

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072723\
 Data File : VY014869.D
 Acq On : 27 Jul 2023 09:24
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/28/2023
 Supervised By : Mahesh Dadoda 07/28/2023

Quant Time: Jul 28 02:35:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	205645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	348074	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	315475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	156943	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	107754	45.982	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.960%		
35) Dibromofluoromethane	7.710	113	100448	45.334	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.660%		
50) Toluene-d8	10.179	98	356915	43.691	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	87.380%		
62) 4-Bromofluorobenzene	12.477	95	132622	42.340	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	84.680%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	66216	39.522	ug/l	97
3) Chloromethane	2.107	50	107112	56.874	ug/l	98
4) Vinyl Chloride	2.247	62	121222	57.593	ug/l	98
5) Bromomethane	2.637	94	90153	64.813	ug/l	97
6) Chloroethane	2.784	64	82312	62.606	ug/l	94
7) Trichlorofluoromethane	3.113	101	173021	48.945	ug/l	100
8) Diethyl Ether	3.521	74	67778	51.531	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.887	101	102008	47.079	ug/l	95
10) Methyl Iodide	4.082	142	110920	48.372	ug/l	97
11) Tert butyl alcohol	4.960	59	98124	197.193	ug/l #	84
12) 1,1-Dichloroethene	3.863	96	96146	47.478	ug/l	95
13) Acrolein	3.723	56	41739	170.411	ug/l	99
14) Allyl chloride	4.466	41	164891	45.859	ug/l	97
15) Acrylonitrile	5.155	53	196339	270.702	ug/l	98
16) Acetone	3.942	43	178497	240.369	ug/l	95
17) Carbon Disulfide	4.186	76	244586	42.186	ug/l	98
18) Methyl Acetate	4.472	43	165281	57.999	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	353465	53.733	ug/l	99
20) Methylene Chloride	4.704	84	129609	54.070	ug/l	92
21) trans-1,2-Dichloroethene	5.210	96	111863	48.675	ug/l	99
22) Diisopropyl ether	6.112	45	369411	50.533	ug/l	93
23) Vinyl Acetate	6.051	43	1084539	247.913	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	213204	50.971	ug/l	98
25) 2-Butanone	6.978	43	280835	258.498	ug/l	96
26) 2,2-Dichloropropane	6.978	77	196755	49.356	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	140144	52.390	ug/l	95
28) Bromochloromethane	7.326	49	84878	47.116	ug/l	93
29) Tetrahydrofuran	7.344	42	175367	262.147	ug/l	92
30) Chloroform	7.502	83	227569	52.760	ug/l	97
31) Cyclohexane	7.783	56	156919	40.338	ug/l	91
32) 1,1,1-Trichloroethane	7.697	97	195859	50.452	ug/l	98
36) 1,1-Dichloropropene	7.911	75	156163	47.128	ug/l	99
37) Ethyl Acetate	7.070	43	114570	50.219	ug/l #	96
38) Carbon Tetrachloride	7.893	117	171903	49.077	ug/l	96
39) Methylcyclohexane	9.179	83	184346	42.703	ug/l	92
40) Benzene	8.155	78	472971	50.188	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	67110m	57.190	ug/l	
42) 1,2-Dichloroethane	8.234	62	155742	52.187	ug/l	96
43) Isopropyl Acetate	8.271	43	216052	49.714	ug/l	97
44) Trichloroethene	8.935	130	130915	49.650	ug/l	97
45) 1,2-Dichloropropane	9.209	63	123538	50.202	ug/l	98
46) Dibromomethane	9.301	93	78280	52.436	ug/l	96
47) Bromodichloromethane	9.496	83	183543	52.165	ug/l	99
48) Methyl methacrylate	9.289	41	97660	49.941	ug/l	93
49) 1,4-Dioxane	9.295	88	26653	1094.919	ug/l #	68
51) 4-Methyl-2-Pentanone	10.069	43	604980	265.136	ug/l	94
52) Toluene	10.240	92	301088	49.928	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	194066	50.424	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	208276	49.763	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	108805	52.322	ug/l	96
56) Ethyl methacrylate	10.508	69	162949	51.322	ug/l	90
57) 1,3-Dichloropropane	10.788	76	185536	51.728	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	360580	243.734	ug/l	94
59) 2-Hexanone	10.831	43	432377	259.843	ug/l	92
60) Dibromochloromethane	10.983	129	135674	53.213	ug/l	100
61) 1,2-Dibromoethane	11.087	107	107704	51.918	ug/l	99
64) Tetrachloroethene	10.715	164	128499	50.645	ug/l	97
65) Chlorobenzene	11.514	112	334926	49.820	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	131841	52.014	ug/l	98
67) Ethyl Benzene	11.587	91	589909	48.601	ug/l	99
68) m/p-Xylenes	11.703	106	451602	97.468	ug/l	96
69) o-Xylene	12.026	106	224002	49.636	ug/l	96
70) Styrene	12.038	104	382511	50.290	ug/l	97
71) Bromoform	12.203	173	88437	51.473	ug/l #	100
73) Isopropylbenzene	12.325	105	582856	47.430	ug/l	100
74) N-amyl acetate	12.142	43	190041	46.174	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	138513	49.427	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	97269m	49.073	ug/l	
77) Bromobenzene	12.605	156	140345	50.032	ug/l	99
78) n-propylbenzene	12.666	91	688867	46.520	ug/l	99
79) 2-Chlorotoluene	12.751	91	400987	47.014	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	484837	47.242	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	47467	46.366	ug/l	96
82) 4-Chlorotoluene	12.849	91	414590	47.197	ug/l	100
83) tert-Butylbenzene	13.075	119	432951	47.557	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	485059	48.160	ug/l	99
85) sec-Butylbenzene	13.251	105	630696	47.226	ug/l	100
86) p-Isopropyltoluene	13.367	119	521010	47.783	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	274191	50.223	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	272762	49.858	ug/l	99
89) n-Butylbenzene	13.690	91	489377	46.132	ug/l	97
90) Hexachloroethane	13.959	117	104508	46.663	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	253958	50.772	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	25486	47.555	ug/l	89
93) 1,2,4-Trichlorobenzene	15.001	180	160857	50.661	ug/l	99
94) Hexachlorobutadiene	15.111	225	82931	47.528	ug/l	97
95) Naphthalene	15.233	128	382860	51.756	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	143769	50.947	ug/l	98

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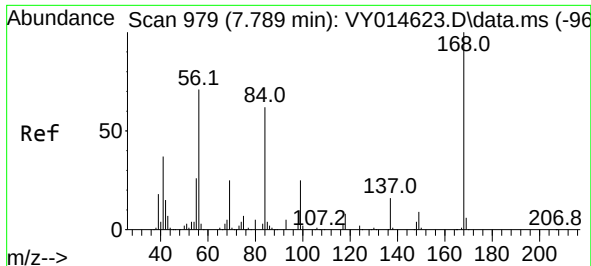
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Response via : Initial Calibration

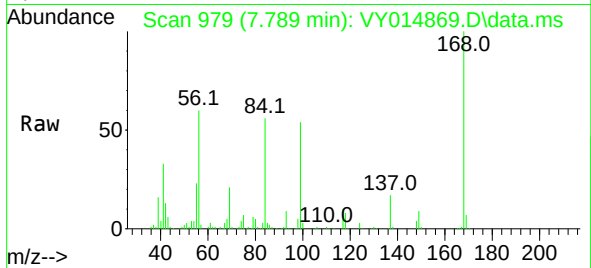
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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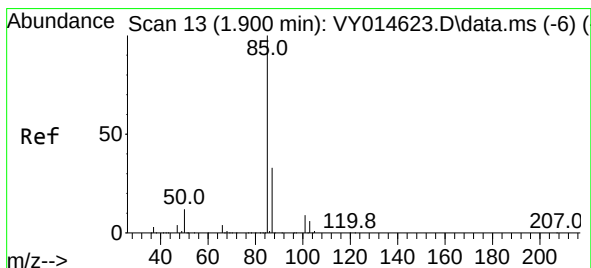
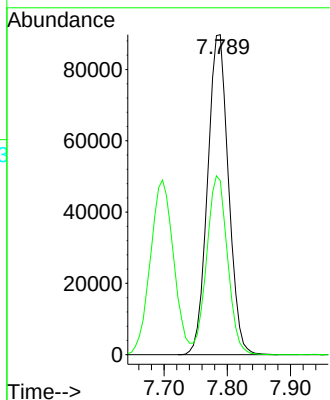
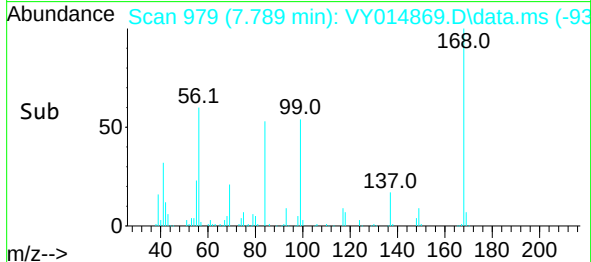
Instrument :
MSVOA_Y
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Tgt Ion:168 Resp: 20564
Ion Ratio Lower Upper
168 100
99 54.4 43.4 65.0

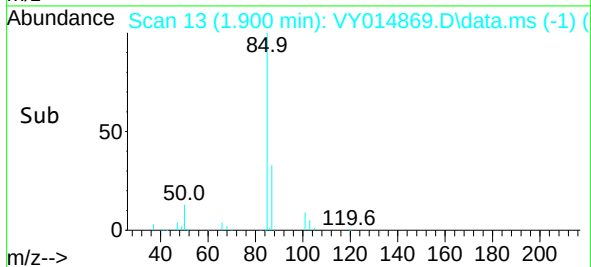
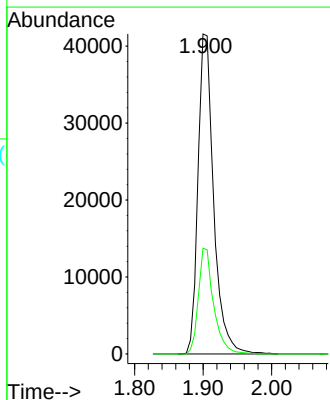
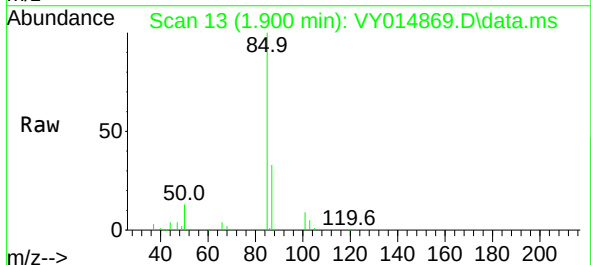
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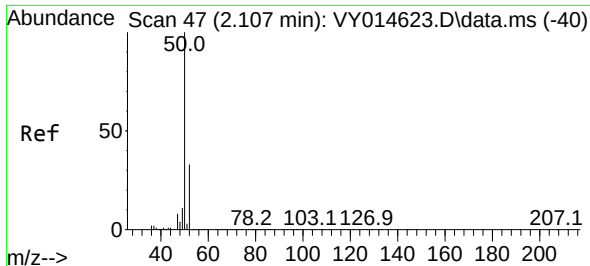
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#2
Dichlorodifluoromethane
Concen: 39.522 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24

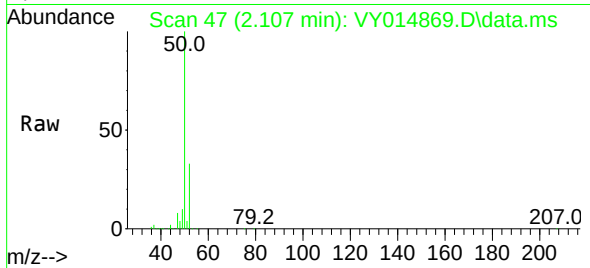
Tgt Ion: 85 Resp: 66216
Ion Ratio Lower Upper
85 100
87 33.1 15.6 46.8





#3
Chloromethane
Concen: 56.874 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24

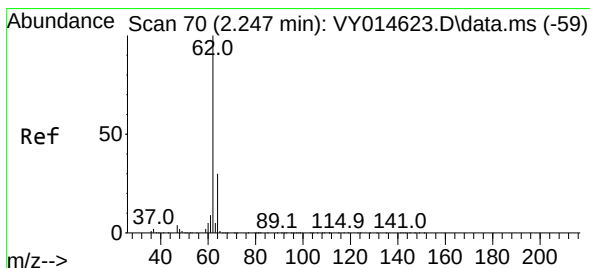
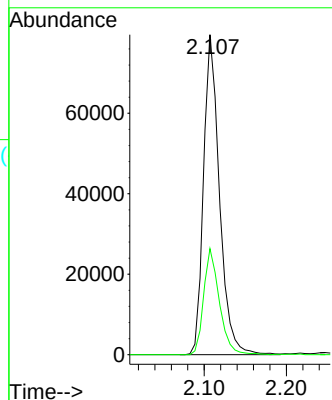
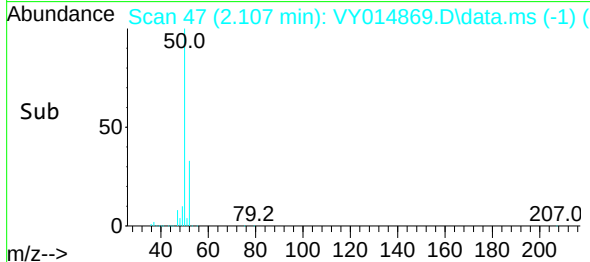
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Tgt Ion: 50 Resp: 107112
Ion Ratio Lower Upper
50 100
52 33.1 25.4 38.2

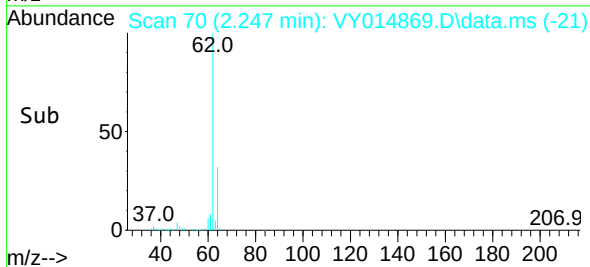
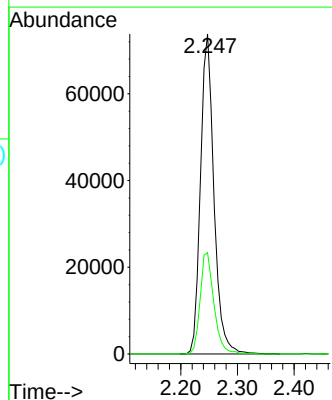
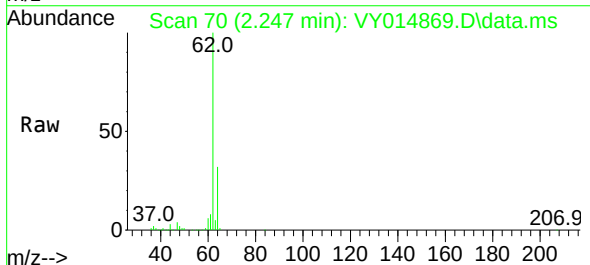
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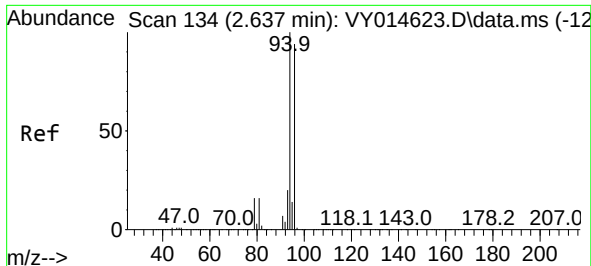
Reviewed By :John Carlone 07/28/2023
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#4
Vinyl Chloride
Concen: 57.593 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY014869.D
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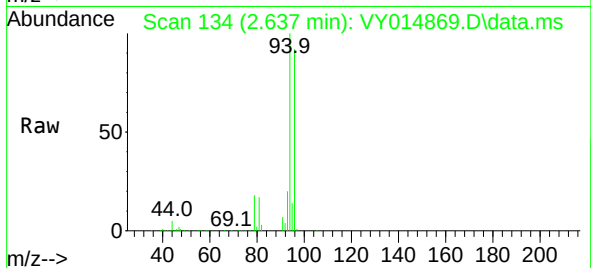
Tgt Ion: 62 Resp: 121222
Ion Ratio Lower Upper
62 100
64 31.7 24.3 36.5





#5
Bromomethane
Concen: 64.813 ug/l
RT: 2.637 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014869.D
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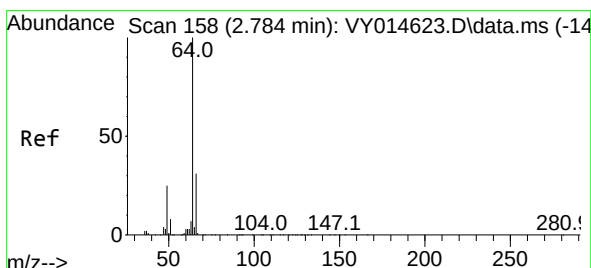
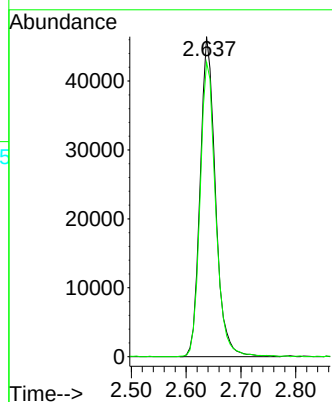
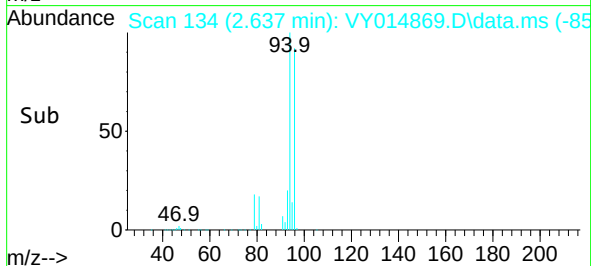
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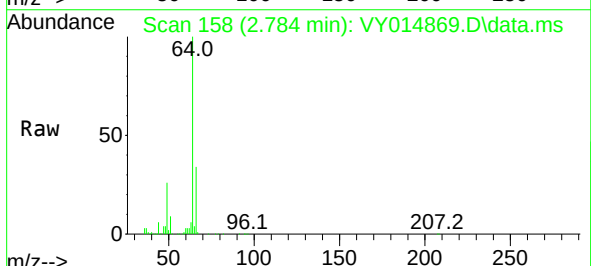
Tgt Ion: 94 Resp: 9015
Ion Ratio Lower Upper
94 100
96 91.9 75.8 113.6

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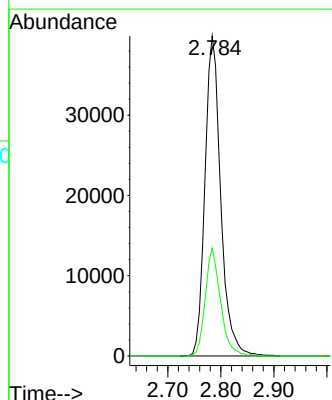
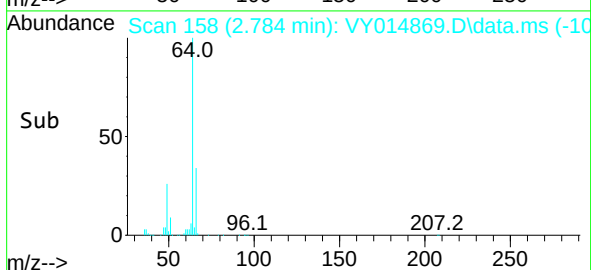
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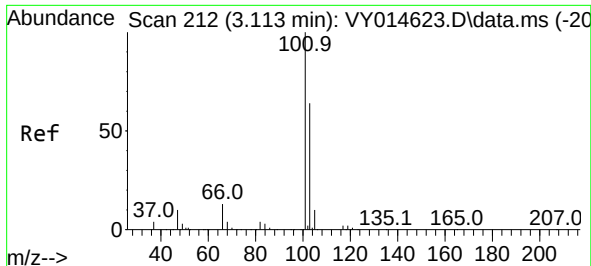


#6
Chloroethane
Concen: 62.606 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
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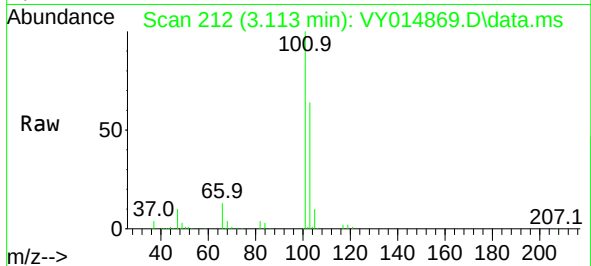
Tgt Ion: 64 Resp: 82312
Ion Ratio Lower Upper
64 100
66 33.6 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 48.945 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VY014869.D
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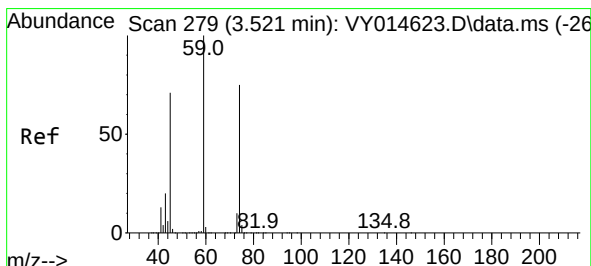
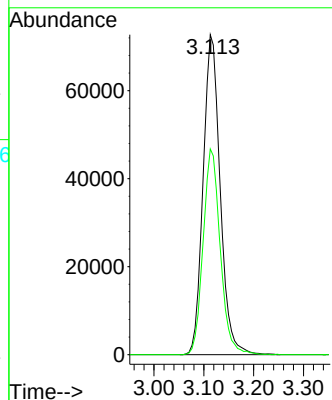
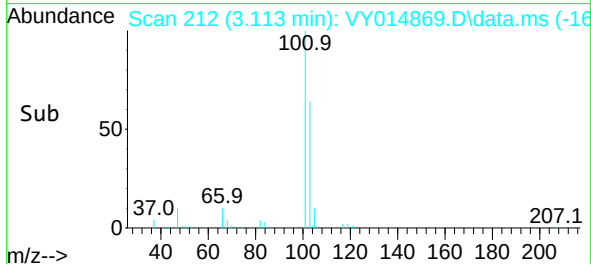
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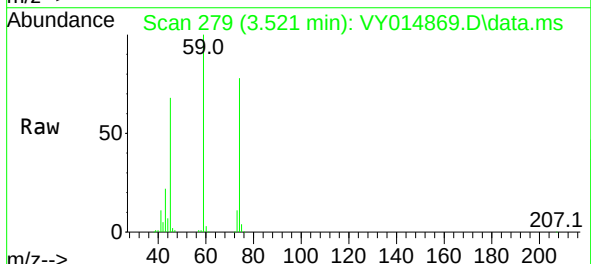
Tgt Ion:101 Resp: 17302
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.4 77.0

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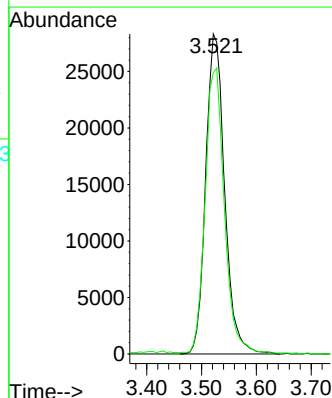
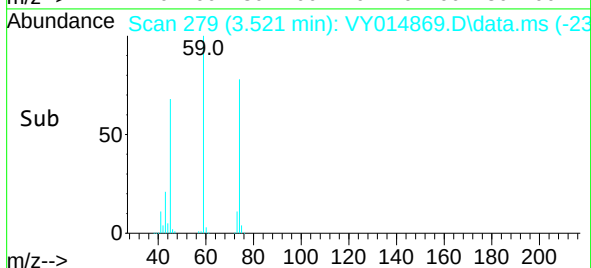
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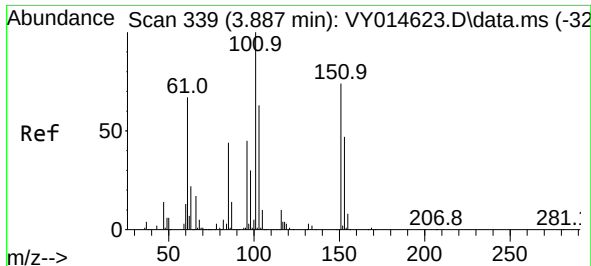


#8
 Diethyl Ether
 Concen: 51.531 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 67778
 Ion Ratio Lower Upper
 74 100
 45 90.0 51.5 154.5





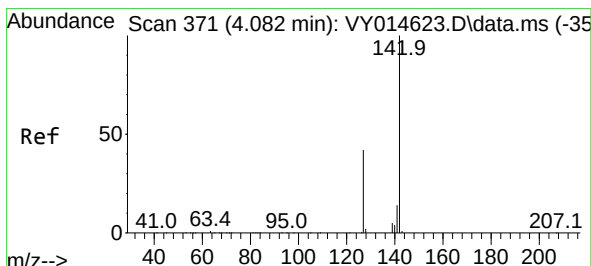
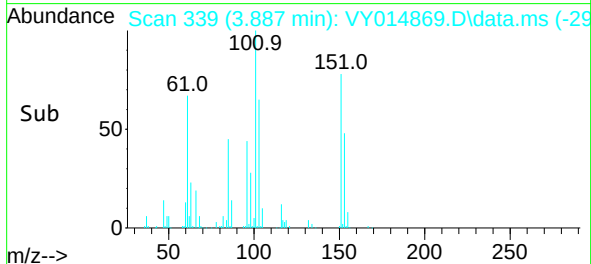
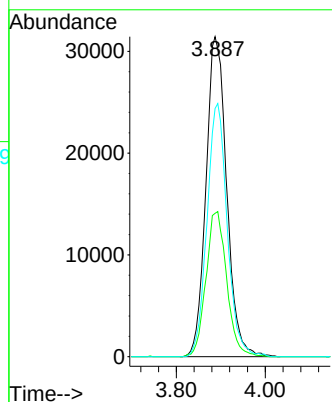
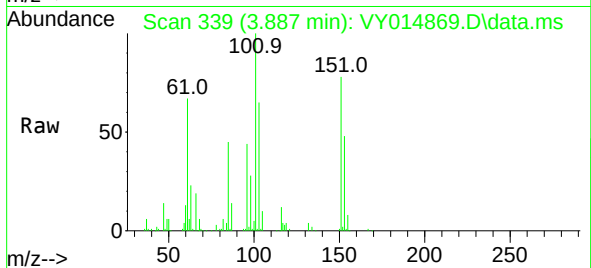
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.079 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 102000
Ion Ratio Lower Upper
101 100
85 45.4 36.6 55.0
151 77.3 67.0 100.6

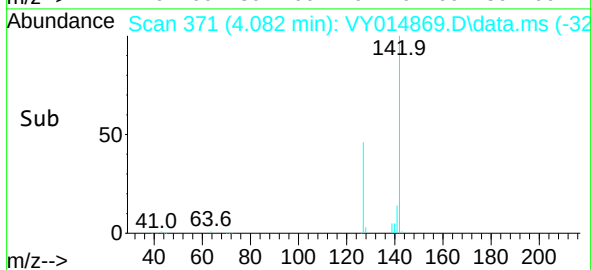
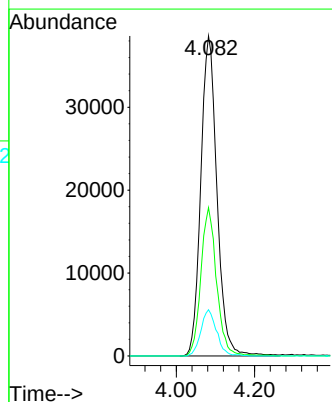
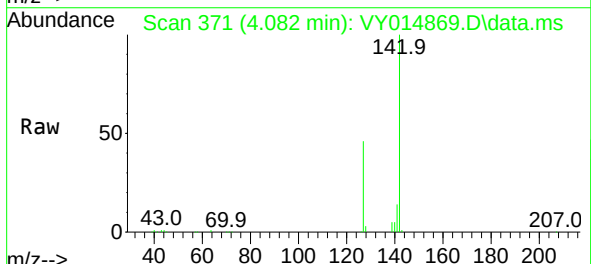
Manual Integrations
APPROVED

