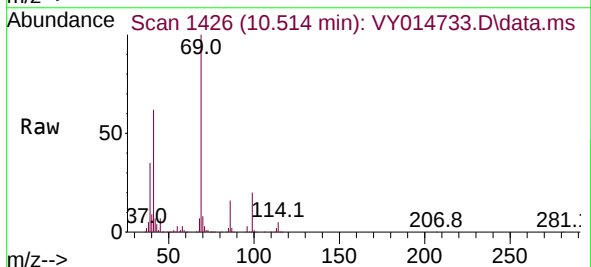
Manual Integrations
APPROVED

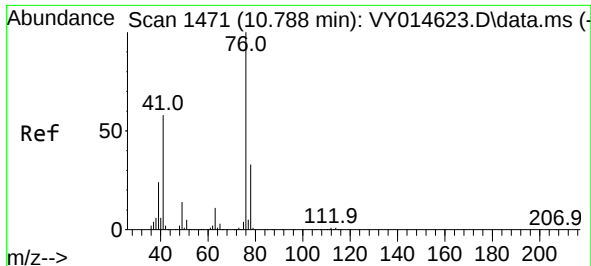
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#56
Ethyl methacrylate
Concen: 49.829 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

Tgt Ion: 69 Resp: 213590
Ion Ratio Lower Upper
69 100
41 62.8 57.6 86.4
39 36.6 34.1 51.1





#57

1,3-Dichloropropane

Concen: 48.565 ug/l

RT: 10.794 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VY014733.D

Acq: 21 Jul 2023 09:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 23516

Ion Ratio Lower Upper

76 100

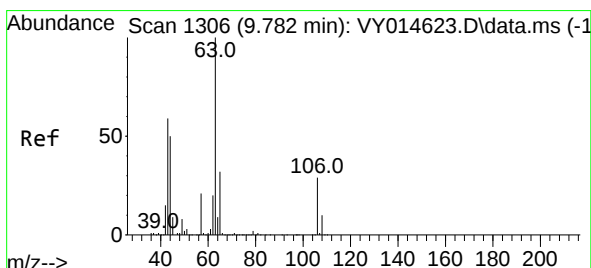
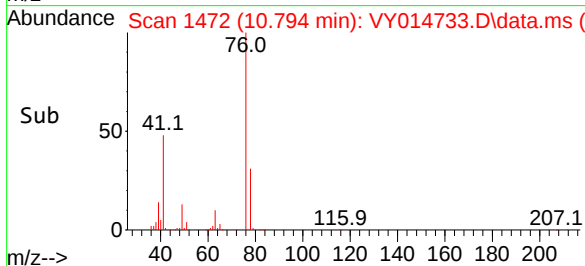
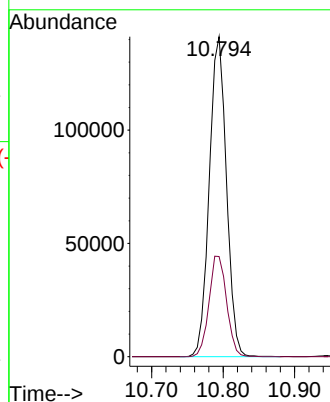
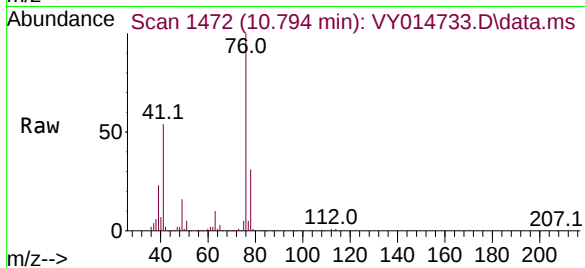
78 32.3 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#58

2-Chloroethyl Vinyl ether

Concen: 247.334 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY014733.D

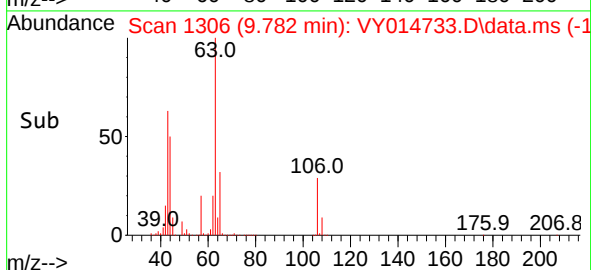
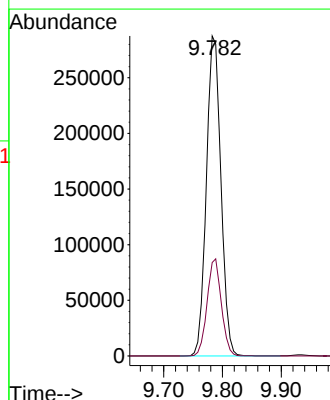
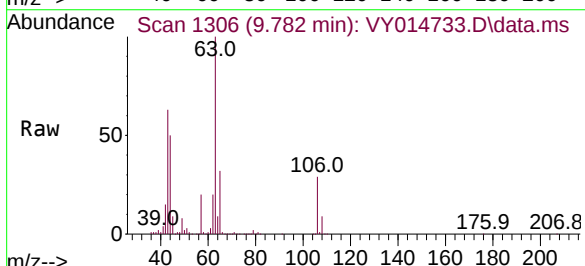
Acq: 21 Jul 2023 09:16

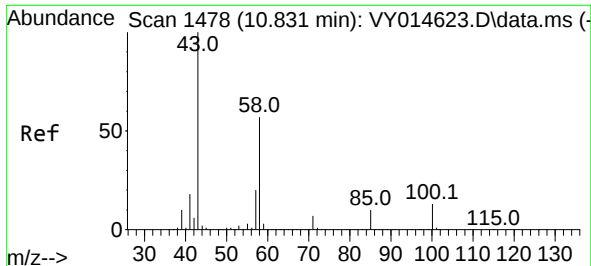
Tgt Ion: 63 Resp: 493991

Ion Ratio Lower Upper

63 100

106 29.7 21.2 31.8





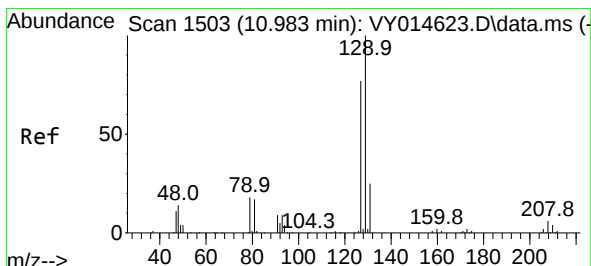
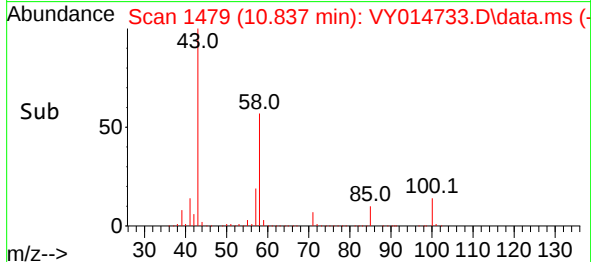
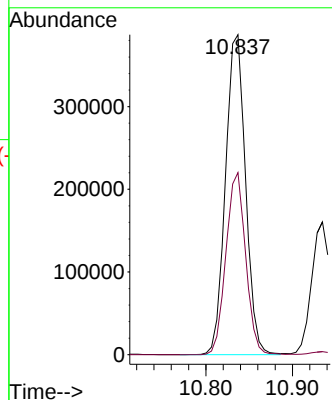
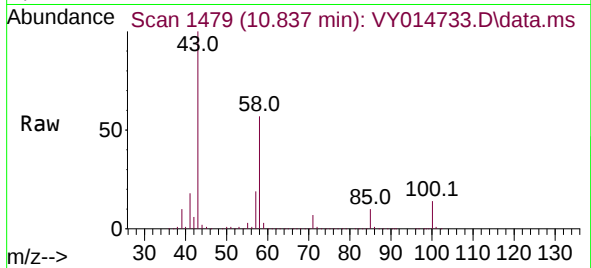
#59
2-Hexanone
Concen: 277.055 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 62239
Ion Ratio Lower Upper
43 100
58 56.0 25.1 75.3

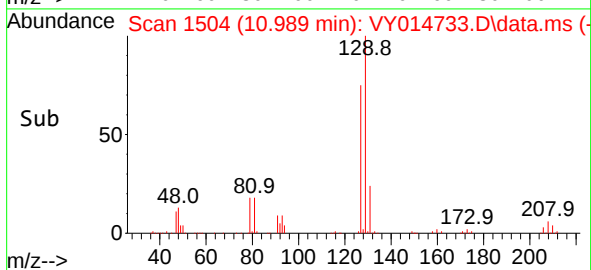
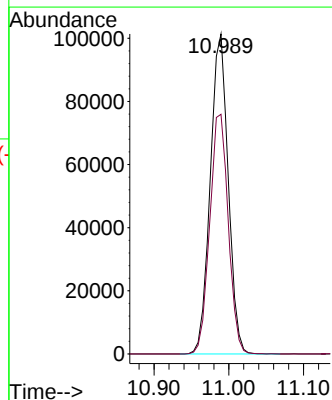
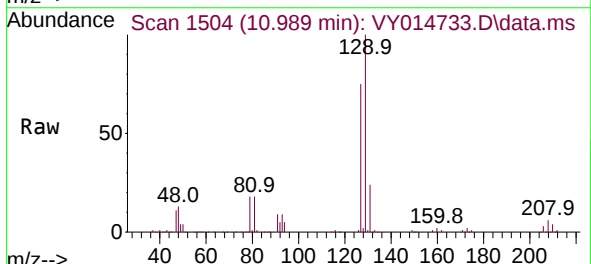
Manual Integrations
APPROVED

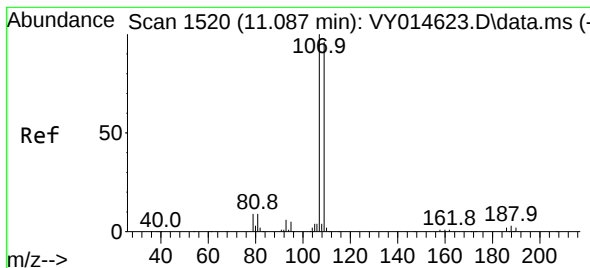
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#60
Dibromochloromethane
Concen: 49.104 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

