

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070623\
 Data File : VY014593.D
 Acq On : 06 Jul 2023 17:07
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone
 07/07/2023

Supervised By :Mahesh
 Dadoda
 07/07/2023

Quant Time: Jul 07 06:16:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

Internal Standards							
1) Pentafluorobenzene	7.783	168	331993	50.000	ug/l	0.00	
34) 1,4-Difluorobenzene	8.679	114	488468	50.000	ug/l	-0.01	
63) Chlorobenzene-d5	11.483	117	463874	50.000	ug/l	0.00	
72) 1,4-Dichlorobenzene-d4	13.422	152	248584	50.000	ug/l	0.00	
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.130	65	183830	55.662	ug/l	-0.01	
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.320%	
35) Dibromofluoromethane	7.704	113	169438	56.329	ug/l	-0.01	
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.660%	
50) Toluene-d8	10.173	98	645945	54.322	ug/l	0.00	
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.640%	
62) 4-Bromofluorobenzene	12.477	95	229530	55.589	ug/l	0.00	
Spiked Amount	50.000	Range	30 - 143	Recovery	=	111.180%	
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.900	85	112877	47.209	ug/l		97
3) Chloromethane	2.107	50	185281	48.188	ug/l		98
4) Vinyl Chloride	2.235	62	225507	50.883	ug/l		97
5) Bromomethane	2.625	94	163517	47.581	ug/l		99
6) Chloroethane	2.772	64	146229	51.243	ug/l		98
7) Trichlorofluoromethane	3.107	101	252533	46.917	ug/l		100
8) Diethyl Ether	3.515	74	99728	48.932	ug/l		93
9) 1,1,2-Trichlorotrifluo...	3.881	101	158956	49.452	ug/l		97
10) Methyl Iodide	4.076	142	170026	46.354	ug/l		93
11) Tert butyl alcohol	4.954	59	143766	251.339	ug/l	#	81
12) 1,1-Dichloroethene	3.851	96	149341	47.959	ug/l		95
13) Acrolein	3.717	56	82509	188.233	ug/l		99
14) Allyl chloride	4.460	41	237628	50.629	ug/l		88
15) Acrylonitrile	5.143	53	314566	268.862	ug/l		99
16) Acetone	3.936	43	255375	247.606	ug/l	#	89
17) Carbon Disulfide	4.174	76	451912	47.623	ug/l		100
18) Methyl Acetate	4.460	43	258863	55.136	ug/l		93
19) Methyl tert-butyl Ether	5.210	73	465996	52.069	ug/l		96
20) Methylene Chloride	4.698	84	201206	54.498	ug/l		91
21) trans-1,2-Dichloroethene	5.198	96	169905	48.203	ug/l		99
22) Diisopropyl ether	6.106	45	504324	52.148	ug/l	#	90
23) Vinyl Acetate	6.045	43	1477572	264.074	ug/l		95
24) 1,1-Dichloroethane	5.997	63	298821	49.219	ug/l		99
25) 2-Butanone	6.978	43	402445	263.528	ug/l		93
26) 2,2-Dichloropropane	6.966	77	227422	43.947	ug/l		97
27) cis-1,2-Dichloroethene	6.972	96	193596	48.419	ug/l		94
28) Bromochloromethane	7.320	49	129802	50.916	ug/l		93
29) Tetrahydrofuran	7.338	42	274753	278.926	ug/l		90
30) Chloroform	7.496	83	310207	48.980	ug/l		96
31) Cyclohexane	7.777	56	243506	46.996	ug/l		95
32) 1,1,1-Trichloroethane	7.691	97	255746	47.242	ug/l		98
36) 1,1-Dichloropropene	7.905	75	229294	49.776	ug/l		99
37) Ethyl Acetate	7.064	43	169630	53.695	ug/l	#	92
38) Carbon Tetrachloride	7.887	117	231882	48.221	ug/l		99
39) Methylcyclohexane	9.173	83	275491	50.034	ug/l		97
40) Benzene	8.149	78	675636	48.454	ug/l		98

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 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	94469m	61.211	ug/l	
42) 1,2-Dichloroethane	8.228	62	211580	51.624	ug/l	95
43) Isopropyl Acetate	8.265	43	285663	53.358	ug/l #	92
44) Trichloroethene	8.935	130	185916	47.825	ug/l	94
45) 1,2-Dichloropropane	9.209	63	183274	51.235	ug/l	95
46) Dibromomethane	9.295	93	111869	51.370	ug/l	97
47) Bromodichloromethane	9.490	83	242245	50.486	ug/l	99
48) Methyl methacrylate	9.289	41	136389	56.022	ug/l #	82
49) 1,4-Dioxane	9.295	88	43191	1110.680	ug/l #	49
51) 4-Methyl-2-Pentanone	10.063	43	870515	274.653	ug/l	90
52) Toluene	10.240	92	422557	48.156	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	254978	49.693	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	284264	49.654	ug/l #	86
55) 1,1,2-Trichloroethane	10.636	97	160728	50.723	ug/l	99
56) Ethyl methacrylate	10.502	69	227351	52.744	ug/l #	82
57) 1,3-Dichloropropane	10.782	76	263082	50.954	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	591358	283.188	ug/l	98
59) 2-Hexanone	10.825	43	643032	280.858	ug/l	88
60) Dibromochloromethane	10.977	129	188454	50.755	ug/l	100
61) 1,2-Dibromoethane	11.081	107	159185	51.456	ug/l	99
64) Tetrachloroethene	10.715	164	196427	47.369	ug/l	98
65) Chlorobenzene	11.508	112	469092	47.452	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	181647	48.346	ug/l	97
67) Ethyl Benzene	11.587	91	812246	48.182	ug/l	98
68) m/p-Xylenes	11.697	106	633811	94.783	ug/l	96
69) o-Xylene	12.026	106	303736	47.890	ug/l	96
70) Styrene	12.038	104	531605	48.718	ug/l	97
71) Bromoform	12.203	173	142575	49.948	ug/l	100
73) Isopropylbenzene	12.325	105	783490	48.125	ug/l	99
74) N-amyl acetate	12.142	43	255782	52.056	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	216610	51.846	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	141553m	48.526	ug/l	
77) Bromobenzene	12.605	156	214228	48.177	ug/l	98
78) n-propylbenzene	12.666	91	990092	49.855	ug/l	100
79) 2-Chlorotoluene	12.752	91	559659	48.968	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	674214	48.918	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.374	75	71620	47.789	ug/l	89
82) 4-Chlorotoluene	12.849	91	577410	48.224	ug/l	97
83) tert-Butylbenzene	13.069	119	564779	46.627	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	675085	49.086	ug/l	97
85) sec-Butylbenzene	13.251	105	883259	49.415	ug/l	99
86) p-Isopropyltoluene	13.367	119	735329	48.885	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	413986	47.616	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	409233	46.967	ug/l	99
89) n-Butylbenzene	13.690	91	691958	49.777	ug/l	98
90) Hexachloroethane	13.959	117	147782	49.598	ug/l	91
91) 1,2-Dichlorobenzene	13.733	146	380188	48.276	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	40652	53.147	ug/l	90
93) 1,2,4-Trichlorobenzene	15.001	180	249771	49.104	ug/l	98
94) Hexachlorobutadiene	15.111	225	155859	49.855	ug/l	98
95) Naphthalene	15.233	128	547152	50.559	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	233430	50.366	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri Jun 30 19:02:11 2023
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

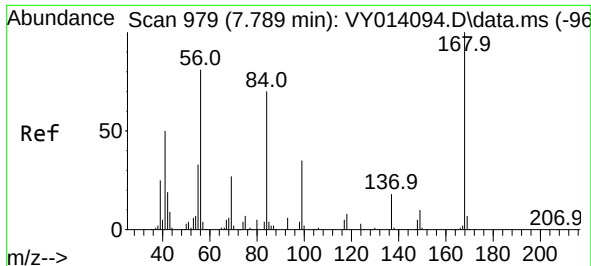
Manual Integrations
APPROVED

Reviewed By :John
Carlone
07/07/2023

Supervised By :Mahesh
Dadoda
07/07/2023

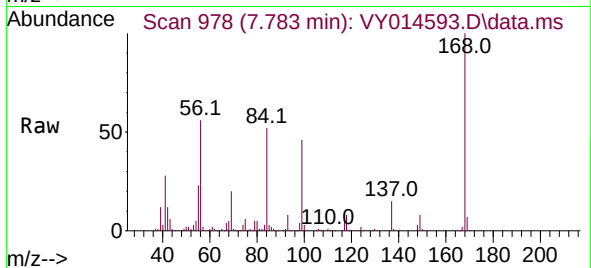
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Instrument :
MSVOA_Y
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VSTDCCC050EC

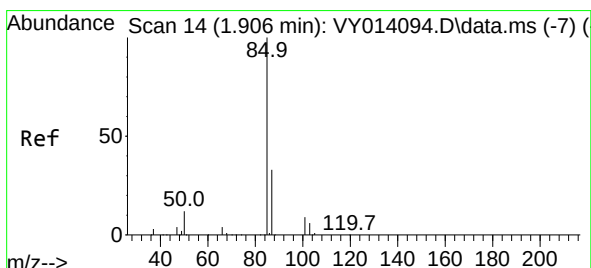
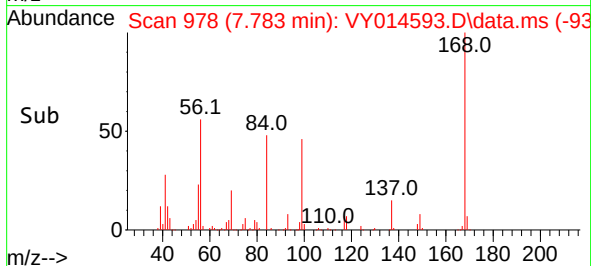
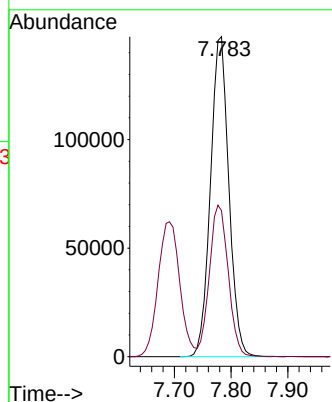


Tgt Ion:168 Resp: 33199
Ion Ratio Lower Upper
168 100
99 45.6 43.4 65.0

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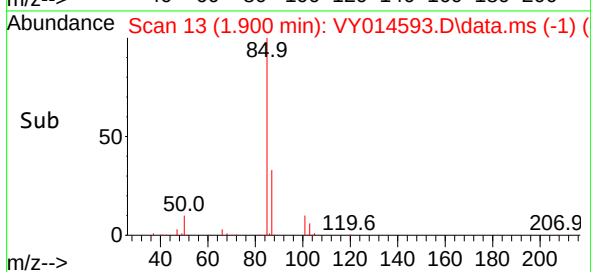
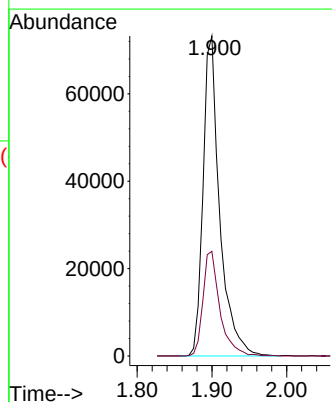
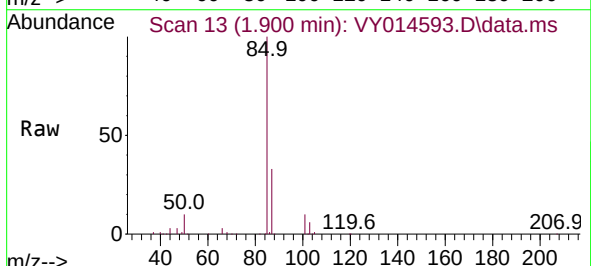
Reviewed By :John
Carlone
07/07/2023

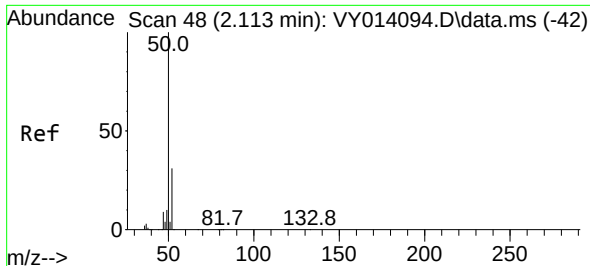
Supervised By :Mahesh
Dadoda
07/07/2023



#2
Dichlorodifluoromethane
Concen: 47.209 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

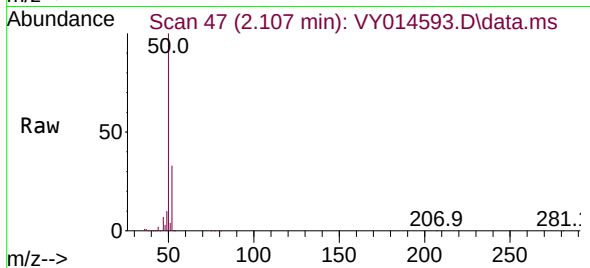
Tgt Ion: 85 Resp: 112877
Ion Ratio Lower Upper
85 100
87 32.7 15.6 46.8





#3
Chloromethane
Concen: 48.188 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

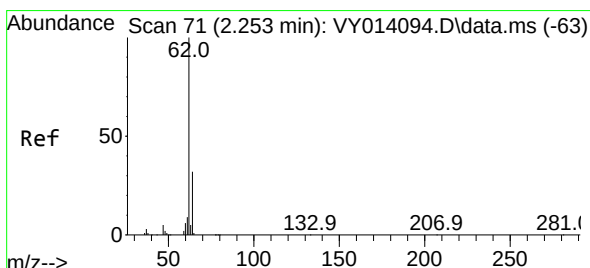
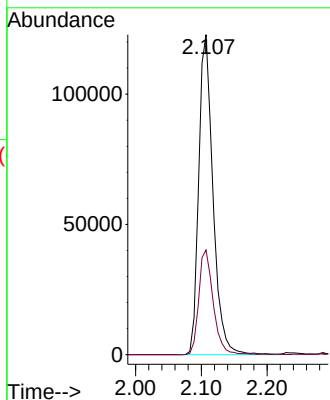
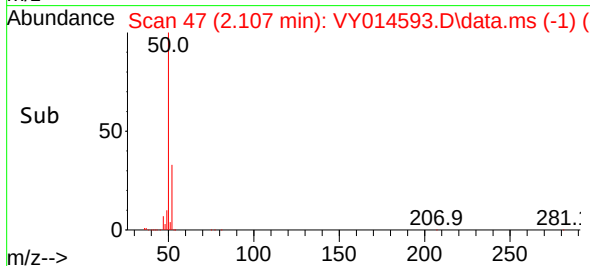


Tgt Ion: 50 Resp: 18528
Ion Ratio Lower Upper
50 100
52 32.7 25.4 38.2

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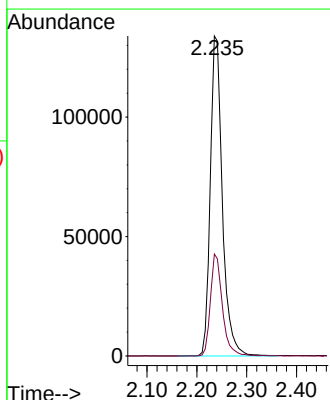
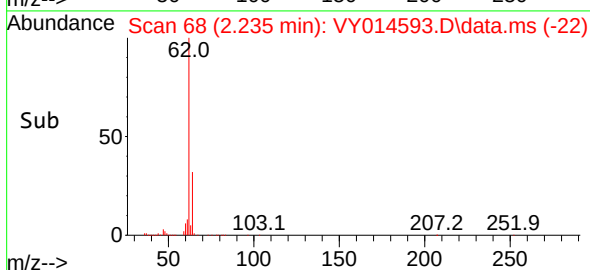
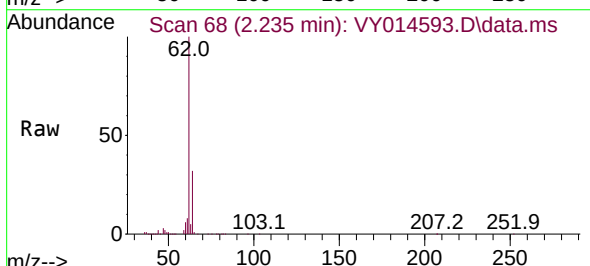
Reviewed By :John
Carlone
07/07/2023

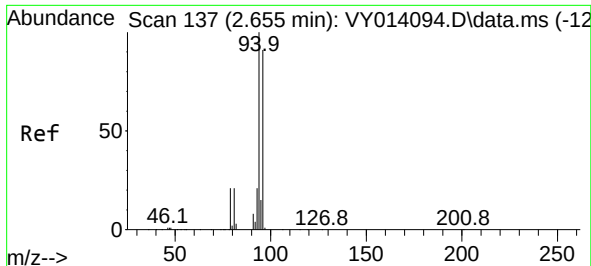
Supervised By :Mahesh
Dadoda
07/07/2023



#4
Vinyl Chloride
Concen: 50.883 ug/l
RT: 2.235 min Scan# 68
Delta R.T. -0.018 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