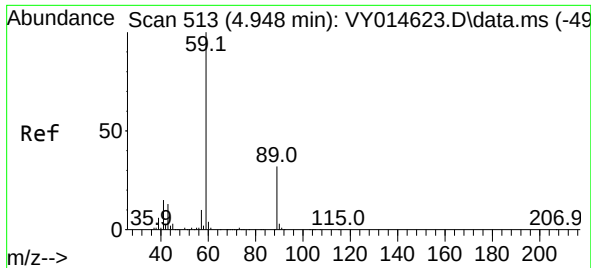
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#10
Methyl Iodide
Concen: 48.372 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24

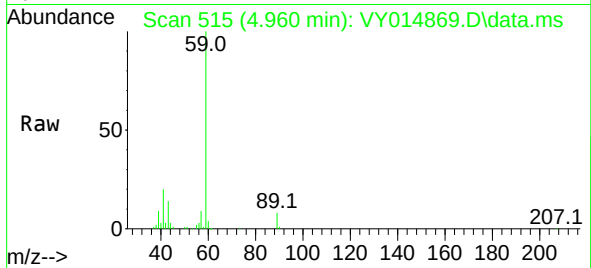
Tgt Ion:142 Resp: 110920
Ion Ratio Lower Upper
142 100
127 44.9 37.6 56.4
141 14.1 11.8 17.8





#11
Tert butyl alcohol
Concen: 197.193 ug/l
RT: 4.960 min Scan# 513
Delta R.T. 0.012 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24

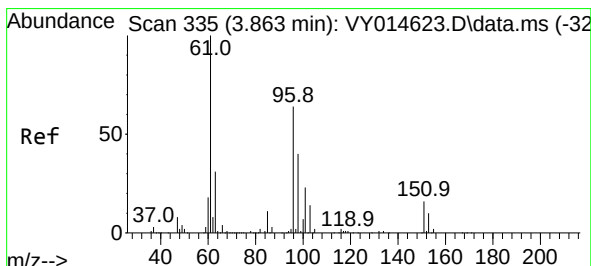
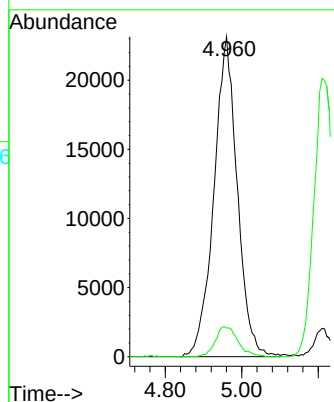
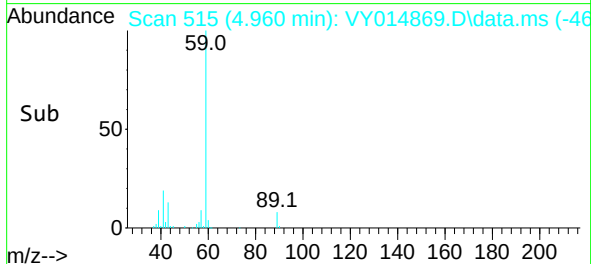
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



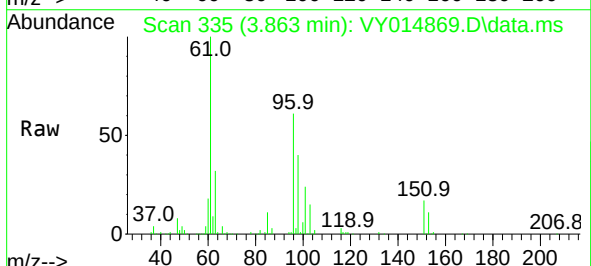
Tgt Ion: 59 Resp: 98124
Ion Ratio Lower Upper
59 100
57 9.1 3.0 4.4

Manual Integrations
APPROVED

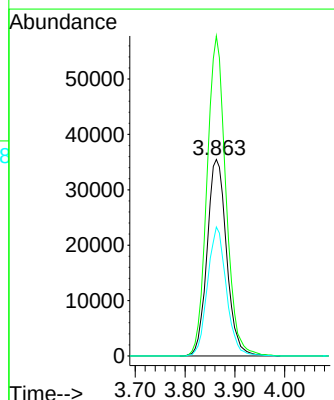
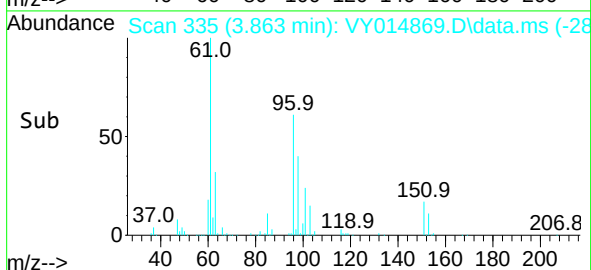
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

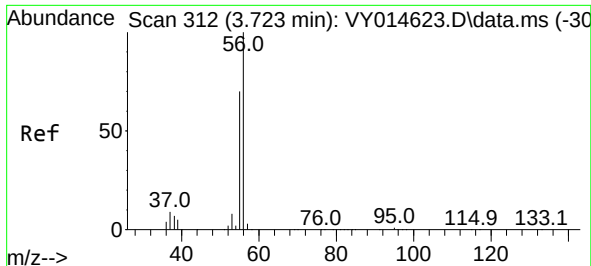


#12
1,1-Dichloroethene
Concen: 47.478 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24



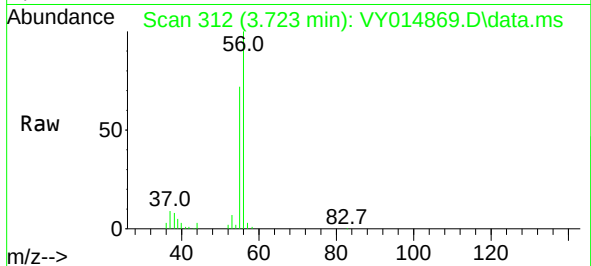
Tgt Ion: 96 Resp: 96146
Ion Ratio Lower Upper
96 100
61 162.9 136.4 204.6
98 65.6 49.4 74.2





#13
Acrolein
Concen: 170.411 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24

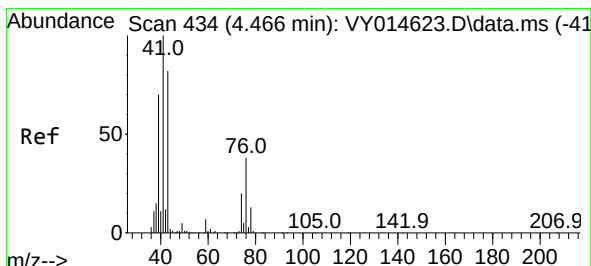
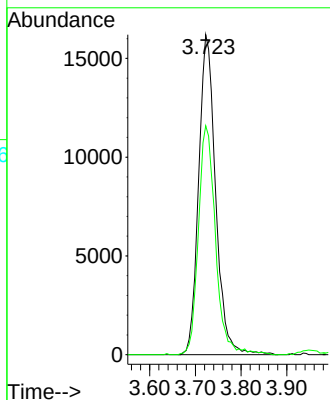
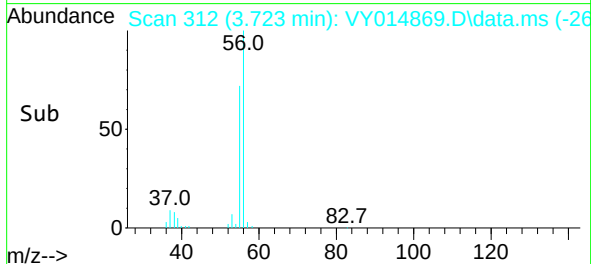
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



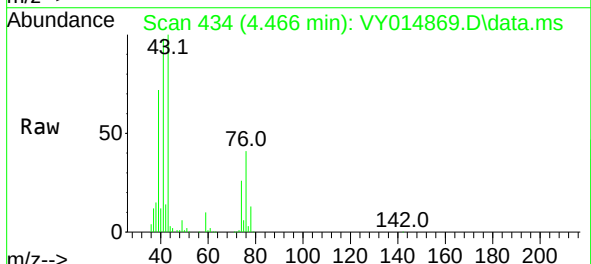
Tgt Ion: 56 Resp: 41739
Ion Ratio Lower Upper
56 100
55 72.3 57.0 85.4

Manual Integrations
APPROVED

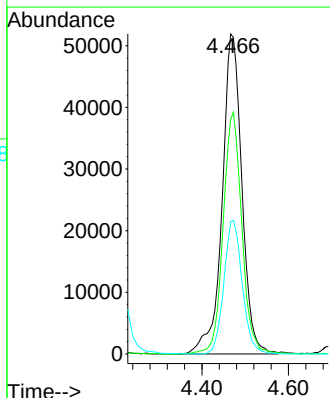
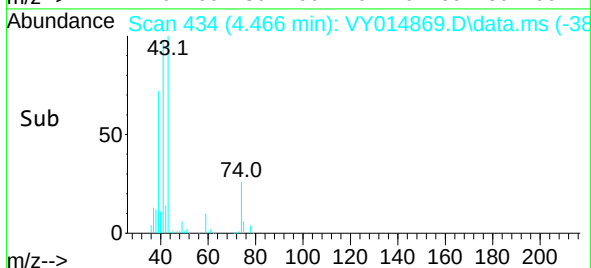
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

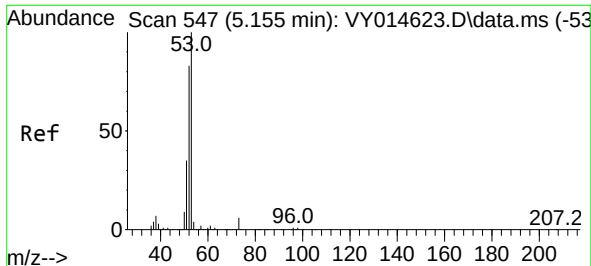


#14
Allyl chloride
Concen: 45.859 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24



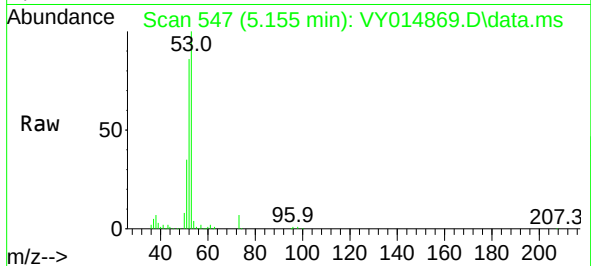
Tgt Ion: 41 Resp: 164891
Ion Ratio Lower Upper
41 100
39 71.7 58.0 87.0
76 38.9 27.4 41.2





#15
Acrylonitrile
Concen: 270.702 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24

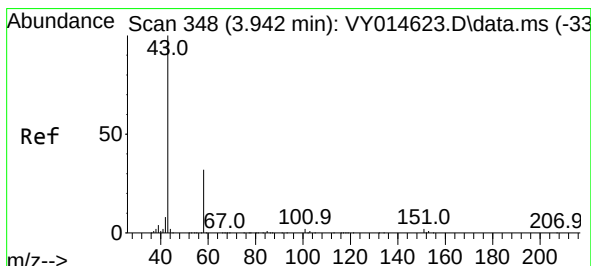
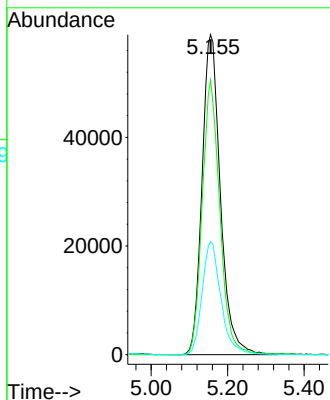
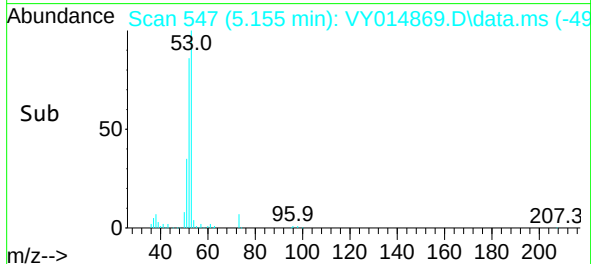
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



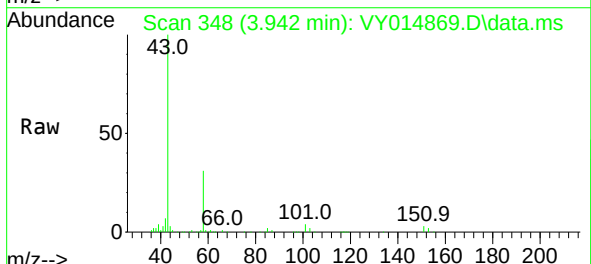
Tgt Ion: 53 Resp: 196339
Ion Ratio Lower Upper
53 100
52 82.2 66.9 100.3
51 36.2 29.8 44.6

Manual Integrations
APPROVED

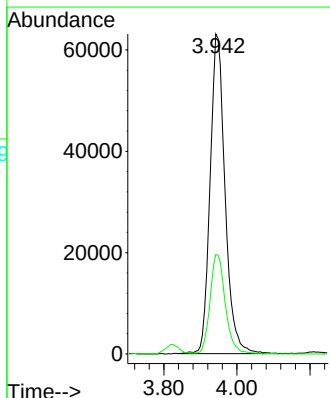
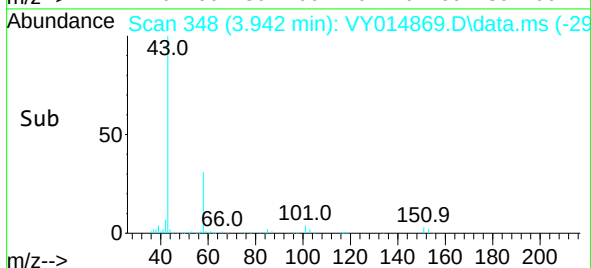
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

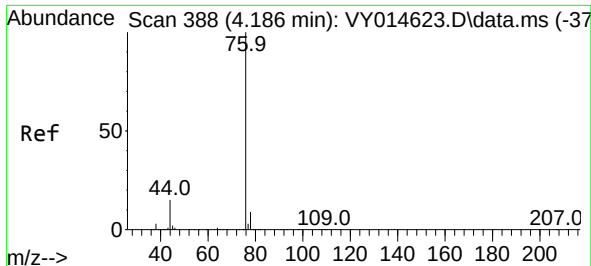


#16
Acetone
Concen: 240.369 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24



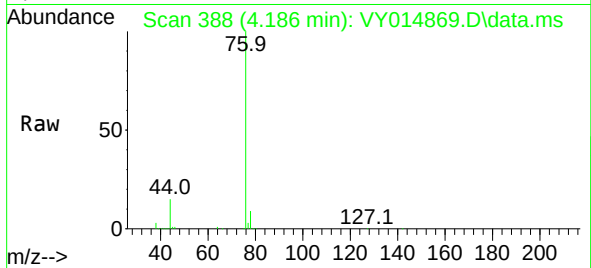
Tgt Ion: 43 Resp: 178497
Ion Ratio Lower Upper
43 100
58 31.1 22.7 34.1





#17
Carbon Disulfide
Concen: 42.186 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24

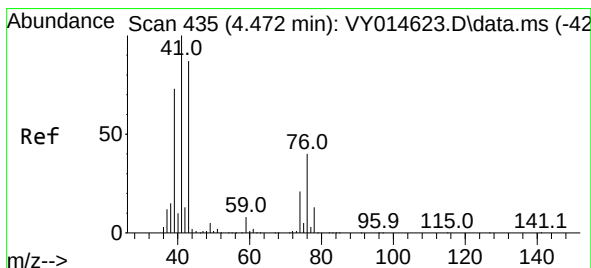
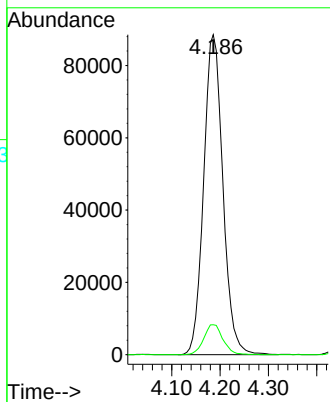
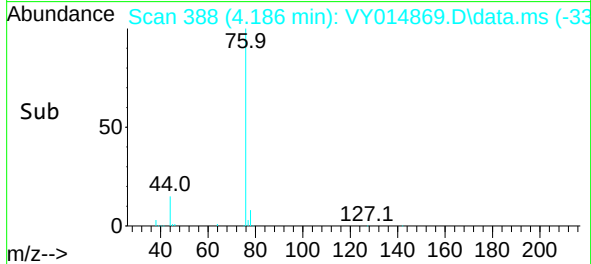
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 244586
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4

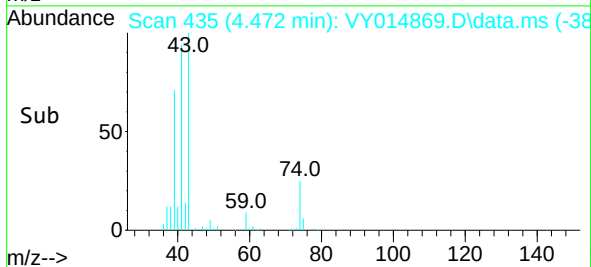
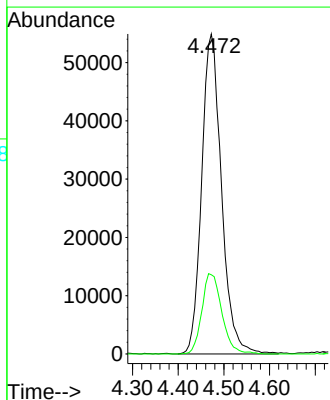
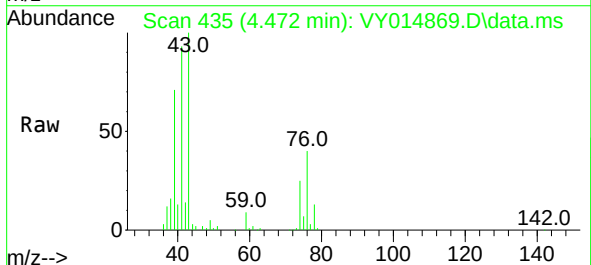
Manual Integrations
APPROVED

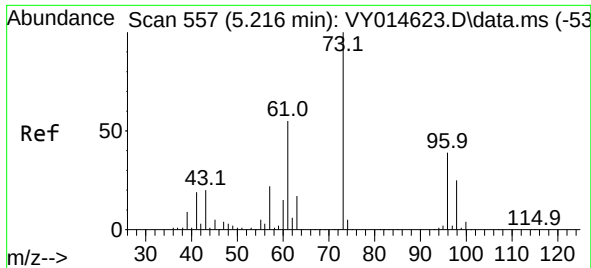
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#18
Methyl Acetate
Concen: 57.999 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24

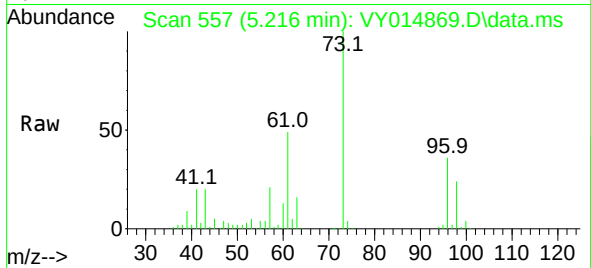
Tgt Ion: 43 Resp: 165281
Ion Ratio Lower Upper
43 100
74 25.3 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 53.733 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24

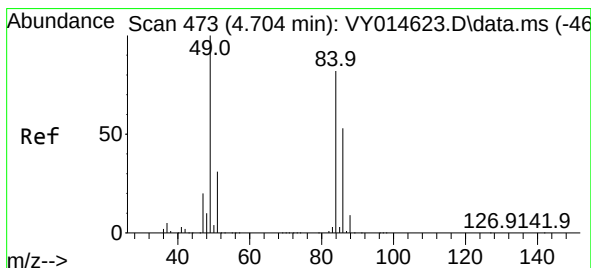
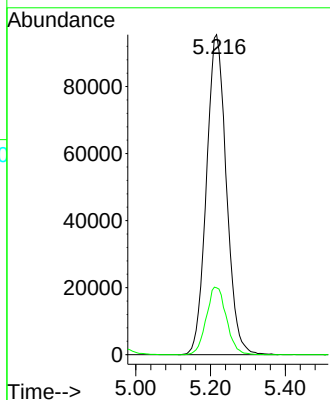
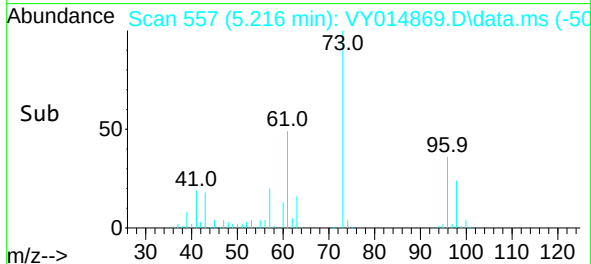
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



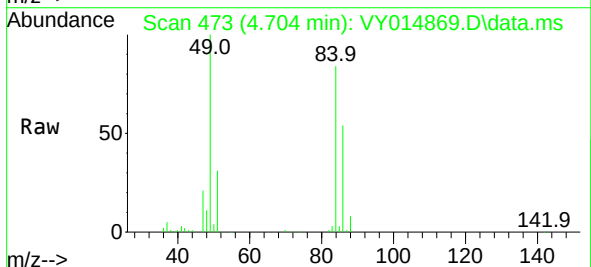
Tgt Ion: 73 Resp: 35346
Ion Ratio Lower Upper
73 100
57 20.9 17.3 25.9

Manual Integrations
APPROVED

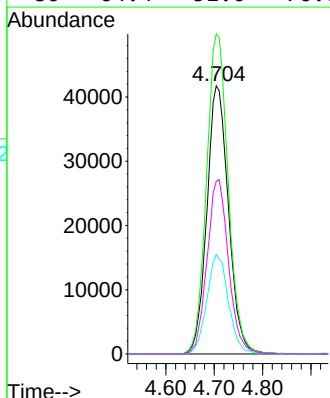
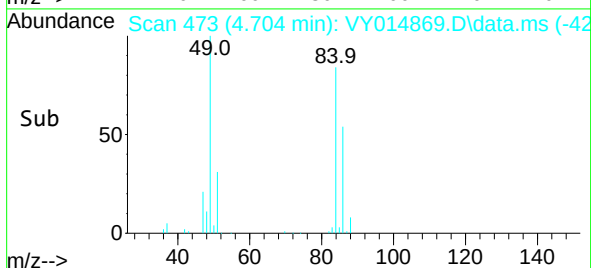
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

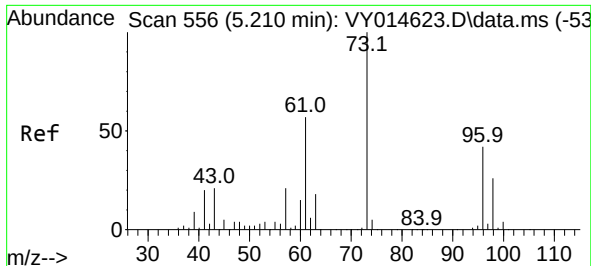


#20
Methylene Chloride
Concen: 54.070 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24



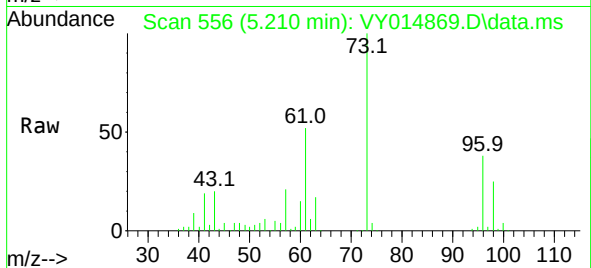
Tgt Ion: 84 Resp: 129609
Ion Ratio Lower Upper
84 100
49 119.3 106.9 160.3
51 37.1 33.2 49.8
86 64.4 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 48.675 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24

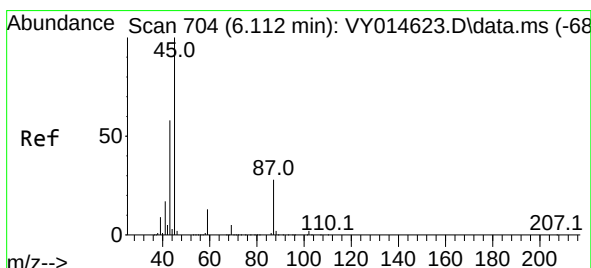
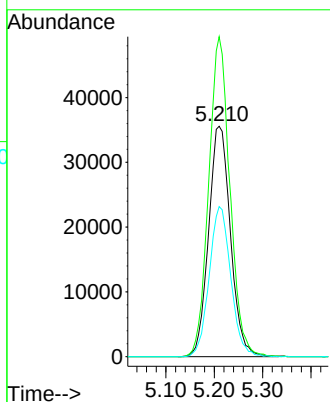
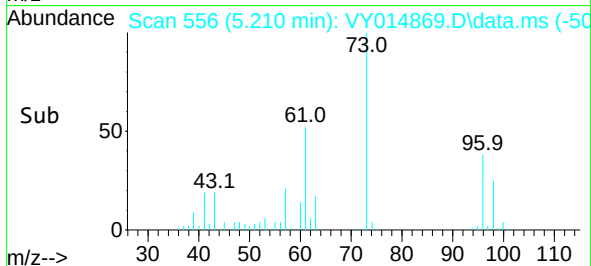
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



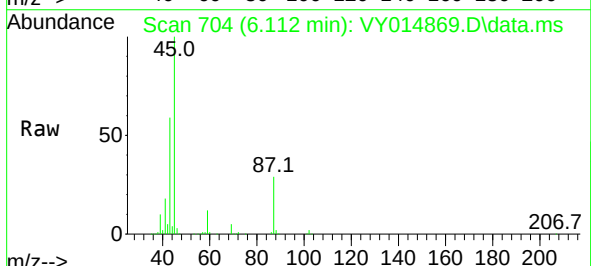
Tgt Ion: 96 Resp: 11186
Ion Ratio Lower Upper
96 100
61 138.9 110.2 165.4
98 65.2 51.8 77.6

Manual Integrations
APPROVED

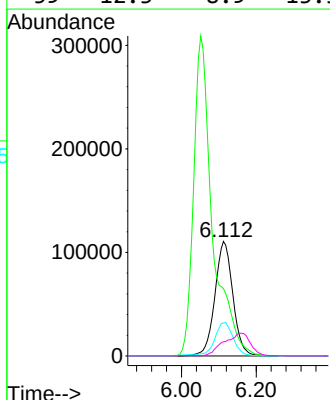
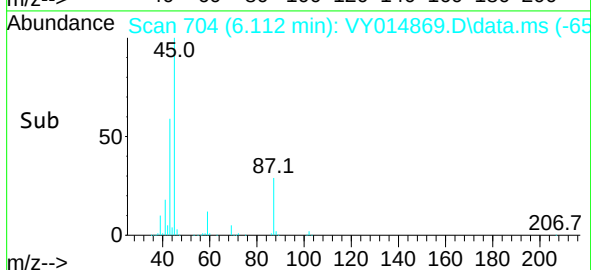
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