Tgt Ion:129 Resp: 169020
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5





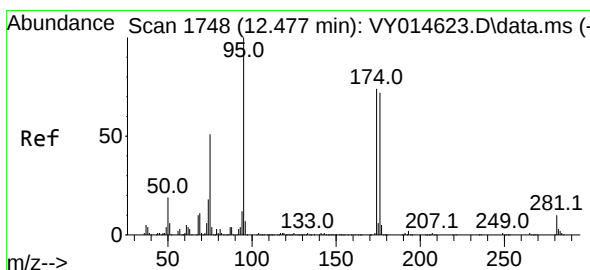
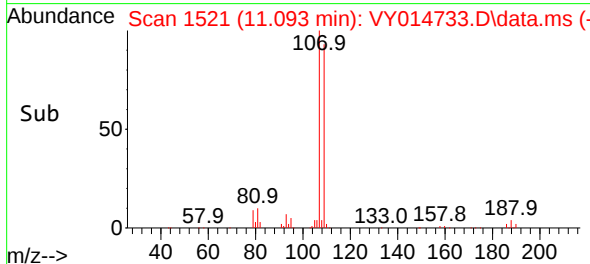
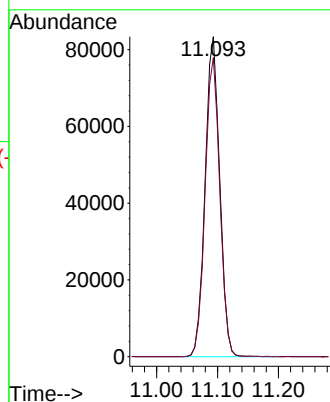
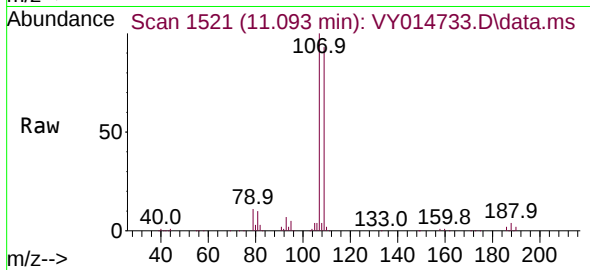
#61
1,2-Dibromoethane
Concen: 49.581 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 13886
Ion Ratio Lower Upper
107 100
109 94.0 75.6 113.4

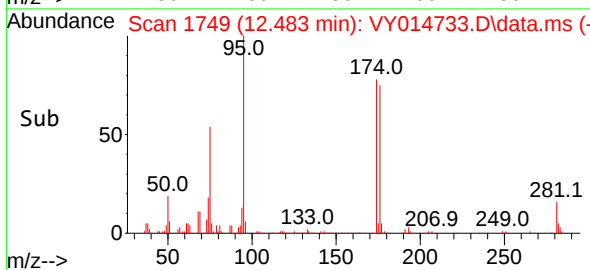
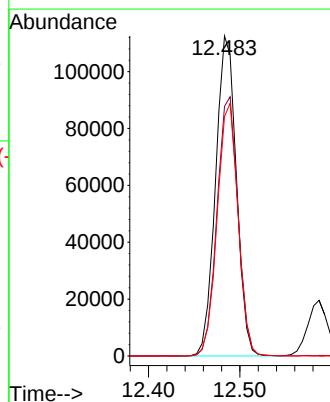
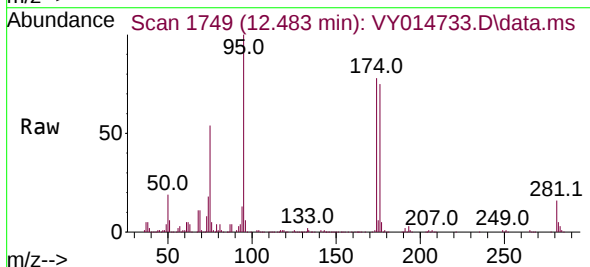
Manual Integrations
APPROVED

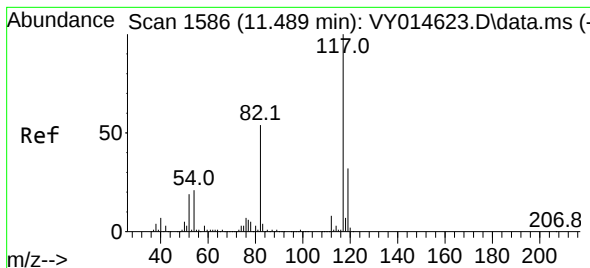
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#62
4-Bromofluorobenzene
Concen: 42.086 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

Tgt Ion: 95 Resp: 177971
Ion Ratio Lower Upper
95 100
174 81.7 0.0 178.2
176 79.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014733.D

Acq: 21 Jul 2023 09:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:117 Resp: 41968

Ion Ratio Lower Upper

117 100

82 53.1 43.4 65.0

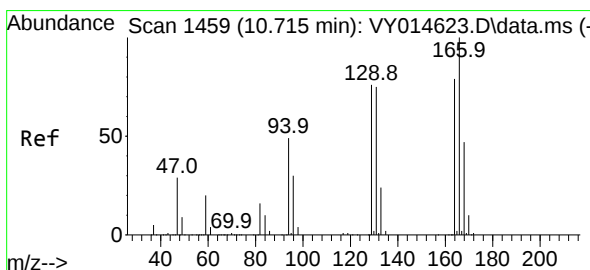
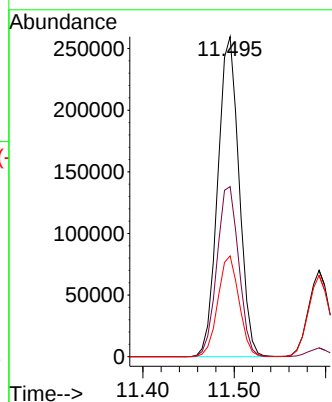
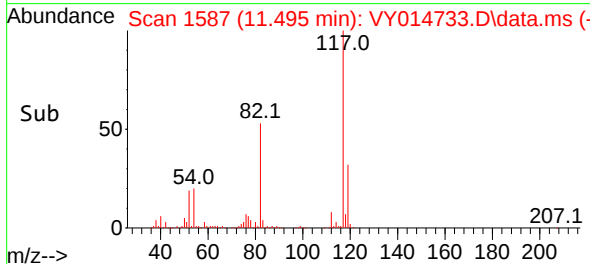
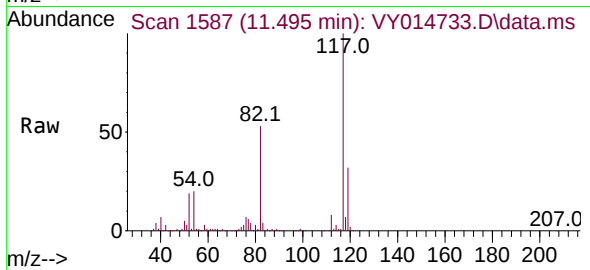
119 31.5 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#64

Tetrachloroethene

Concen: 47.002 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY014733.D

Acq: 21 Jul 2023 09:16

Tgt Ion:164 Resp: 158647

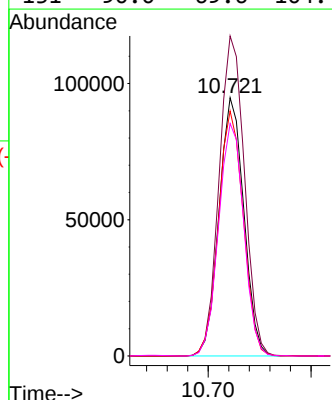
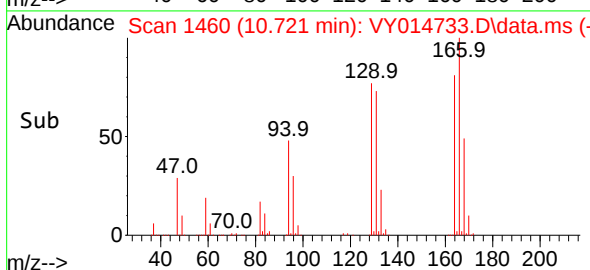
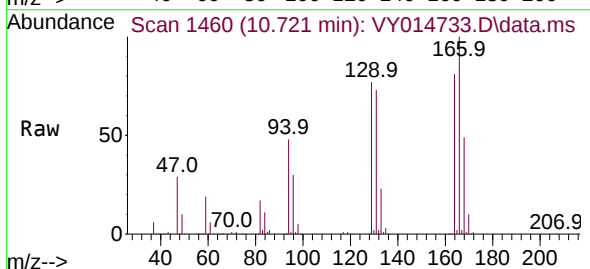
Ion Ratio Lower Upper

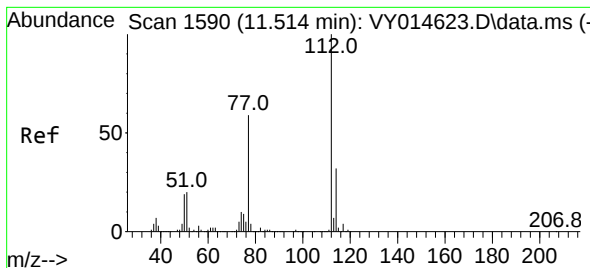
164 100

166 123.9 103.0 154.6

129 94.9 77.2 115.8

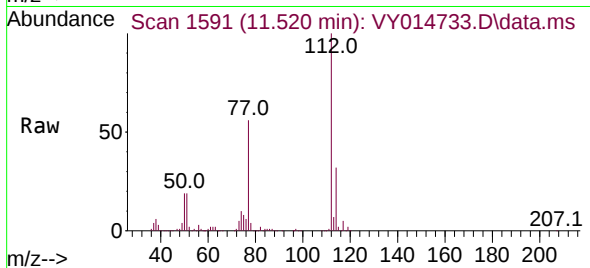
131 90.0 69.6 104.4





#65
Chlorobenzene
Concen: 46.025 ug/l
RT: 11.520 min Scan# 1151
Delta R.T. 0.006 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

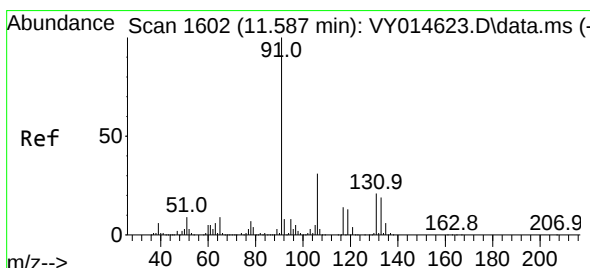
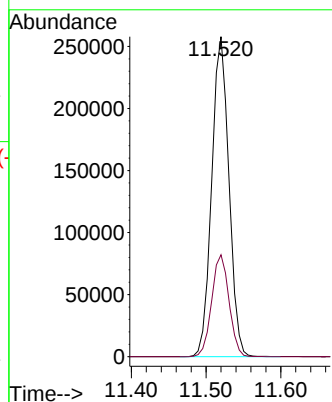
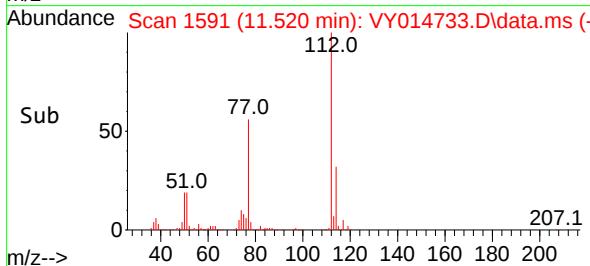
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



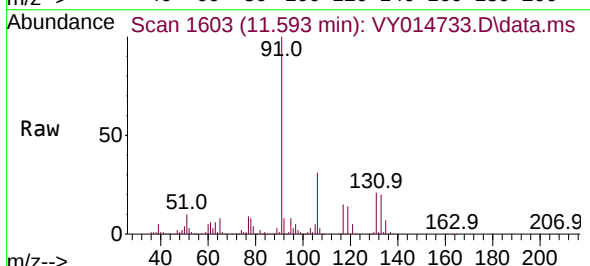
Tgt Ion:112 Resp: 411619
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3