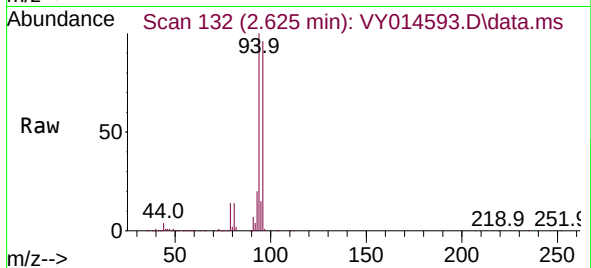
Tgt Ion: 62 Resp: 225507
Ion Ratio Lower Upper
62 100
64 31.8 24.3 36.5





#5
Bromomethane
Concen: 47.581 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.030 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Instrument :
MSVOA_Y
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VSTDCCC050EC

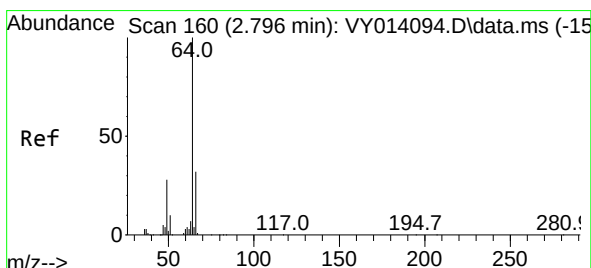
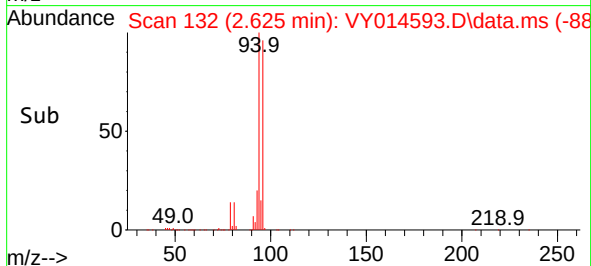
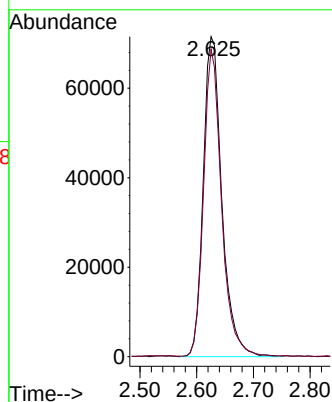


Tgt Ion: 94 Resp: 16351
Ion Ratio Lower Upper
94 100
96 95.8 75.8 113.6

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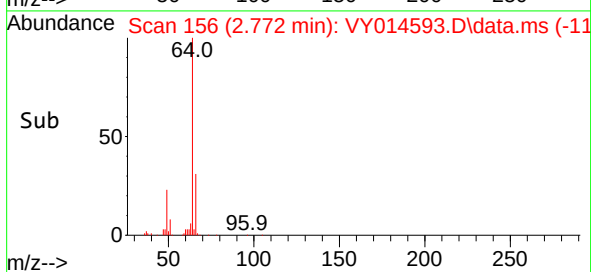
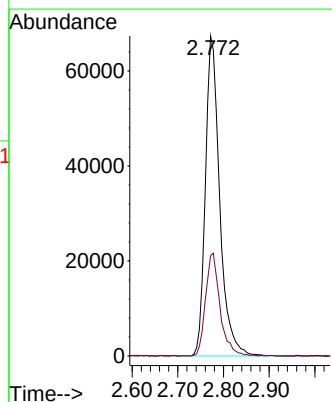
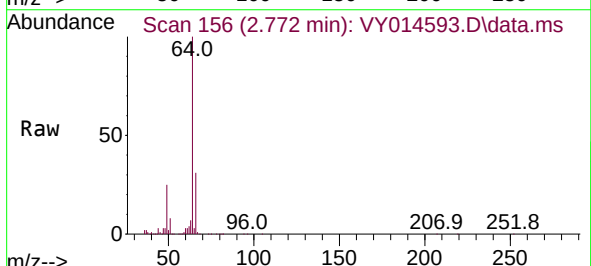
Reviewed By :John
Carlone
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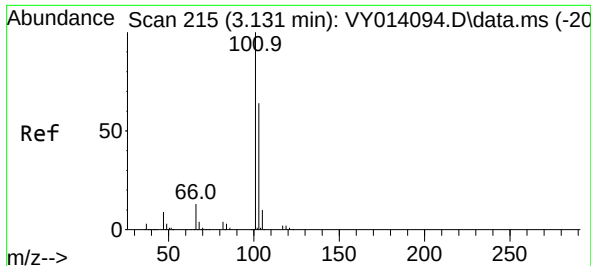
Supervised By :Mahesh
Dadoda
07/07/2023



#6
Chloroethane
Concen: 51.243 ug/l
RT: 2.772 min Scan# 156
Delta R.T. -0.024 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

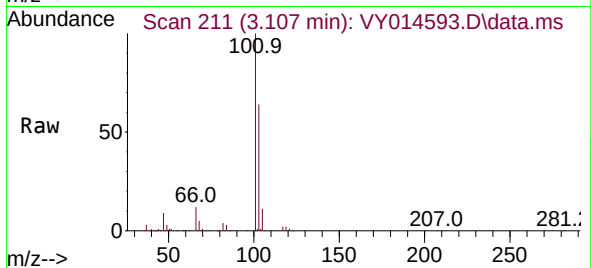
Tgt Ion: 64 Resp: 146229
Ion Ratio Lower Upper
64 100
66 31.3 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 46.917 ug/l
 RT: 3.107 min Scan# 215
 Delta R.T. -0.024 min
 Lab File: VY014593.D
 Acq: 06 Jul 2023 17:07

Instrument :
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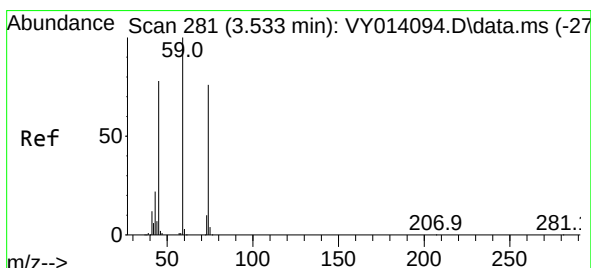
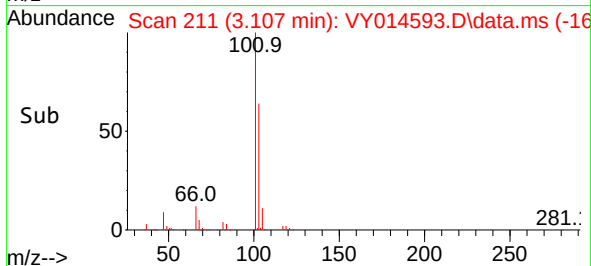
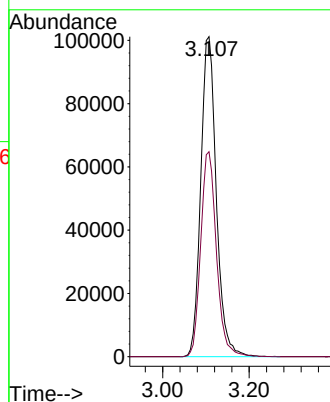


Tgt Ion:101 Resp: 25253
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.4 77.0

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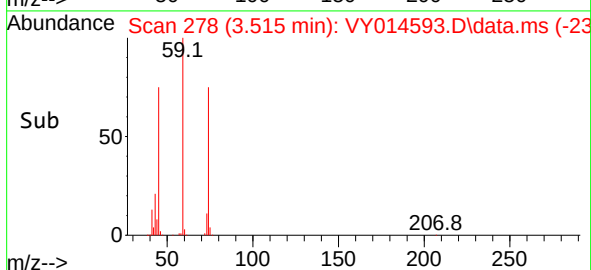
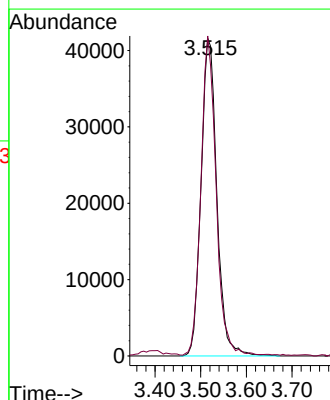
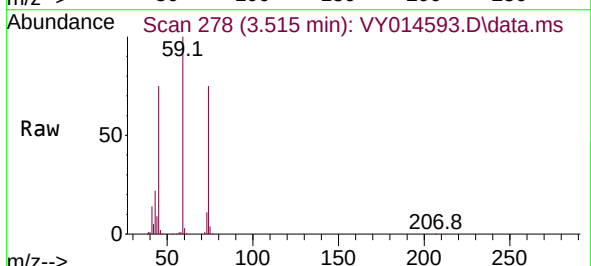
Reviewed By :John
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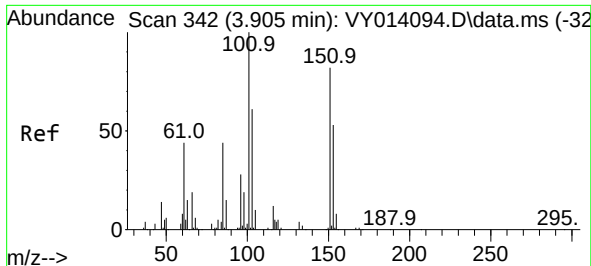
Supervised By :Mahesh
 Dadoda
 07/07/2023



#8
 Diethyl Ether
 Concen: 48.932 ug/l
 RT: 3.515 min Scan# 278
 Delta R.T. -0.018 min
 Lab File: VY014593.D
 Acq: 06 Jul 2023 17:07

Tgt Ion: 74 Resp: 99728
 Ion Ratio Lower Upper
 74 100
 45 95.9 51.5 154.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.452 ug/l
RT: 3.881 min Scan# 31
Delta R.T. -0.024 min
Lab File: VY014593.D
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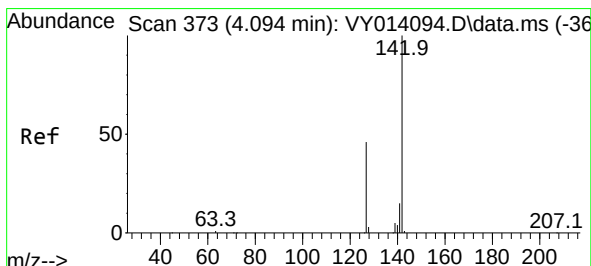
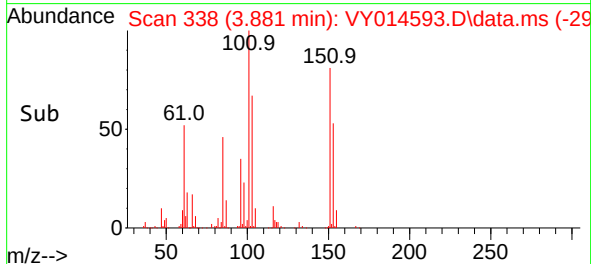
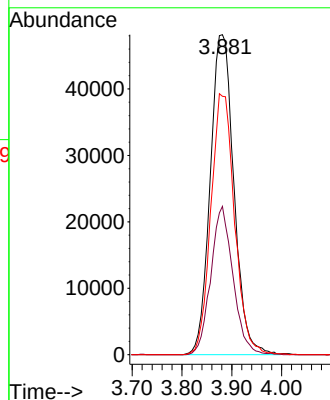
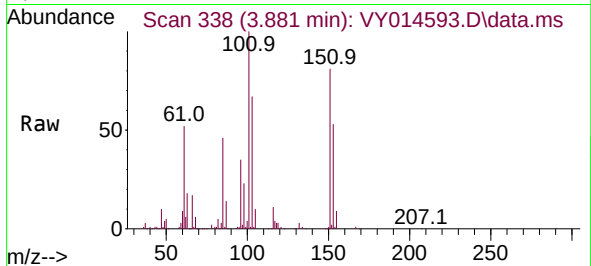
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 158950
Ion Ratio Lower Upper
101 100
85 43.5 36.6 55.0
151 81.7 67.0 100.6

Manual Integrations
APPROVED

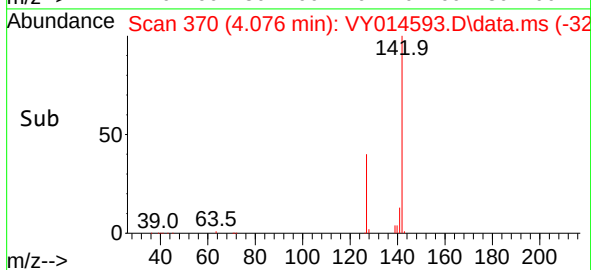
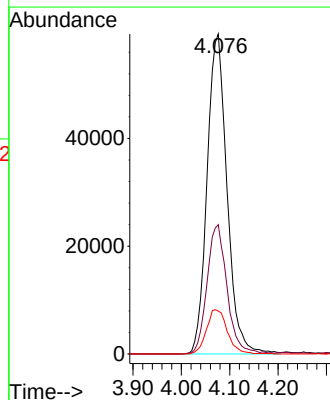
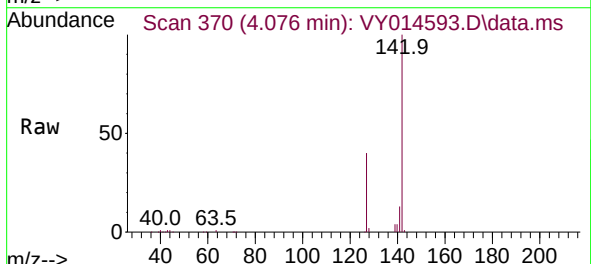
Reviewed By :John
Carlone
07/07/2023

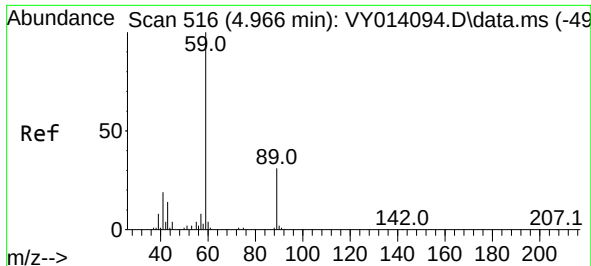
Supervised By :Mahesh
Dadoda
07/07/2023



#10
Methyl Iodide
Concen: 46.354 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.018 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

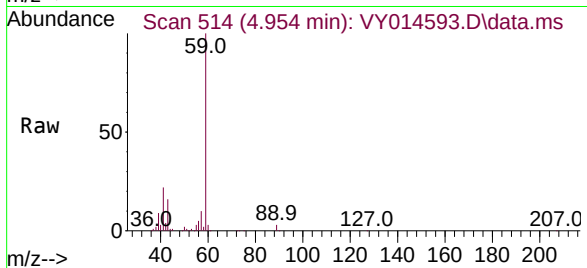
Tgt Ion:142 Resp: 170026
Ion Ratio Lower Upper
142 100
127 40.7 37.6 56.4
141 14.5 11.8 17.8





#11
Tert butyl alcohol
Concen: 251.339 ug/l
RT: 4.954 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

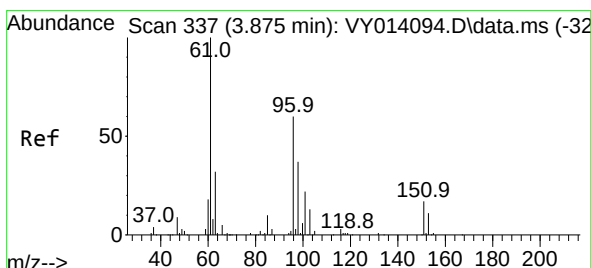
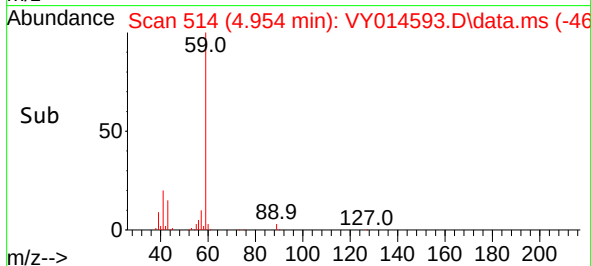
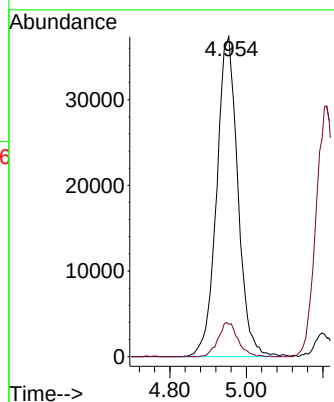


Tgt Ion: 59 Resp: 143760
Ion Ratio Lower Upper
59 100
57 9.8 3.0 4.4

Manual Integrations
APPROVED

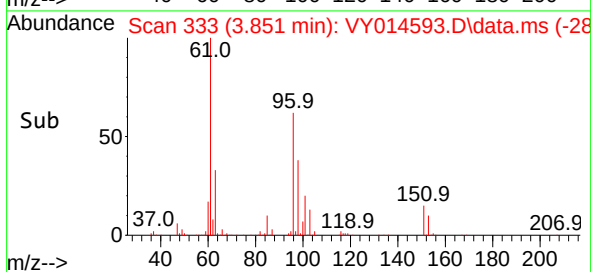
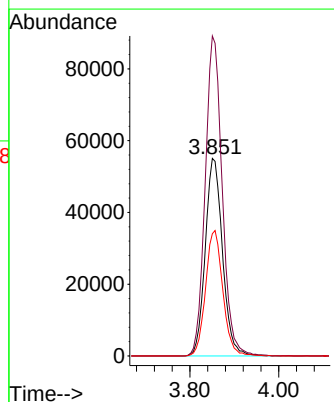
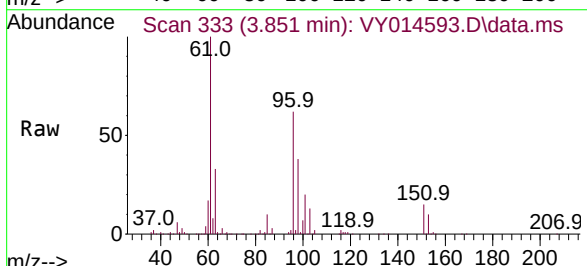
Reviewed By :John
Carlone
07/07/2023