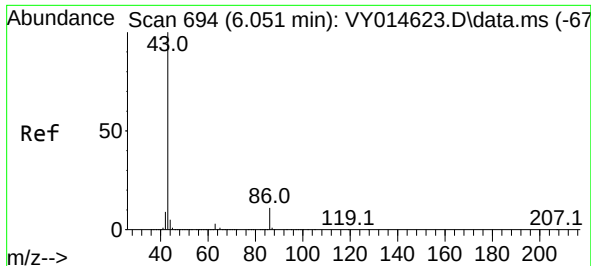


#22
Diisopropyl ether
Concen: 50.533 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24



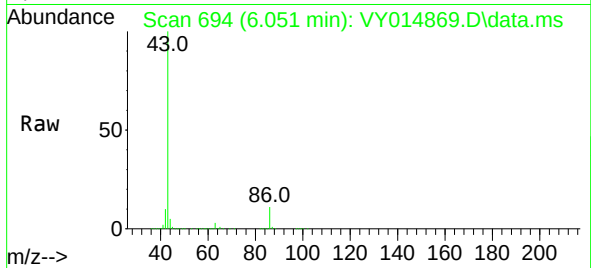
Tgt Ion: 45 Resp: 369411
Ion Ratio Lower Upper
45 100
43 58.6 52.2 78.4
87 28.8 21.0 31.6
59 12.3 8.9 13.3





#23
 Vinyl Acetate
 Concen: 247.913 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY014869.D
 Acq: 27 Jul 2023 09:24

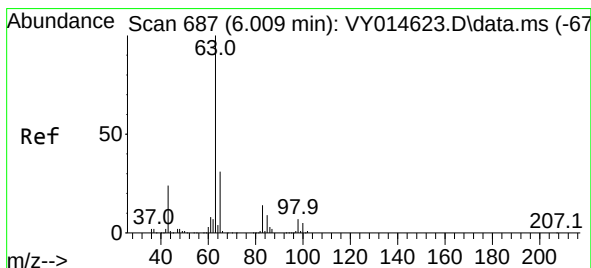
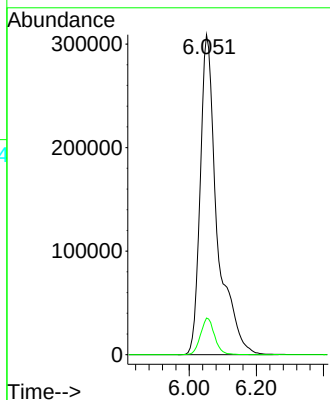
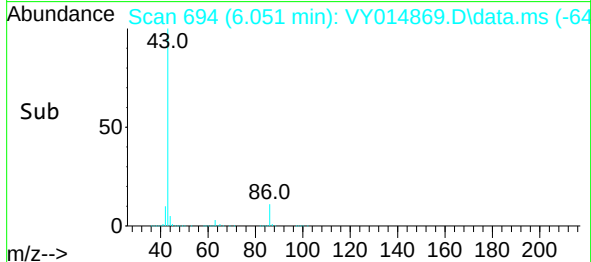
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



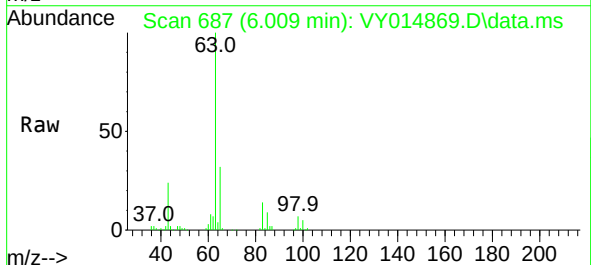
Tgt Ion: 43 Resp: 108453
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.5 11.3

Manual Integrations
 APPROVED

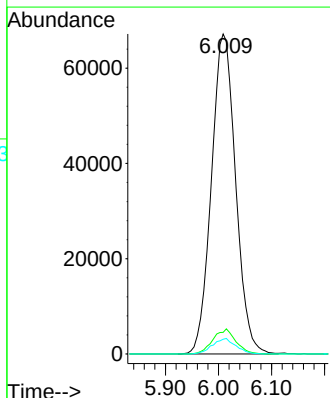
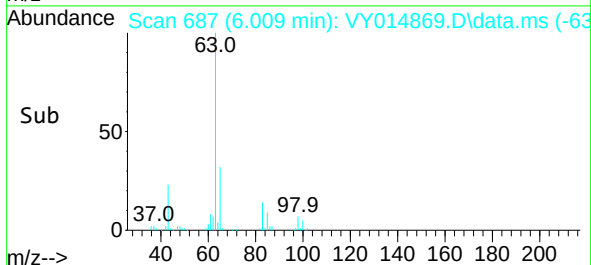
Reviewed By :John Carlone 07/28/2023
 Supervised By :Mahesh Dadoda 07/28/2023

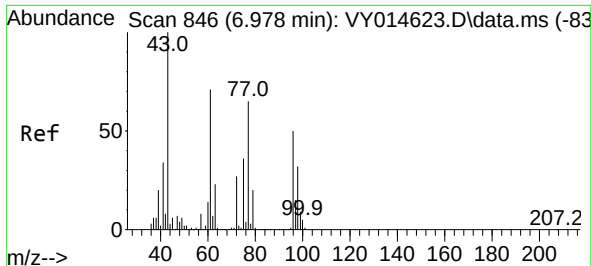


#24
 1,1-Dichloroethane
 Concen: 50.971 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY014869.D
 Acq: 27 Jul 2023 09:24



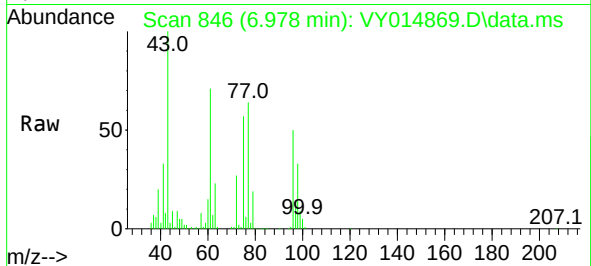
Tgt Ion: 63 Resp: 213204
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.1 9.4
 100 4.6 1.8 5.5





#25
2-Butanone
Concen: 258.498 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24

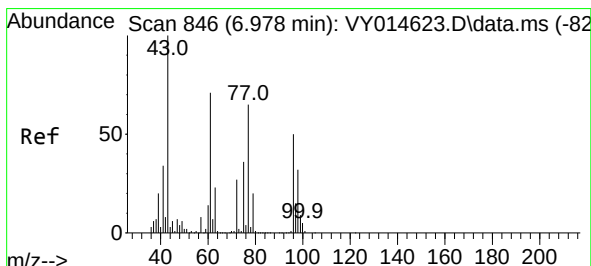
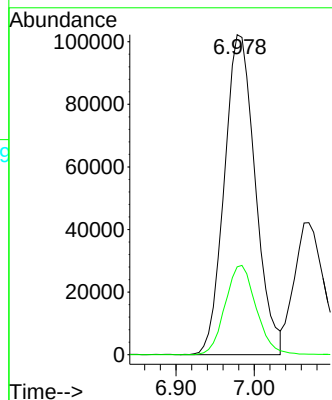
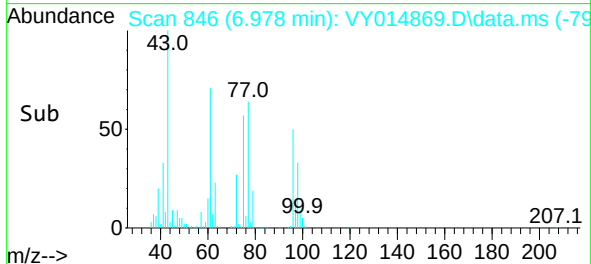
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



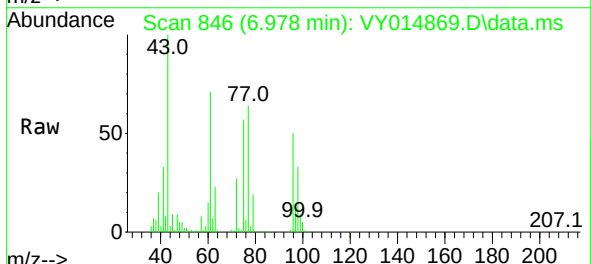
Tgt Ion: 43 Resp: 280835
Ion Ratio Lower Upper
43 100
72 27.4 20.5 30.7

Manual Integrations
APPROVED

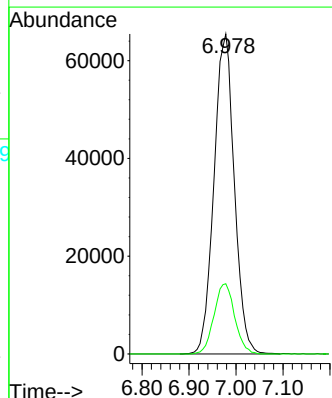
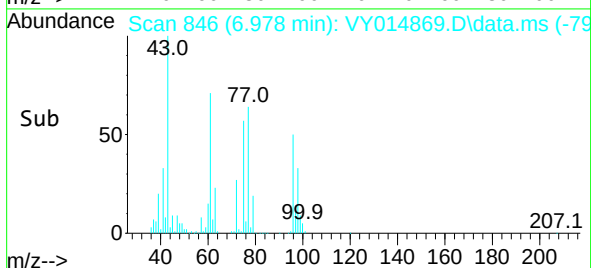
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

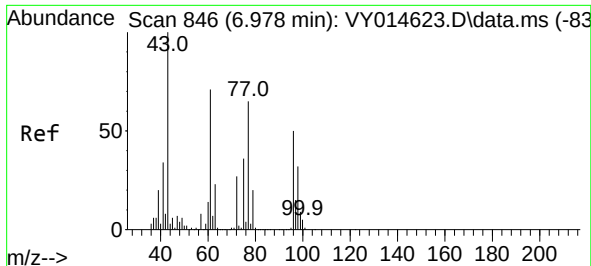


#26
2,2-Dichloropropane
Concen: 49.356 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24



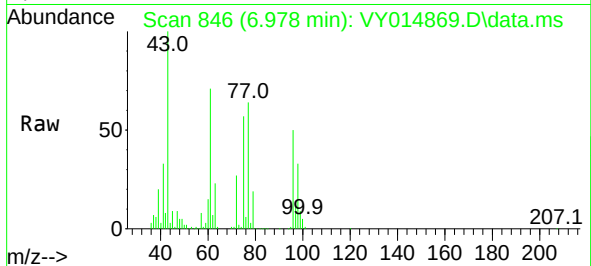
Tgt Ion: 77 Resp: 196755
Ion Ratio Lower Upper
77 100
97 22.3 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 52.390 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY014869.D
 Acq: 27 Jul 2023 09:24

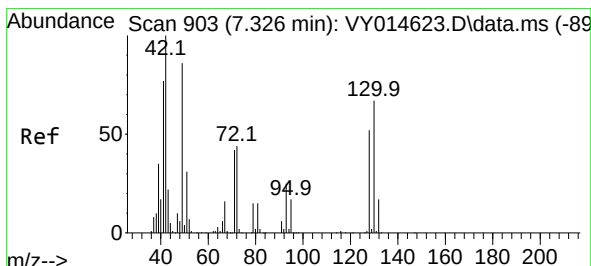
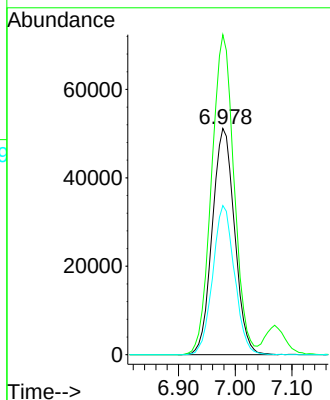
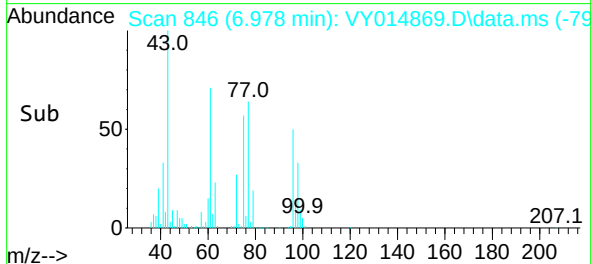
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 140144
 Ion Ratio Lower Upper
 96 100
 61 142.7 0.0 301.4
 98 64.3 0.0 130.4

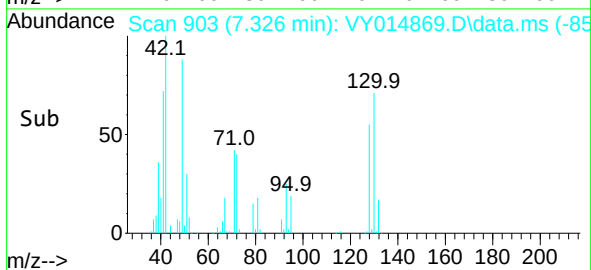
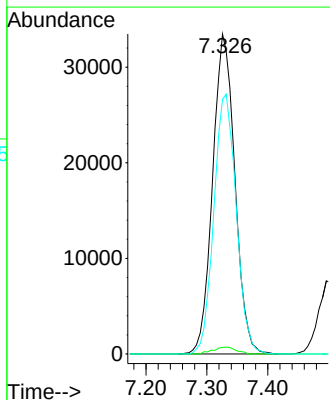
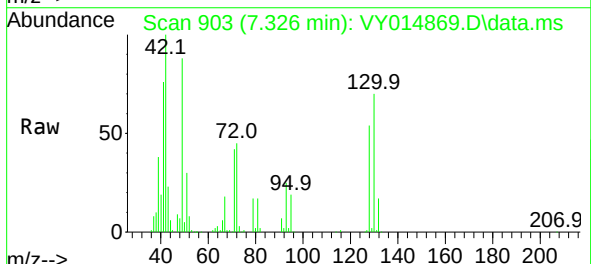
Manual Integrations
 APPROVED

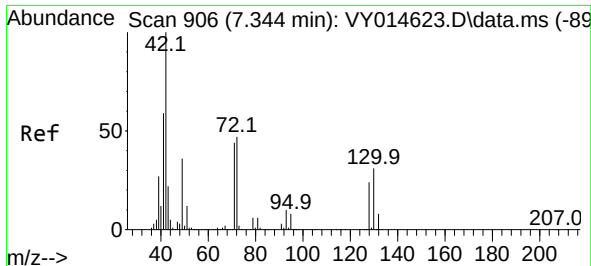
Reviewed By :John Carlone 07/28/2023
 Supervised By :Mahesh Dadoda 07/28/2023



#28
 Bromochloromethane
 Concen: 47.116 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.000 min
 Lab File: VY014869.D
 Acq: 27 Jul 2023 09:24

Tgt Ion: 49 Resp: 84878
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 81.8 60.7 91.1





#29

Tetrahydrofuran

Concen: 262.147 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY014869.D

Acq: 27 Jul 2023 09:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

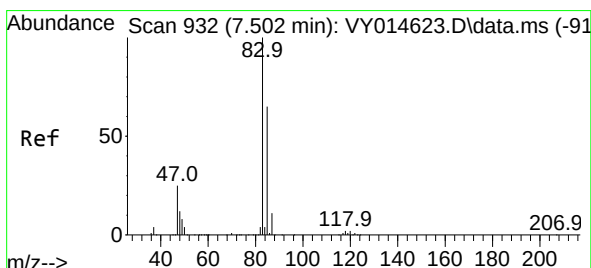
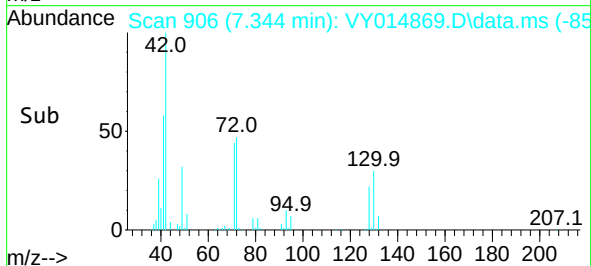
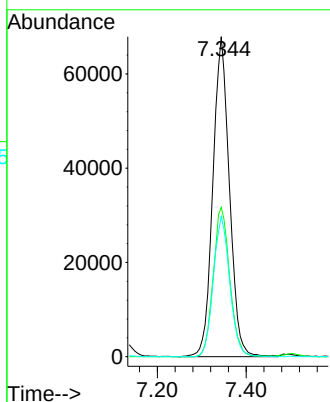
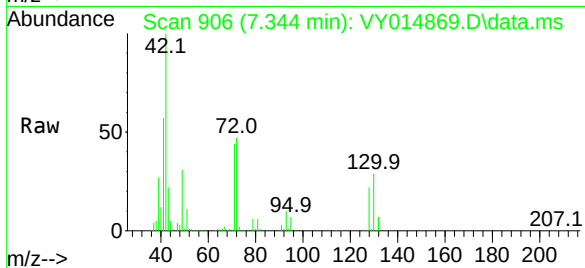
Tgt Ion:	42	Resp:	17536
Ion Ratio	Lower	Upper	
42	100		
72	46.6	32.8	49.2
71	43.4	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#30

Chloroform

Concen: 52.760 ug/l

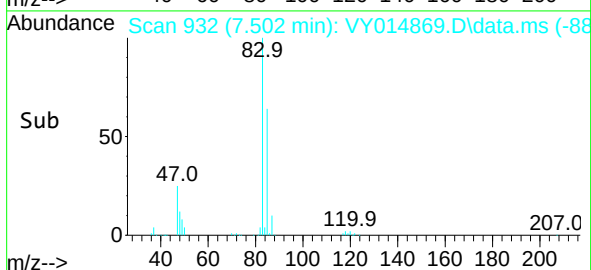
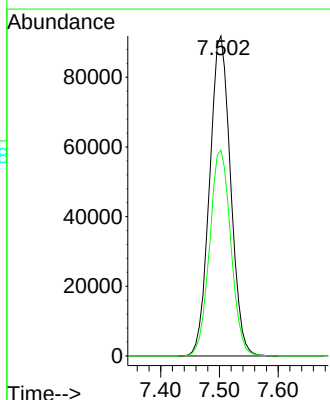
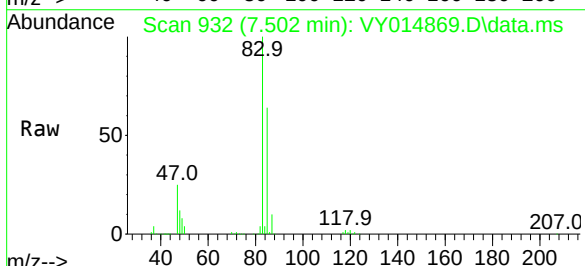
RT: 7.502 min Scan# 932

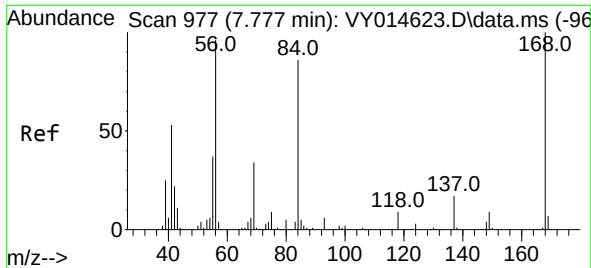
Delta R.T. 0.000 min

Lab File: VY014869.D

Acq: 27 Jul 2023 09:24

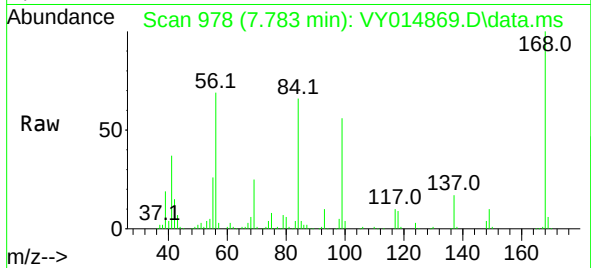
Tgt Ion:	83	Resp:	227569
Ion Ratio	Lower	Upper	
83	100		
85	64.3	49.7	74.5





#31
Cyclohexane
Concen: 40.338 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24

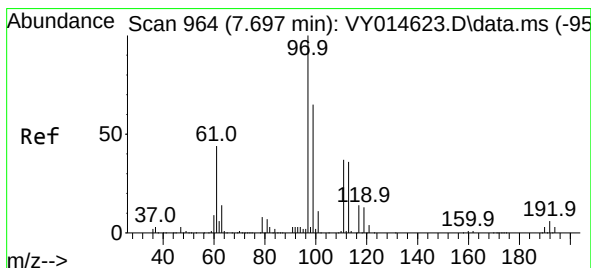
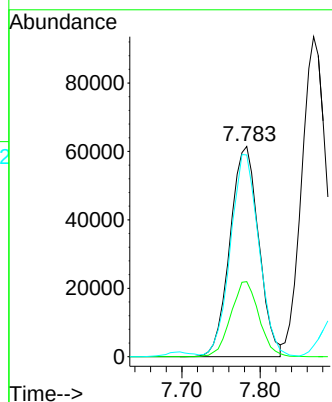
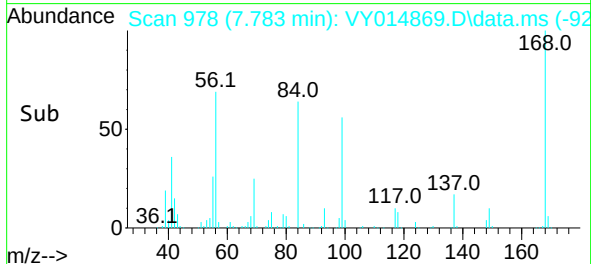
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



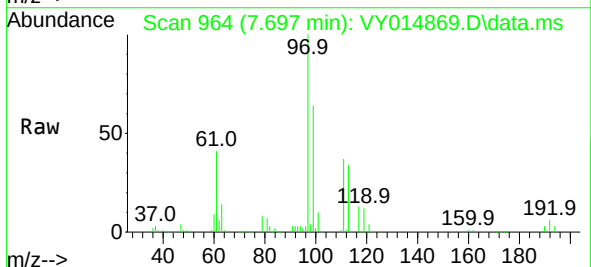
Tgt Ion: 56 Resp: 156919
Ion Ratio Lower Upper
56 100
69 35.7 27.8 41.6
84 93.6 66.4 99.6

Manual Integrations
APPROVED

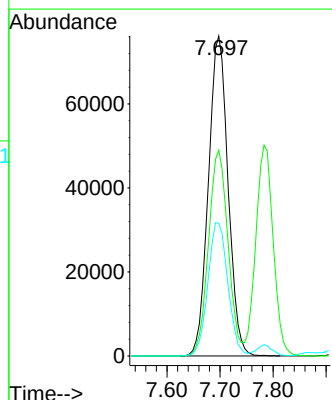
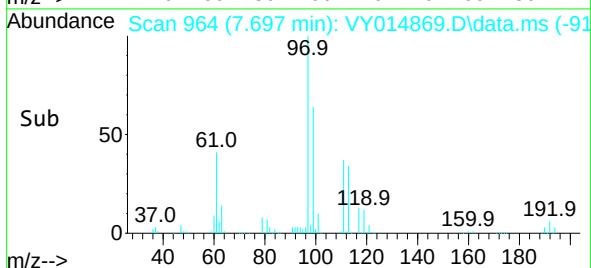
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

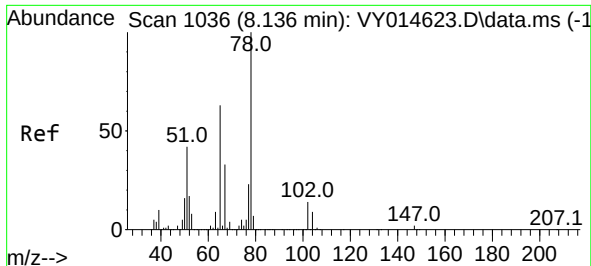


#32
1,1,1-Trichloroethane
Concen: 50.452 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24



Tgt Ion: 97 Resp: 195859
Ion Ratio Lower Upper
97 100
99 64.4 50.8 76.2
61 42.5 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 45.982 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY014869.D

Acq: 27 Jul 2023 09:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 107754

Ion Ratio Lower Upper

65 100

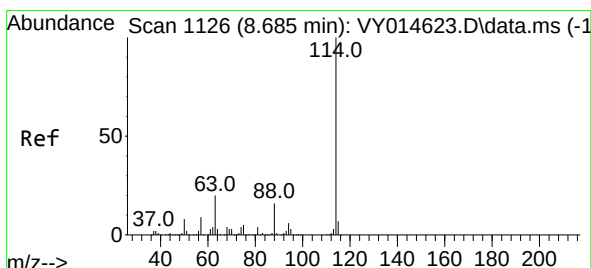
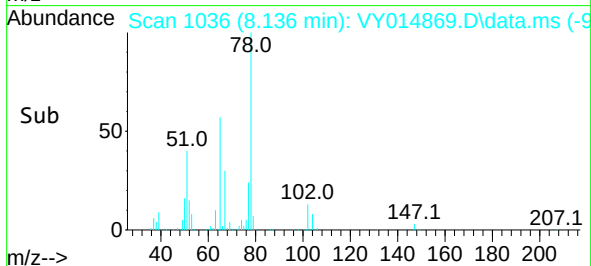
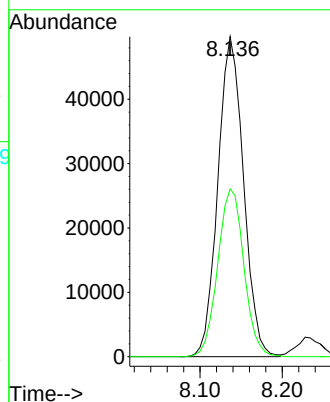
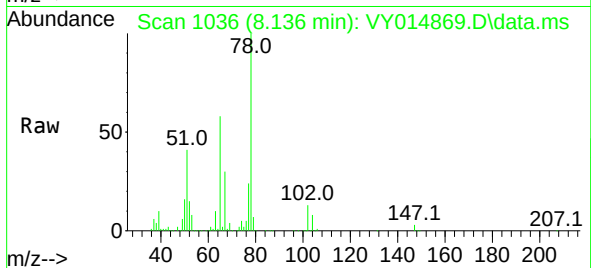
67 53.6 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014869.D

Acq: 27 Jul 2023 09:24

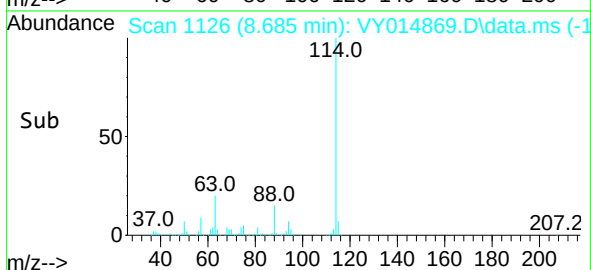
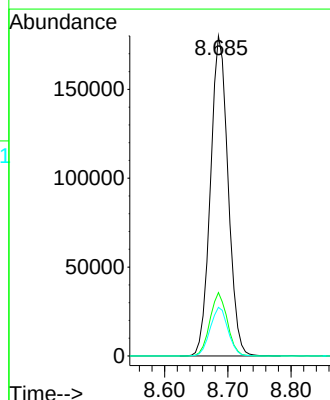
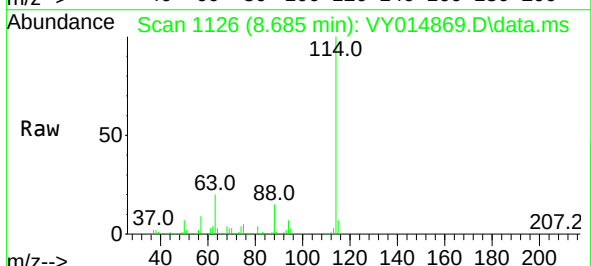
Tgt Ion:114 Resp: 348074