Manual Integrations
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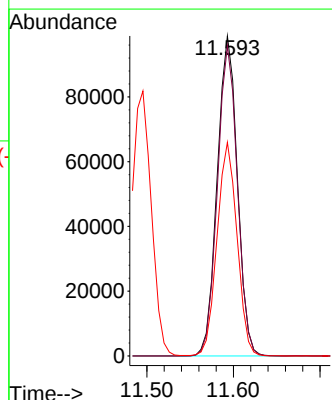
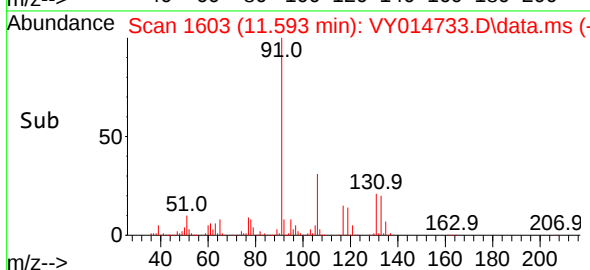
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

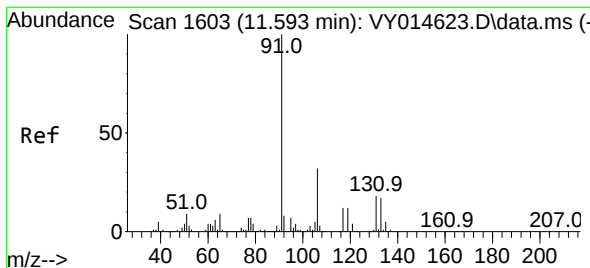


#66
1,1,1,2-Tetrachloroethane
Concen: 47.324 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16



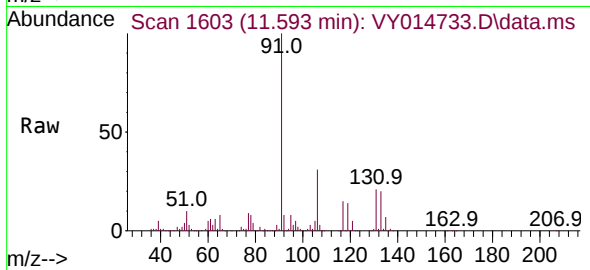
Tgt Ion:131 Resp: 159577
Ion Ratio Lower Upper
131 100
133 96.1 47.5 142.6
119 66.2 31.6 94.7





#67
Ethyl Benzene
Concen: 45.444 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

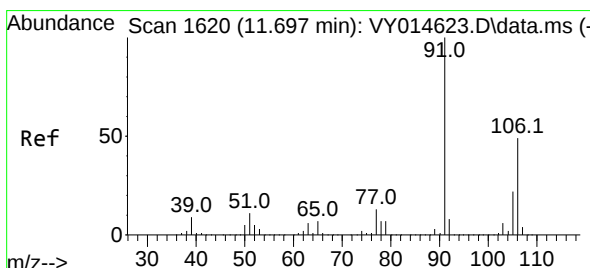
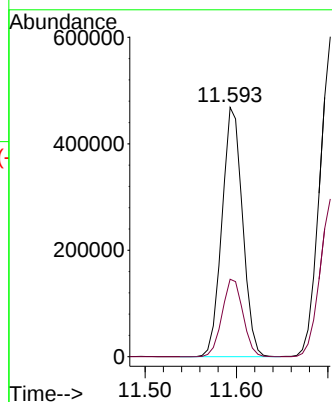
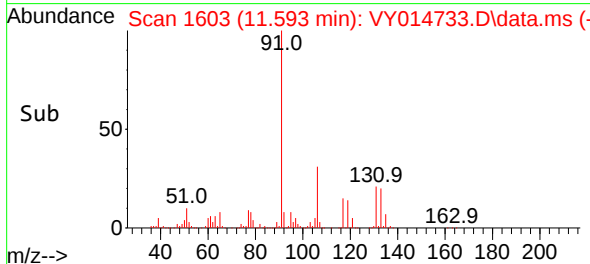
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



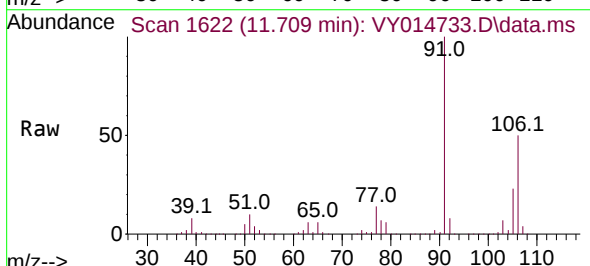
Tgt Ion: 91 Resp: 733794
Ion Ratio Lower Upper
91 100
106 31.1 24.6 36.8

Manual Integrations
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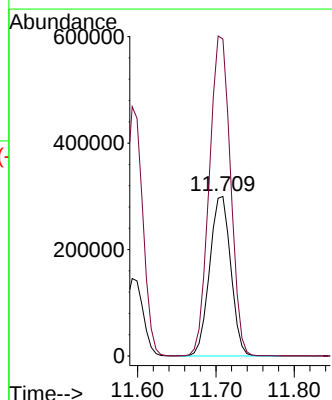
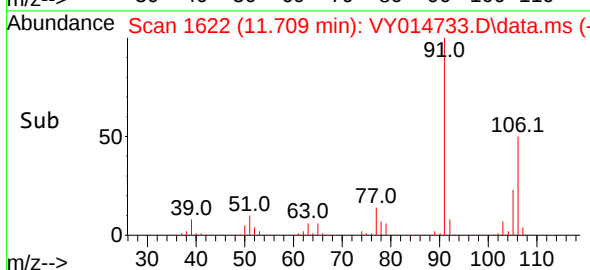
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

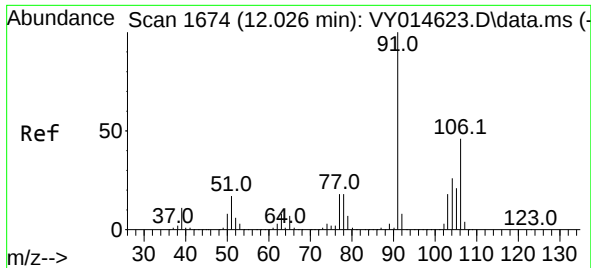


#68
m/p-Xylenes
Concen: 91.092 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.012 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16



Tgt Ion:106 Resp: 561472
Ion Ratio Lower Upper
106 100
91 201.6 166.1 249.1





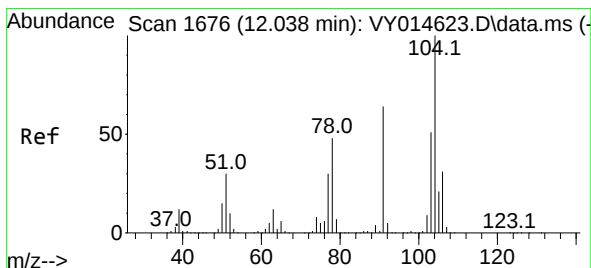
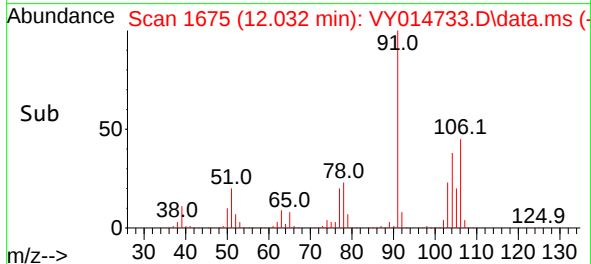
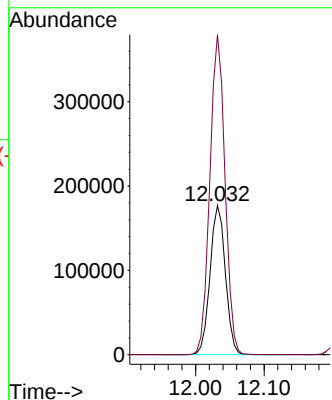
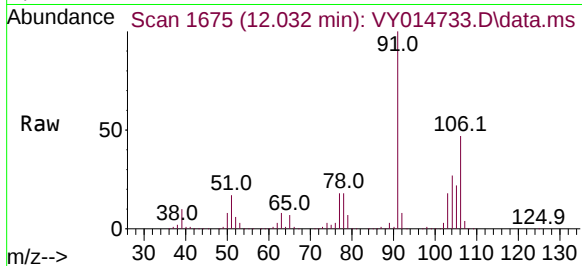
#69
o-Xylene
Concen: 45.771 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 27479
Ion Ratio Lower Upper
106 100
91 212.7 108.1 324.3

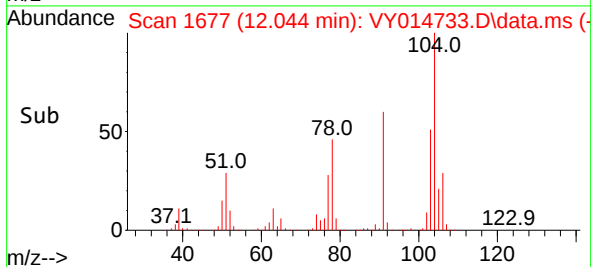
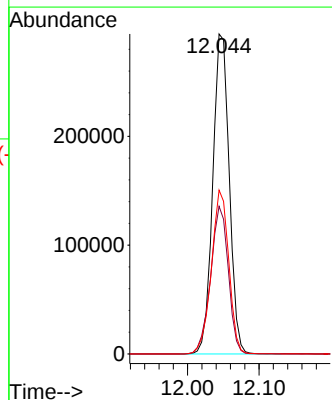
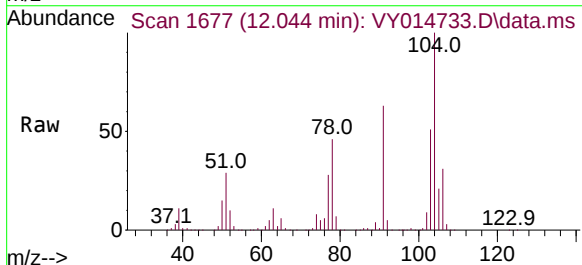
Manual Integrations
APPROVED

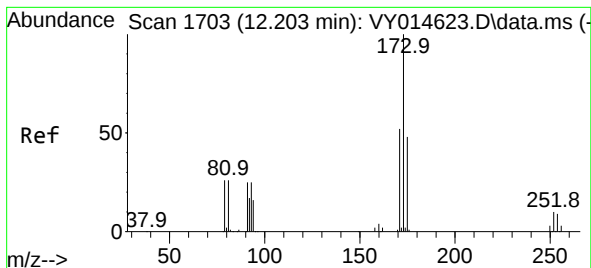
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#70
Styrene
Concen: 46.491 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

Tgt Ion:104 Resp: 470425
Ion Ratio Lower Upper
104 100
78 49.5 41.5 62.3
103 54.0 44.6 67.0