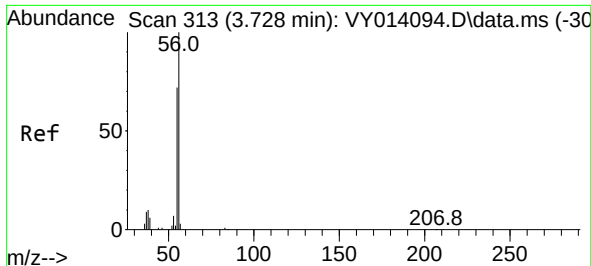
Supervised By :Mahesh
Dadoda
07/07/2023



#12
1,1-Dichloroethene
Concen: 47.959 ug/l
RT: 3.851 min Scan# 333
Delta R.T. -0.024 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

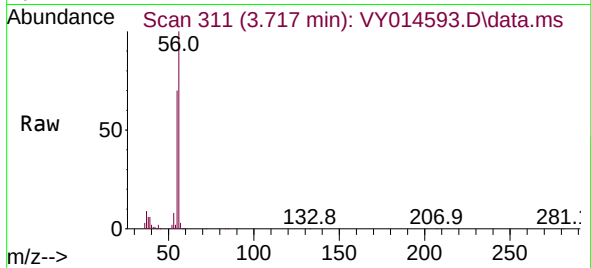
Tgt Ion: 96 Resp: 149341
Ion Ratio Lower Upper
96 100
61 162.0 136.4 204.6
98 61.8 49.4 74.2





#13
Acrolein
Concen: 188.233 ug/l
RT: 3.717 min Scan# 311
Delta R.T. -0.011 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

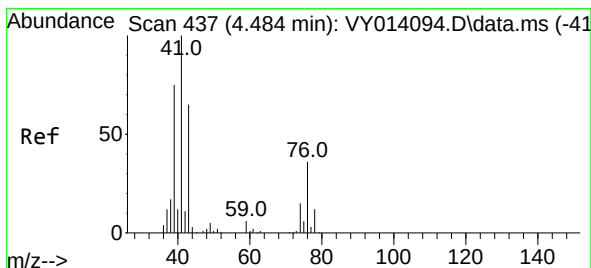
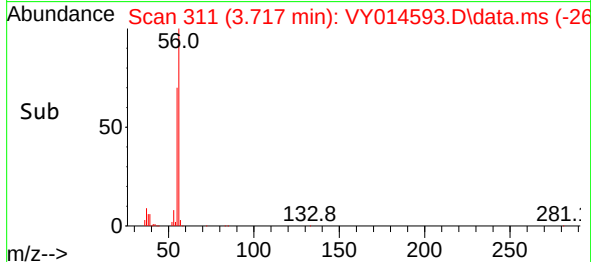
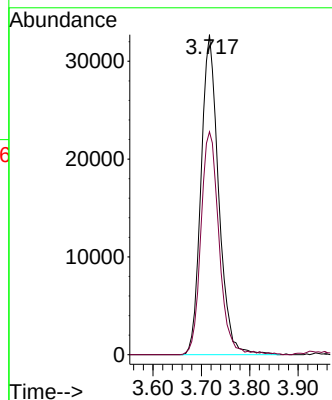


Tgt Ion: 56 Resp: 82509
Ion Ratio Lower Upper
56 100
55 72.2 57.0 85.4

Manual Integrations
APPROVED

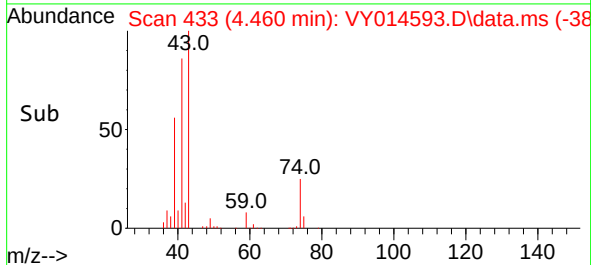
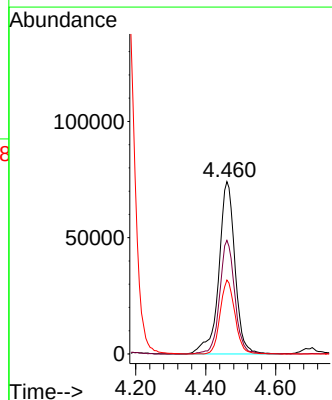
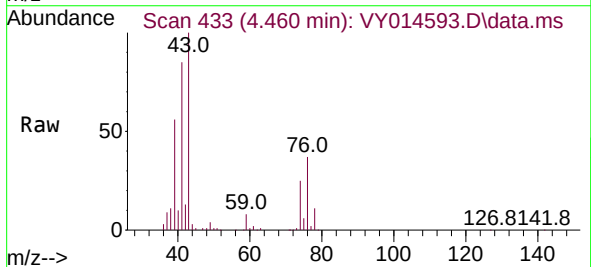
Reviewed By :John
Carlone
07/07/2023

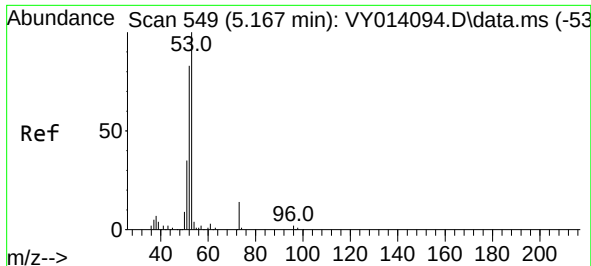
Supervised By :Mahesh
Dadoda
07/07/2023



#14
Allyl chloride
Concen: 50.629 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.024 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

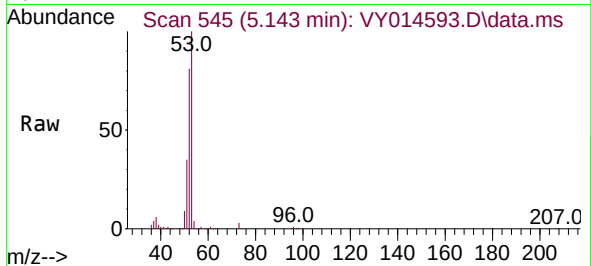
Tgt Ion: 41 Resp: 237628
Ion Ratio Lower Upper
41 100
39 61.6 58.0 87.0
76 39.1 27.4 41.2





#15
Acrylonitrile
Concen: 268.862 ug/l
RT: 5.143 min Scan# 54
Delta R.T. -0.024 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

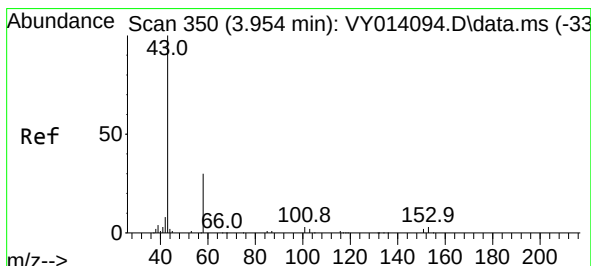
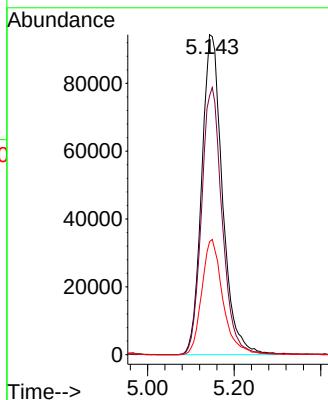
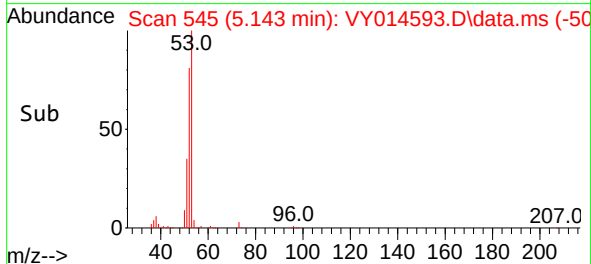


Tgt Ion: 53 Resp: 314560
Ion Ratio Lower Upper
53 100
52 82.8 66.9 100.3
51 36.6 29.8 44.6

Manual Integrations
APPROVED

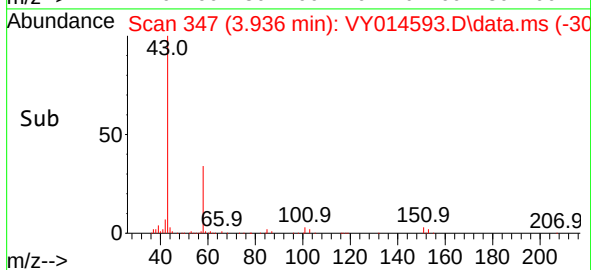
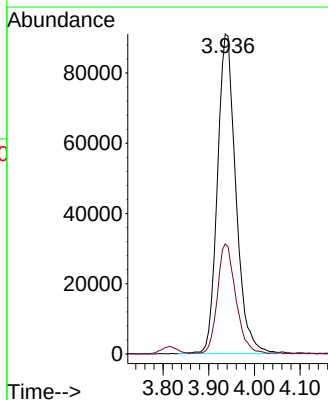
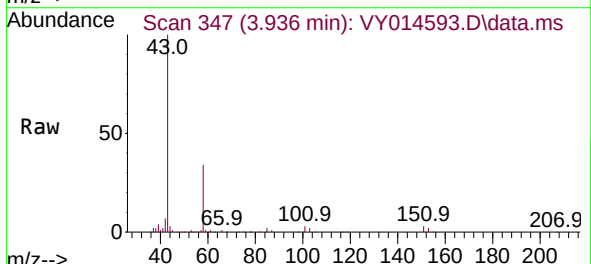
Reviewed By :John
Carlone
07/07/2023

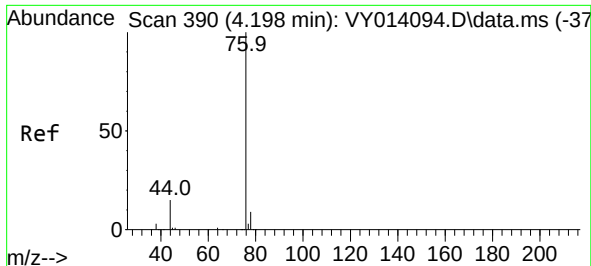
Supervised By :Mahesh
Dadoda
07/07/2023



#16
Acetone
Concen: 247.606 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.018 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

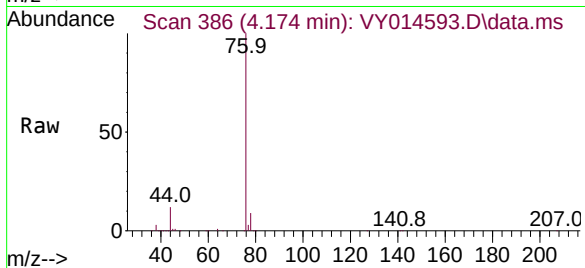
Tgt Ion: 43 Resp: 255375
Ion Ratio Lower Upper
43 100
58 34.1 22.7 34.1#





#17
Carbon Disulfide
Concen: 47.623 ug/l
RT: 4.174 min Scan# 386
Delta R.T. -0.024 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

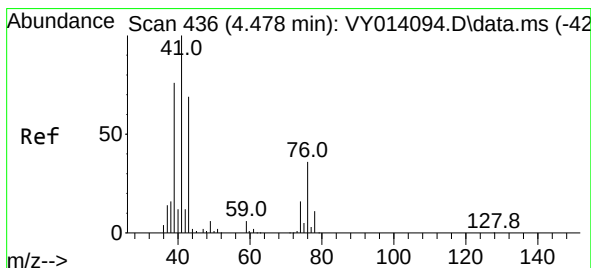
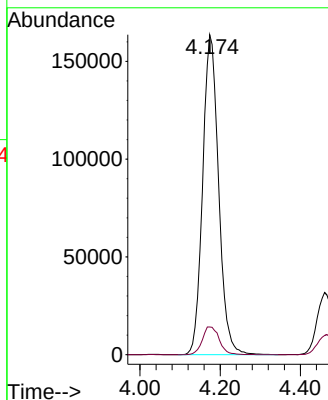
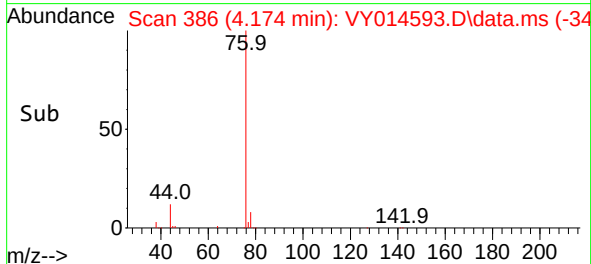


Tgt Ion: 76 Resp: 45191
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4

Manual Integrations
APPROVED

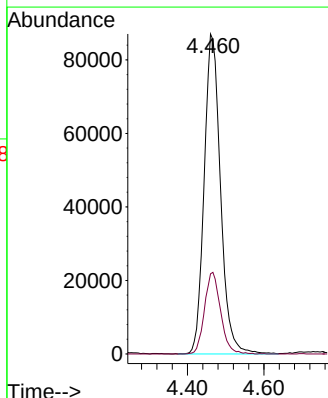
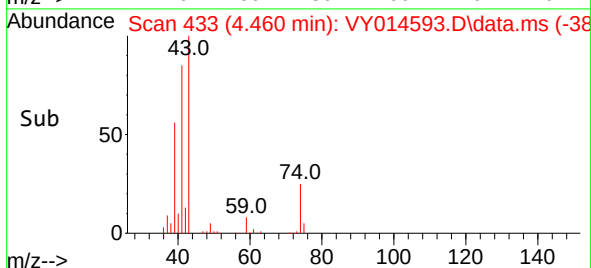
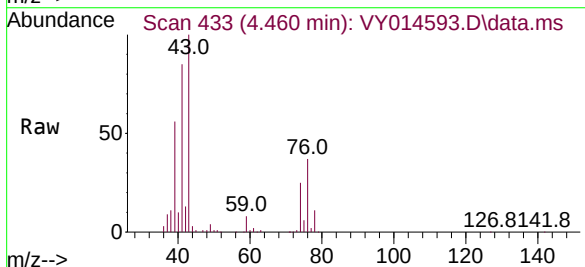
Reviewed By :John
Carlone
07/07/2023

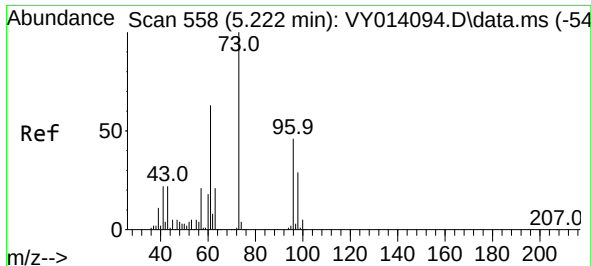
Supervised By :Mahesh
Dadoda
07/07/2023



#18
Methyl Acetate
Concen: 55.136 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.018 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

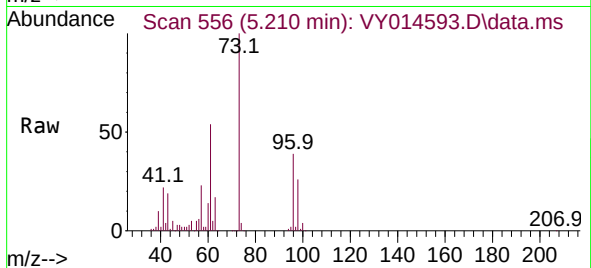
Tgt Ion: 43 Resp: 258863
Ion Ratio Lower Upper
43 100
74 25.0 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 52.069 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

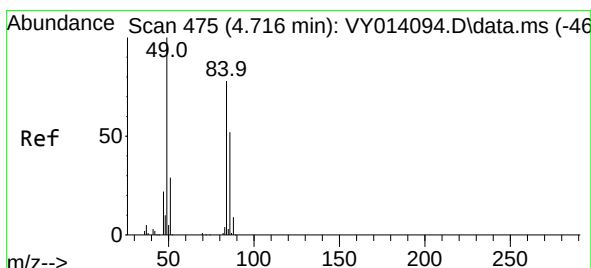
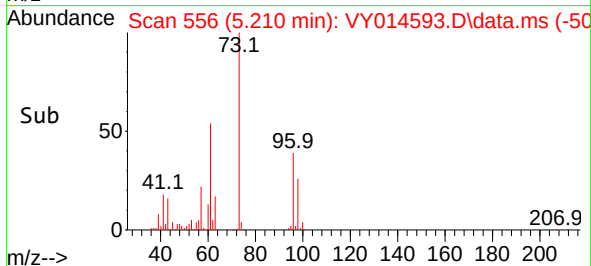
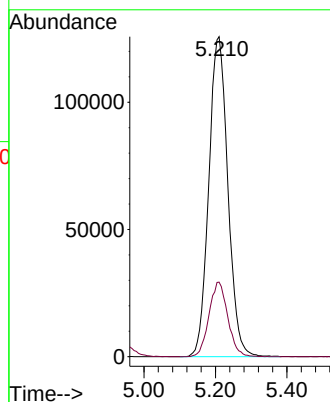