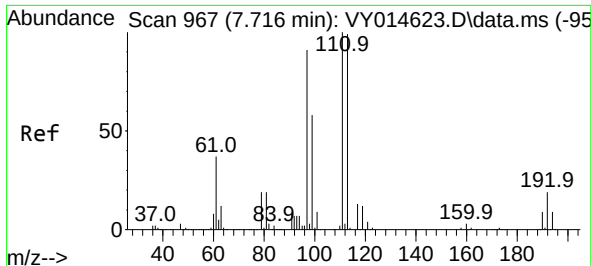
Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

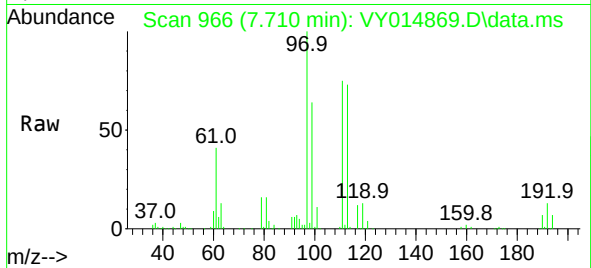
88 15.2 0.0 30.6





#35
Dibromofluoromethane
Concen: 45.334 ug/l
RT: 7.710 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24

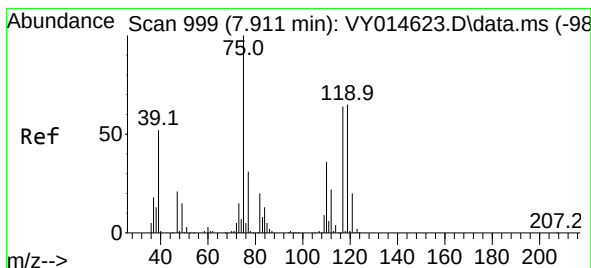
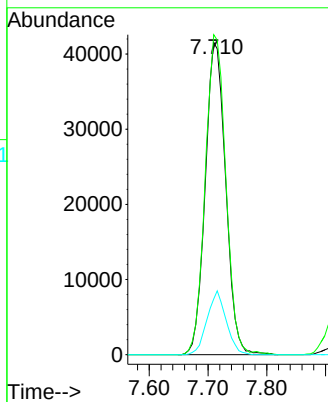
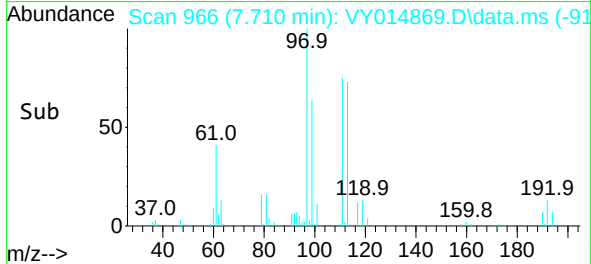
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 100448
Ion Ratio Lower Upper
113 100
111 103.4 81.3 121.9
192 19.1 16.9 25.3

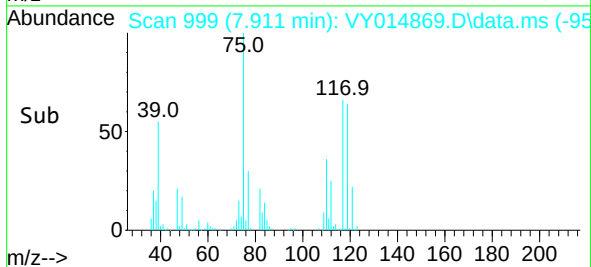
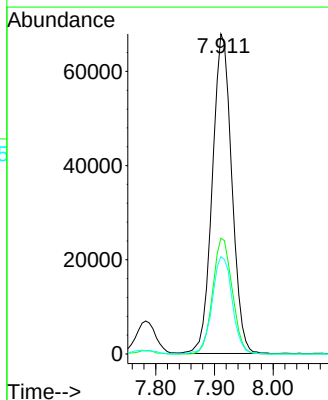
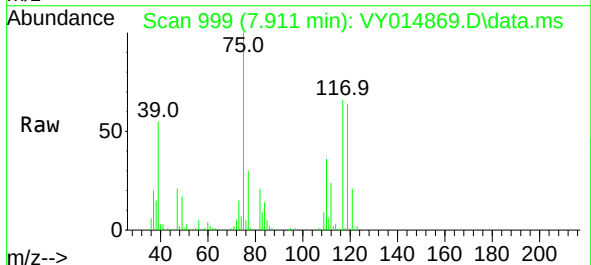
Manual Integrations
APPROVED

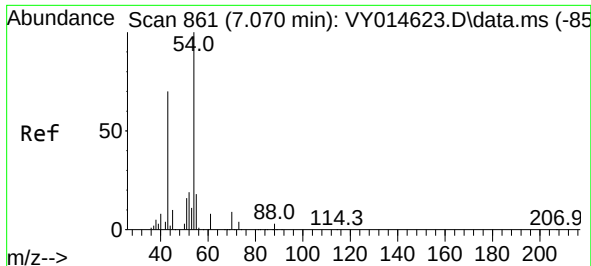
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#36
1,1-Dichloropropene
Concen: 47.128 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24

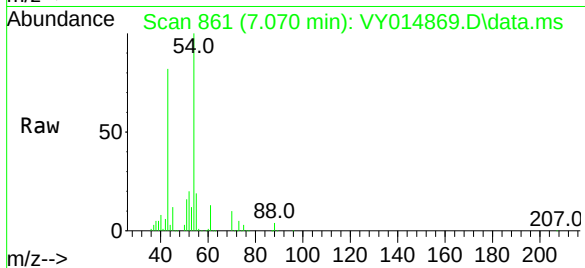
Tgt Ion: 75 Resp: 156163
Ion Ratio Lower Upper
75 100
110 36.2 17.8 53.5
77 31.4 24.4 36.6





#37
Ethyl Acetate
Concen: 50.219 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24

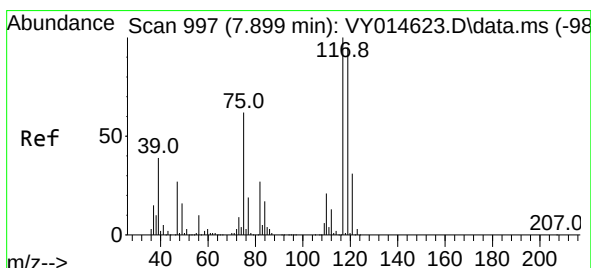
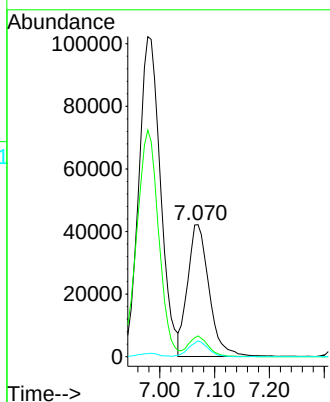
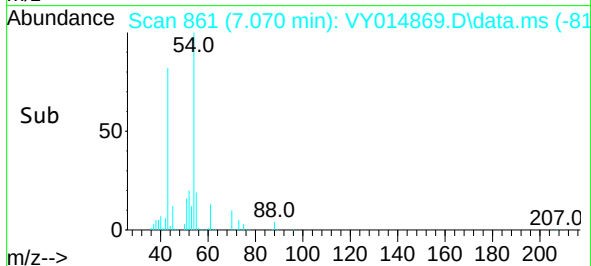
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 114570
Ion Ratio Lower Upper
43 100
61 14.1 10.1 15.1
70 10.8 7.1 10.7

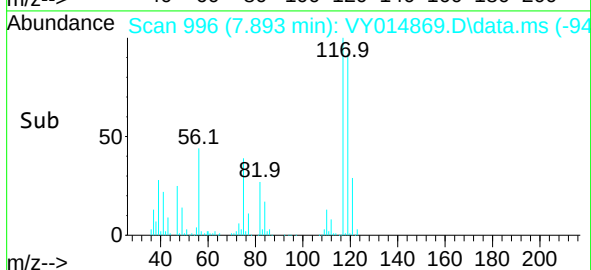
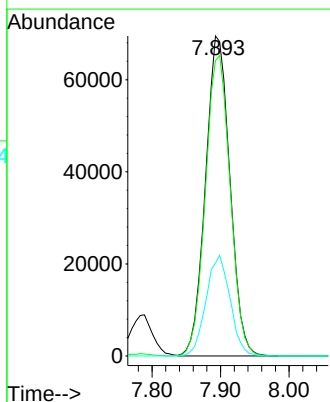
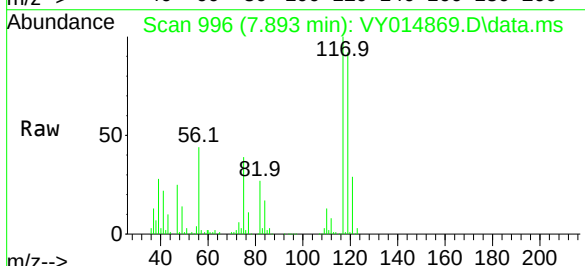
Manual Integrations
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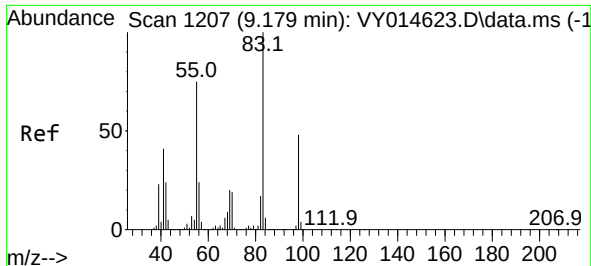
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#38
Carbon Tetrachloride
Concen: 49.077 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24

Tgt Ion:117 Resp: 171903
Ion Ratio Lower Upper
117 100
119 92.3 76.4 114.6
121 29.0 25.8 38.6





#39

Methylcyclohexane

Concen: 42.703 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY014869.D

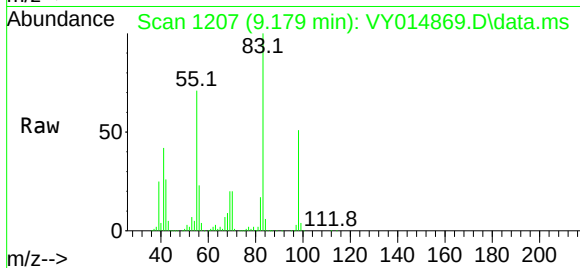
Acq: 27 Jul 2023 09:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion: 83 Resp: 184340

Ion Ratio Lower Upper

83 100

55 71.3 63.0 94.4

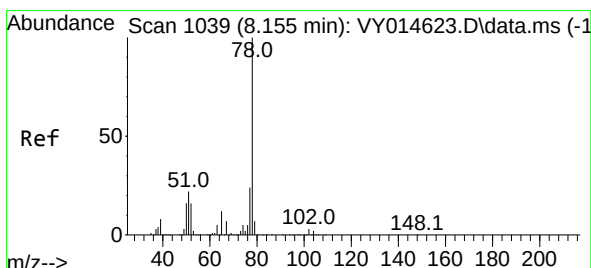
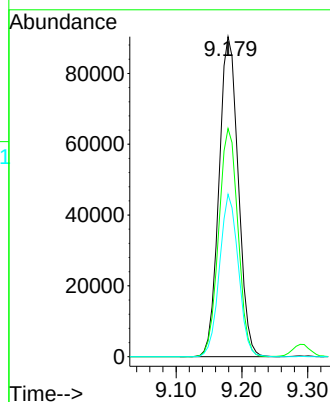
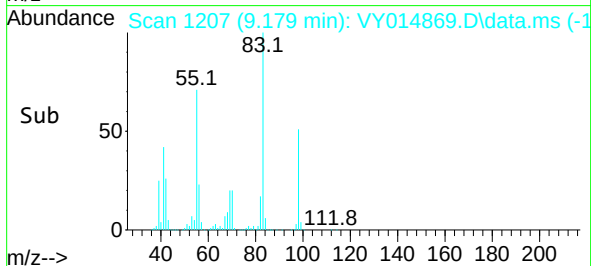
98 50.7 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#40

Benzene

Concen: 50.188 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY014869.D

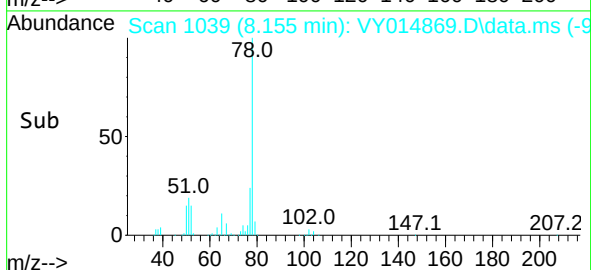
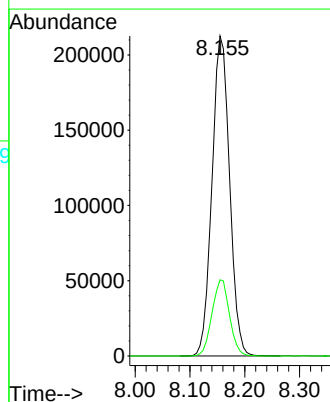
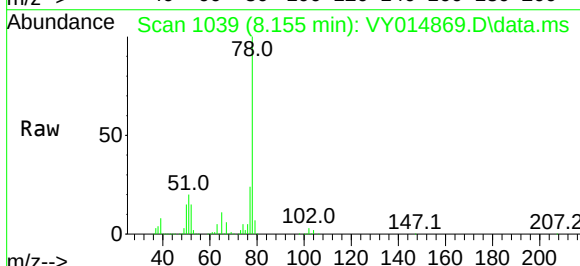
Acq: 27 Jul 2023 09:24

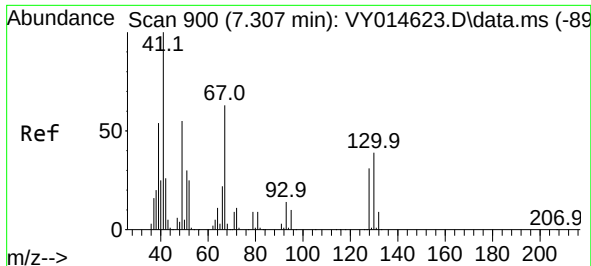
Tgt Ion: 78 Resp: 472971

Ion Ratio Lower Upper

78 100

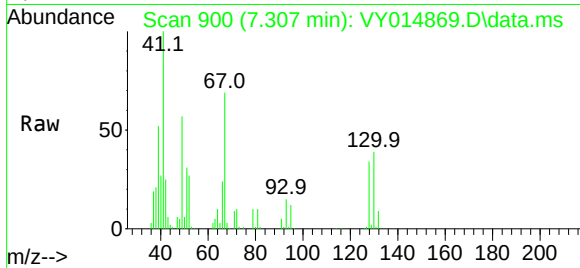
77 23.8 19.0 28.6





#41
Methacrylonitrile
Concen: 57.190 ug/l m
RT: 7.307 min Scan# 900
Delta R.T. 0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24

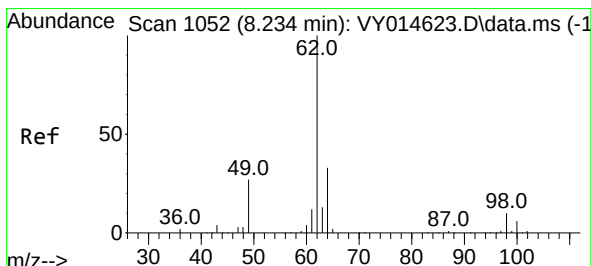
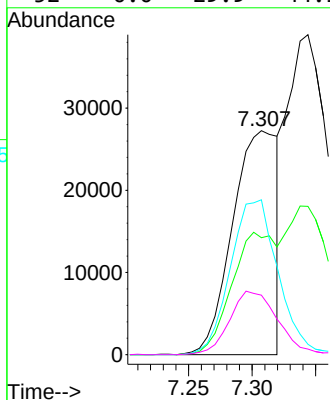
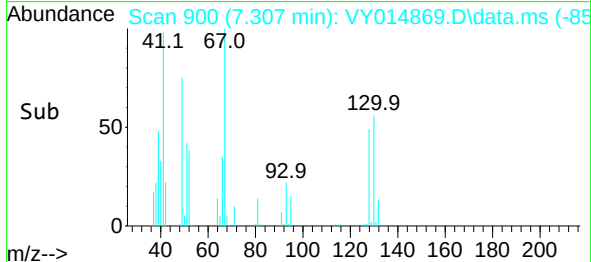
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 67110
Ion Ratio Lower Upper
41 100
39 59.3 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

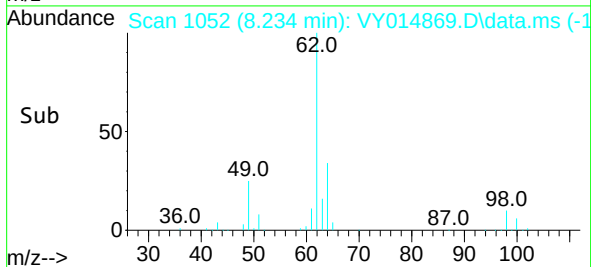
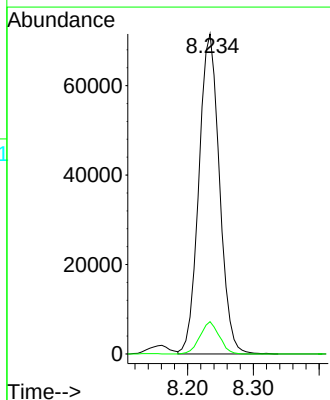
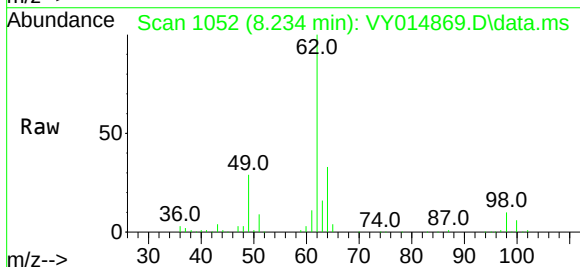
Manual Integrations
APPROVED

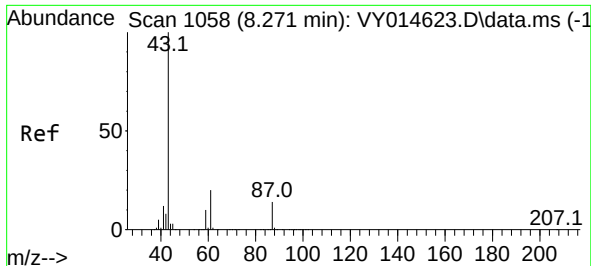
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#42
1,2-Dichloroethane
Concen: 52.187 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24

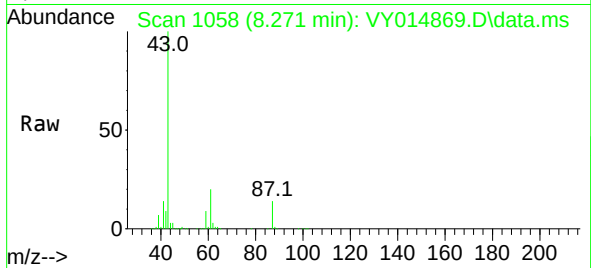
Tgt Ion: 62 Resp: 155742
Ion Ratio Lower Upper
62 100
98 9.5 0.0 15.8





#43
Isopropyl Acetate
Concen: 49.714 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24

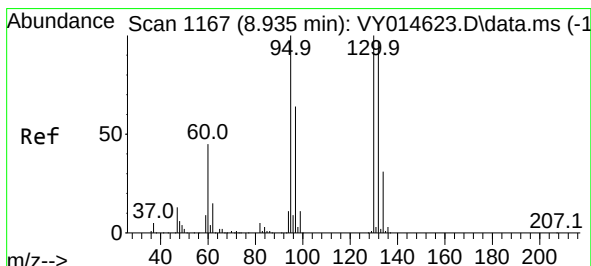
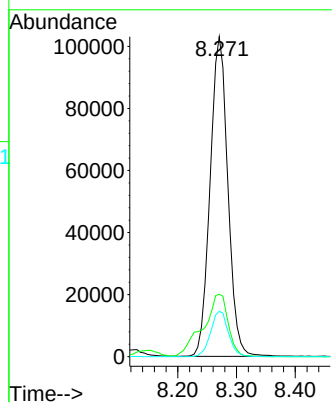
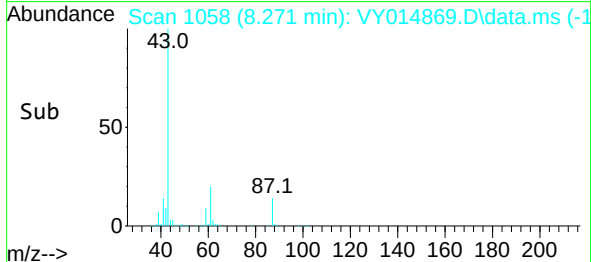
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 216052
Ion Ratio Lower Upper
43 100
61 27.6 21.1 31.7
87 14.3 9.8 14.8

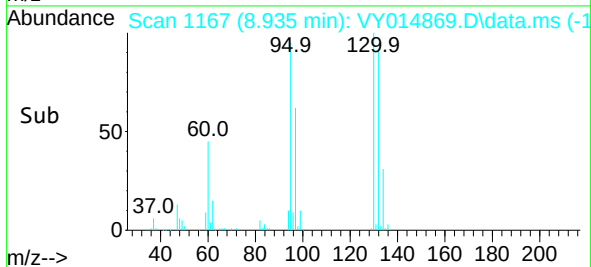
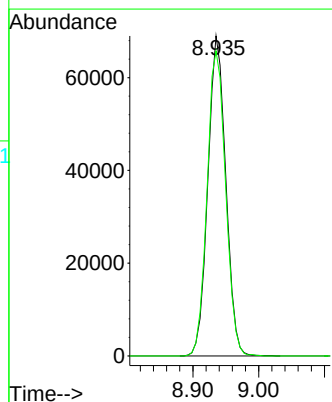
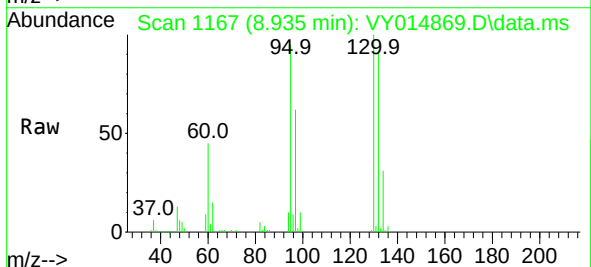
Manual Integrations
APPROVED

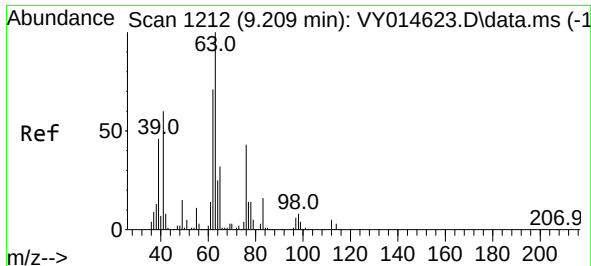
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#44
Trichloroethene
Concen: 49.650 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24

Tgt Ion:130 Resp: 130915
Ion Ratio Lower Upper
130 100
95 95.3 0.0 196.0





#45

1,2-Dichloropropane

Concen: 50.202 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY014869.D

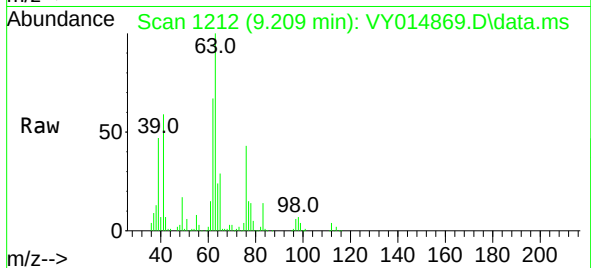
Acq: 27 Jul 2023 09:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion: 63 Resp: 123538

Ion Ratio Lower Upper

63 100

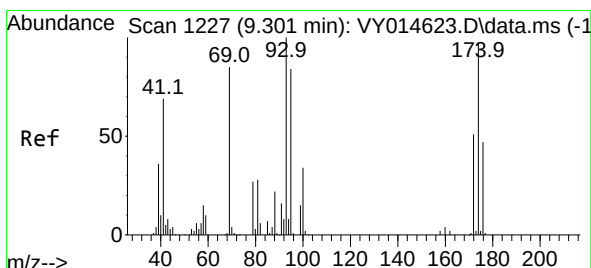
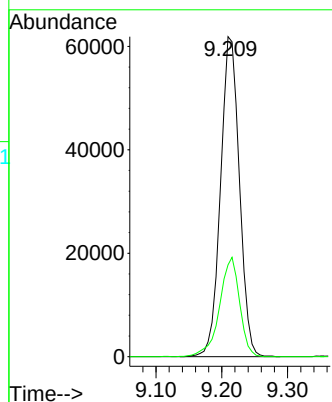
65 28.7 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#46

Dibromomethane

Concen: 52.436 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY014869.D

Acq: 27 Jul 2023 09:24

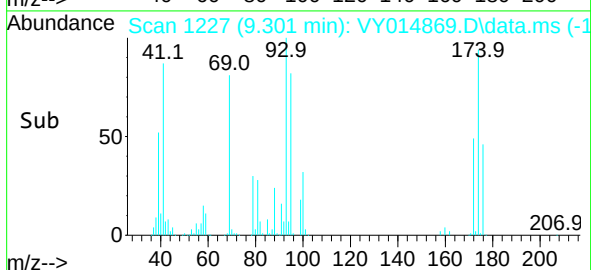
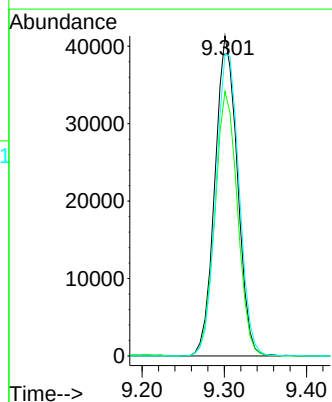
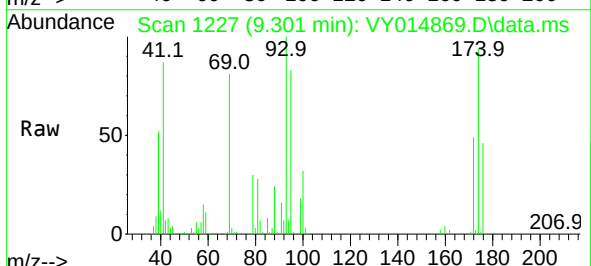
Tgt Ion: 93 Resp: 78280

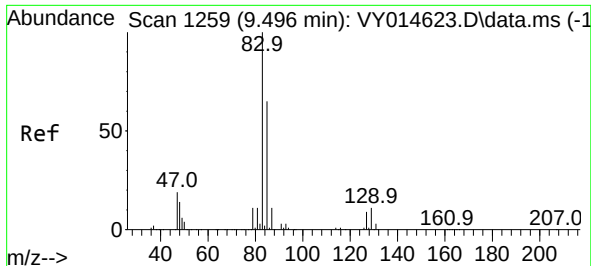
Ion Ratio Lower Upper

93 100

95 82.9 66.6 100.0

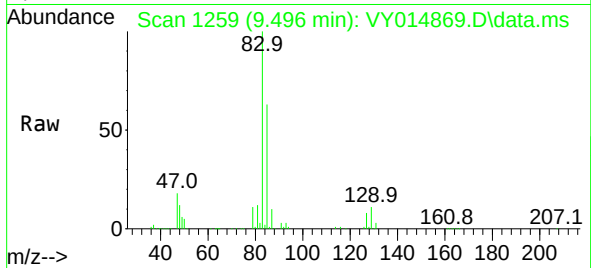
174 98.1 84.8 127.2





#47
Bromodichloromethane
Concen: 52.165 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24