#71

Bromoform

Concen: 50.907 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014733.D

Acq: 21 Jul 2023 09:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 116350

Ion Ratio Lower Upper

173 100

175 48.7 24.6 73.8

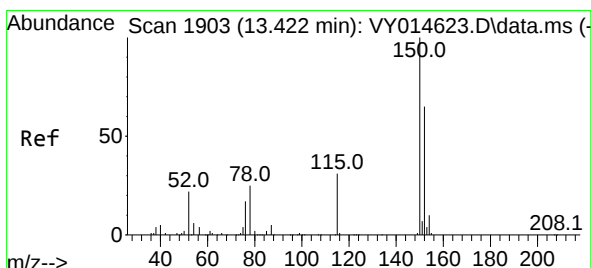
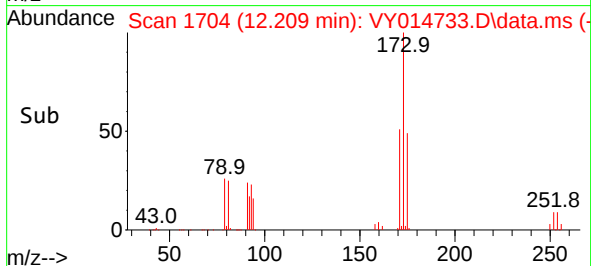
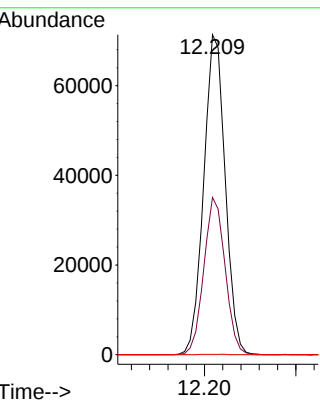
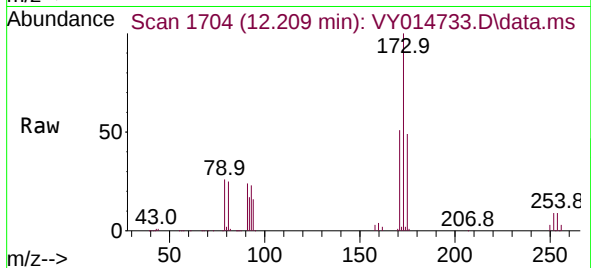
254 0.1 0.2 0.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY014733.D

Acq: 21 Jul 2023 09:16

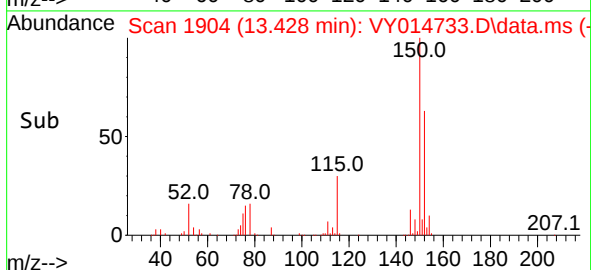
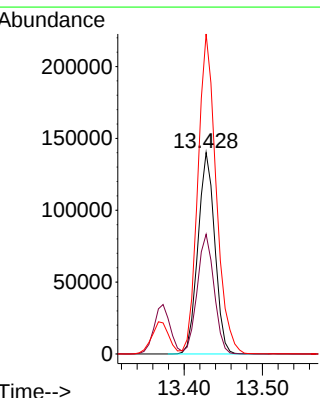
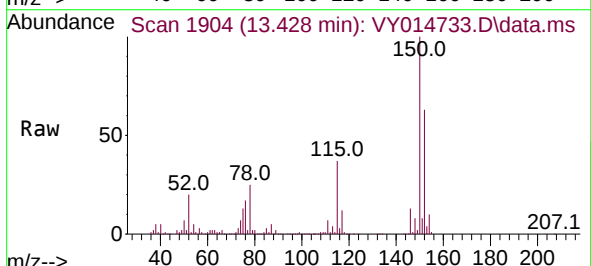
Tgt Ion:152 Resp: 208365

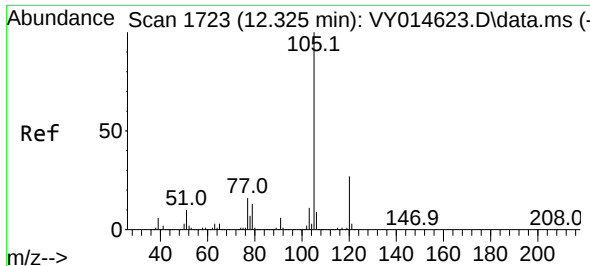
Ion Ratio Lower Upper

152 100

115 59.5 28.8 86.5

150 173.2 0.0 348.8





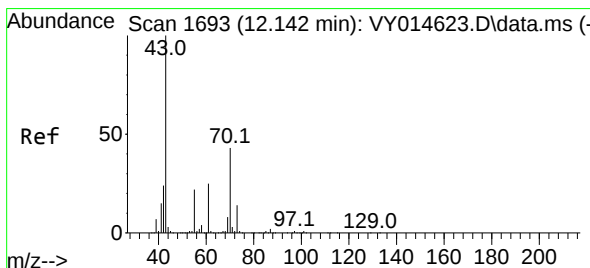
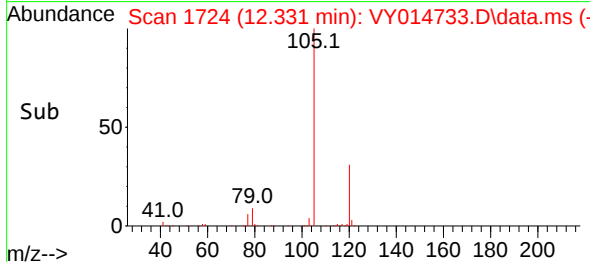
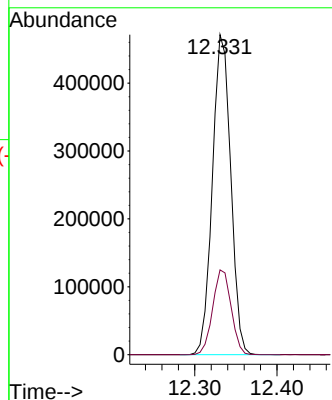
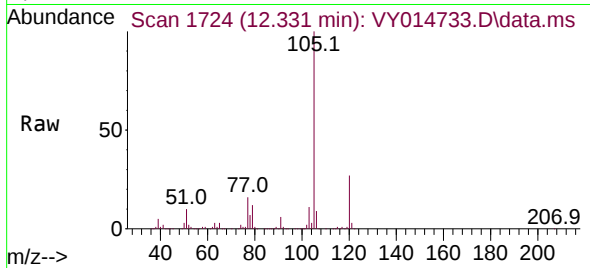
#73
Isopropylbenzene
Concen: 44.782 ug/l
RT: 12.331 min Scan# 1723
Delta R.T. 0.006 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 730623
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9

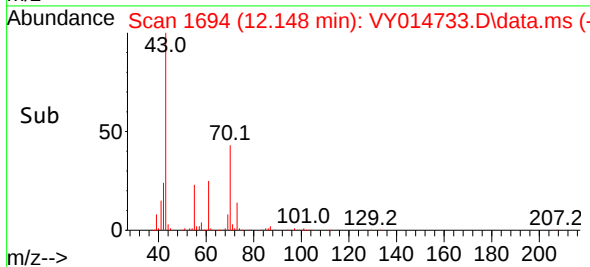
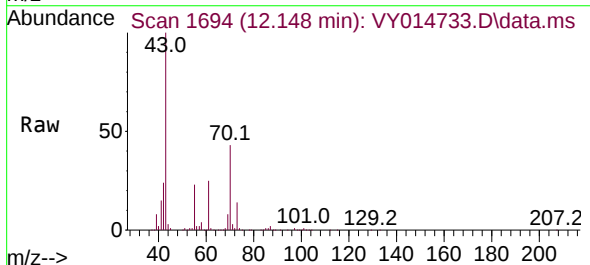
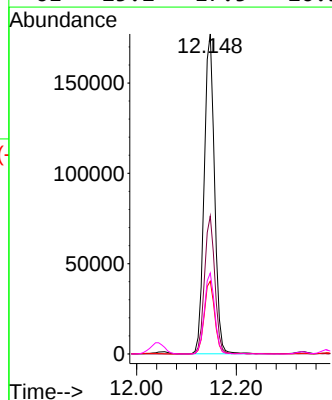
Manual Integrations
APPROVED

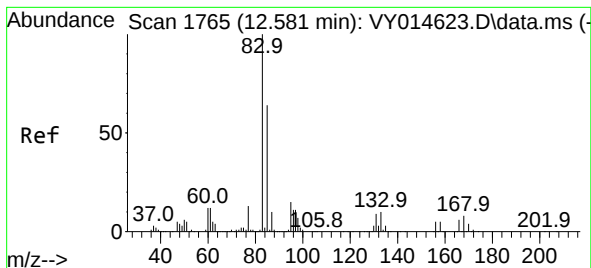
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#74
N-ethyl acetate
Concen: 46.658 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

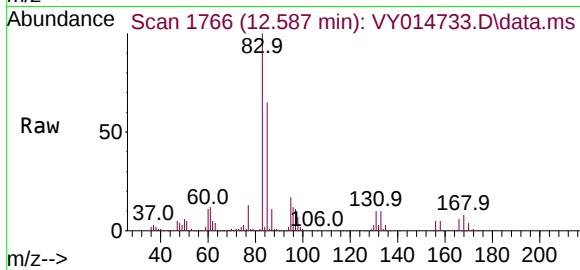
Tgt Ion: 43 Resp: 254947
Ion Ratio Lower Upper
43 100
70 43.2 29.7 44.5
55 22.9 18.3 27.5
61 25.2 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 48.601 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.006 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

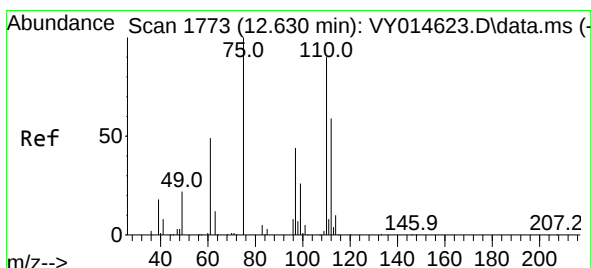
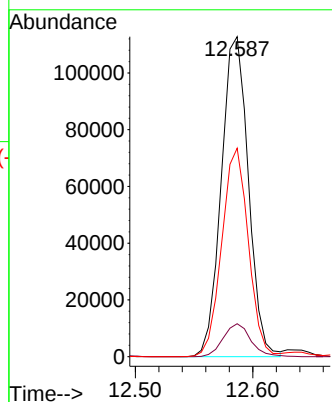
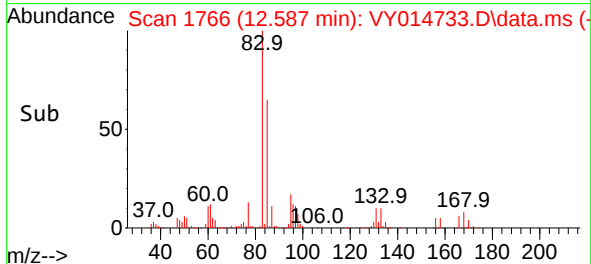
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 18082
Ion Ratio Lower Upper
83 100
131 10.5 5.4 16.2
85 63.9 31.8 95.4

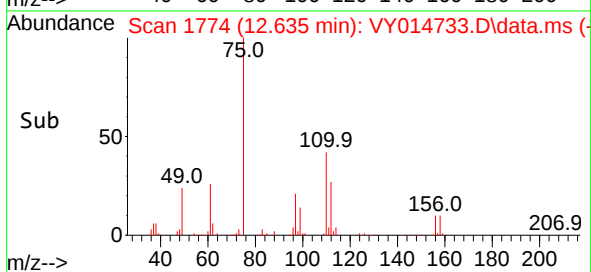
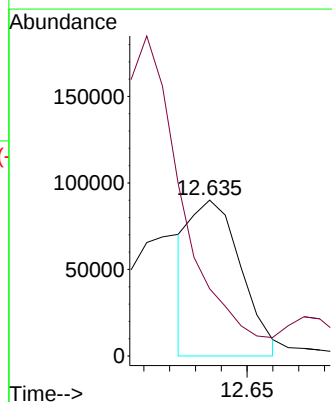
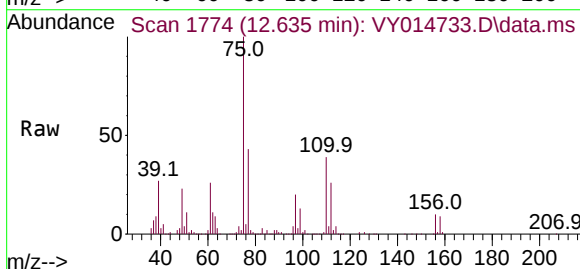
Manual Integrations
APPROVED