Tgt Ion: 73 Resp: 465990
Ion Ratio Lower Upper
73 100
57 23.3 17.3 25.9

Manual Integrations
APPROVED

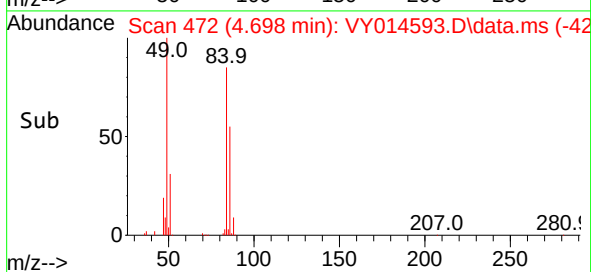
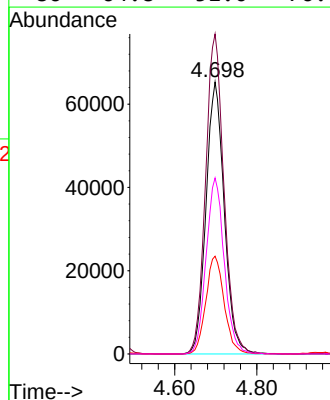
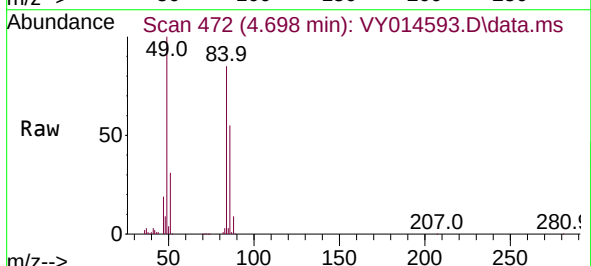
Reviewed By :John
Carlone
07/07/2023

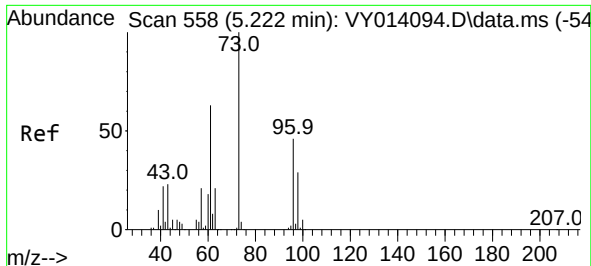
Supervised By :Mahesh
Dadoda
07/07/2023



#20
Methylene Chloride
Concen: 54.498 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.018 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

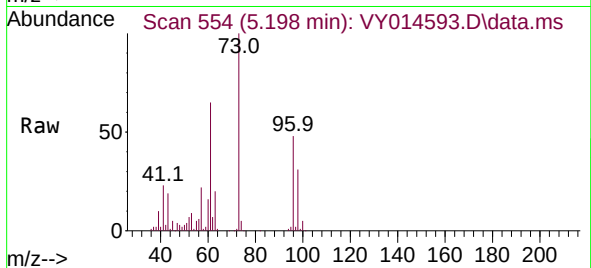
Tgt Ion: 84 Resp: 201206
Ion Ratio Lower Upper
84 100
49 117.7 106.9 160.3
51 36.0 33.2 49.8
86 64.8 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 48.203 ug/l
RT: 5.198 min Scan# 51
Delta R.T. -0.024 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

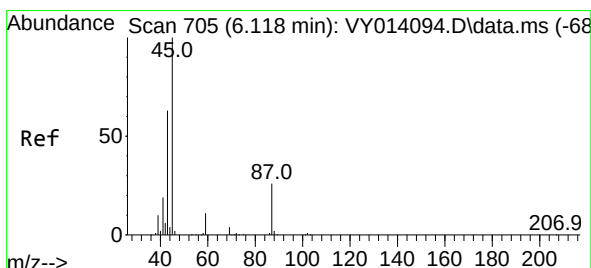
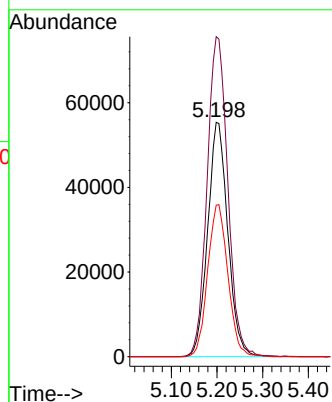
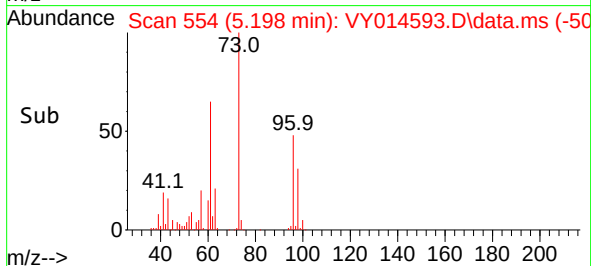


Tgt Ion: 96 Resp: 16990
Ion Ratio Lower Upper
96 100
61 136.5 110.2 165.4
98 64.6 51.8 77.6

Manual Integrations
APPROVED

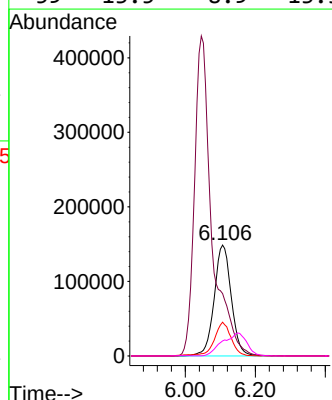
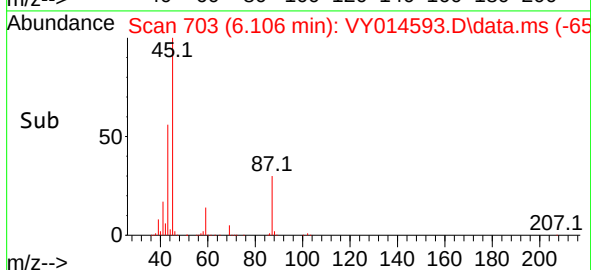
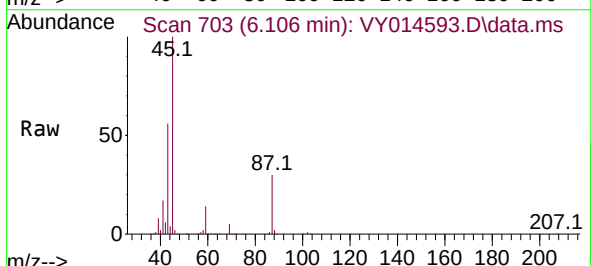
Reviewed By :John
Carlone
07/07/2023

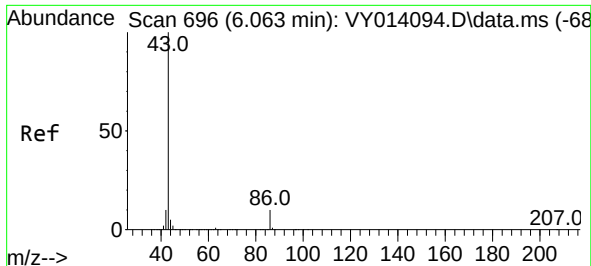
Supervised By :Mahesh
Dadoda
07/07/2023



#22
Diisopropyl ether
Concen: 52.148 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.012 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Tgt Ion: 45 Resp: 504324
Ion Ratio Lower Upper
45 100
43 56.0 52.2 78.4
87 30.5 21.0 31.6
59 13.5 8.9 13.3#





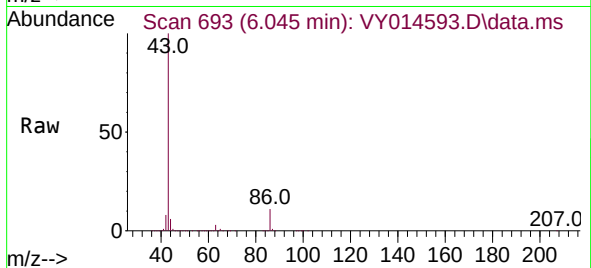
#23
 Vinyl Acetate
 Concen: 264.074 ug/l
 RT: 6.045 min Scan# 696
 Delta R.T. -0.018 min
 Lab File: VY014593.D
 Acq: 06 Jul 2023 17:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 43 Resp: 1477572
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :John

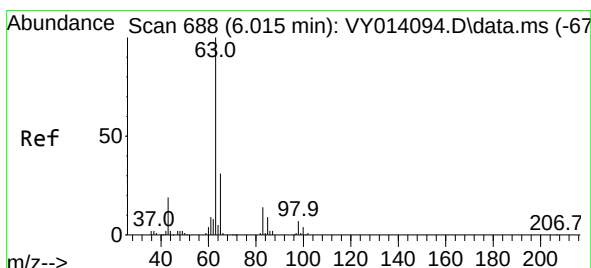
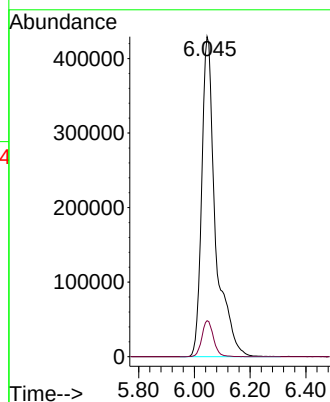
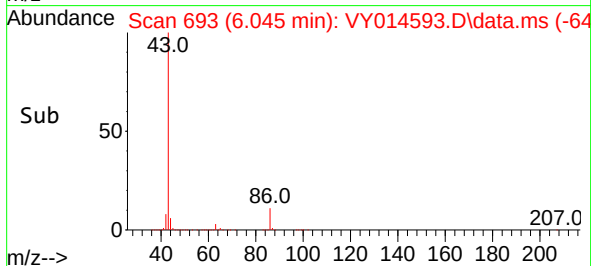
Carlone

07/07/2023

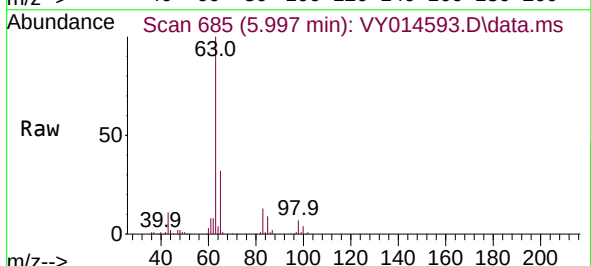
Supervised By :Mahesh

Dadoda

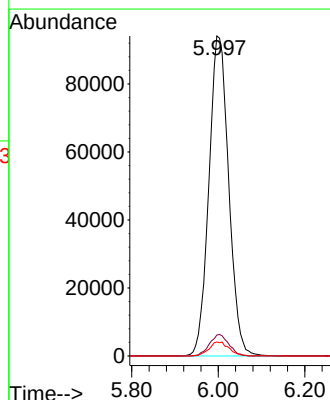
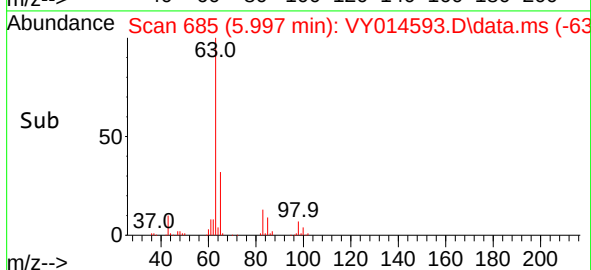
07/07/2023

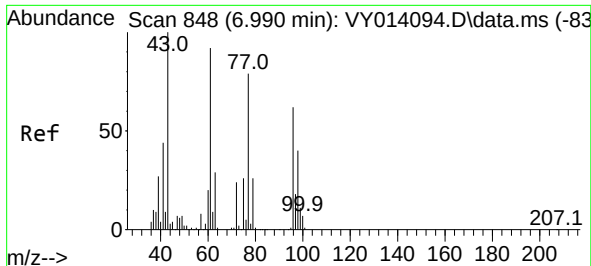


#24
 1,1-Dichloroethane
 Concen: 49.219 ug/l
 RT: 5.997 min Scan# 685
 Delta R.T. -0.018 min
 Lab File: VY014593.D
 Acq: 06 Jul 2023 17:07



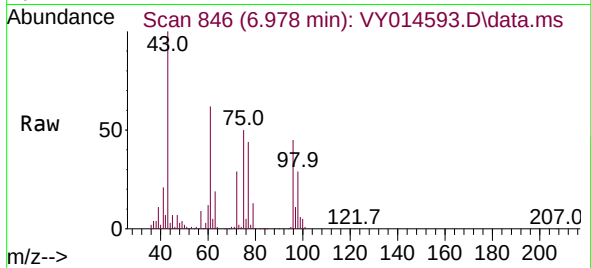
Tgt Ion: 63 Resp: 298821
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.1 9.4
 100 4.4 1.8 5.5





#25
2-Butanone
Concen: 263.528 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.012 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

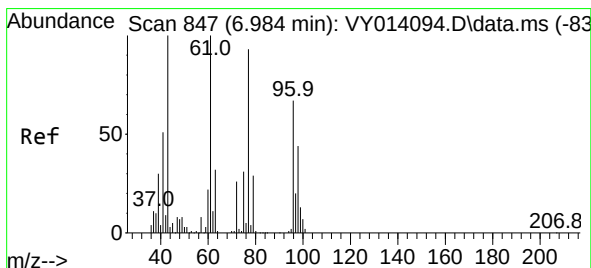
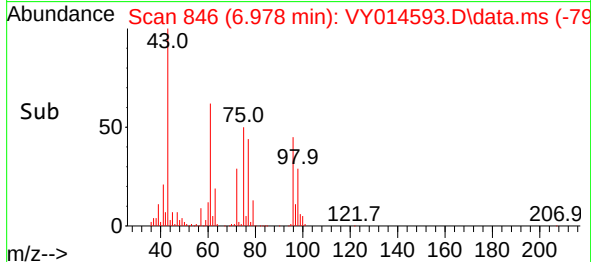
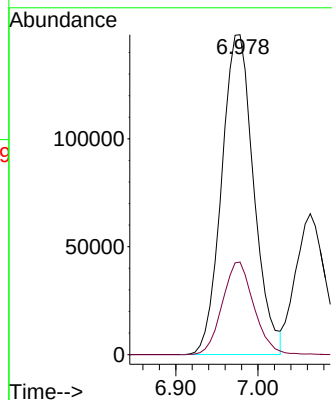


Tgt Ion: 43 Resp: 40244
Ion Ratio Lower Upper
43 100
72 29.0 20.5 30.7

Manual Integrations
APPROVED

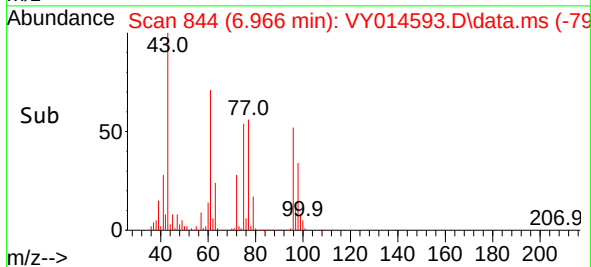
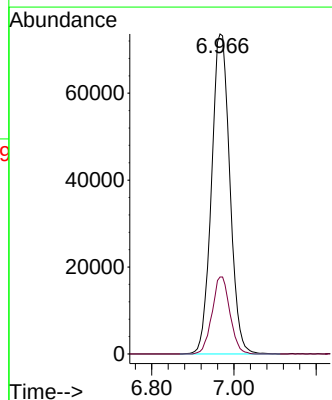
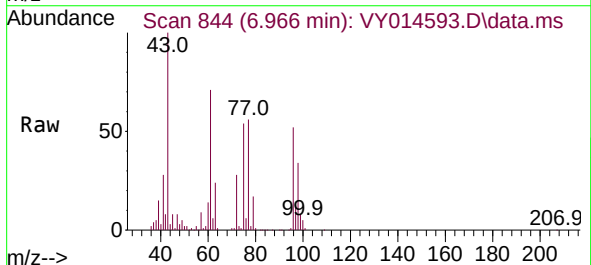
Reviewed By :John
Carlone
07/07/2023

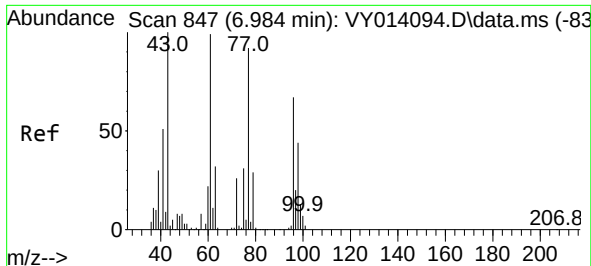
Supervised By :Mahesh
Dadoda
07/07/2023



#26
2,2-Dichloropropane
Concen: 43.947 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.018 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Tgt Ion: 77 Resp: 227422
Ion Ratio Lower Upper
77 100
97 23.5 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 48.419 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY014593.D

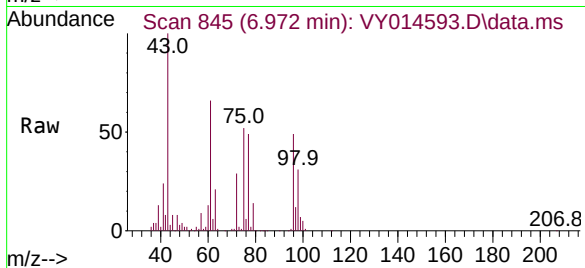
Acq: 06 Jul 2023 17:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion:	96	Resp:	193590
Ion	Ratio	Lower	Upper
96	100		
61	139.9	0.0	301.4
98	64.2	0.0	130.4