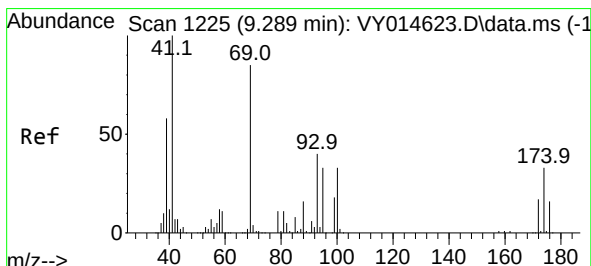
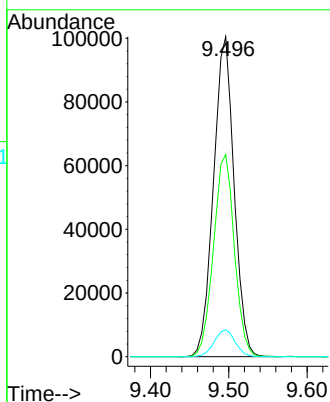
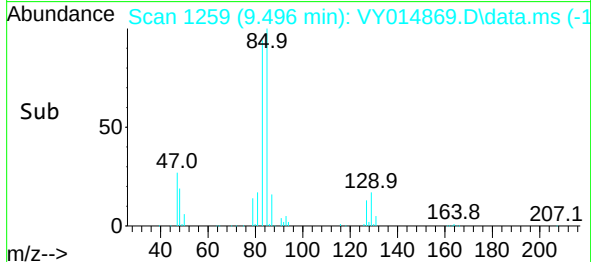
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



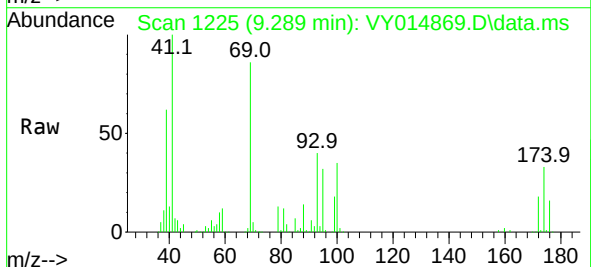
Tgt Ion: 83 Resp: 18354
Ion Ratio Lower Upper
83 100
85 63.2 50.1 75.1
127 8.4 7.1 10.7

Manual Integrations
APPROVED

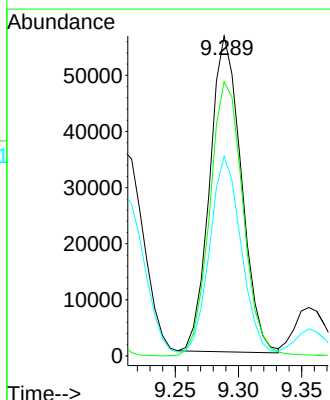
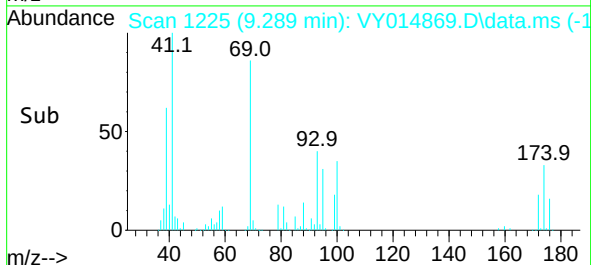
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

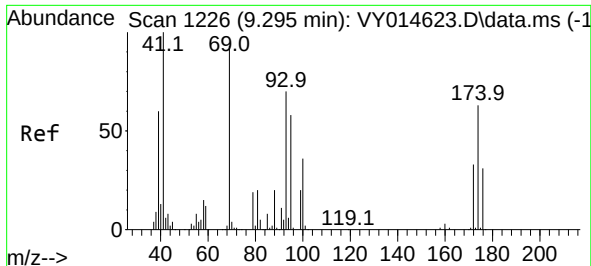


#48
Methyl methacrylate
Concen: 49.941 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24



Tgt Ion: 41 Resp: 97660
Ion Ratio Lower Upper
41 100
69 91.5 64.5 96.7
39 63.7 50.8 76.2





#49

1,4-Dioxane

Concen: 1094.919 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY014869.D

Acq: 27 Jul 2023 09:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 2665

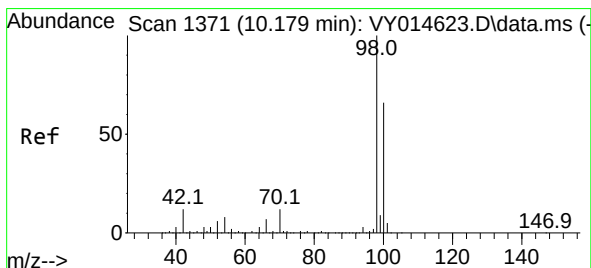
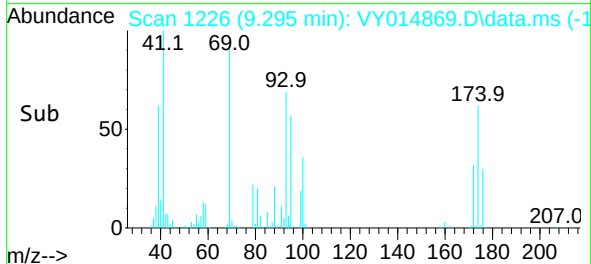
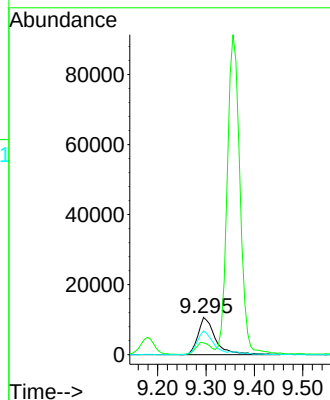
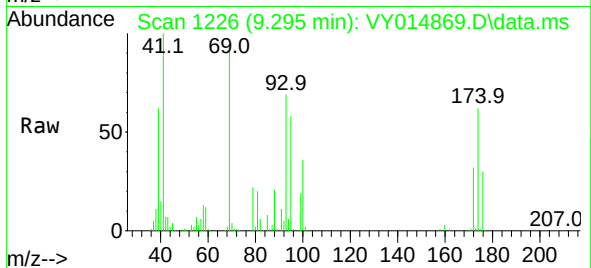
Ion	Ratio	Lower	Upper
88	100		
43	27.7	0.0	0.0
58	57.9	30.9	46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#50

Toluene-d8

Concen: 43.691 ug/l

RT: 10.179 min Scan# 1371

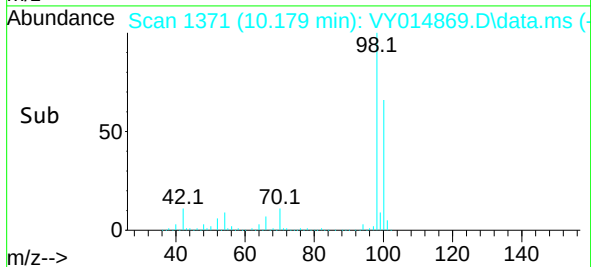
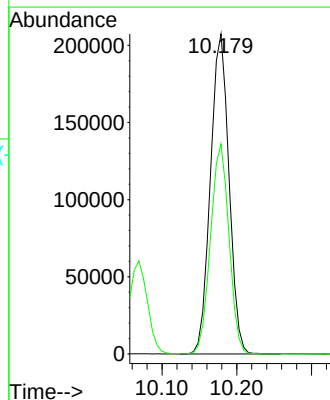
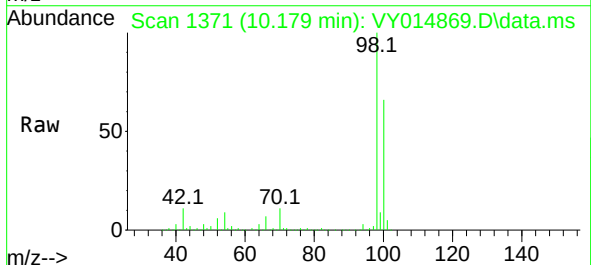
Delta R.T. -0.000 min

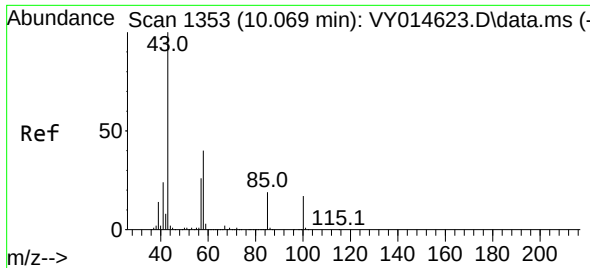
Lab File: VY014869.D

Acq: 27 Jul 2023 09:24

Tgt Ion: 98 Resp: 356915

Ion	Ratio	Lower	Upper
98	100		
100	65.4	50.1	75.1





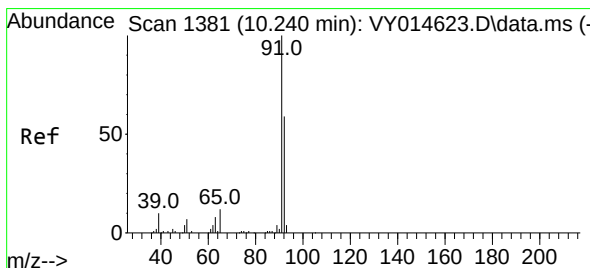
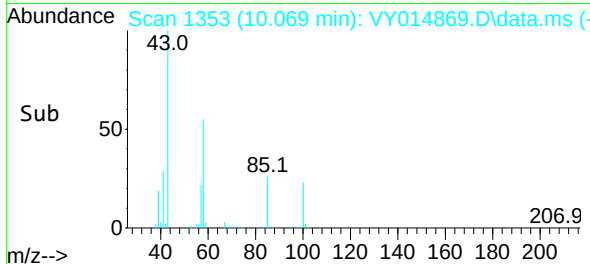
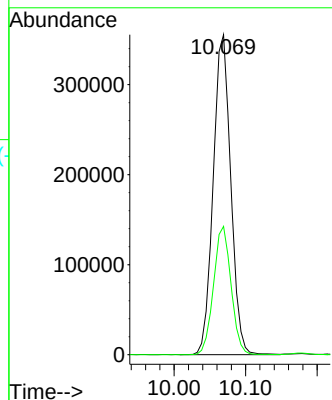
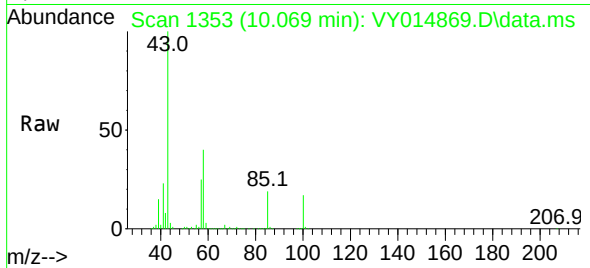
#51
4-Methyl-2-Pentanone
Concen: 265.136 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 604980
Ion Ratio Lower Upper
43 100
58 40.1 29.0 43.6

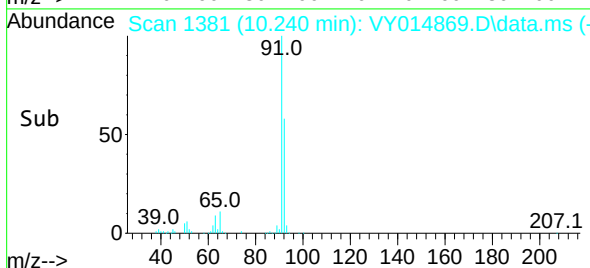
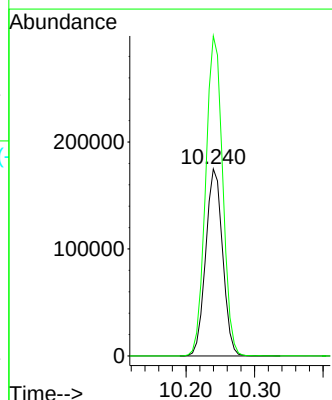
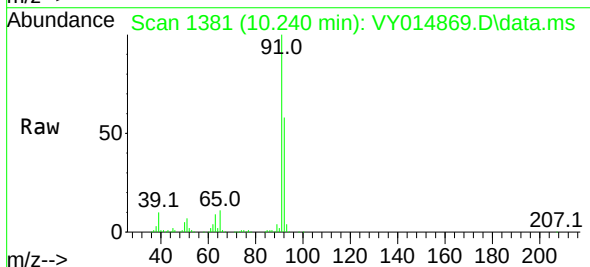
Manual Integrations
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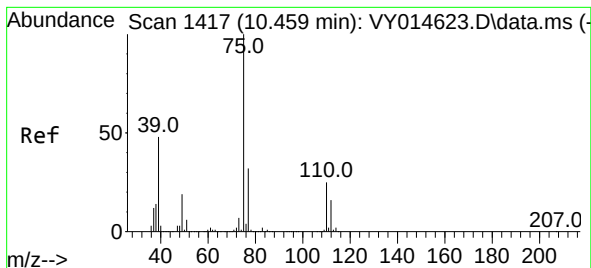
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#52
Toluene
Concen: 49.928 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24

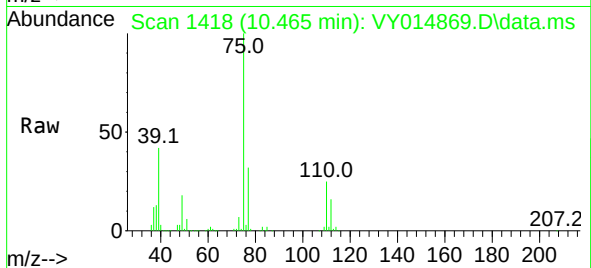
Tgt Ion: 92 Resp: 301088
Ion Ratio Lower Upper
92 100
91 171.9 143.8 215.6





#53
t-1,3-Dichloropropene
Concen: 50.424 ug/l
RT: 10.465 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24

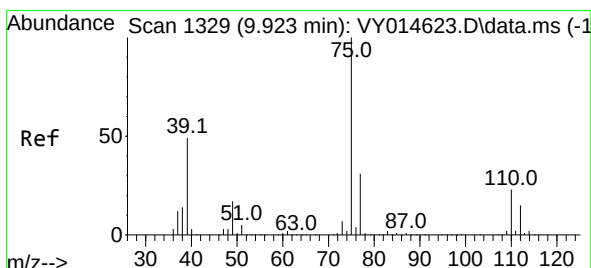
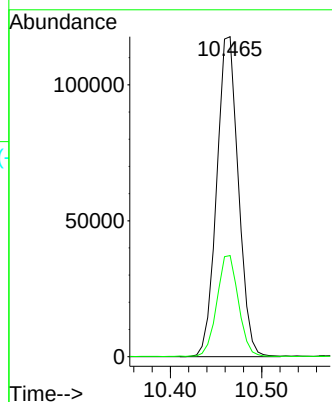
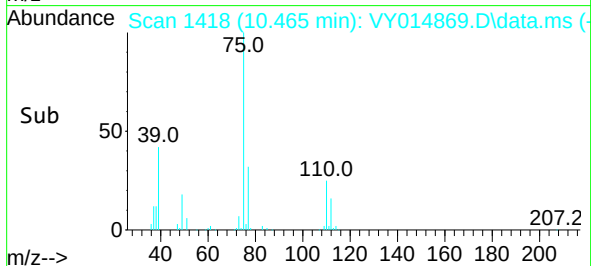
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 194060
Ion Ratio Lower Upper
75 100
77 31.5 25.0 37.4

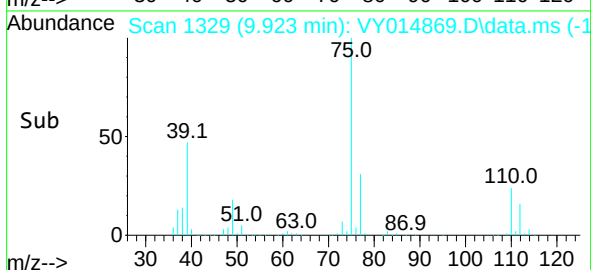
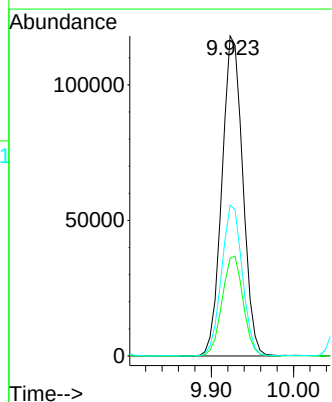
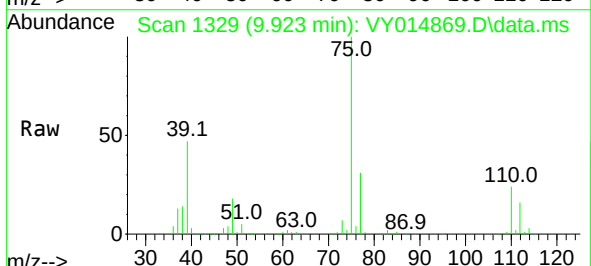
Manual Integrations
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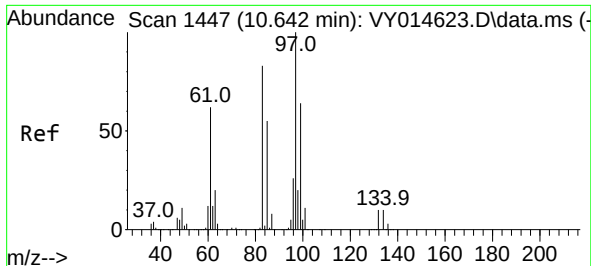
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#54
cis-1,3-Dichloropropene
Concen: 49.763 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24

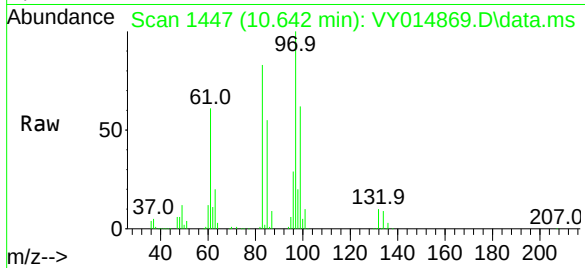
Tgt Ion: 75 Resp: 208276
Ion Ratio Lower Upper
75 100
77 30.5 24.2 36.4
39 47.1 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 52.322 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24

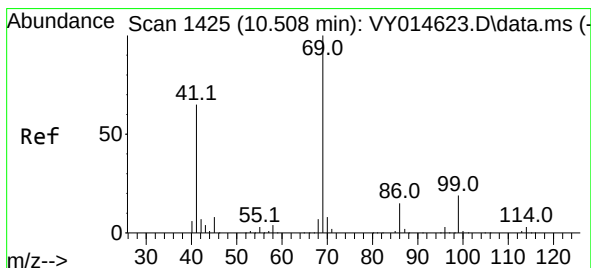
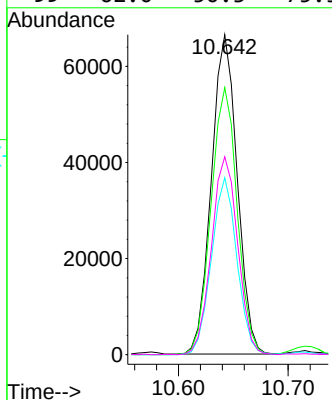
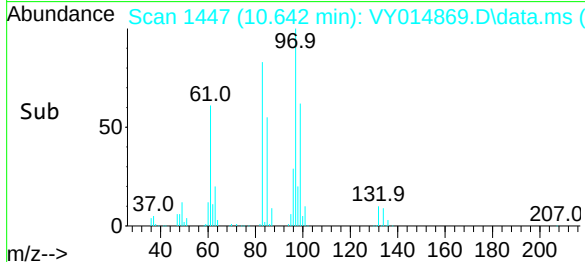
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



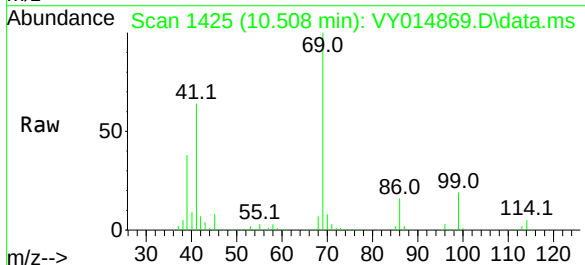
Tgt Ion: 97 Resp: 108800
Ion Ratio Lower Upper
97 100
83 83.4 72.0 108.0
85 55.4 45.4 68.0
99 62.0 50.3 75.5

Manual Integrations
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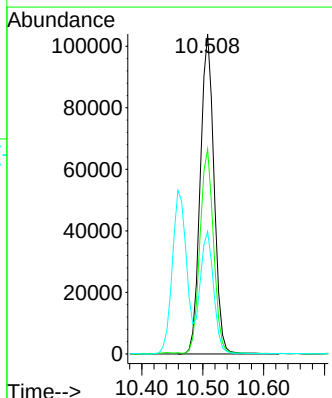
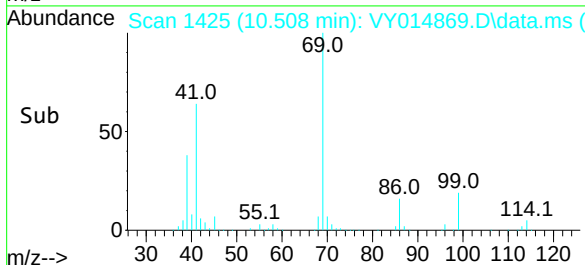
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

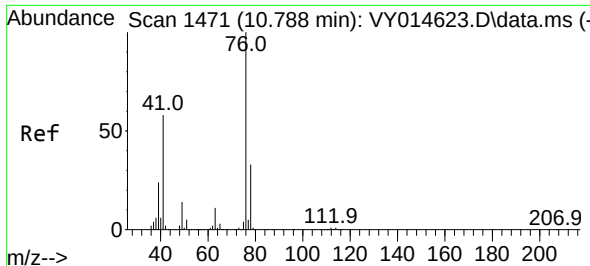


#56
Ethyl methacrylate
Concen: 51.322 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24



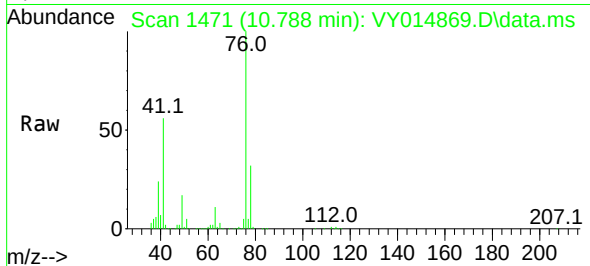
Tgt Ion: 69 Resp: 162949
Ion Ratio Lower Upper
69 100
41 63.1 57.6 86.4
39 37.7 34.1 51.1





#57
1,3-Dichloropropane
Concen: 51.728 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24

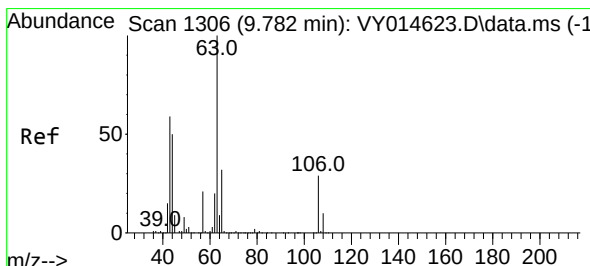
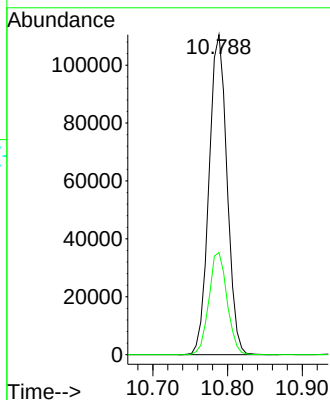
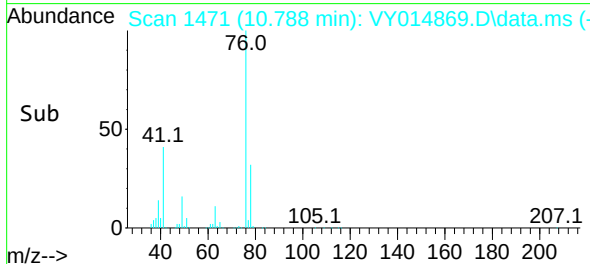
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 185530
Ion Ratio Lower Upper
76 100
78 32.1 25.3 37.9

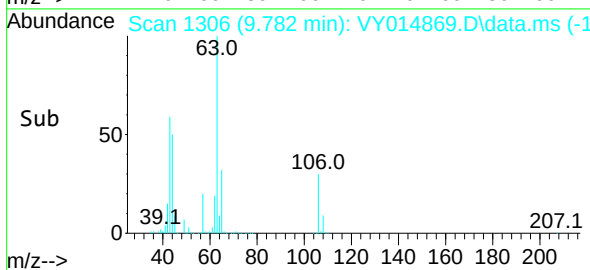
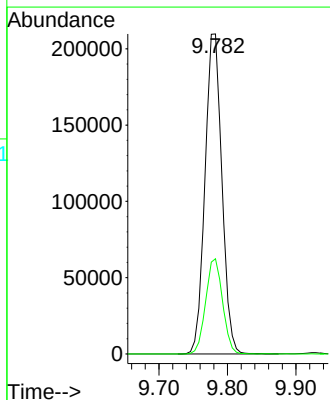
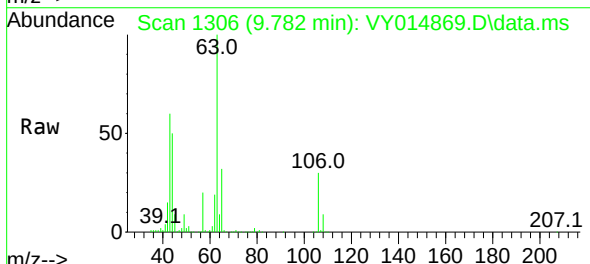
Manual Integrations
APPROVED

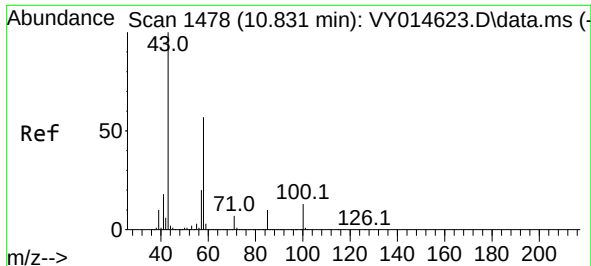
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#58
2-Chloroethyl Vinyl ether
Concen: 243.734 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24

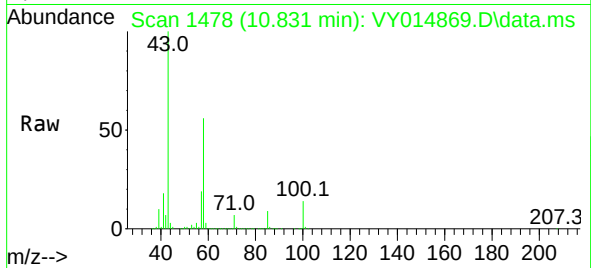
Tgt Ion: 63 Resp: 360580
Ion Ratio Lower Upper
63 100
106 29.7 21.2 31.8





#59
2-Hexanone
Concen: 259.843 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24