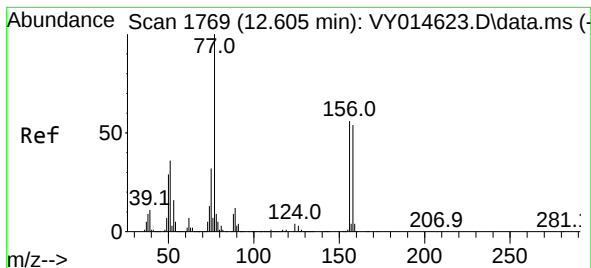
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#76
1,2,3-Trichloropropane
Concen: 46.869 ug/l m
RT: 12.635 min Scan# 1774
Delta R.T. 0.005 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

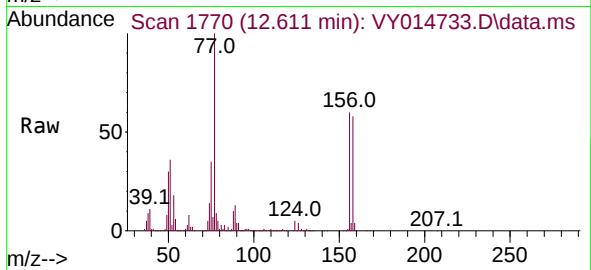
Tgt Ion: 75 Resp: 123339
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 46.310 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

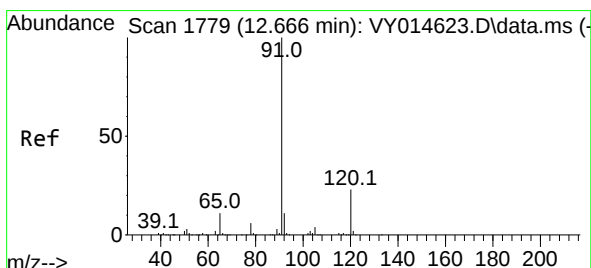
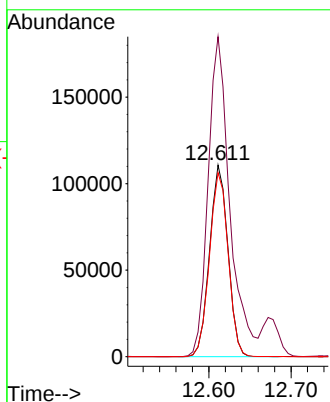
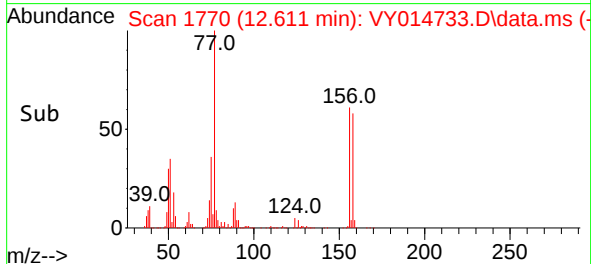
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 172468
Ion Ratio Lower Upper
156 100
77 196.5 92.8 278.6
158 97.4 48.4 145.3

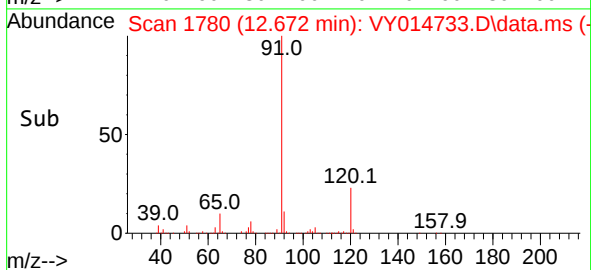
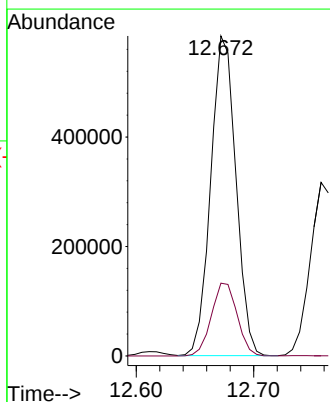
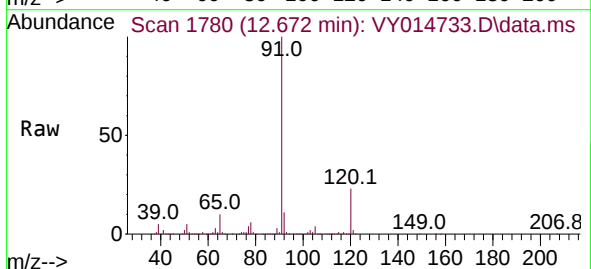
Manual Integrations
APPROVED

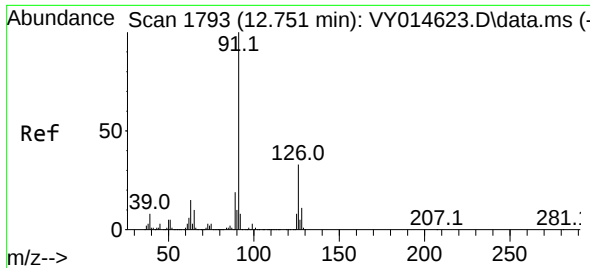
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#78
n-propylbenzene
Concen: 44.227 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

Tgt Ion: 91 Resp: 869494
Ion Ratio Lower Upper
91 100
120 23.3 11.5 34.4





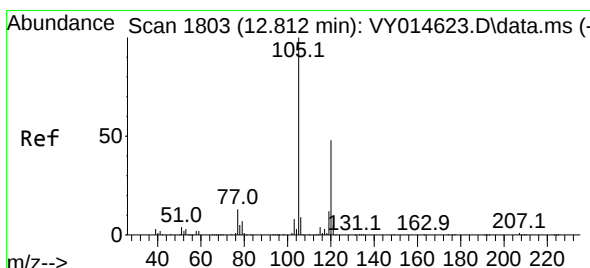
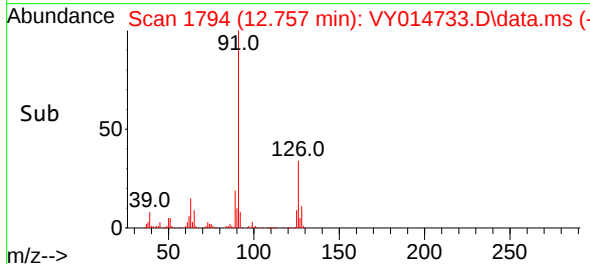
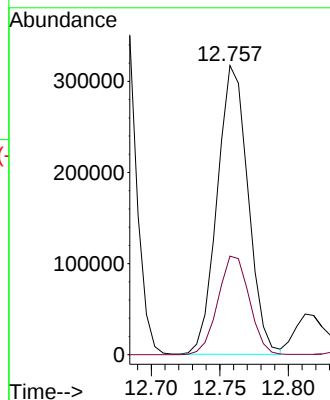
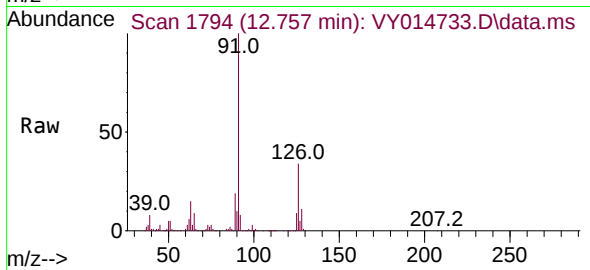
#79
2-Chlorotoluene
Concen: 43.907 ug/l
RT: 12.757 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 497193
Ion Ratio Lower Upper
91 100
126 34.7 17.3 51.7

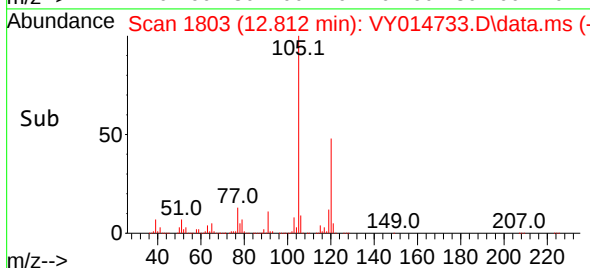
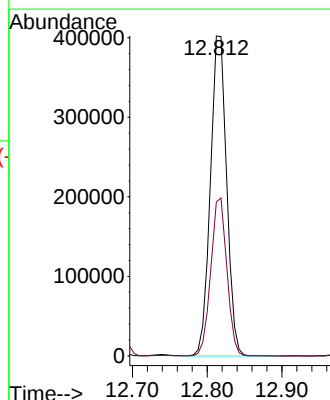
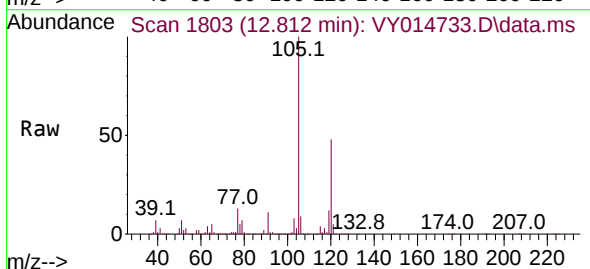
Manual Integrations
APPROVED

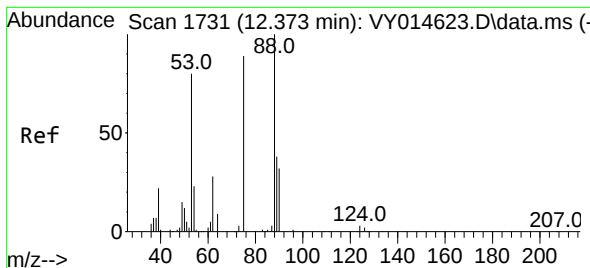
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#80
1,3,5-Trimethylbenzene
Concen: 44.678 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

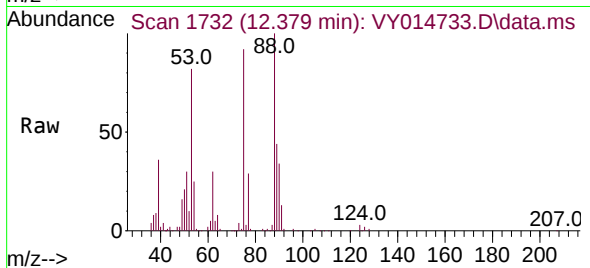
Tgt Ion:105 Resp: 608760
Ion Ratio Lower Upper
105 100
120 48.8 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 48.530 ug/l
RT: 12.379 min Scan# 1731
Delta R.T. 0.006 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