Manual Integrations

APPROVED

Reviewed By :John

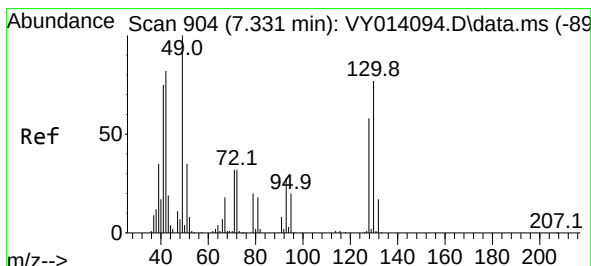
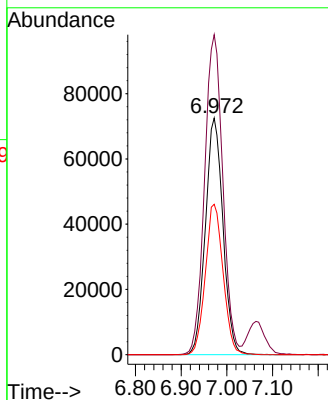
Carlone

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Supervised By :Mahesh

Dadoda

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#28

Bromochloromethane

Concen: 50.916 ug/l

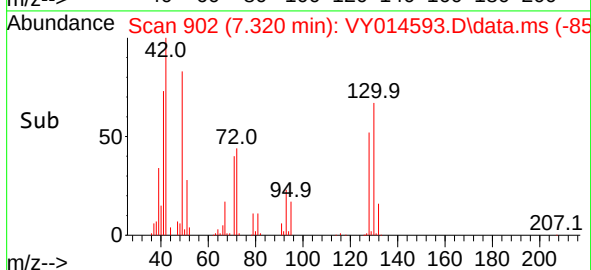
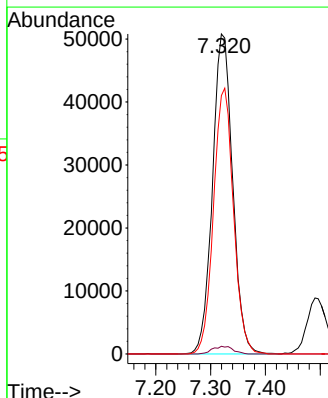
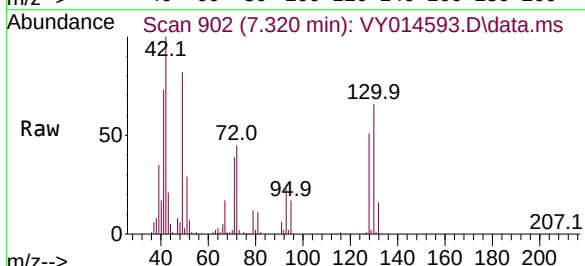
RT: 7.320 min Scan# 902

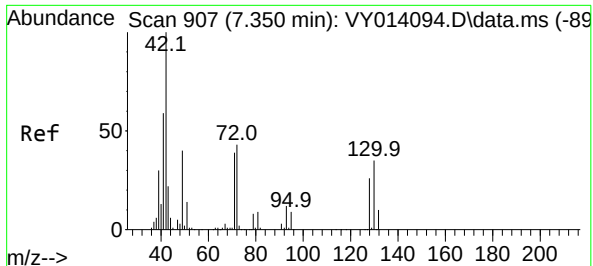
Delta R.T. -0.011 min

Lab File: VY014593.D

Acq: 06 Jul 2023 17:07

Tgt Ion:	49	Resp:	129802
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.6
130	82.2	60.7	91.1





#29

Tetrahydrofuran

Concen: 278.926 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.012 min

Lab File: VY014593.D

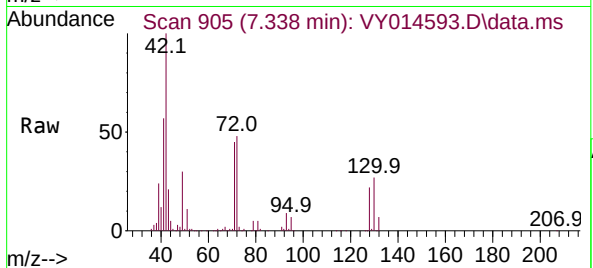
Acq: 06 Jul 2023 17:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion:	42	Resp:	27475
Ion Ratio	Lower	Upper	
42	100		
72	47.1	32.8	49.2
71	44.5	31.0	46.4

Manual Integrations
APPROVED

Reviewed By :John

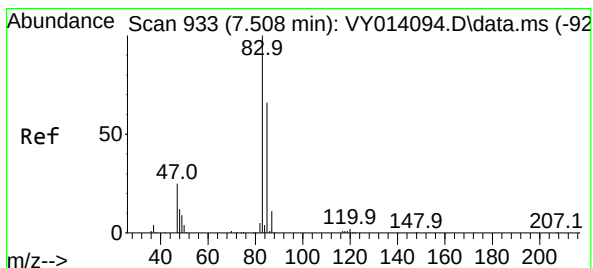
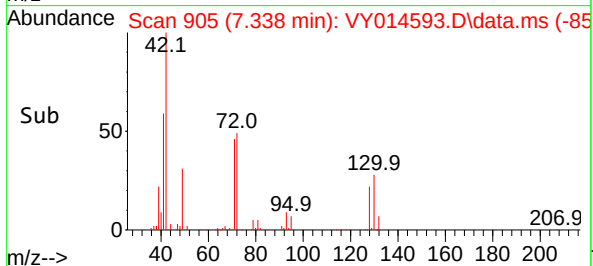
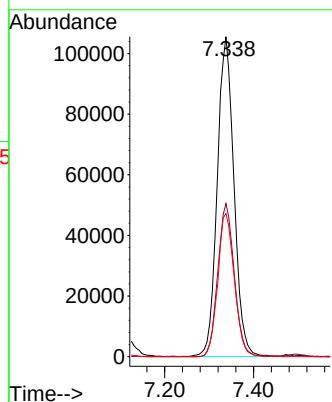
Carlone

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Supervised By :Mahesh

Dadoda

07/07/2023



#30

Chloroform

Concen: 48.980 ug/l

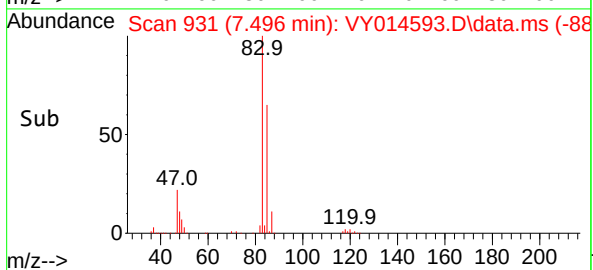
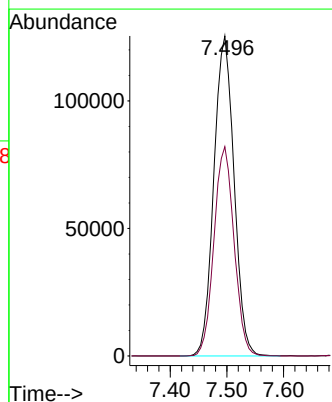
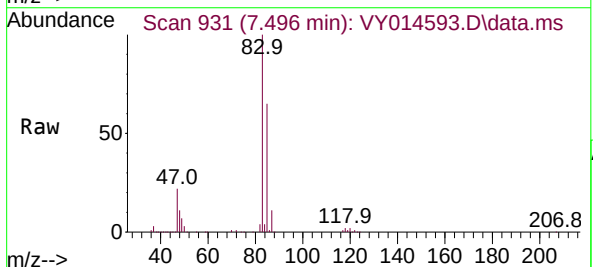
RT: 7.496 min Scan# 931

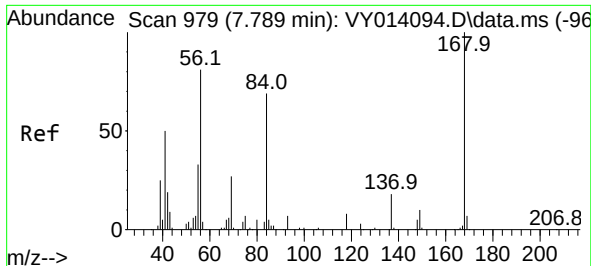
Delta R.T. -0.012 min

Lab File: VY014593.D

Acq: 06 Jul 2023 17:07

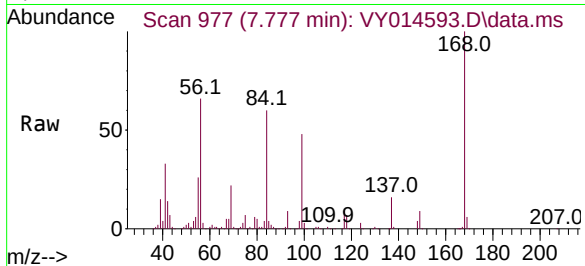
Tgt Ion:	83	Resp:	310207
Ion Ratio	Lower	Upper	
83	100		
85	65.4	49.7	74.5





#31
Cyclohexane
Concen: 46.996 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

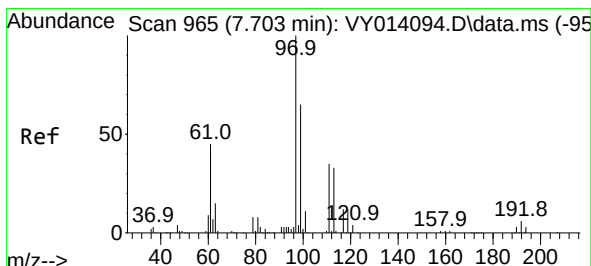
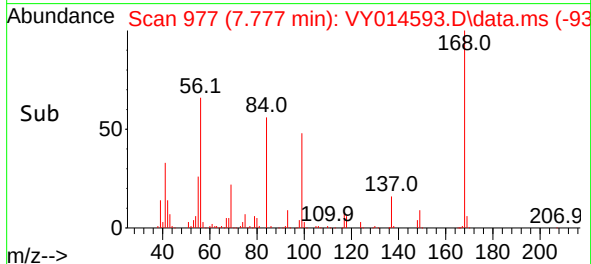
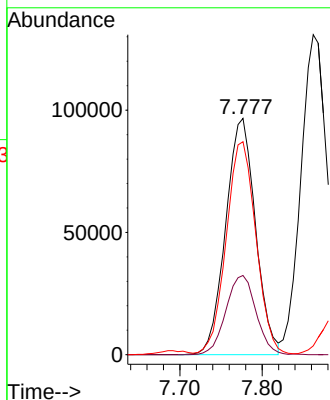


Tgt Ion: 56 Resp: 243500
Ion Ratio Lower Upper
56 100
69 33.5 27.8 41.6
84 88.9 66.4 99.6

Manual Integrations
APPROVED

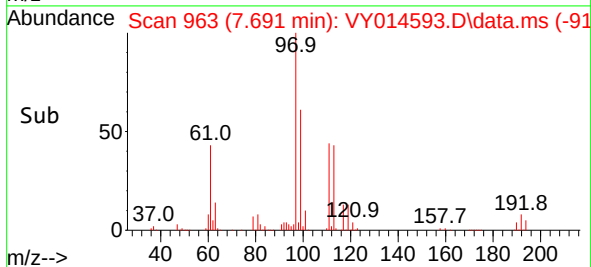
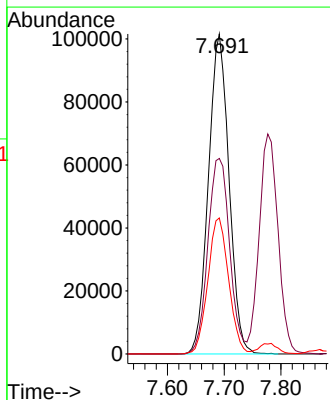
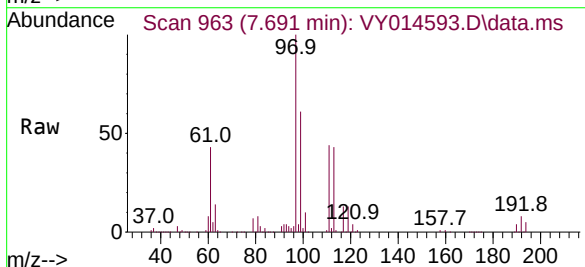
Reviewed By :John
Carlone
07/07/2023

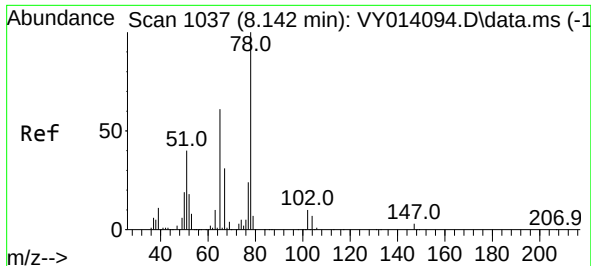
Supervised By :Mahesh
Dadoda
07/07/2023



#32
1,1,1-Trichloroethane
Concen: 47.242 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.012 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Tgt Ion: 97 Resp: 255746
Ion Ratio Lower Upper
97 100
99 65.0 50.8 76.2
61 43.1 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 55.662 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.012 min

Lab File: VY014593.D

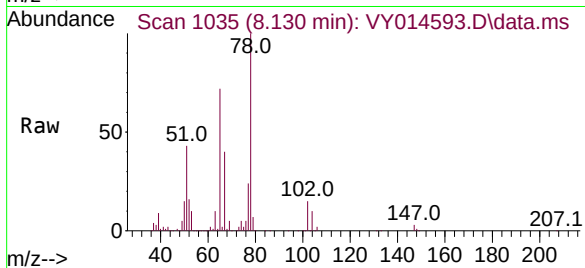
Acq: 06 Jul 2023 17:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 65 Resp: 183830

Ion Ratio Lower Upper

65 100

67 55.1 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John

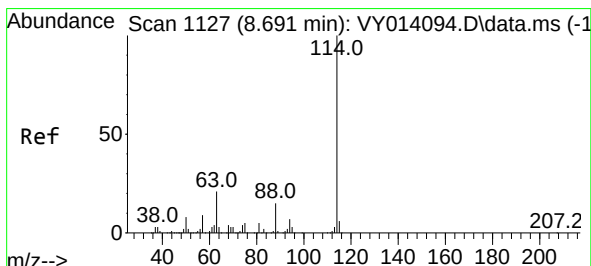
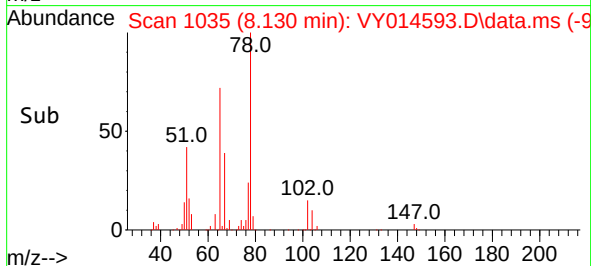
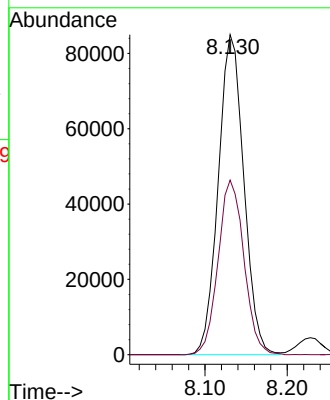
Carlone

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Supervised By :Mahesh

Dadoda

07/07/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.012 min

Lab File: VY014593.D

Acq: 06 Jul 2023 17:07

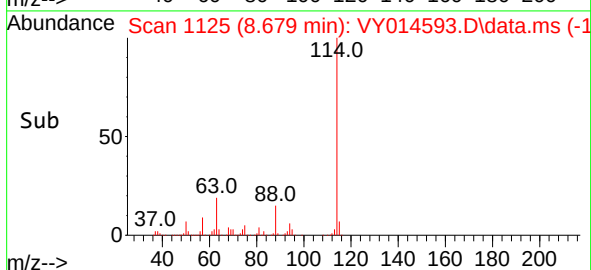
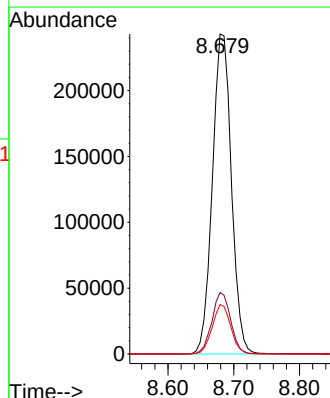
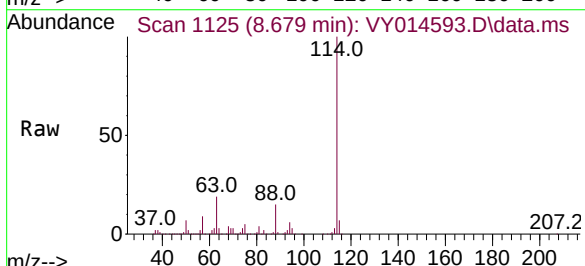
Tgt Ion:114 Resp: 488468

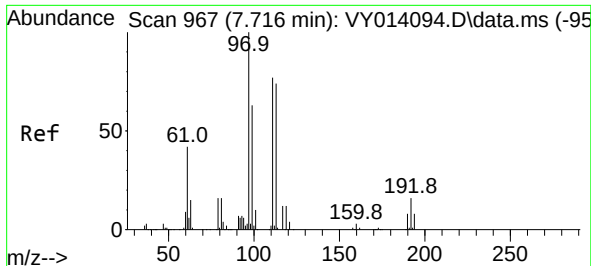
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 56.329 ug/l