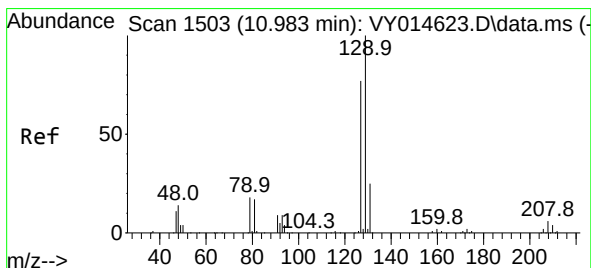
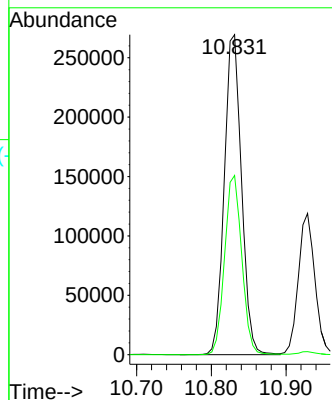
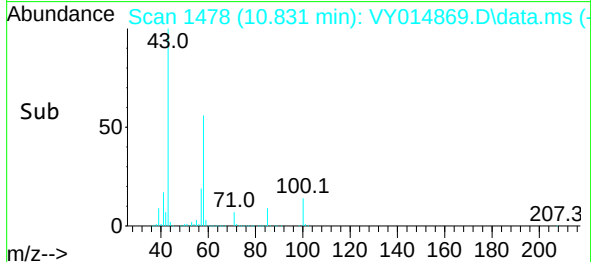
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 43237
Ion Ratio Lower Upper
43 100
58 55.9 25.1 75.3

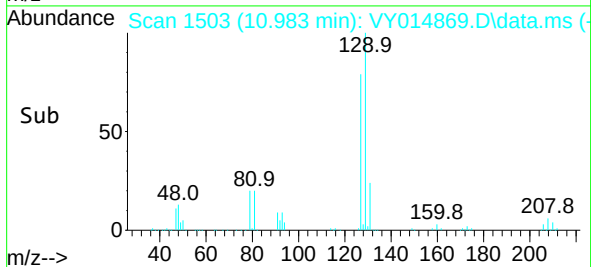
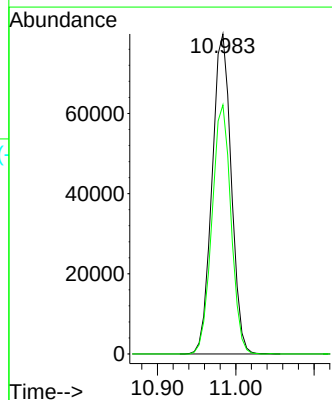
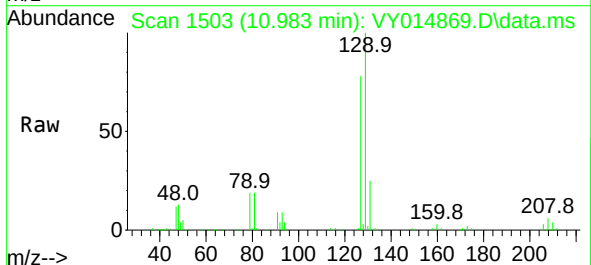
Manual Integrations
APPROVED

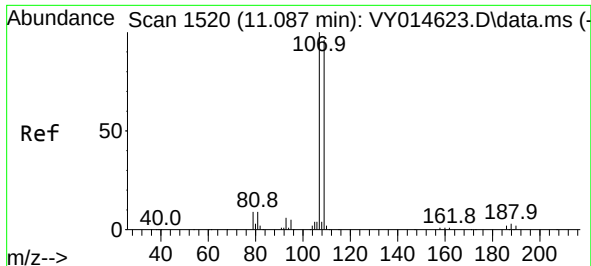
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#60
Dibromochloromethane
Concen: 53.213 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24

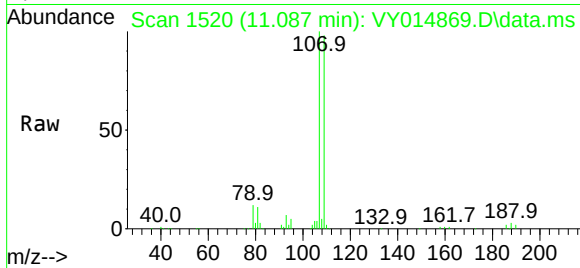
Tgt Ion:129 Resp: 135674
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5





#61
1,2-Dibromoethane
Concen: 51.918 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24

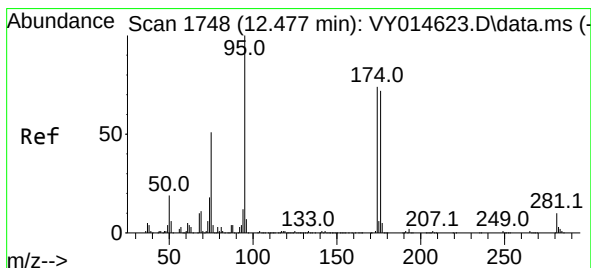
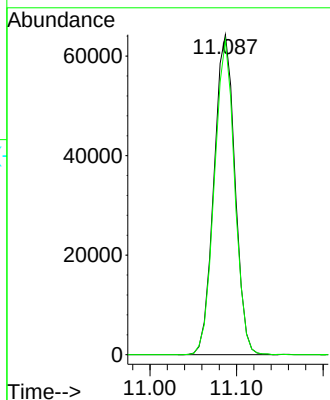
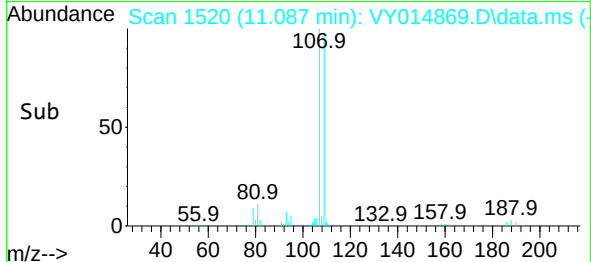
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 107704
Ion Ratio Lower Upper
107 100
109 95.6 75.6 113.4

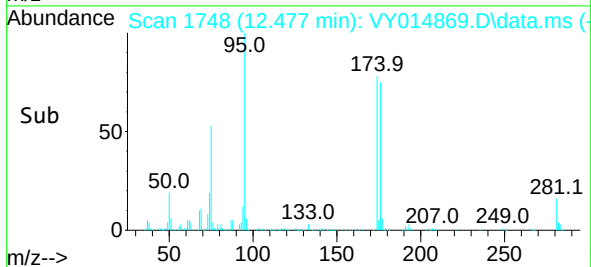
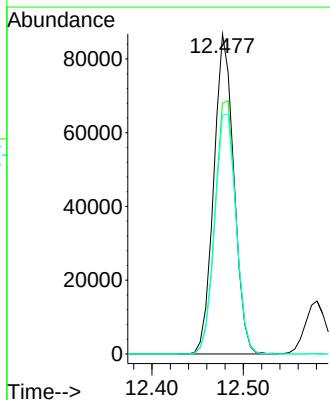
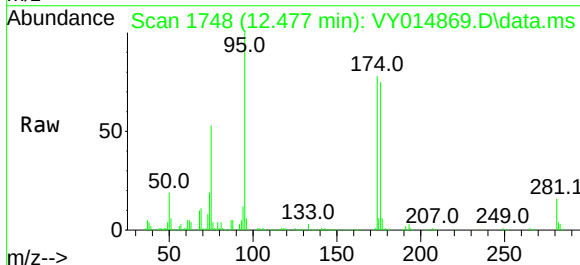
Manual Integrations
APPROVED

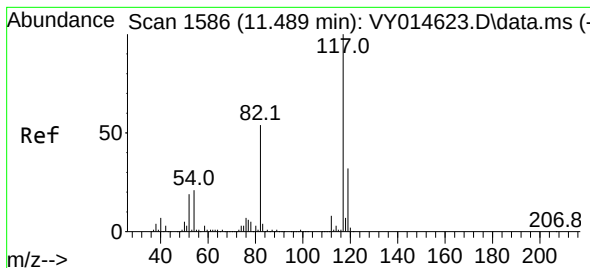
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#62
4-Bromofluorobenzene
Concen: 42.340 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24

Tgt Ion: 95 Resp: 132622
Ion Ratio Lower Upper
95 100
174 82.3 0.0 178.2
176 79.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY014869.D

Acq: 27 Jul 2023 09:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:117 Resp: 31547

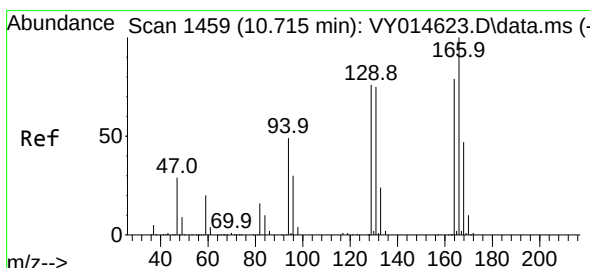
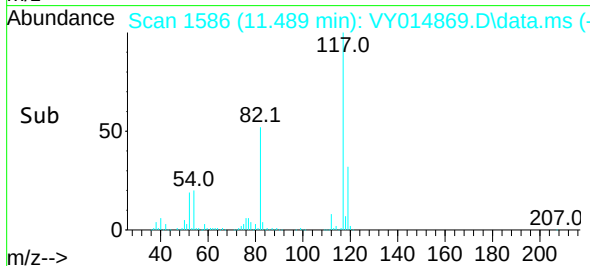
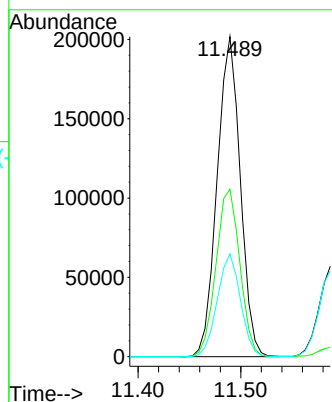
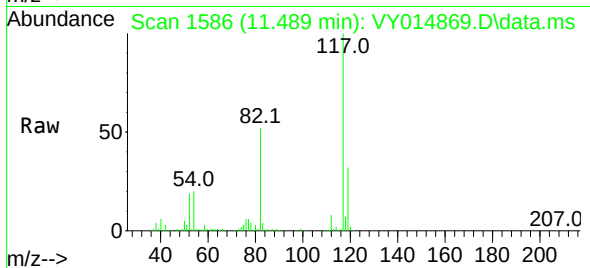
Ion	Ratio	Lower	Upper
117	100		
82	52.3	43.4	65.0
119	32.2	26.3	39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#64

Tetrachloroethene

Concen: 50.645 ug/l

RT: 10.715 min Scan# 1459

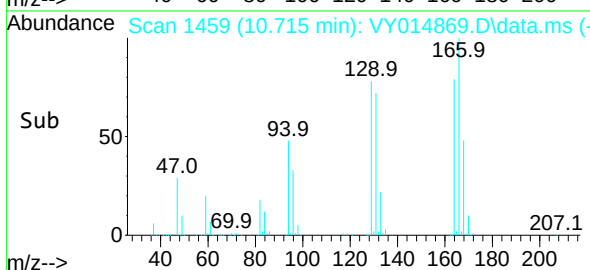
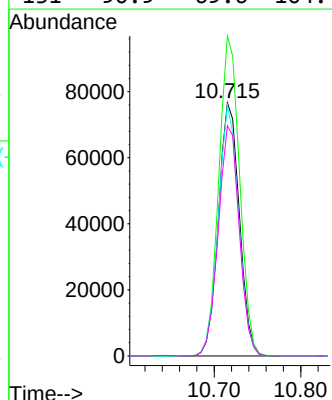
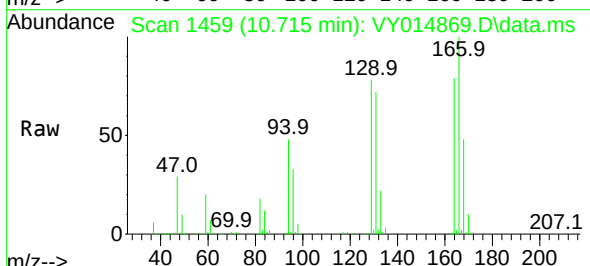
Delta R.T. 0.000 min

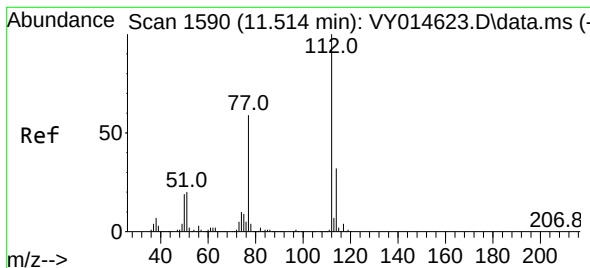
Lab File: VY014869.D

Acq: 27 Jul 2023 09:24

Tgt Ion:164 Resp: 128499

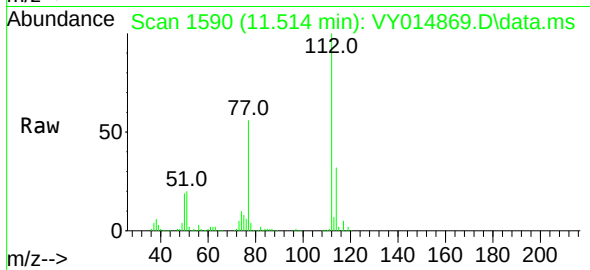
Ion	Ratio	Lower	Upper
164	100		
166	126.4	103.0	154.6
129	99.1	77.2	115.8
131	90.9	69.6	104.4





#65
Chlorobenzene
Concen: 49.820 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24

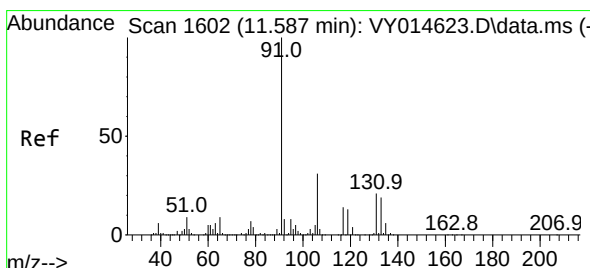
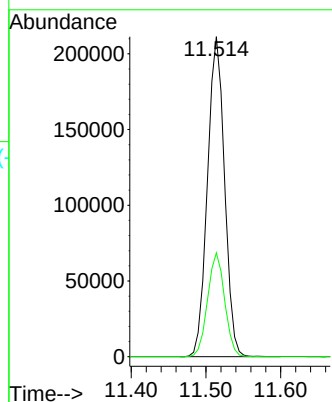
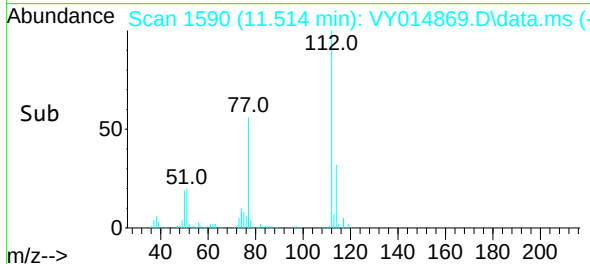
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 334920
Ion Ratio Lower Upper
112 100
114 32.5 25.5 38.3

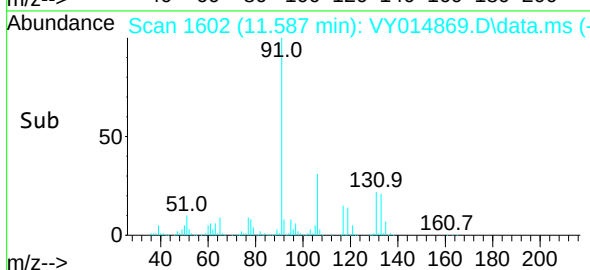
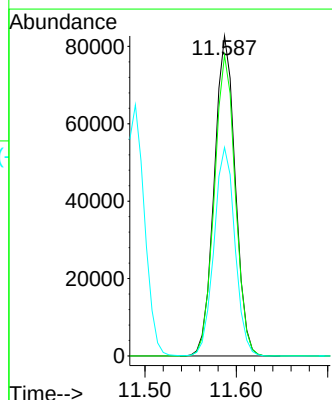
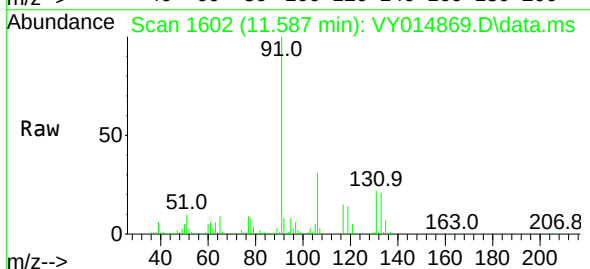
Manual Integrations
APPROVED

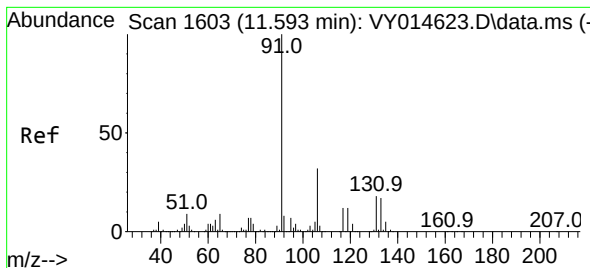
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 52.014 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24

Tgt Ion:131 Resp: 131841
Ion Ratio Lower Upper
131 100
133 93.9 47.5 142.6
119 65.0 31.6 94.7





#67

Ethyl Benzene

Concen: 48.601 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014869.D

Acq: 27 Jul 2023 09:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 589909

Ion Ratio Lower Upper

91 100

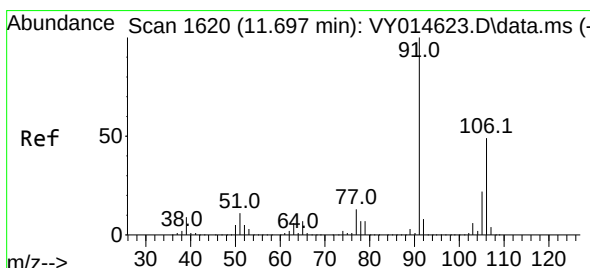
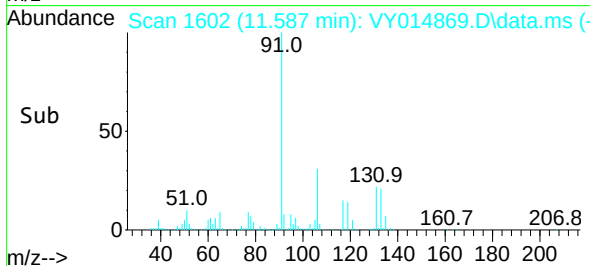
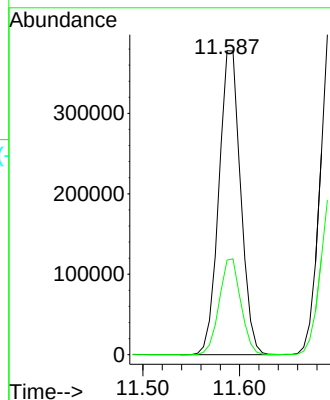
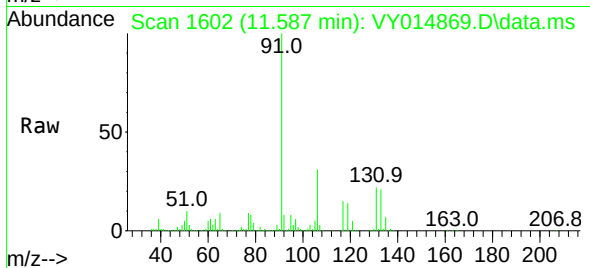
106 31.1 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#68

m/p-Xylenes

Concen: 97.468 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY014869.D

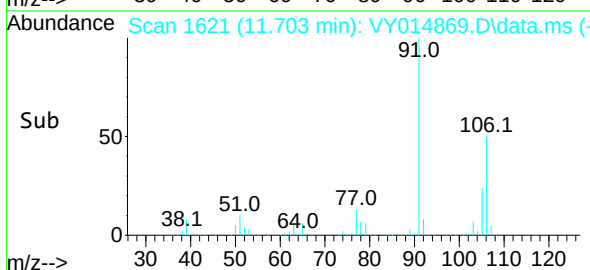
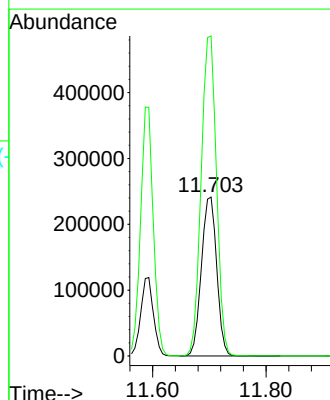
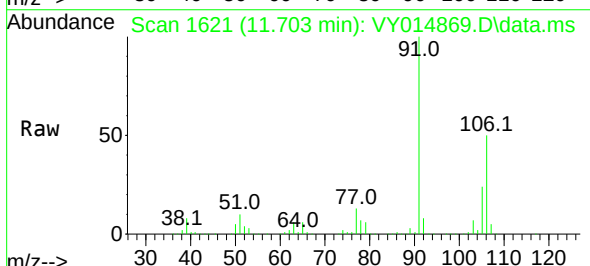
Acq: 27 Jul 2023 09:24

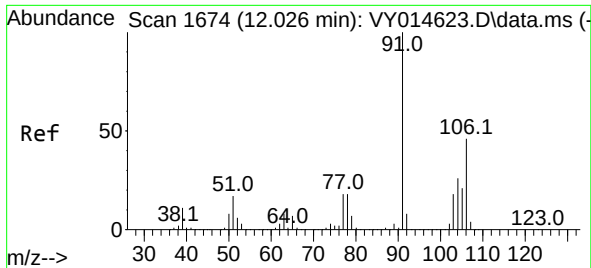
Tgt Ion:106 Resp: 451602

Ion Ratio Lower Upper

106 100

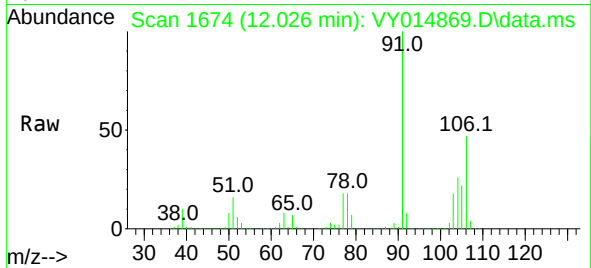
91 201.1 166.1 249.1





#69
o-Xylene
Concen: 49.636 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24

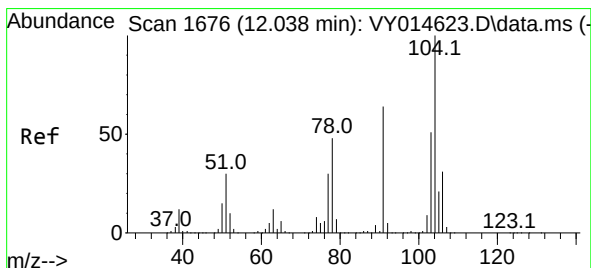
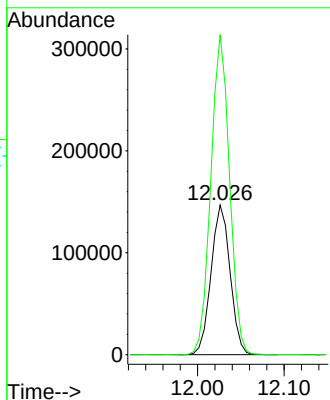
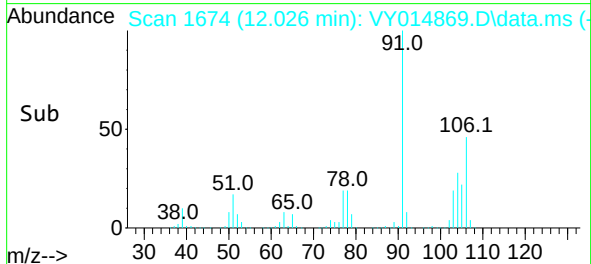
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



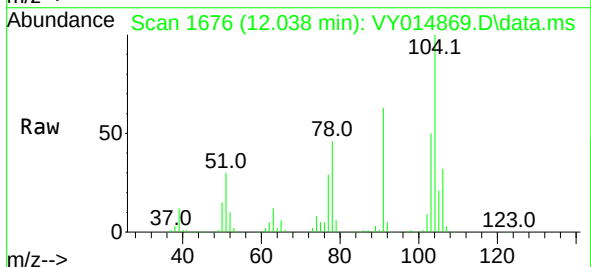
Tgt Ion:106 Resp: 224000
Ion Ratio Lower Upper
106 100
91 210.6 108.1 324.3

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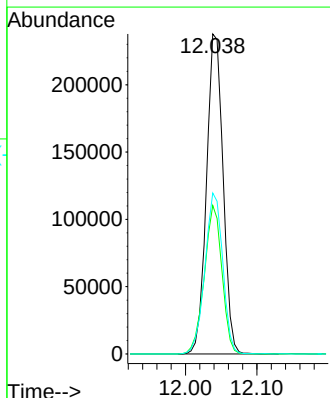
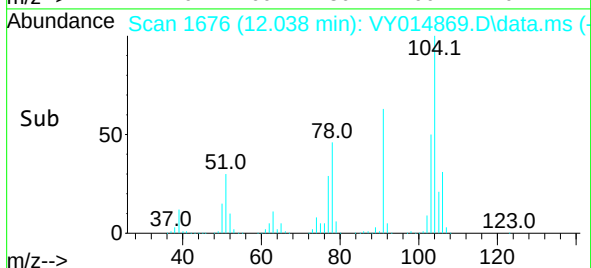
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

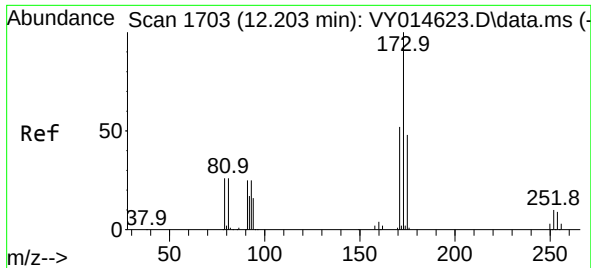


#70
Styrene
Concen: 50.290 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24



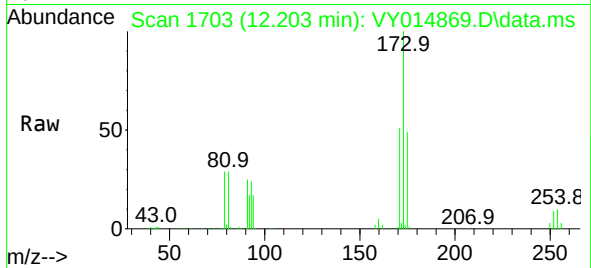
Tgt Ion:104 Resp: 382511
Ion Ratio Lower Upper
104 100
78 49.4 41.5 62.3
103 54.2 44.6 67.0





#71
Bromoform
Concen: 51.473 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24

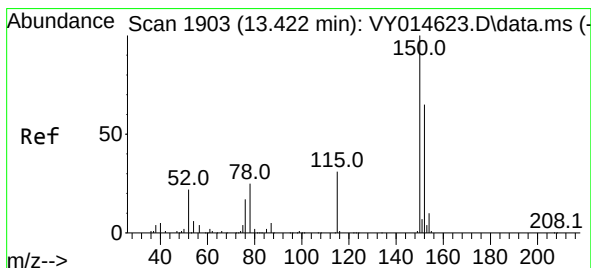
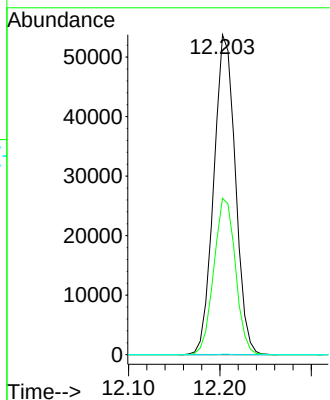
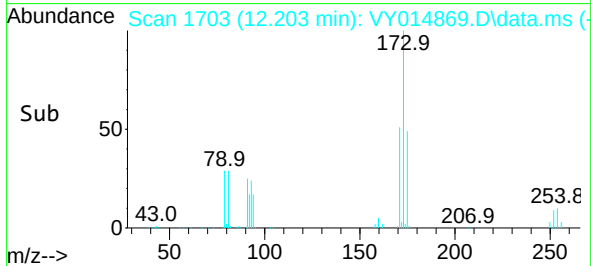
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