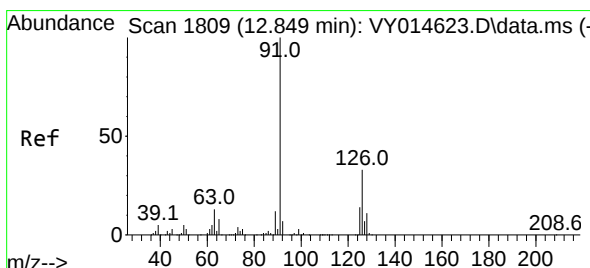
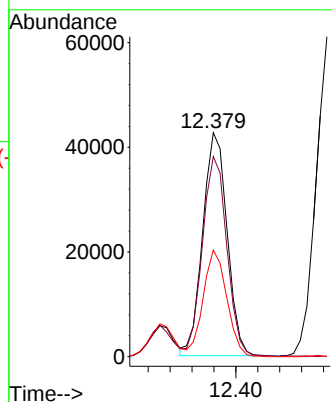
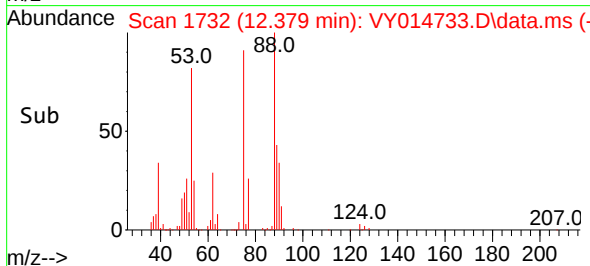
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 6596
Ion Ratio Lower Upper
75 100
53 90.0 77.8 116.8
89 46.1 37.4 56.0

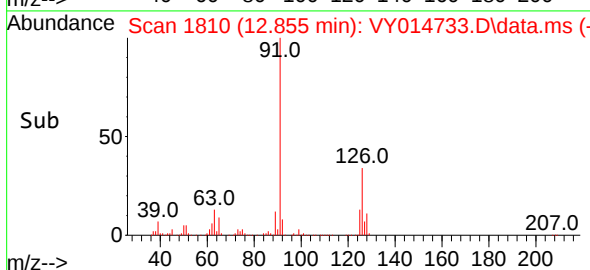
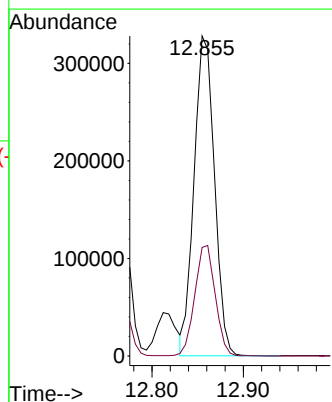
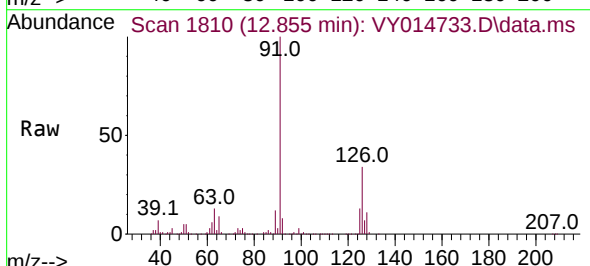
Manual Integrations
APPROVED

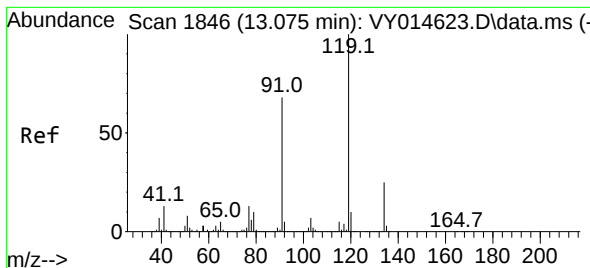
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#82
4-Chlorotoluene
Concen: 43.628 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

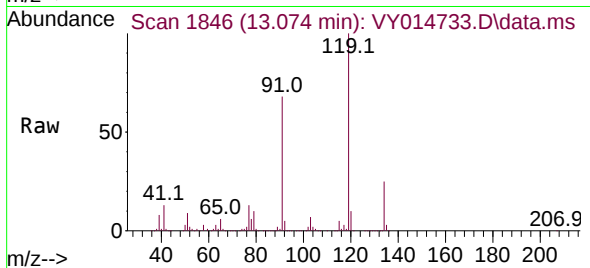
Tgt Ion: 91 Resp: 508806
Ion Ratio Lower Upper
91 100
126 34.8 17.2 51.6





#83
tert-Butylbenzene
Concen: 45.192 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.001 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

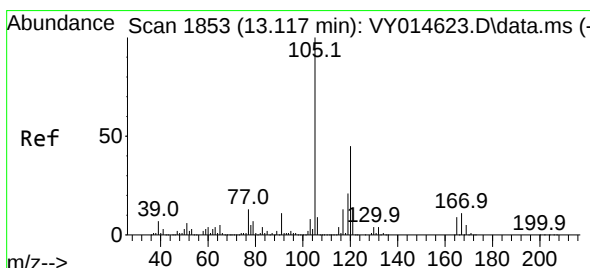
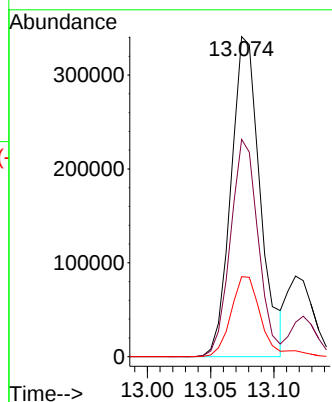
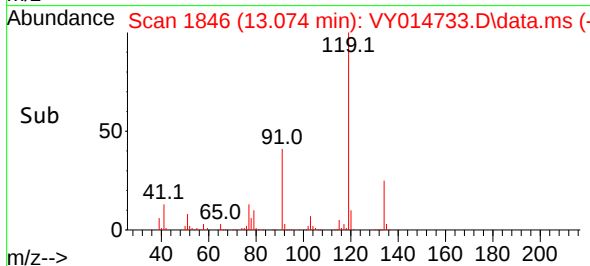
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



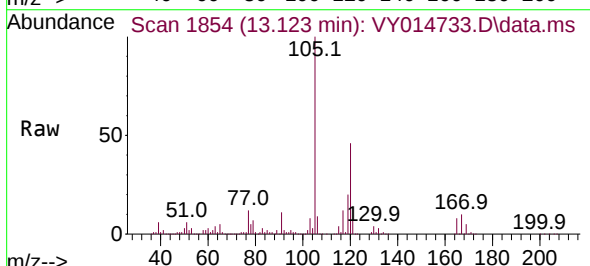
Tgt Ion:119 Resp: 546223
Ion Ratio Lower Upper
119 100
91 64.8 32.9 98.6
134 26.2 13.0 38.9

Manual Integrations
APPROVED

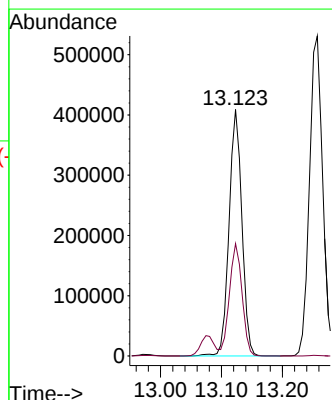
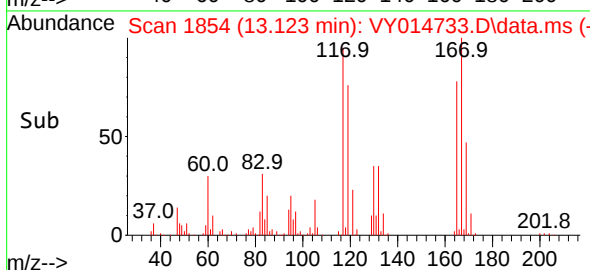
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

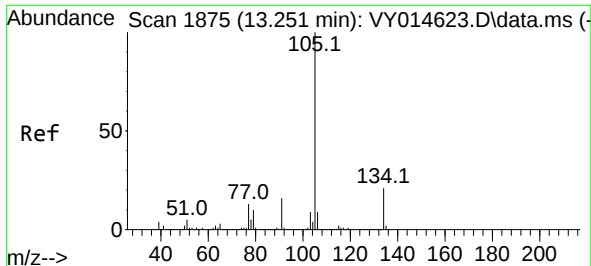


#84
1,2,4-Trimethylbenzene
Concen: 44.614 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16



Tgt Ion:105 Resp: 596570
Ion Ratio Lower Upper
105 100
120 44.6 22.2 66.6





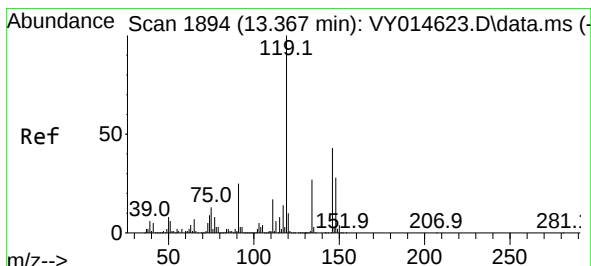
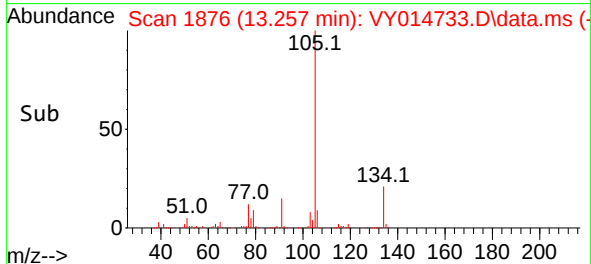
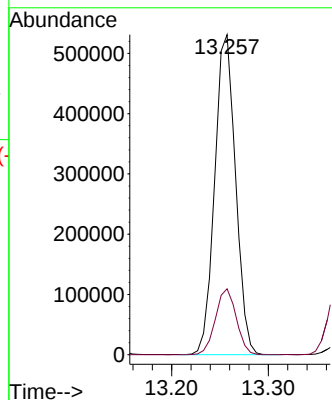
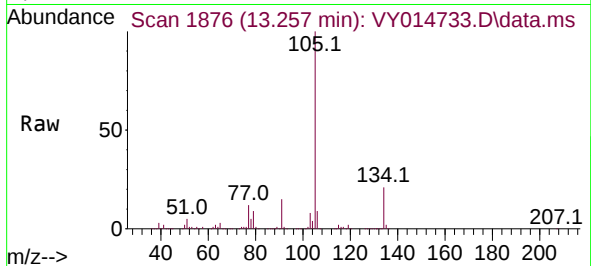
#85
 sec-Butylbenzene
 Concen: 44.864 ug/l
 RT: 13.257 min Scan# 1875
 Delta R.T. 0.006 min
 Lab File: VY014733.D
 Acq: 21 Jul 2023 09:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 795463
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.6

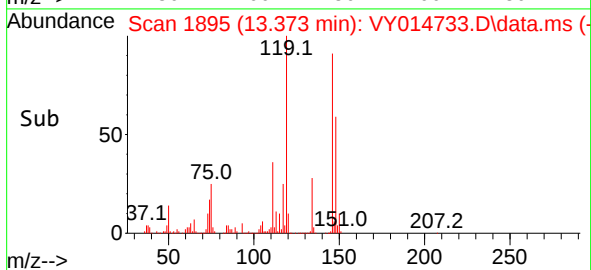
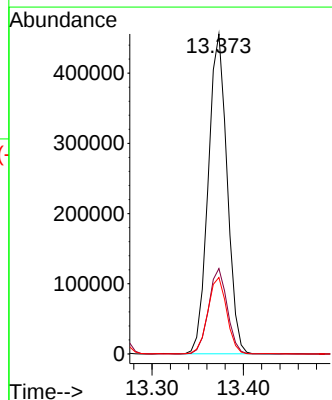
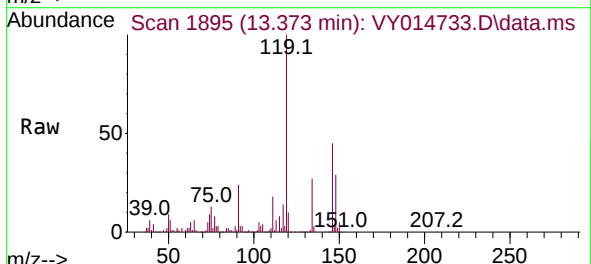
Manual Integrations
 APPROVED