RT: 7.704 min Scan# 90

Delta R.T. -0.012 min

Lab File: VY014593.D

Acq: 06 Jul 2023 17:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 169438

Ion Ratio Lower Upper

113 100

111 102.6 81.3 121.9

192 22.3 16.9 25.3

Manual Integrations

APPROVED

Reviewed By :John

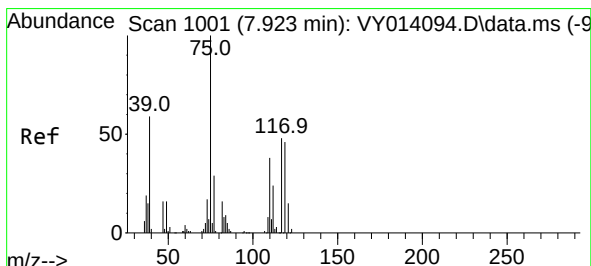
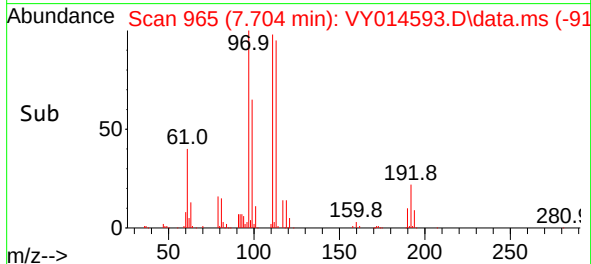
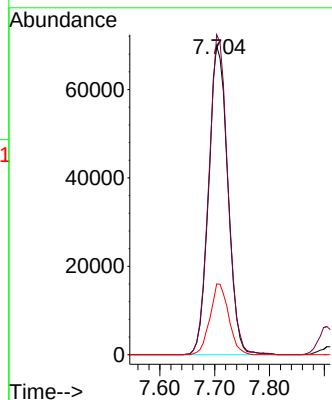
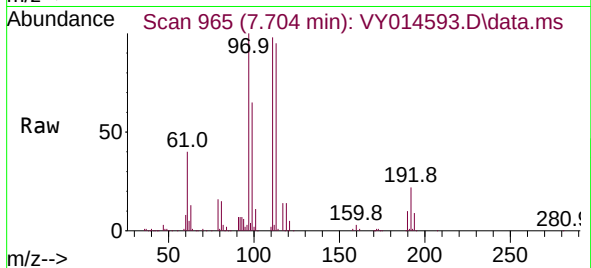
Carlone

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Supervised By :Mahesh

Dadoda

07/07/2023



#36

1,1-Dichloropropene

Concen: 49.776 ug/l

RT: 7.905 min Scan# 998

Delta R.T. -0.018 min

Lab File: VY014593.D

Acq: 06 Jul 2023 17:07

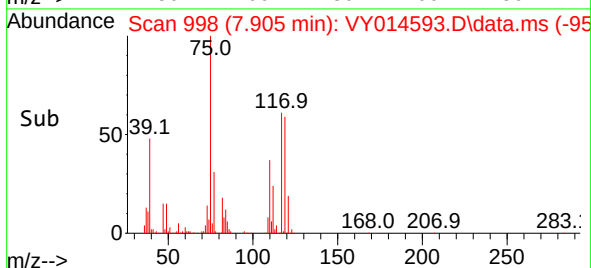
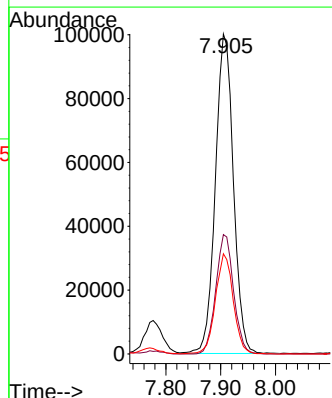
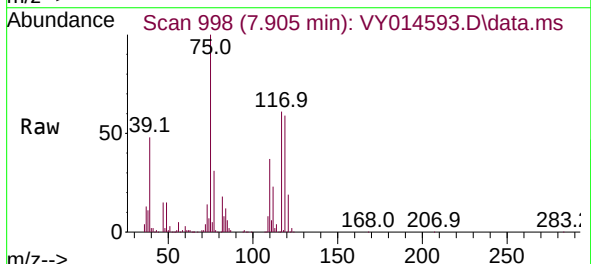
Tgt Ion: 75 Resp: 229294

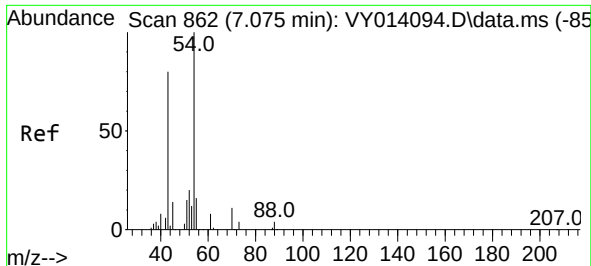
Ion Ratio Lower Upper

75 100

110 36.7 17.8 53.5

77 30.6 24.4 36.6





#37

Ethyl Acetate

Concen: 53.695 ug/l

RT: 7.064 min Scan# 80

Delta R.T. -0.011 min

Lab File: VY014593.D

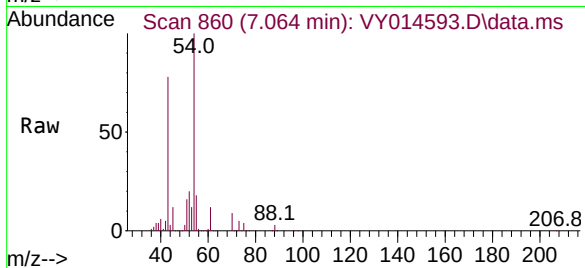
Acq: 06 Jul 2023 17:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 43 Resp: 169630

Ion Ratio Lower Upper

43 100

61 16.2 10.1 15.1

70 11.3 7.1 10.7

Manual Integrations

APPROVED

Reviewed By :John

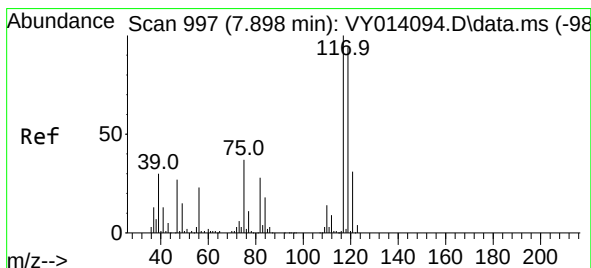
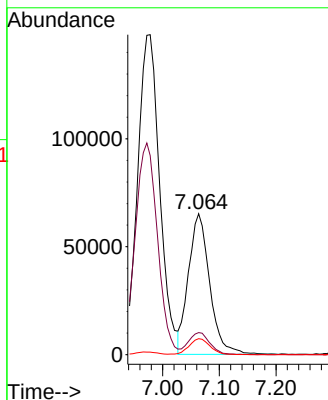
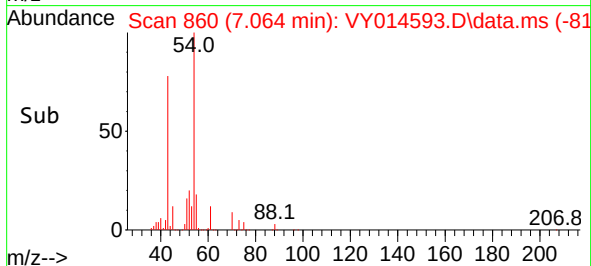
Carlone

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Supervised By :Mahesh

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07/07/2023



#38

Carbon Tetrachloride

Concen: 48.221 ug/l

RT: 7.887 min Scan# 995

Delta R.T. -0.011 min

Lab File: VY014593.D

Acq: 06 Jul 2023 17:07

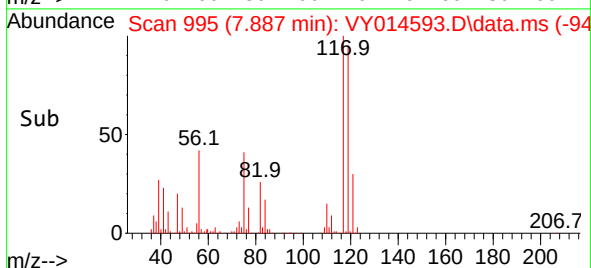
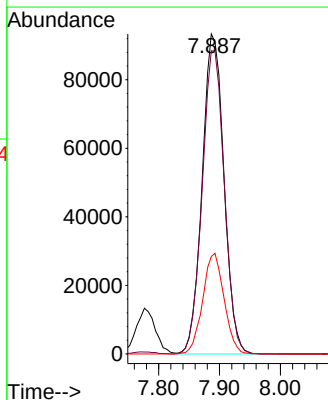
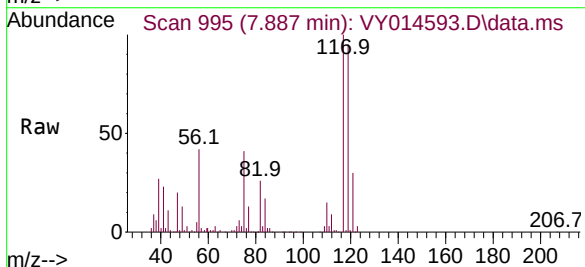
Tgt Ion:117 Resp: 231882

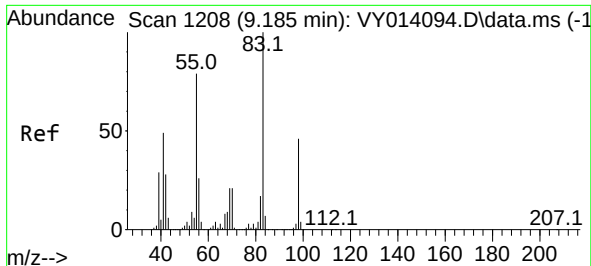
Ion Ratio Lower Upper

117 100

119 94.8 76.4 114.6

121 30.5 25.8 38.6





#39

Methylcyclohexane

Concen: 50.034 ug/l

RT: 9.173 min Scan# 1038

Delta R.T. -0.012 min

Lab File: VY014593.D

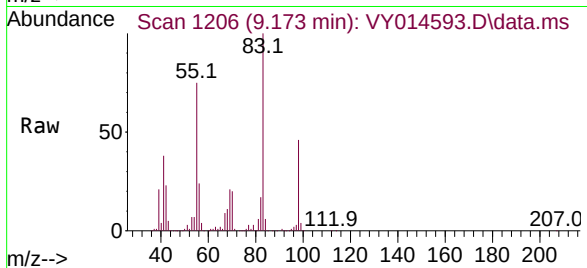
Acq: 06 Jul 2023 17:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion:	83	Resp:	27549
Ion Ratio	Lower	Upper	
83	100		
55	75.4	63.0	94.4
98	46.5	37.4	56.2

Manual Integrations
APPROVED

Reviewed By :John

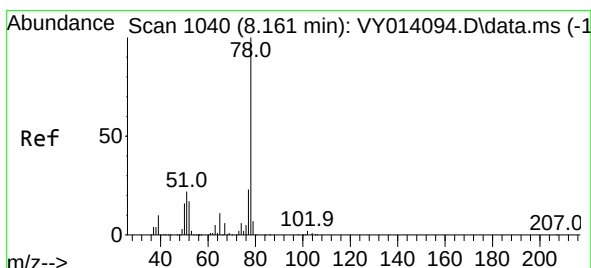
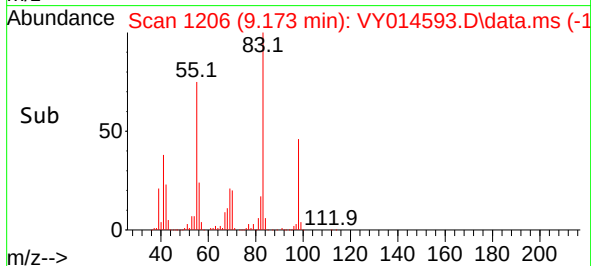
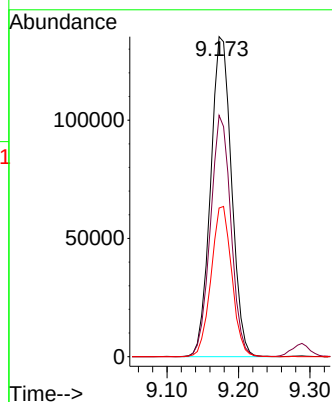
Carlone

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07/07/2023



#40

Benzene

Concen: 48.454 ug/l

RT: 8.149 min Scan# 1038

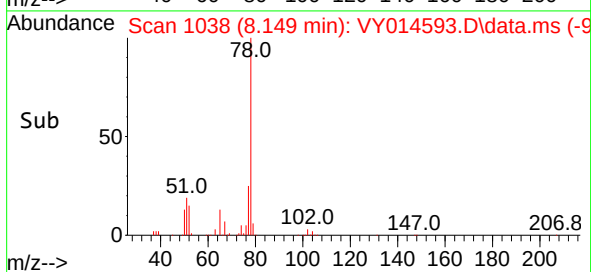
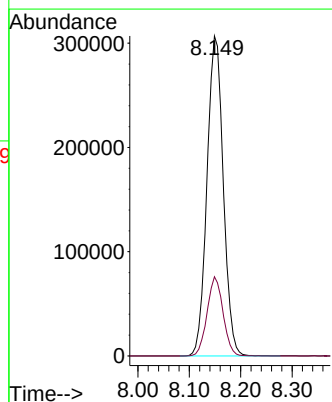
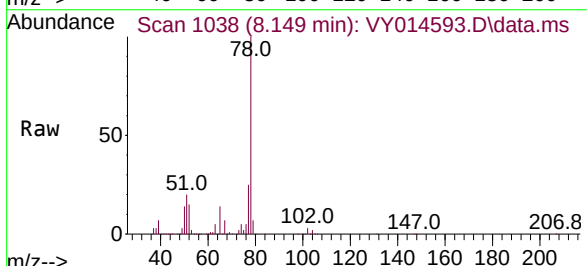
Delta R.T. -0.012 min

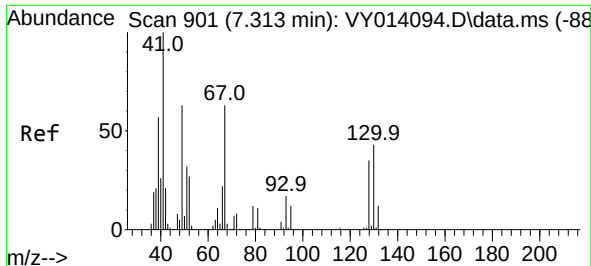
Lab File: VY014593.D

Acq: 06 Jul 2023 17:07

Tgt Ion: 78 Resp: 675636

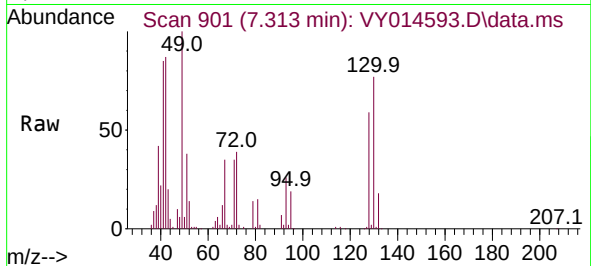
Ion Ratio	Lower	Upper
78	100	
77	24.8	19.0 28.6





#41
Methacrylonitrile
Concen: 61.211 ug/l m
RT: 7.313 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

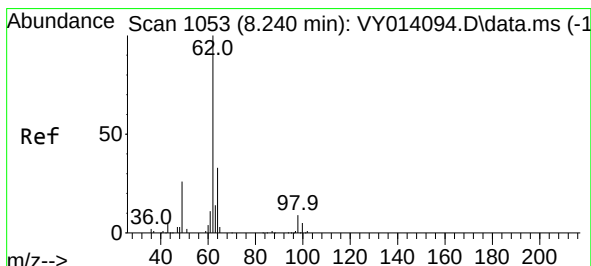
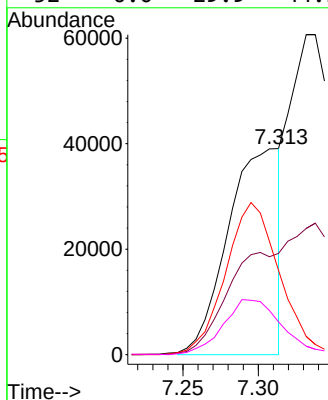
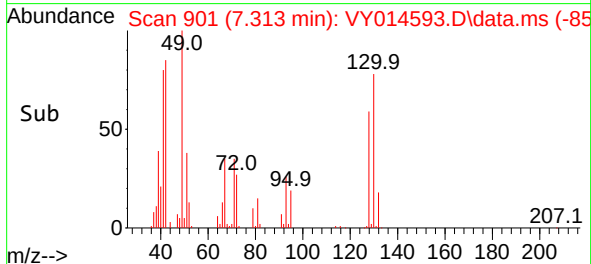


Tgt Ion:	41	Resp:	94469
Ion Ratio	Lower	Upper	
41	100		
39	115.7	52.1	78.1
67	0.0	66.2	99.2
52	0.0	29.9	44.9