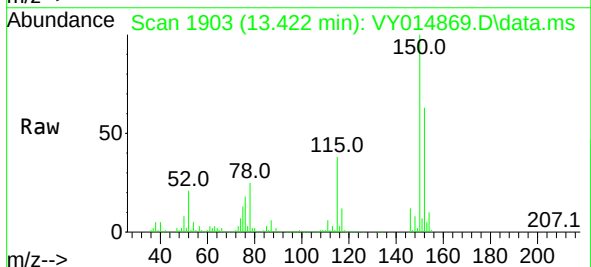
Tgt Ion:173 Resp: 8843
Ion Ratio Lower Upper
173 100
175 48.9 24.6 73.8
254 0.1 0.2 0.2

Manual Integrations
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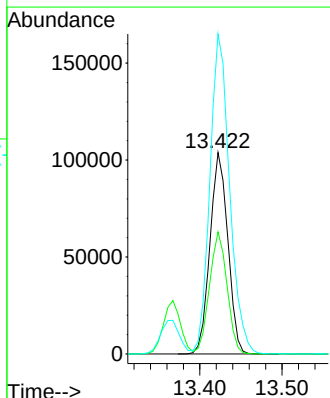
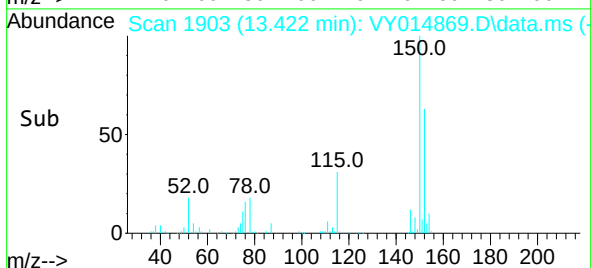
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

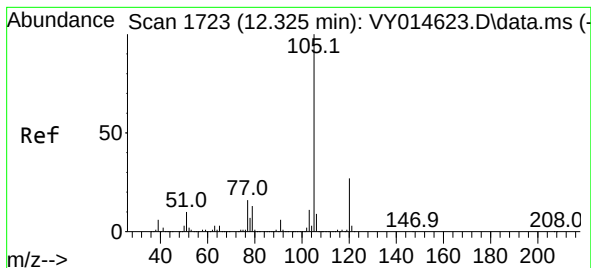


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24



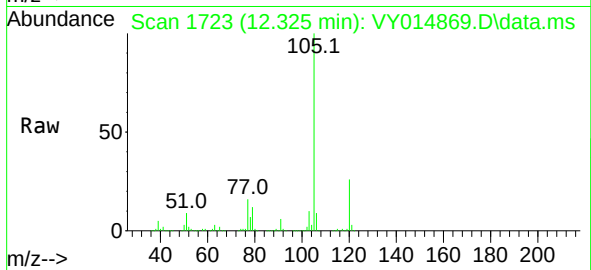
Tgt Ion:152 Resp: 156943
Ion Ratio Lower Upper
152 100
115 59.5 28.8 86.5
150 174.8 0.0 348.8





#73
Isopropylbenzene
Concen: 47.430 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24

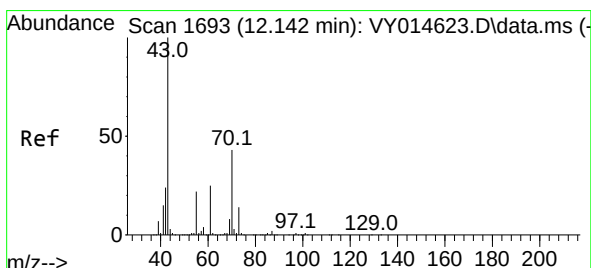
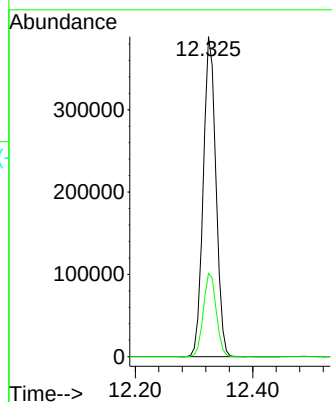
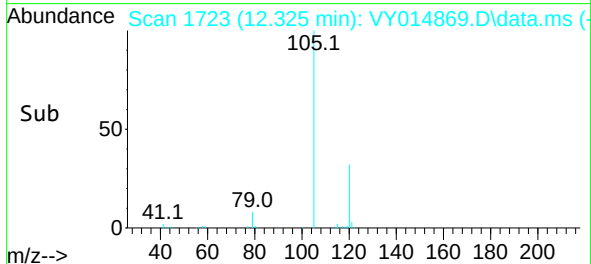
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 582850
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9

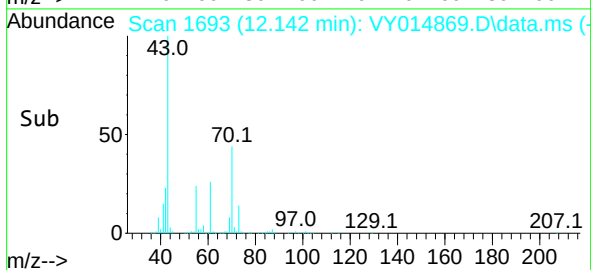
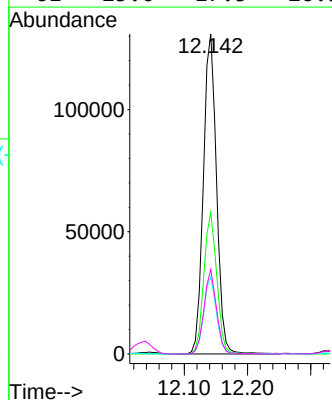
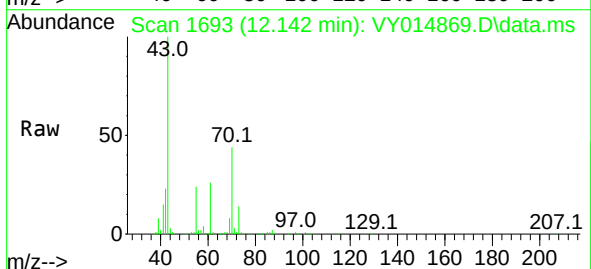
Manual Integrations
APPROVED

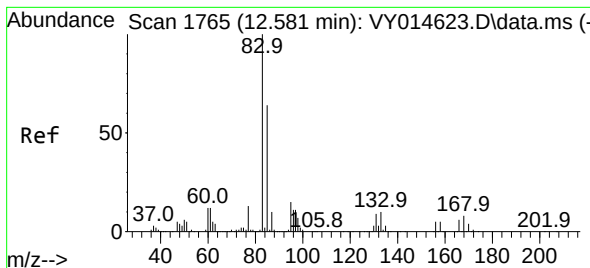
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#74
N-ethyl acetate
Concen: 46.174 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24

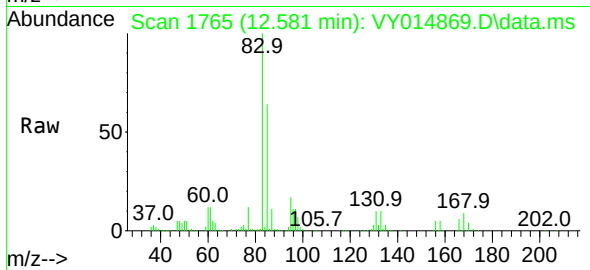
Tgt Ion: 43 Resp: 190041
Ion Ratio Lower Upper
43 100
70 43.7 29.7 44.5
55 23.5 18.3 27.5
61 25.0 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 49.427 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24

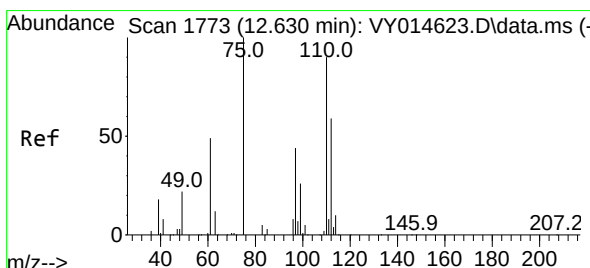
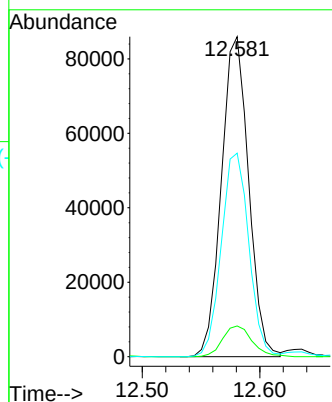
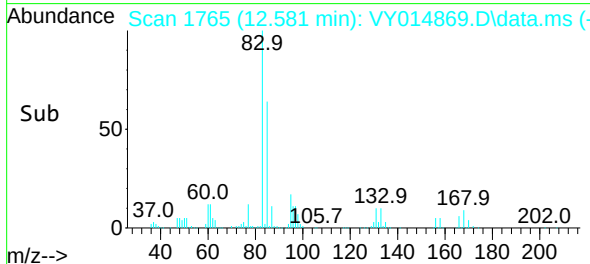
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



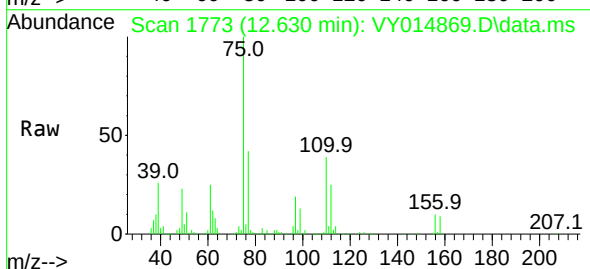
Tgt Ion: 83 Resp: 13851
Ion Ratio Lower Upper
83 100
131 10.4 5.4 16.2
85 64.3 31.8 95.4

Manual Integrations
APPROVED

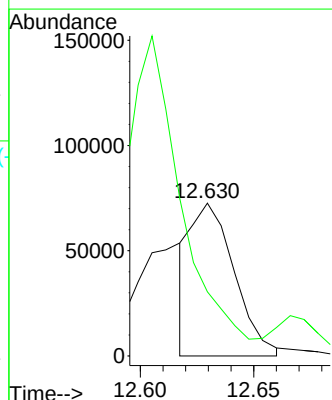
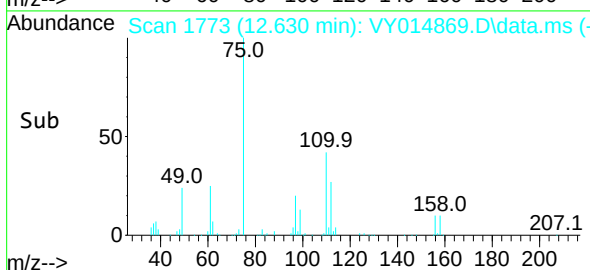
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

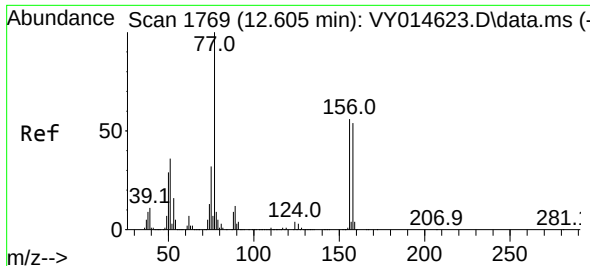


#76
1,2,3-Trichloropropane
Concen: 49.073 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24



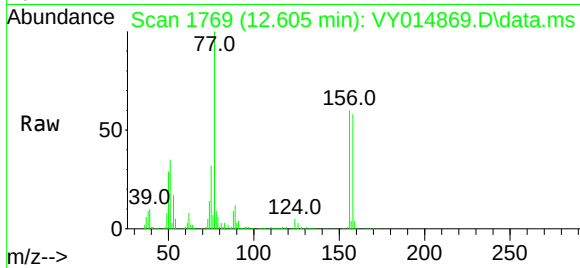
Tgt Ion: 75 Resp: 97269
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 50.032 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24

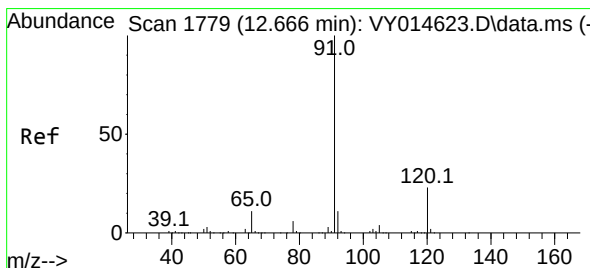
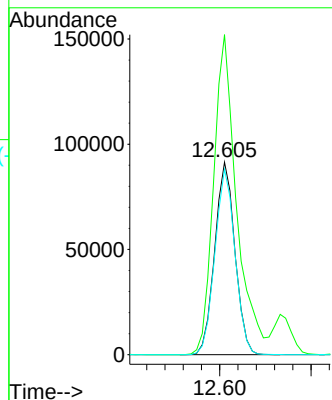
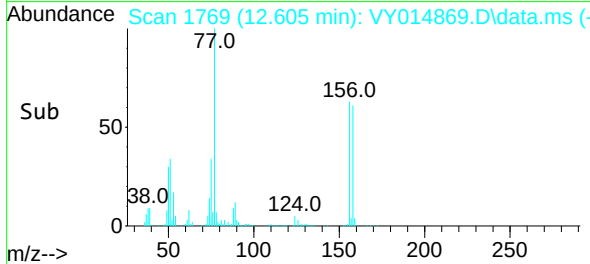
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



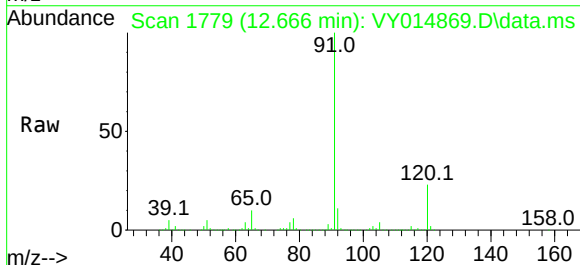
Tgt Ion:156 Resp: 140349
Ion Ratio Lower Upper
156 100
77 188.1 92.8 278.6
158 96.1 48.4 145.3

Manual Integrations
APPROVED

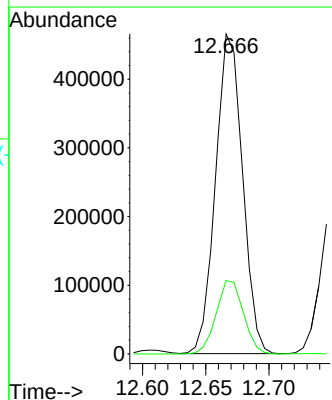
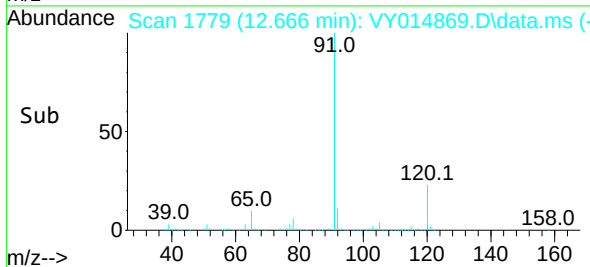
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

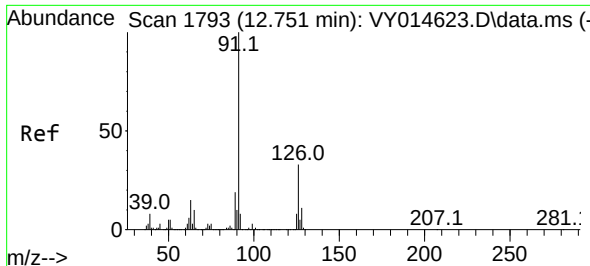


#78
n-propylbenzene
Concen: 46.520 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24



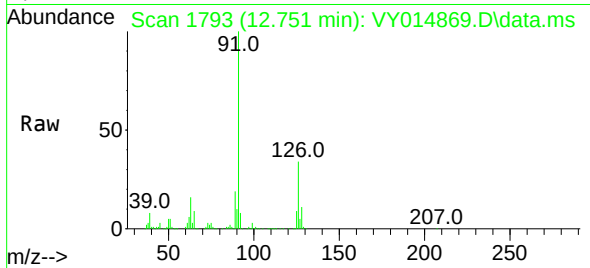
Tgt Ion: 91 Resp: 688867
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.4





#79
2-Chlorotoluene
Concen: 47.014 ug/l
RT: 12.751 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24

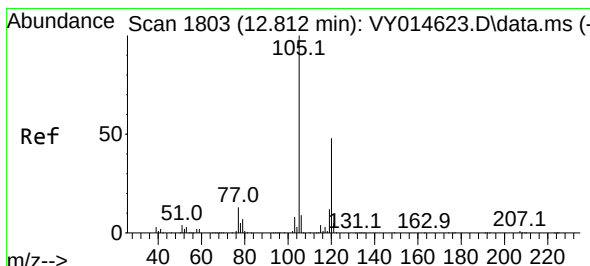
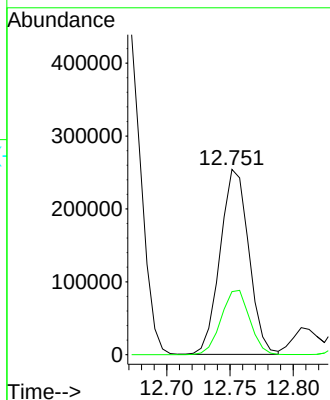
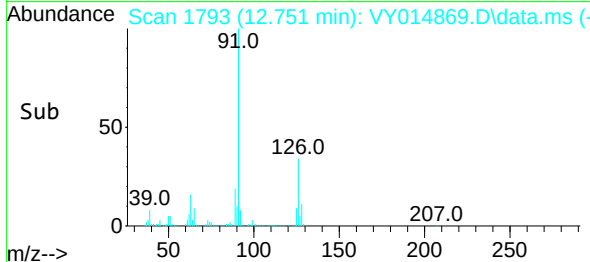
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



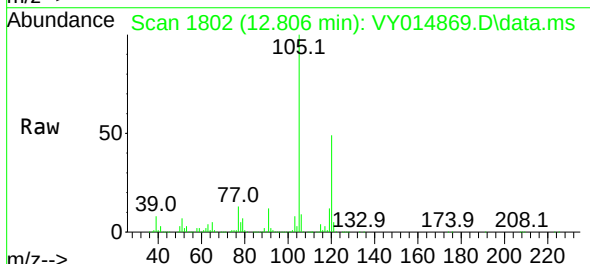
Tgt Ion: 91 Resp: 40098
Ion Ratio Lower Upper
91 100
126 34.7 17.3 51.7

Manual Integrations
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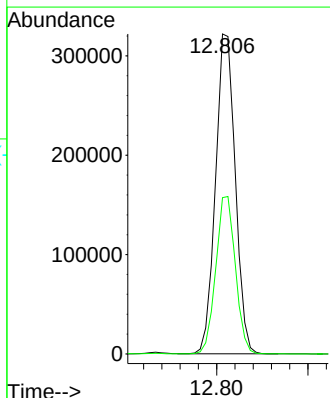
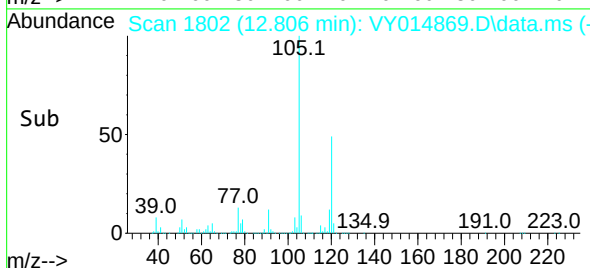
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

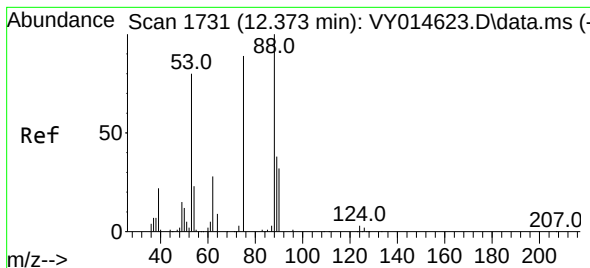


#80
1,3,5-Trimethylbenzene
Concen: 47.242 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24



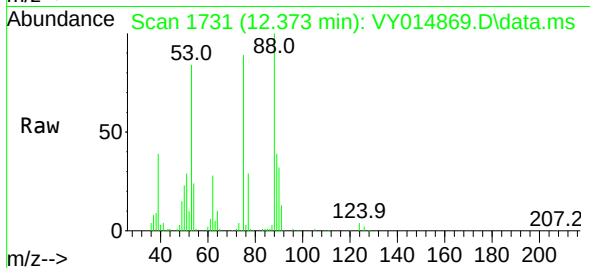
Tgt Ion:105 Resp: 484837
Ion Ratio Lower Upper
105 100
120 49.0 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 46.366 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24

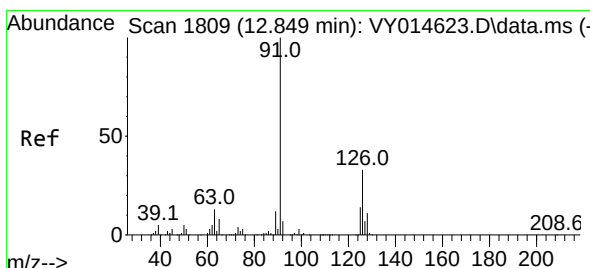
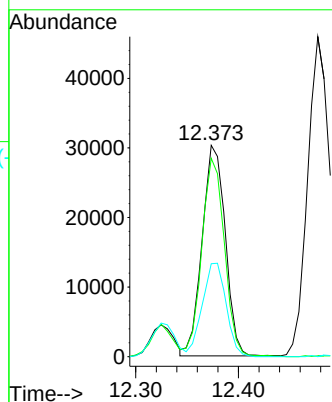
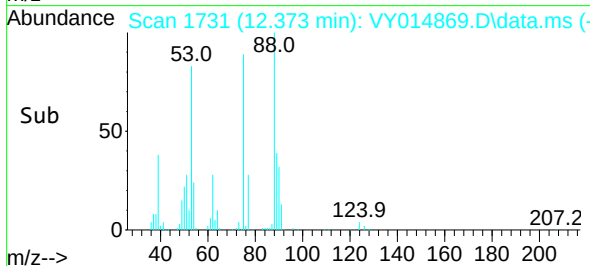
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 4746
Ion Ratio Lower Upper
75 100
53 92.5 77.8 116.8
89 45.5 37.4 56.0

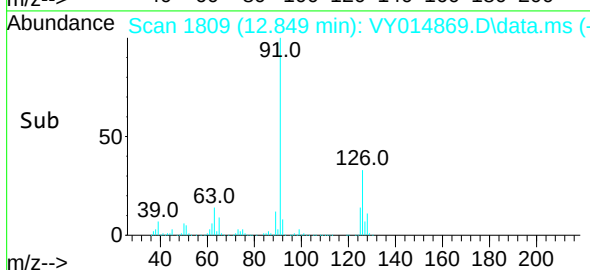
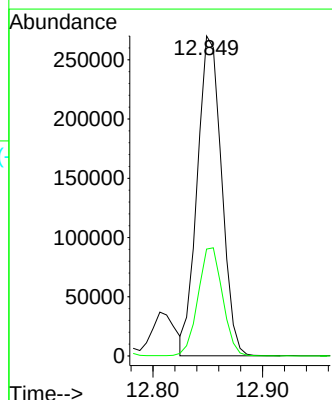
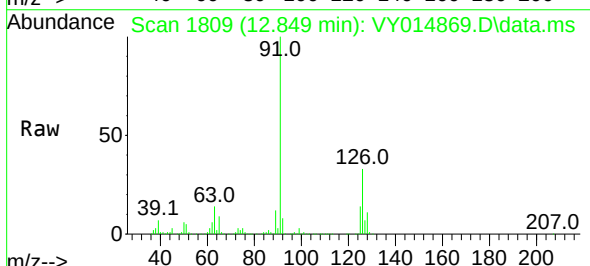
Manual Integrations
APPROVED

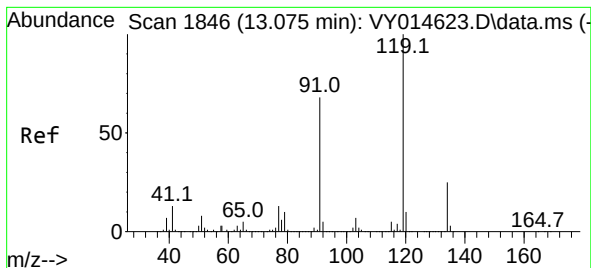
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#82
4-Chlorotoluene
Concen: 47.197 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24

Tgt Ion: 91 Resp: 414590
Ion Ratio Lower Upper
91 100
126 34.3 17.2 51.6





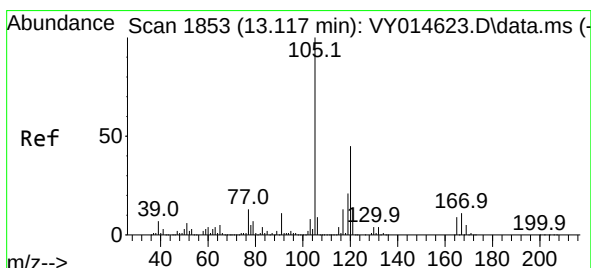
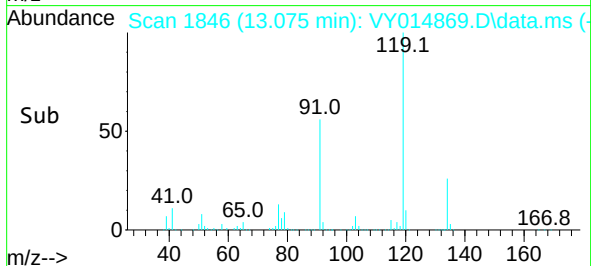
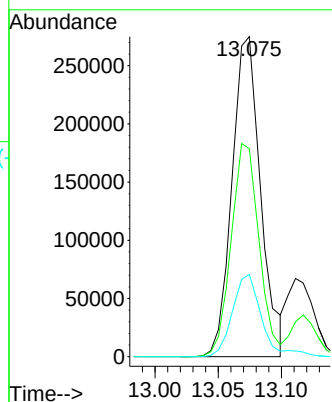
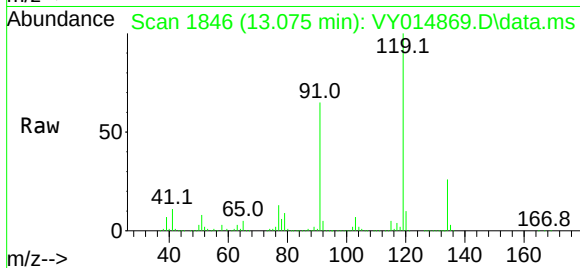
#83
tert-Butylbenzene
Concen: 47.557 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 43295
Ion Ratio Lower Upper
119 100
91 64.8 32.9 98.6
134 26.2 13.0 38.9

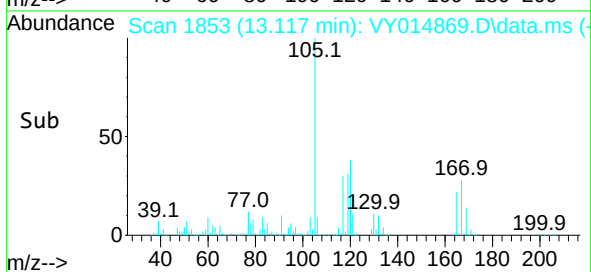
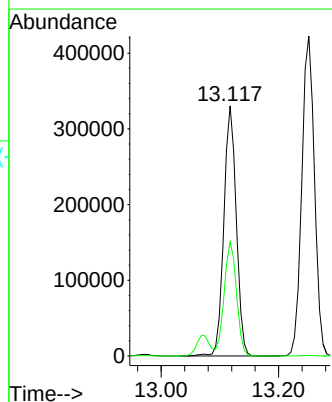
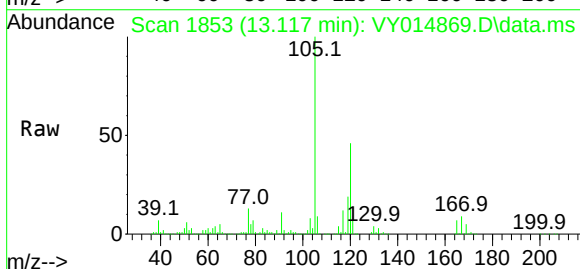
Manual Integrations
APPROVED