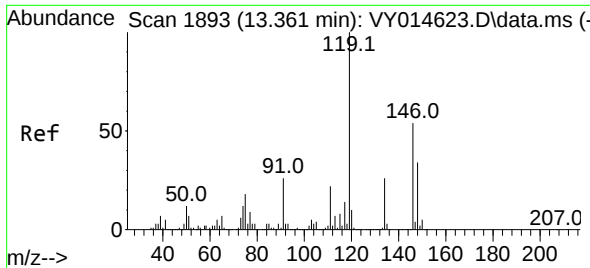
Reviewed By :John Carlone 07/24/2023
 Supervised By :Mahesh Dadoda 07/24/2023



#86
 p-Isopropyltoluene
 Concen: 45.202 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY014733.D
 Acq: 21 Jul 2023 09:16

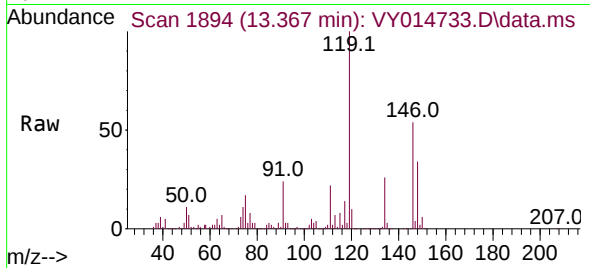
Tgt Ion:119 Resp: 654351
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.8
 91 23.9 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 46.548 ug/l
RT: 13.367 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

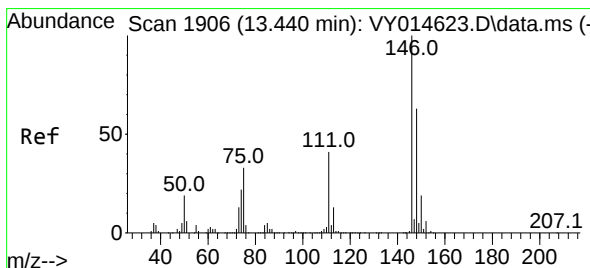
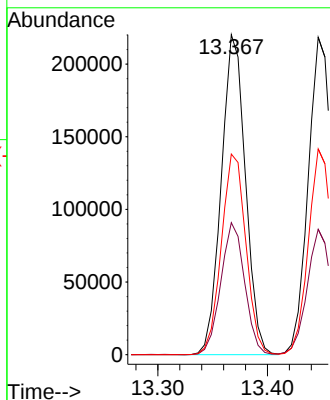
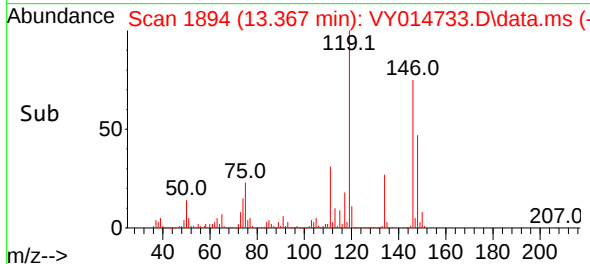
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



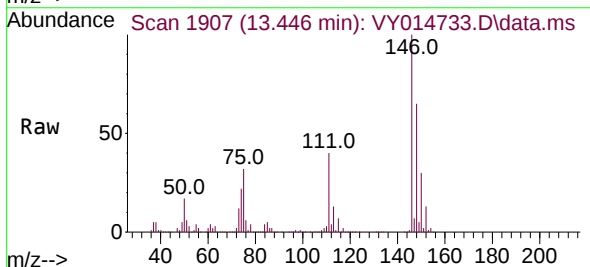
Tgt Ion:146 Resp: 337392
Ion Ratio Lower Upper
146 100
111 40.7 19.4 58.2
148 63.7 31.9 95.5

Manual Integrations
APPROVED

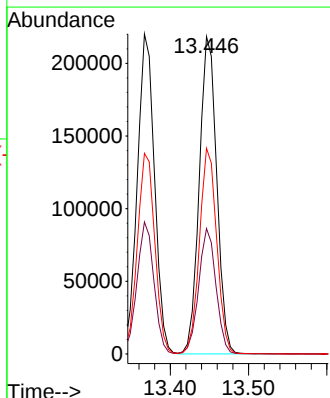
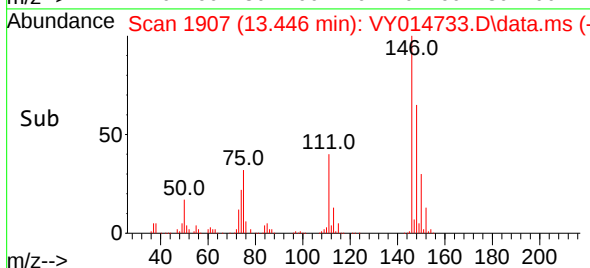
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

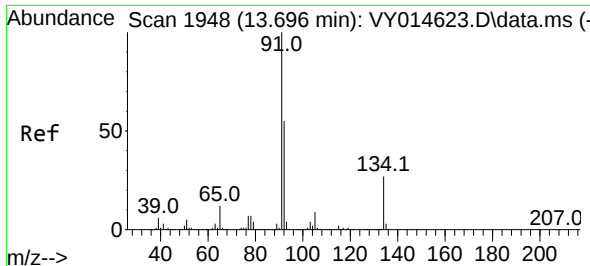


#88
1,4-Dichlorobenzene
Concen: 46.494 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16



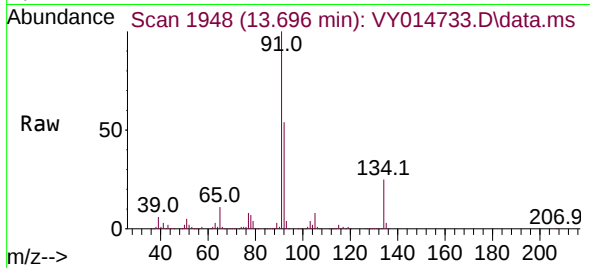
Tgt Ion:146 Resp: 337697
Ion Ratio Lower Upper
146 100
111 39.0 18.9 56.7
148 64.2 32.1 96.5





#89
n-Butylbenzene
Concen: 44.382 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

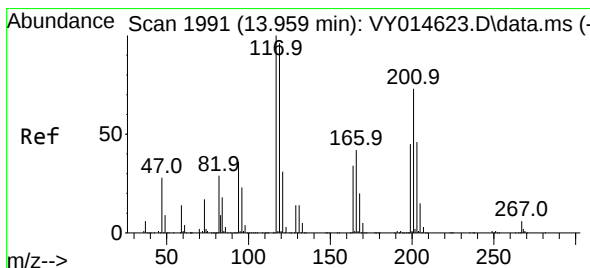
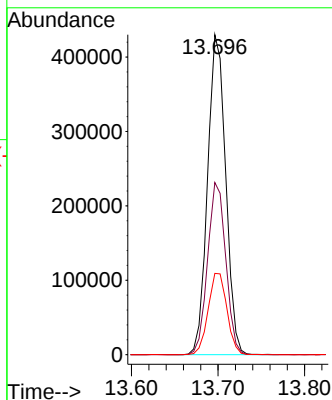
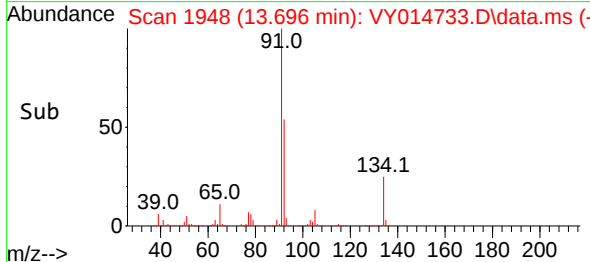
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 625078
Ion Ratio Lower Upper
91 100
92 54.0 25.4 76.0
134 26.4 12.6 37.6

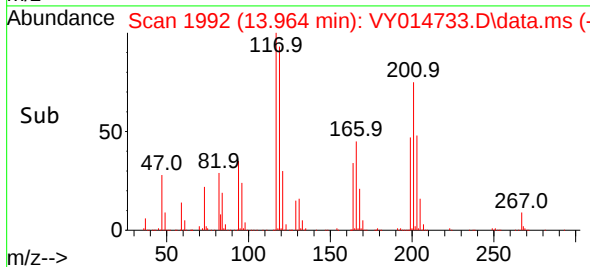
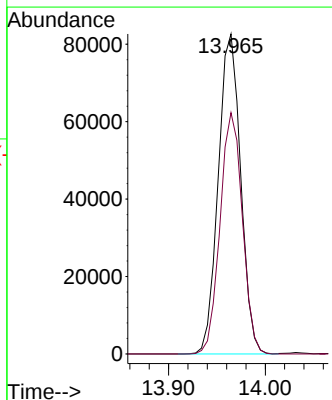
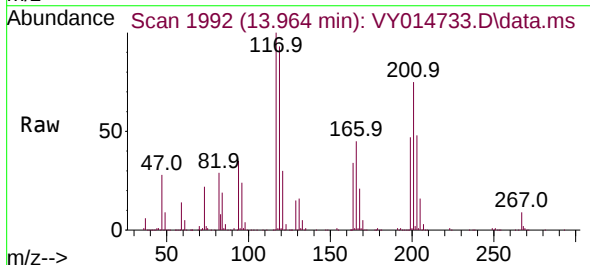
Manual Integrations
APPROVED

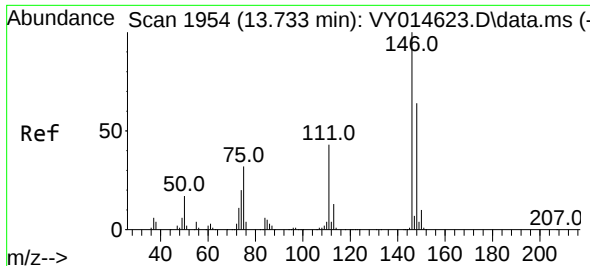
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#90
Hexachloroethane
Concen: 44.636 ug/l
RT: 13.964 min Scan# 1992
Delta R.T. 0.005 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