Manual Integrations
APPROVED

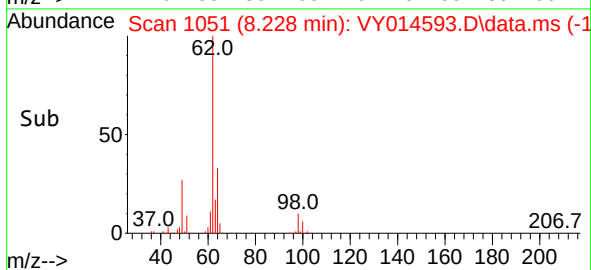
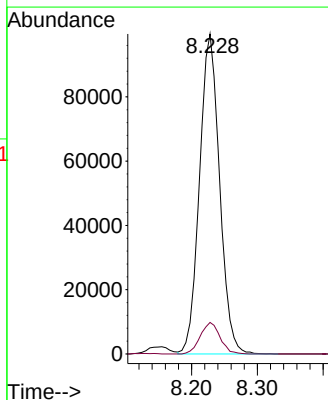
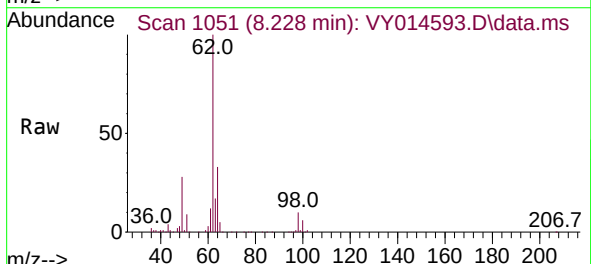
Reviewed By :John
Carlone
07/07/2023

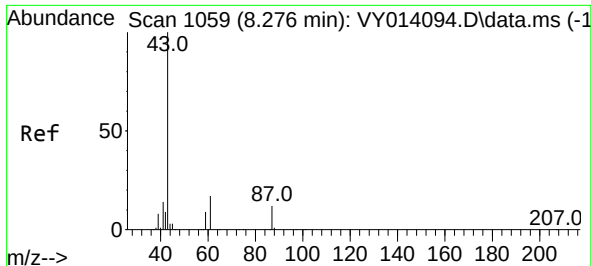
Supervised By :Mahesh
Dadoda
07/07/2023



#42
1,2-Dichloroethane
Concen: 51.624 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.012 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

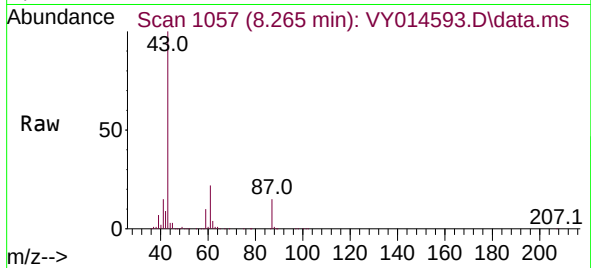
Tgt Ion:	62	Resp:	211580
Ion Ratio	Lower	Upper	
62	100		
98	9.7	0.0	15.8





#43
Isopropyl Acetate
Concen: 53.358 ug/l
RT: 8.265 min Scan# 1057
Delta R.T. -0.011 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

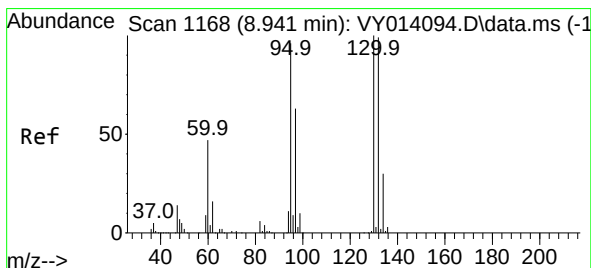
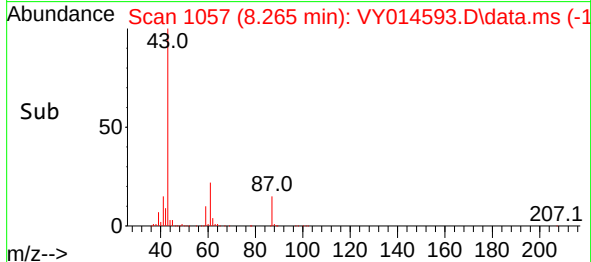
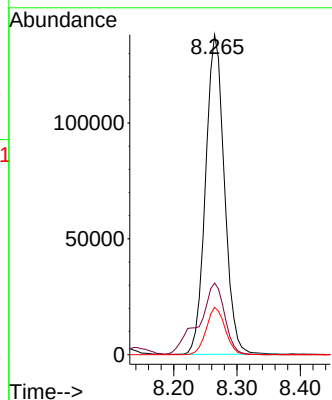


Tgt Ion: 43 Resp: 28566
Ion Ratio Lower Upper
43 100
61 30.9 21.1 31.7
87 14.9 9.8 14.8

Manual Integrations
APPROVED

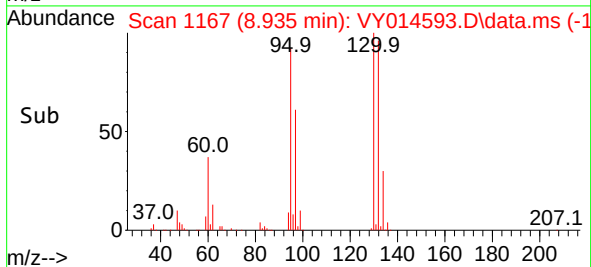
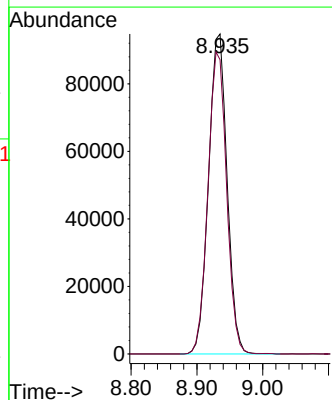
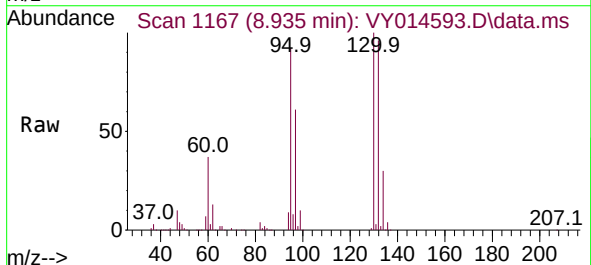
Reviewed By :John
Carlone
07/07/2023

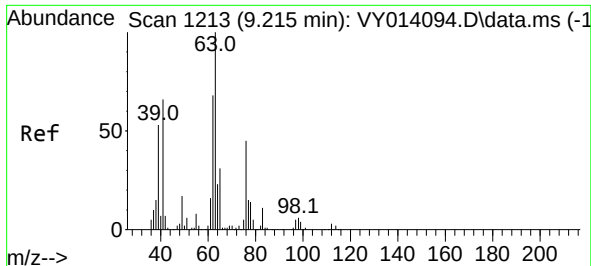
Supervised By :Mahesh
Dadoda
07/07/2023



#44
Trichloroethene
Concen: 47.825 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Tgt Ion:130 Resp: 185916
Ion Ratio Lower Upper
130 100
95 92.0 0.0 196.0





#45

1,2-Dichloropropane

Concen: 51.235 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.006 min

Lab File: VY014593.D

Acq: 06 Jul 2023 17:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 183274

Ion Ratio Lower Upper

63 100

65 32.3 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John

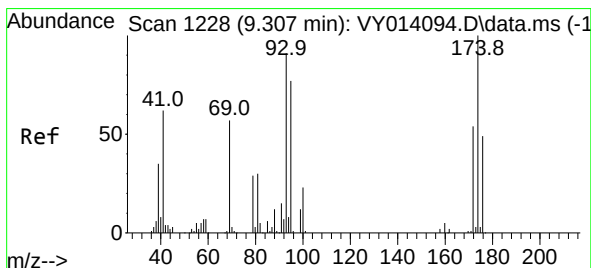
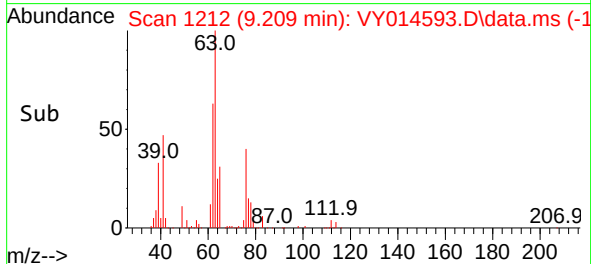
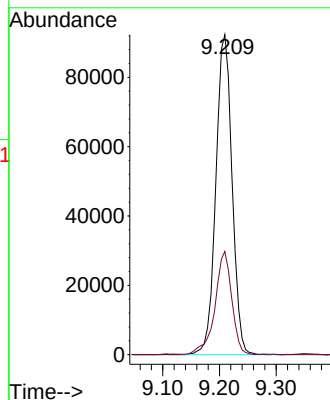
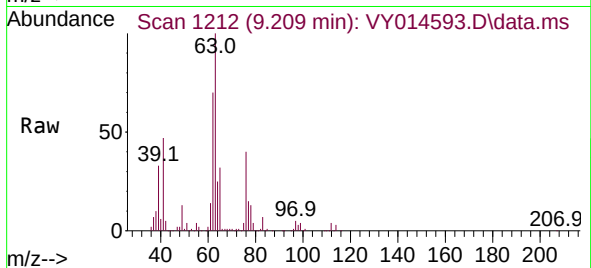
Carlone

07/07/2023

Supervised By :Mahesh

Dadoda

07/07/2023



#46

Dibromomethane

Concen: 51.370 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.012 min

Lab File: VY014593.D

Acq: 06 Jul 2023 17:07

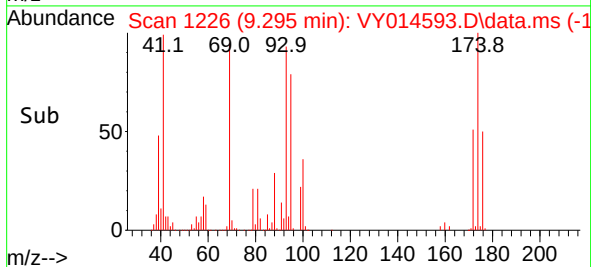
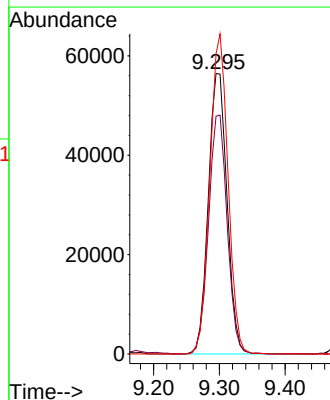
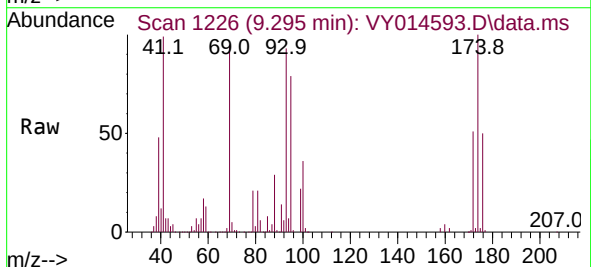
Tgt Ion: 93 Resp: 111869

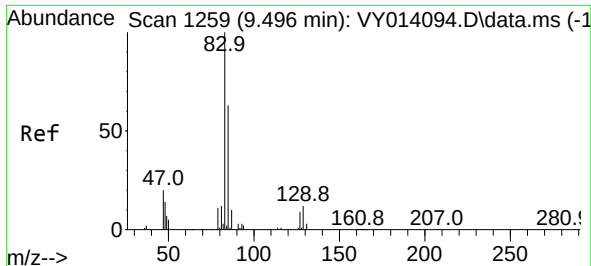
Ion Ratio Lower Upper

93 100

95 84.8 66.6 100.0

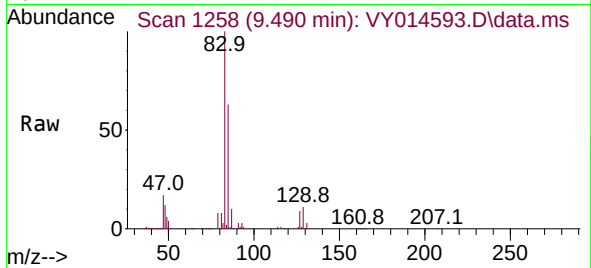
174 110.9 84.8 127.2





#47
Bromodichloromethane
Concen: 50.486 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

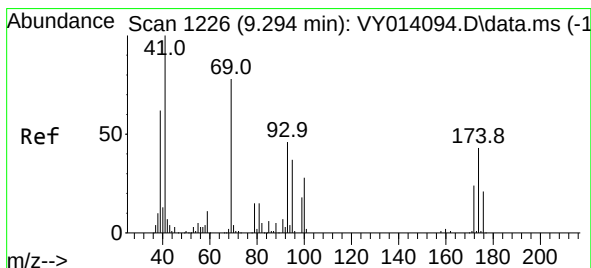
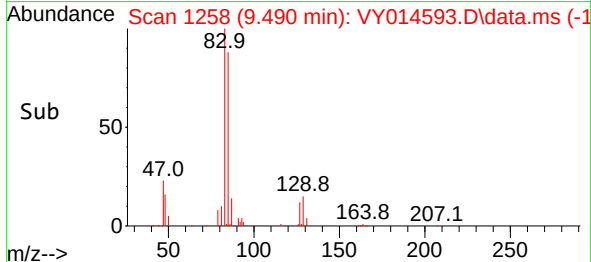
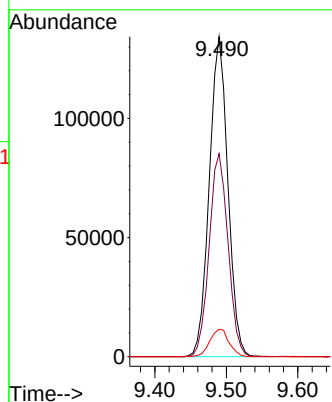


Tgt Ion: 83 Resp: 242249
Ion Ratio Lower Upper
83 100
85 63.5 50.1 75.1
127 8.5 7.1 10.7

Manual Integrations
APPROVED

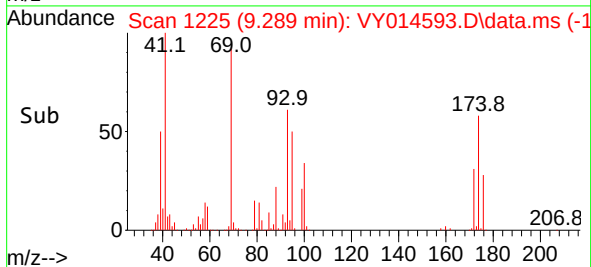
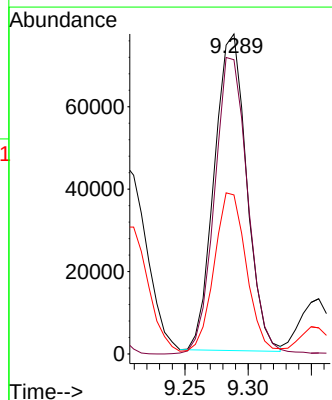
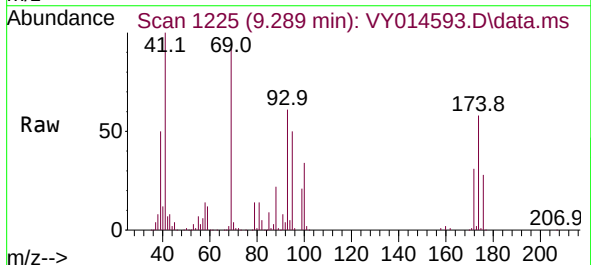
Reviewed By :John
Carlone
07/07/2023

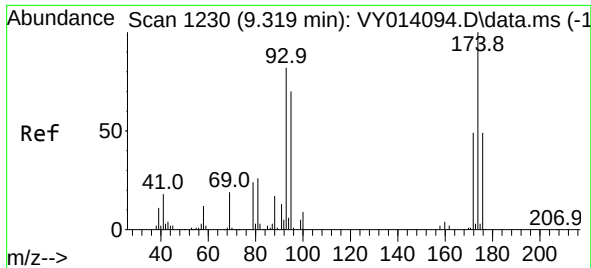
Supervised By :Mahesh
Dadoda
07/07/2023



#48
Methyl methacrylate
Concen: 56.022 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.005 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

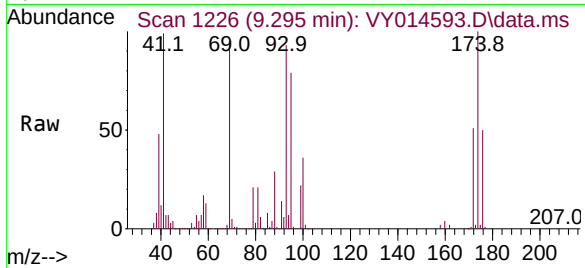
Tgt Ion: 41 Resp: 136389
Ion Ratio Lower Upper
41 100
69 96.5 64.5 96.7
39 49.7 50.8 76.2#





#49
1,4-Dioxane
Concen: 1110.680 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.024 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