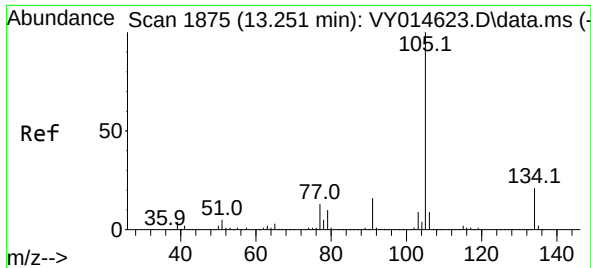
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#84
1,2,4-Trimethylbenzene
Concen: 48.160 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24

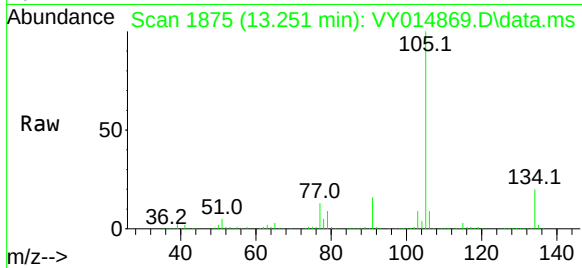
Tgt Ion:105 Resp: 485059
Ion Ratio Lower Upper
105 100
120 45.0 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 47.226 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY014869.D
 Acq: 27 Jul 2023 09:24

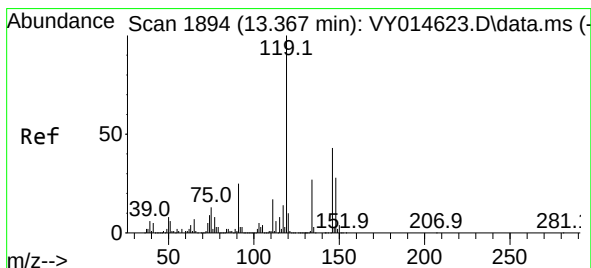
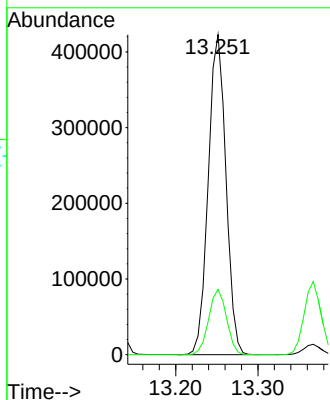
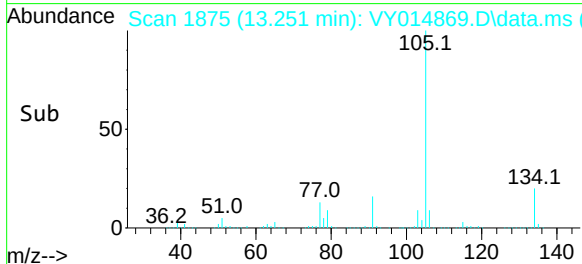
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



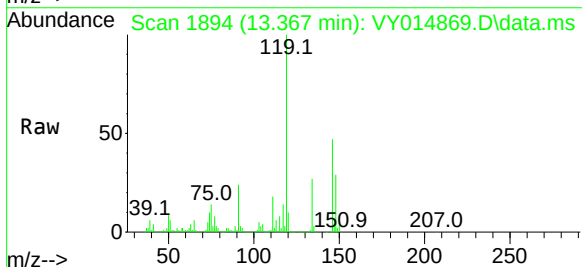
Tgt Ion:105 Resp: 630690
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.6

Manual Integrations
 APPROVED

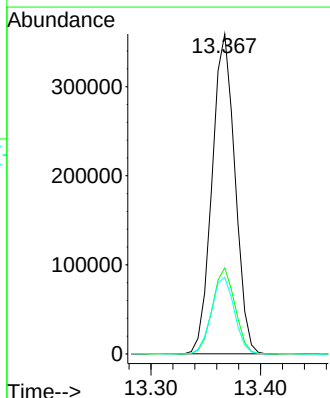
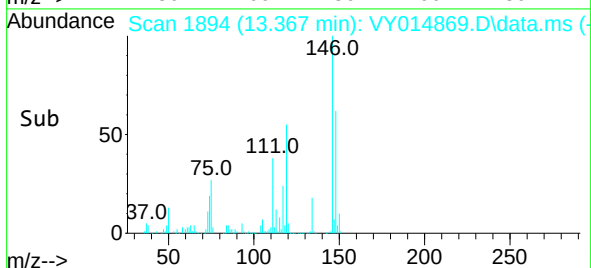
Reviewed By :John Carlone 07/28/2023
 Supervised By :Mahesh Dadoda 07/28/2023

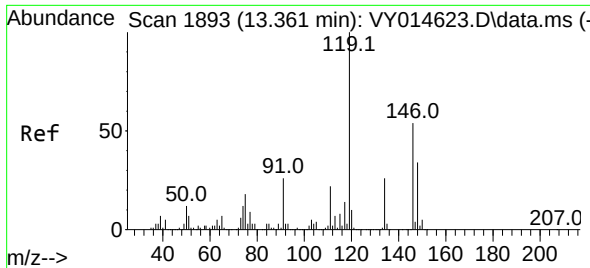


#86
 p-Isopropyltoluene
 Concen: 47.783 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY014869.D
 Acq: 27 Jul 2023 09:24



Tgt Ion:119 Resp: 521010
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 24.1 12.4 37.4





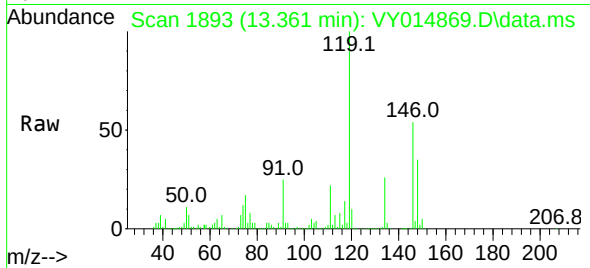
#87
 1,3-Dichlorobenzene
 Concen: 50.223 ug/l
 RT: 13.361 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VY014869.D
 Acq: 27 Jul 2023 09:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



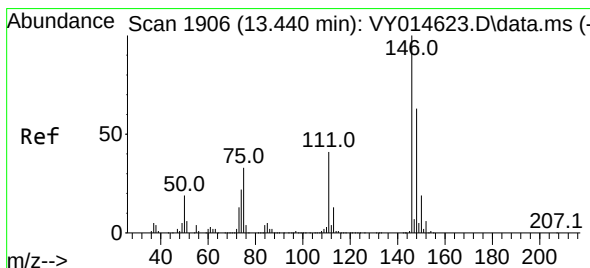
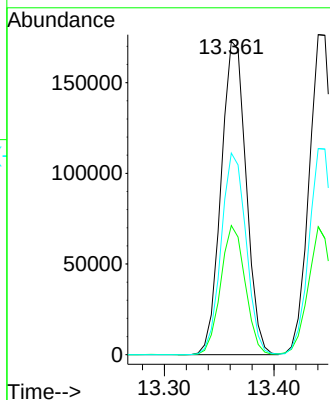
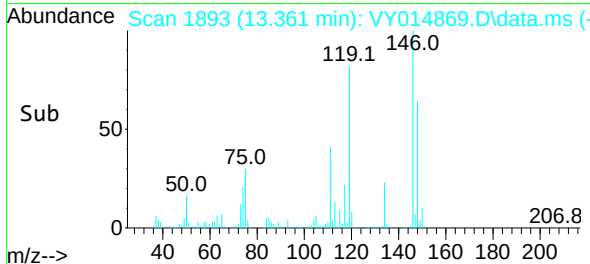
Tgt Ion:146 Resp: 27419
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.4 58.2
 148 64.0 31.9 95.5

Manual Integrations

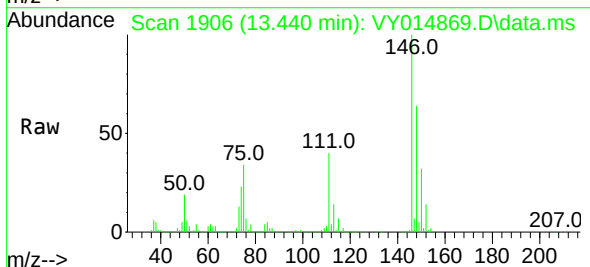
APPROVED

Reviewed By :John Carlone 07/28/2023

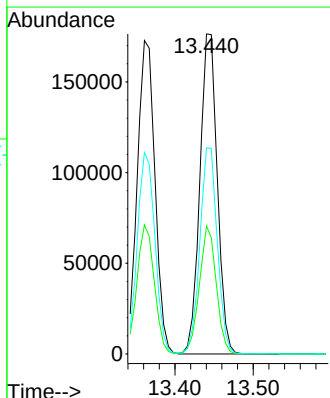
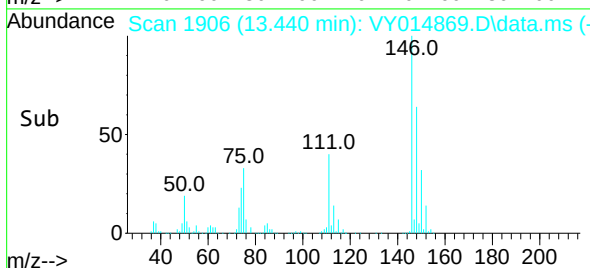
Supervised By :Mahesh Dadoda 07/28/2023

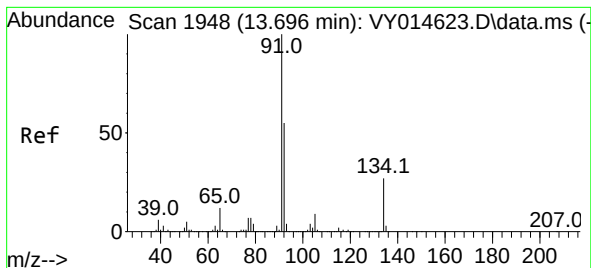


#88
 1,4-Dichlorobenzene
 Concen: 49.858 ug/l
 RT: 13.440 min Scan# 1906
 Delta R.T. 0.000 min
 Lab File: VY014869.D
 Acq: 27 Jul 2023 09:24



Tgt Ion:146 Resp: 272762
 Ion Ratio Lower Upper
 146 100
 111 38.7 18.9 56.7
 148 64.5 32.1 96.5





#89

n-Butylbenzene

Concen: 46.132 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY014869.D

Acq: 27 Jul 2023 09:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

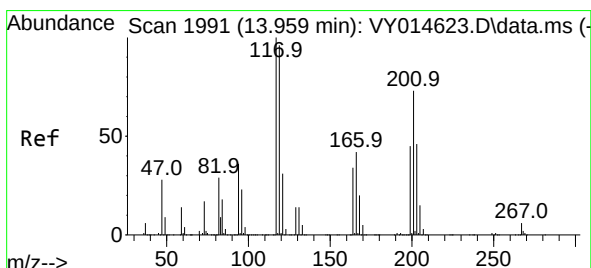
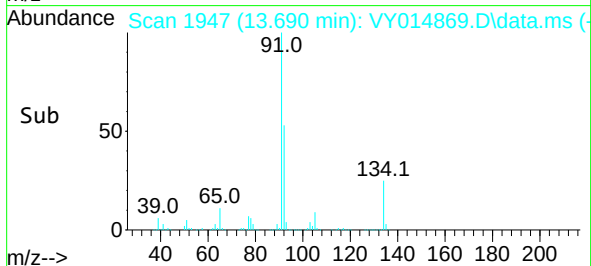
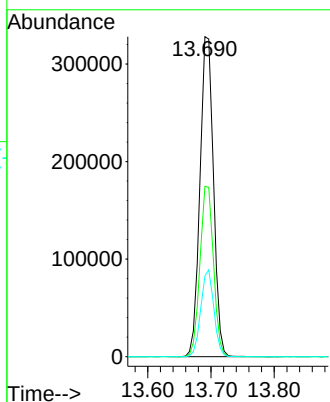
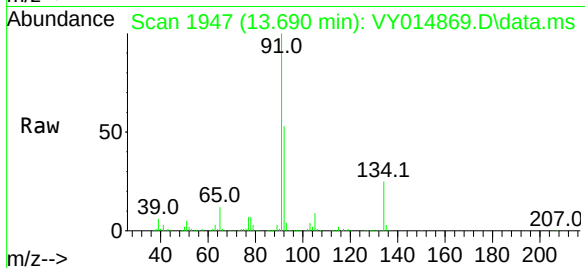
Tgt Ion:	91	Resp:	48937
Ion Ratio	Lower	Upper	
91	100		
92	53.2	25.4	76.0
134	26.2	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#90

Hexachloroethane

Concen: 46.663 ug/l

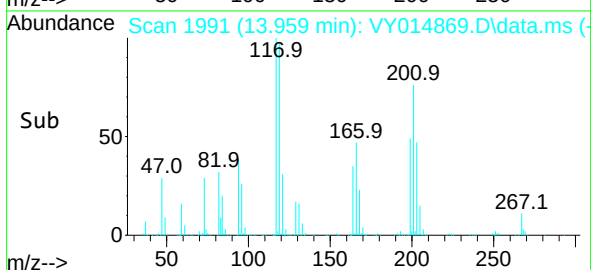
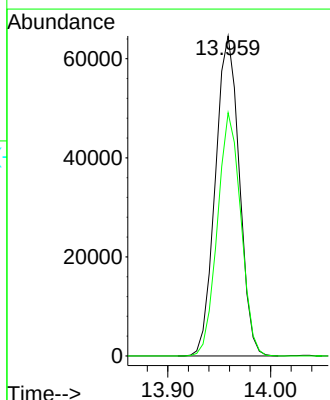
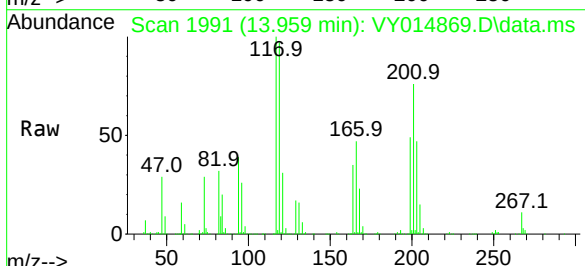
RT: 13.959 min Scan# 1991

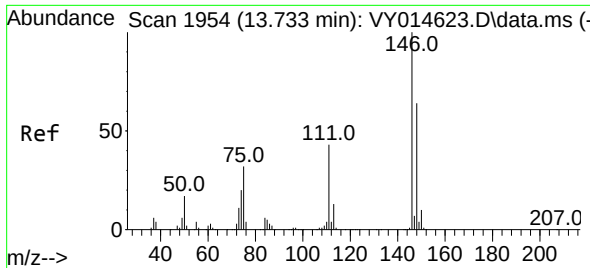
Delta R.T. -0.000 min

Lab File: VY014869.D

Acq: 27 Jul 2023 09:24

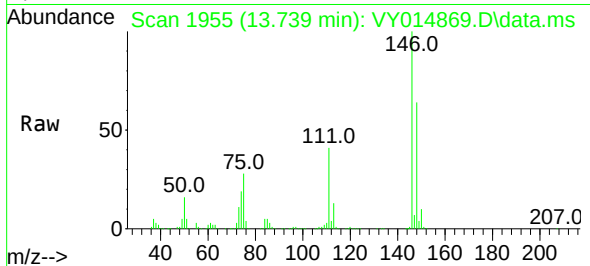
Tgt Ion:	117	Resp:	104508
Ion Ratio	Lower	Upper	
117	100		
201	74.2	41.6	124.8





#91
1,2-Dichlorobenzene
Concen: 50.772 ug/l
RT: 13.739 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24

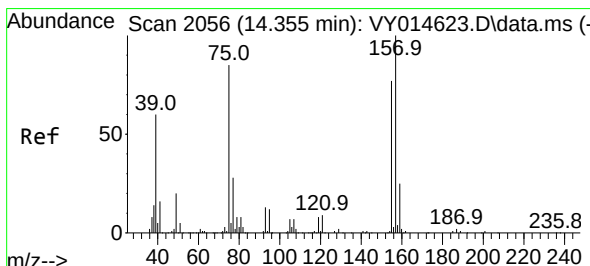
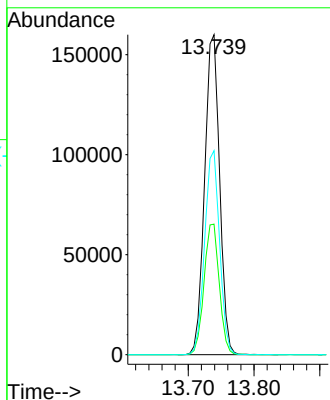
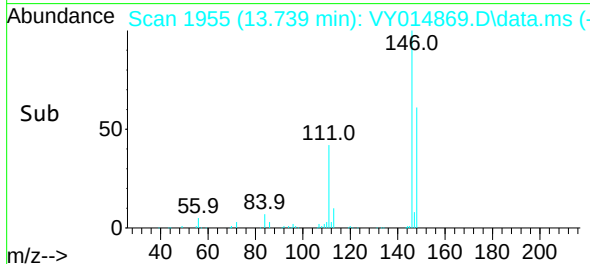
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



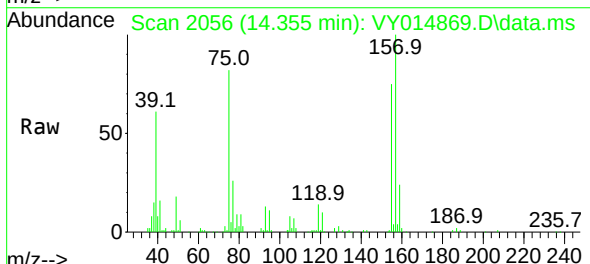
Tgt Ion:146 Resp: 253958
Ion Ratio Lower Upper
146 100
111 41.5 19.7 59.0
148 63.5 32.0 96.2

Manual Integrations
APPROVED

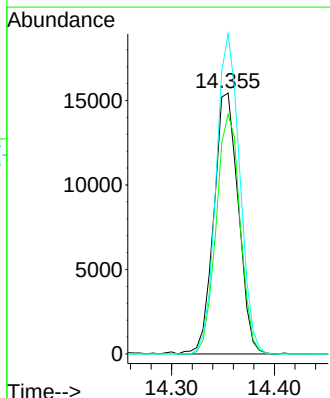
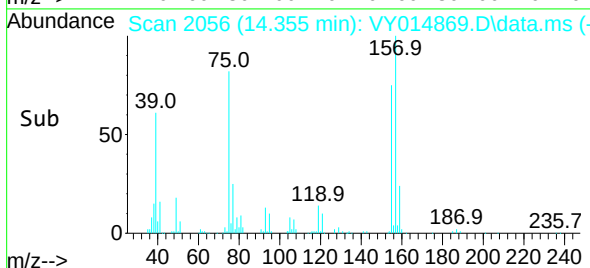
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

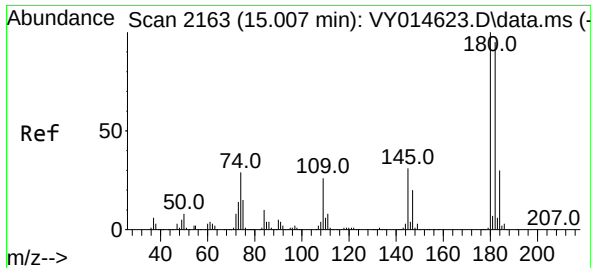


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.555 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24



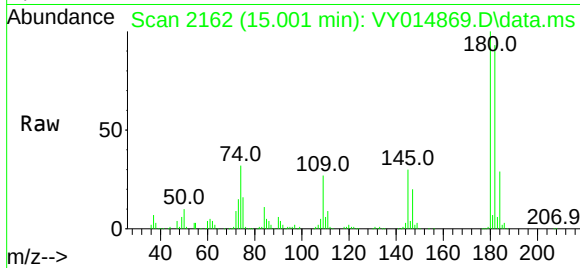
Tgt Ion: 75 Resp: 25486
Ion Ratio Lower Upper
75 100
155 89.9 41.5 124.6
157 118.1 51.8 155.5





#93
1,2,4-Trichlorobenzene
Concen: 50.661 ug/l
RT: 15.001 min Scan# 2162
Delta R.T. -0.006 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24

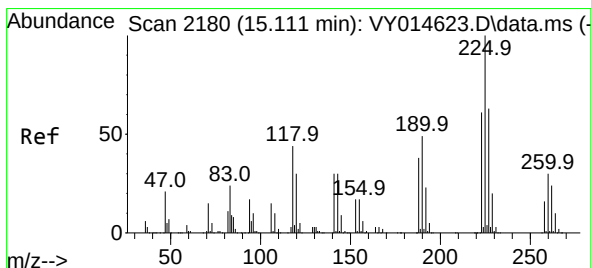
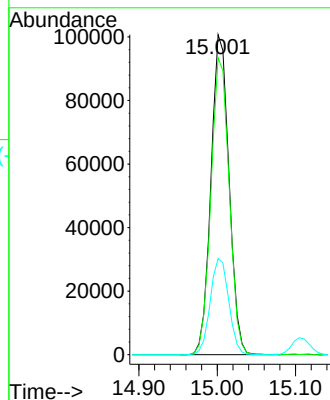
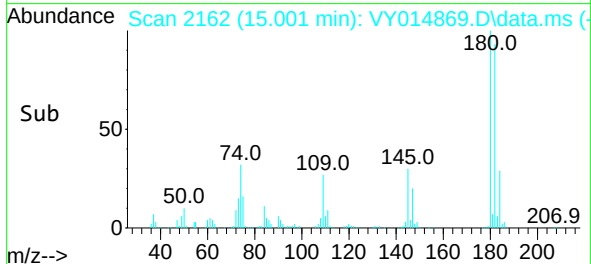
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



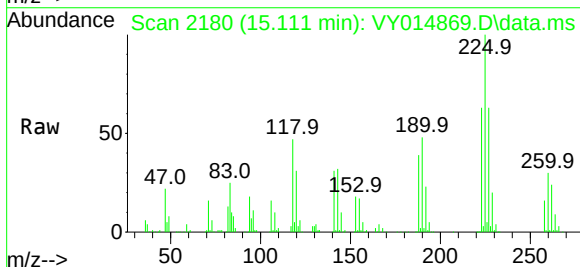
Tgt Ion:180 Resp: 16085
Ion Ratio Lower Upper
180 100
182 93.7 47.0 141.2
145 30.8 14.5 43.5

Manual Integrations
APPROVED

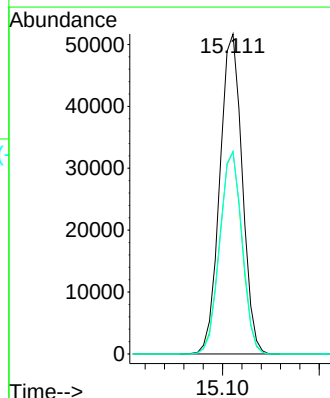
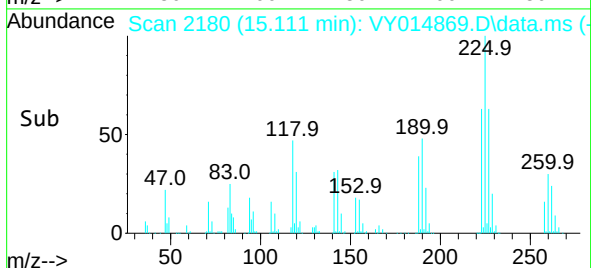
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

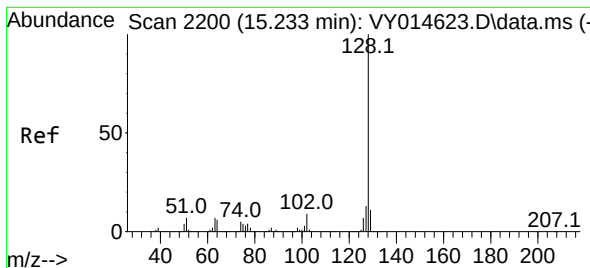


#94
Hexachlorobutadiene
Concen: 47.528 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24



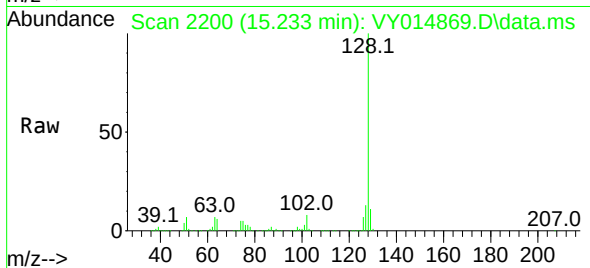
Tgt Ion:225 Resp: 82931
Ion Ratio Lower Upper
225 100
223 62.8 31.9 95.9
227 63.1 33.0 98.9





#95
Naphthalene
Concen: 51.756 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24

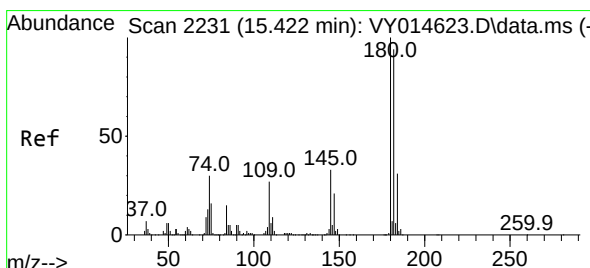
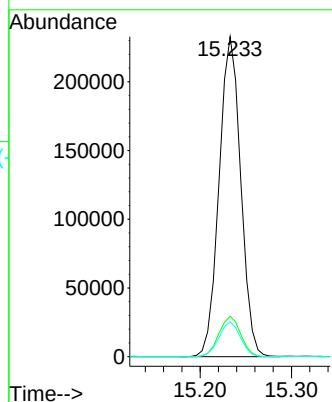
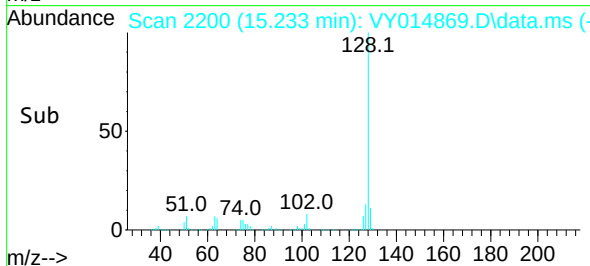
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



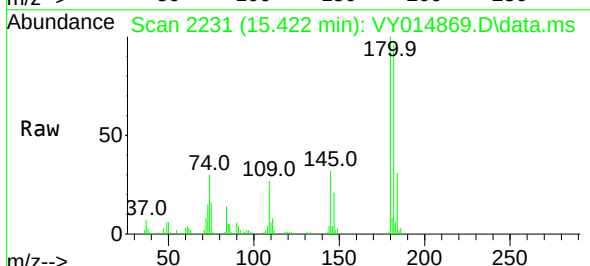
Tgt Ion:128 Resp: 382860
Ion Ratio Lower Upper
128 100
127 12.8 10.8 16.2
129 10.8 8.6 13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 50.947 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY014869.D
Acq: 27 Jul 2023 09:24



Tgt Ion:180 Resp: 143769
Ion Ratio Lower Upper
180 100
182 96.3 47.3 141.8
145 33.1 15.4 46.2