Tgt Ion:117 Resp: 132723
Ion Ratio Lower Upper
117 100
201 75.0 41.6 124.8





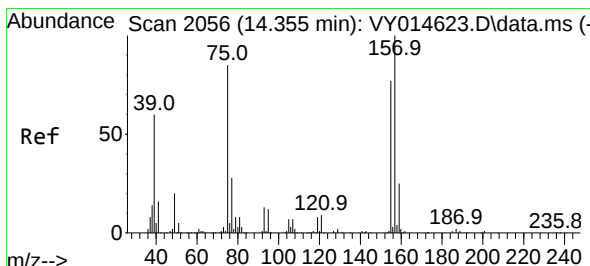
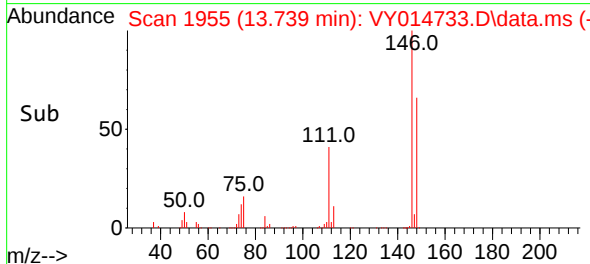
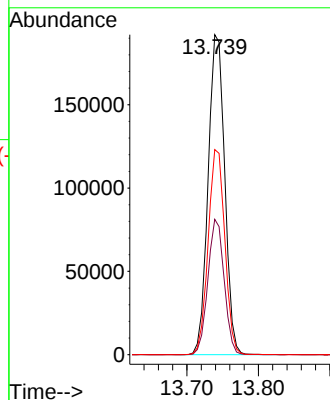
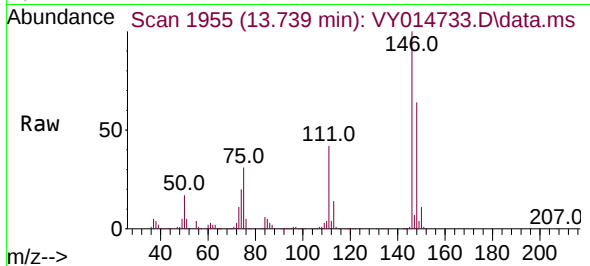
#91
1,2-Dichlorobenzene
Concen: 46.634 ug/l
RT: 13.739 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 30968
Ion Ratio Lower Upper
146 100
111 41.5 19.7 59.0
148 64.5 32.0 96.2

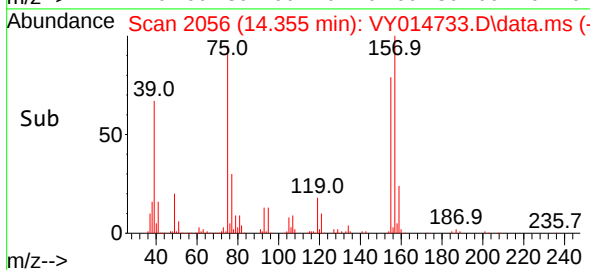
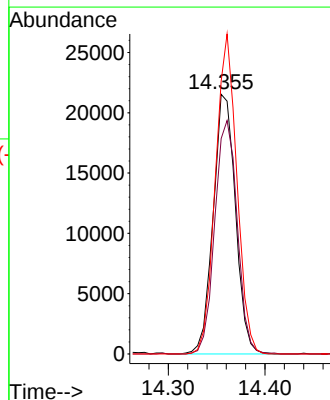
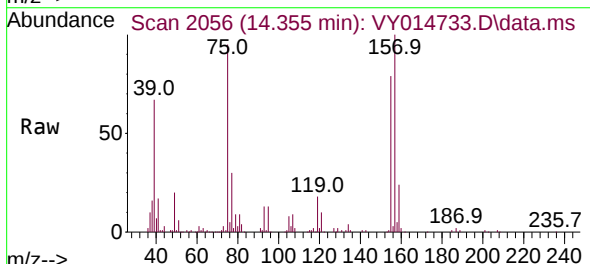
Manual Integrations
APPROVED

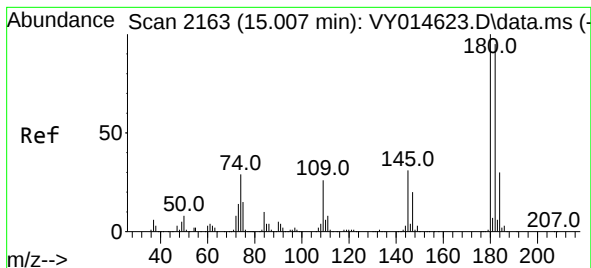
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.449 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

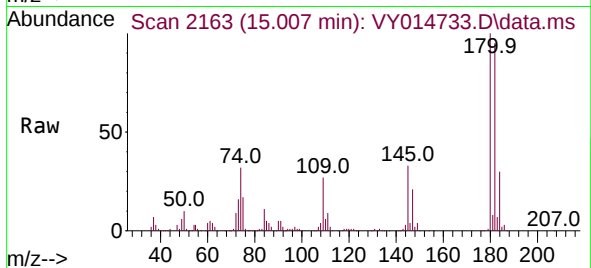
Tgt Ion: 75 Resp: 34472
Ion Ratio Lower Upper
75 100
155 90.4 41.5 124.6
157 117.7 51.8 155.5





#93
1,2,4-Trichlorobenzene
Concen: 46.899 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16

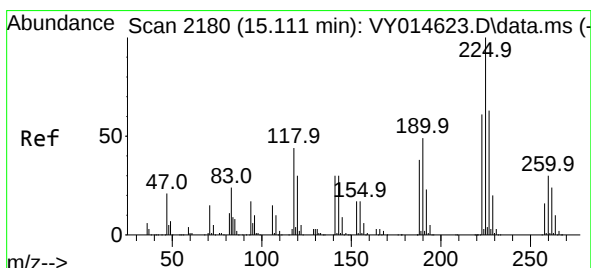
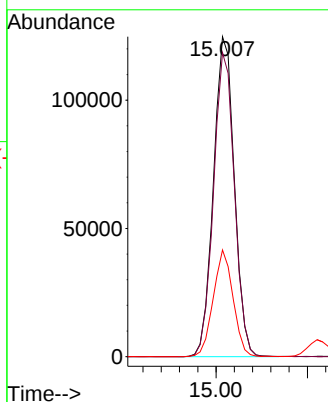
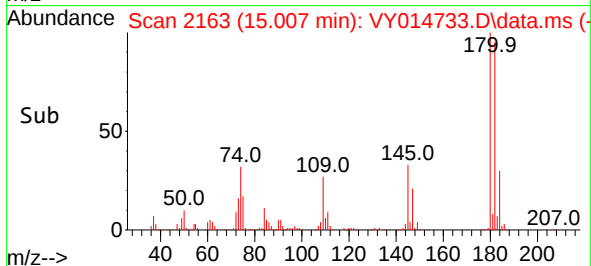
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



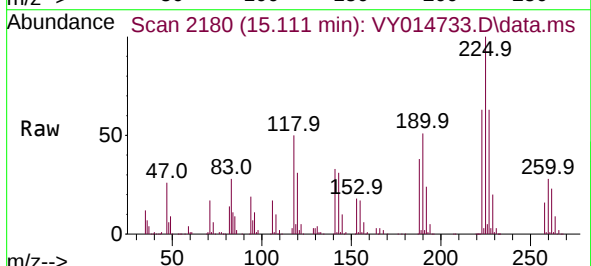
Tgt Ion:180 Resp: 19770
Ion Ratio Lower Upper
180 100
182 95.1 47.0 141.2
145 31.8 14.5 43.5

Manual Integrations
APPROVED

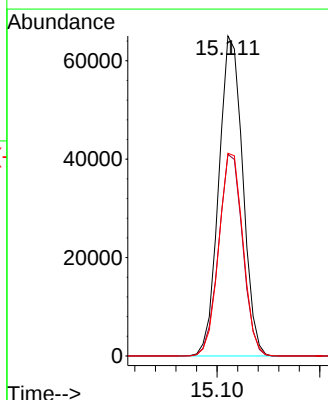
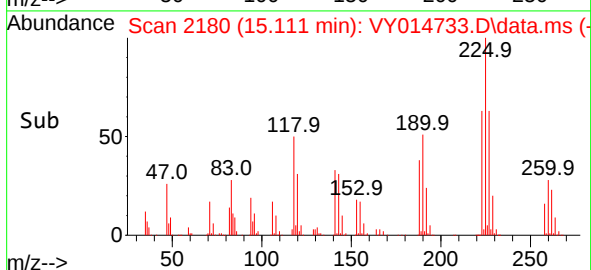
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

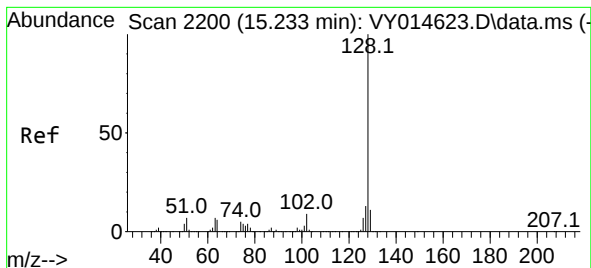


#94
Hexachlorobutadiene
Concen: 45.333 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY014733.D
Acq: 21 Jul 2023 09:16



Tgt Ion:225 Resp: 105017
Ion Ratio Lower Upper
225 100
223 63.3 31.9 95.9
227 63.8 33.0 98.9





#95

Naphthalene

Concen: 49.732 ug/l

RT: 15.239 min Scan# 2200

Delta R.T. 0.006 min

Lab File: VY014733.D

Acq: 21 Jul 2023 09:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

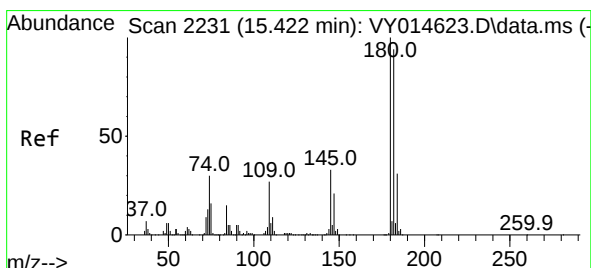
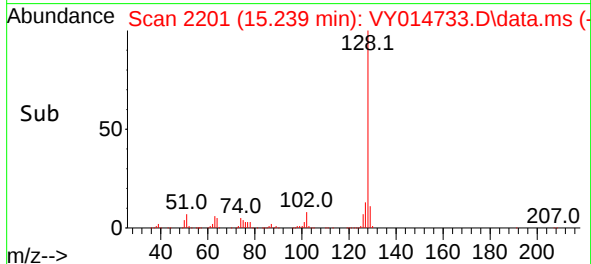
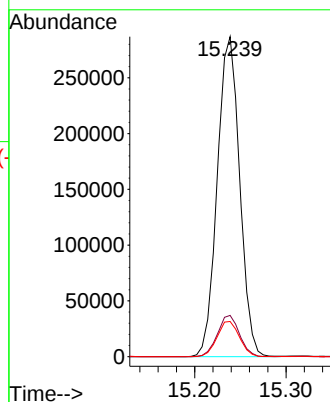
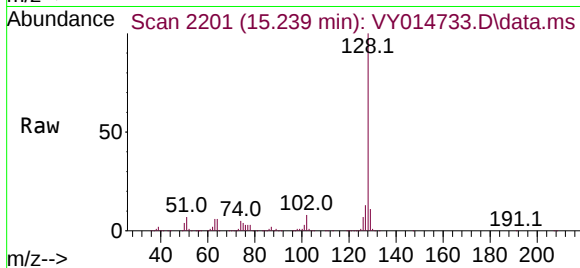
Tgt Ion:128 Resp: 48842
 Ion Ratio Lower Upper
 128 100
 127 12.8 10.8 16.2
 129 11.1 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#96

1,2,3-Trichlorobenzene

Concen: 47.196 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY014733.D

Acq: 21 Jul 2023 09:16

Tgt Ion:180 Resp: 176821
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.3 141.8
 145 33.5 15.4 46.2