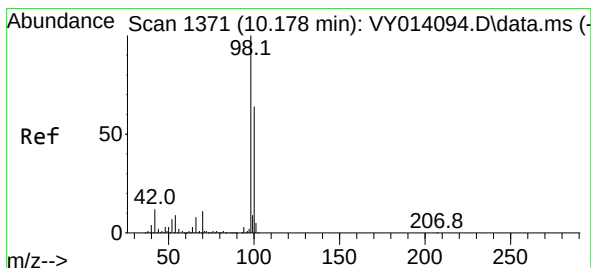
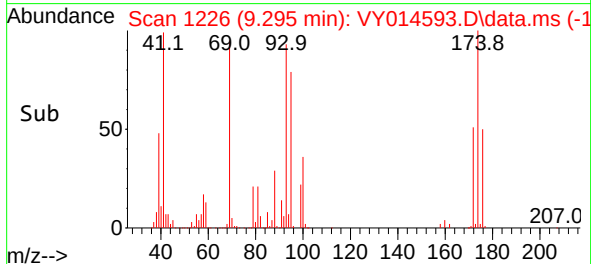
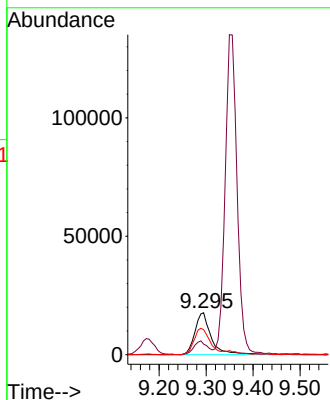


Tgt Ion: 88 Resp: 4319
Ion Ratio Lower Upper
88 100
43 27.2 0.0 0.0
58 69.4 30.9 46.3

Manual Integrations
APPROVED

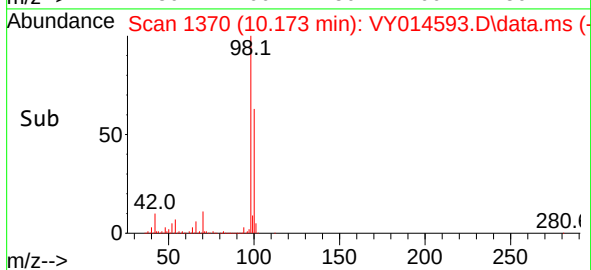
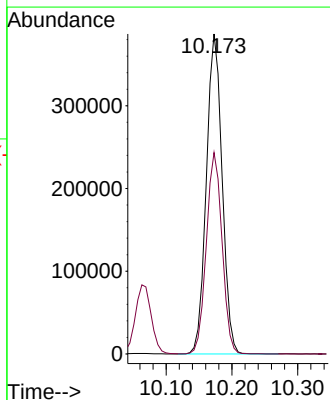
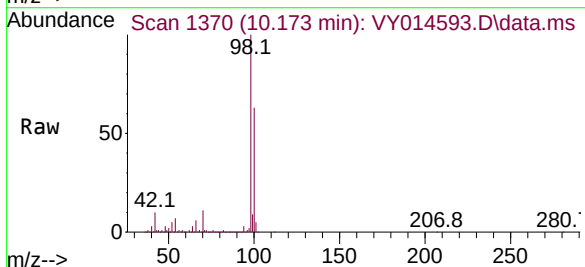
Reviewed By :John
Carlone
07/07/2023

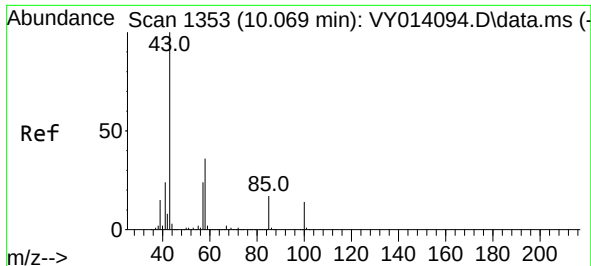
Supervised By :Mahesh
Dadoda
07/07/2023



#50
Toluene-d8
Concen: 54.322 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.005 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Tgt Ion: 98 Resp: 645945
Ion Ratio Lower Upper
98 100
100 62.7 50.1 75.1





#51
4-Methyl-2-Pentanone
Concen: 274.653 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

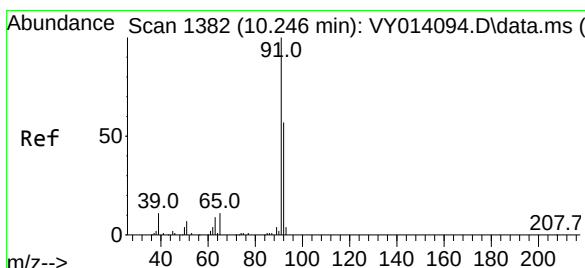
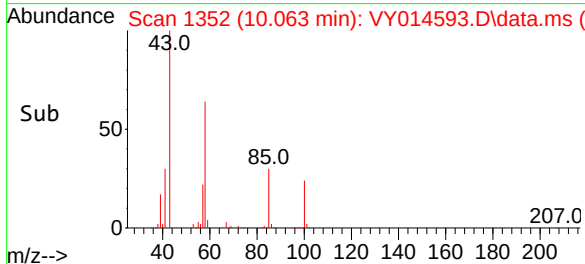
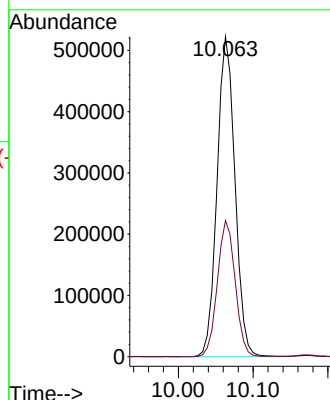
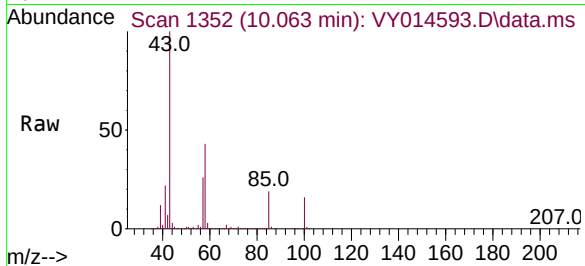
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 870519
Ion Ratio Lower Upper
43 100
58 42.4 29.0 43.6

Manual Integrations
APPROVED

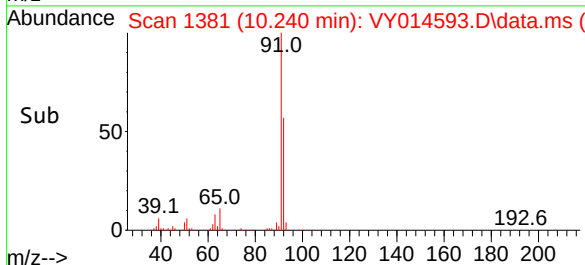
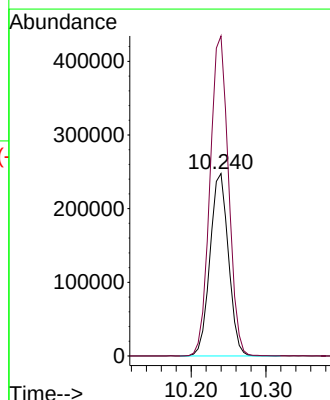
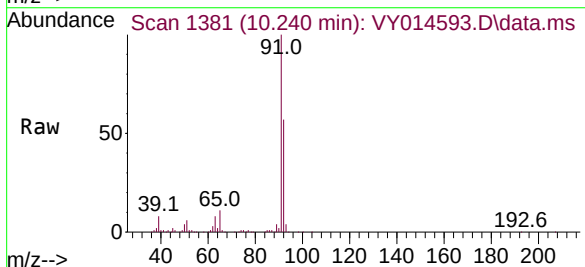
Reviewed By :John
Carlone
07/07/2023

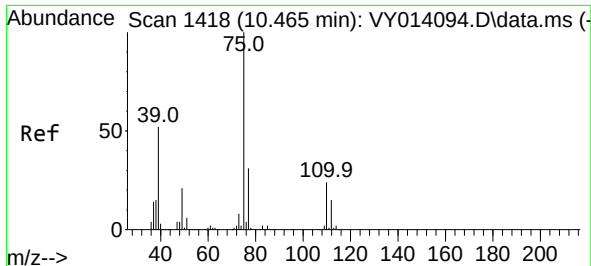
Supervised By :Mahesh
Dadoda
07/07/2023



#52
Toluene
Concen: 48.156 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

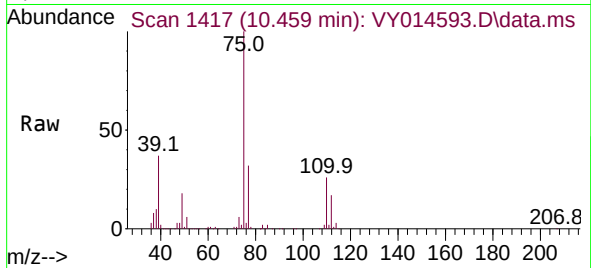
Tgt Ion: 92 Resp: 422557
Ion Ratio Lower Upper
92 100
91 176.8 143.8 215.6





#53
t-1,3-Dichloropropene
Concen: 49.693 ug/l
RT: 10.459 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

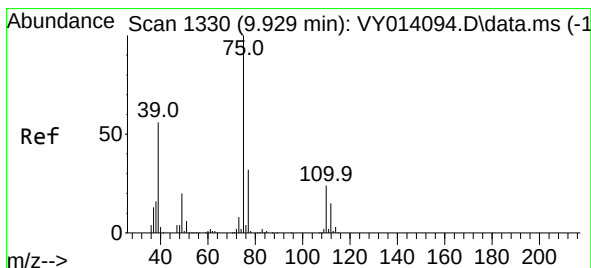
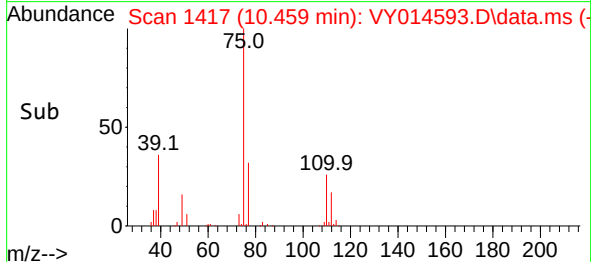
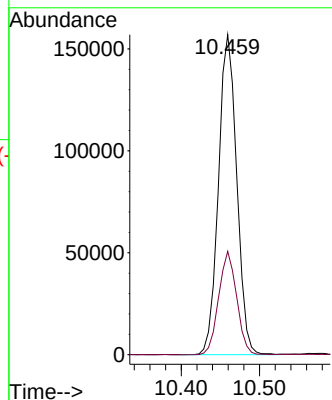


Tgt Ion: 75 Resp: 254978
Ion Ratio Lower Upper
75 100
77 32.3 25.0 37.4

Manual Integrations
APPROVED

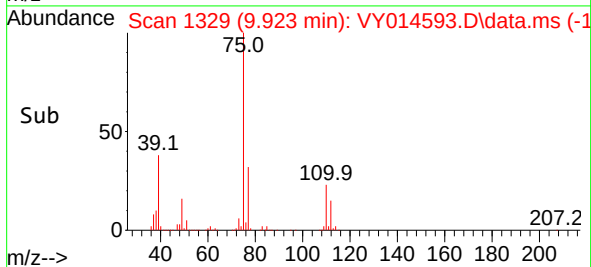
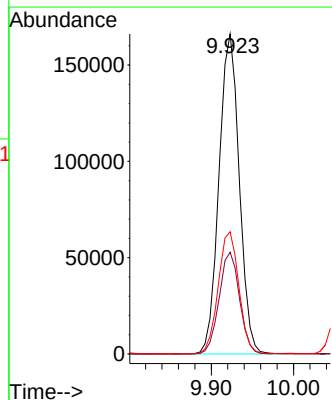
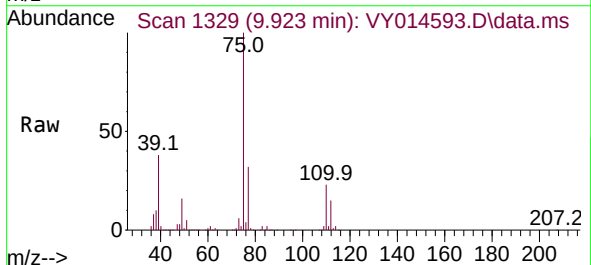
Reviewed By :John
Carlone
07/07/2023

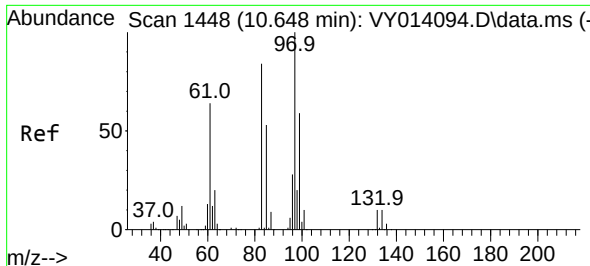
Supervised By :Mahesh
Dadoda
07/07/2023



#54
cis-1,3-Dichloropropene
Concen: 49.654 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

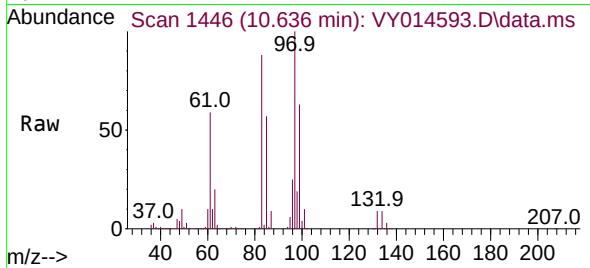
Tgt Ion: 75 Resp: 284264
Ion Ratio Lower Upper
75 100
77 31.8 24.2 36.4
39 38.1 42.2 63.4#





#55
1,1,2-Trichloroethane
Concen: 50.723 ug/l
RT: 10.636 min Scan# 1446
Delta R.T. -0.012 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

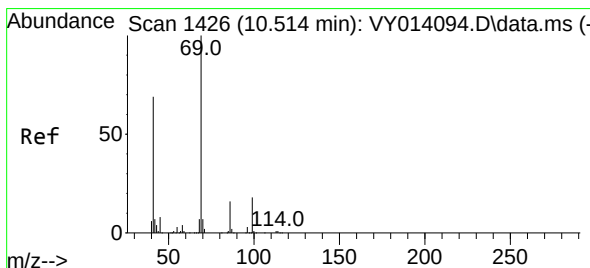
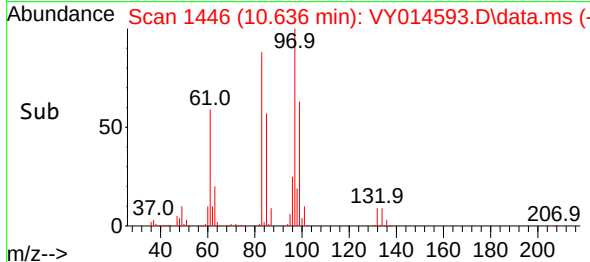
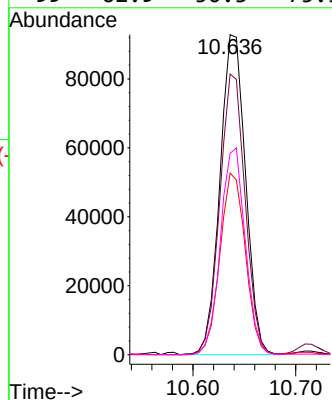


Tgt Ion:	97	Resp:	160728
Ion	Ratio	Lower	Upper
97	100		
83	87.7	72.0	108.0
85	56.8	45.4	68.0
99	62.9	50.3	75.5

Manual Integrations
APPROVED

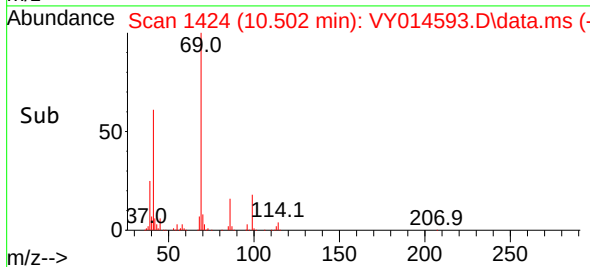
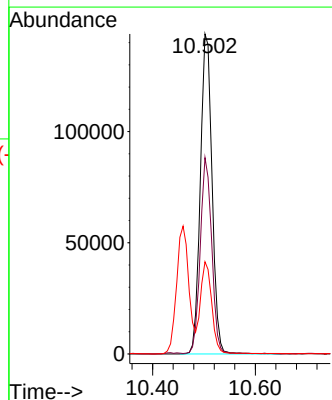
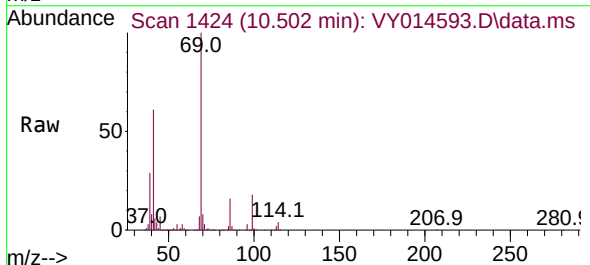
Reviewed By :John
Carlone
07/07/2023

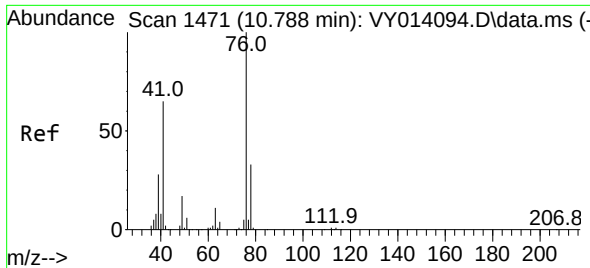
Supervised By :Mahesh
Dadoda
07/07/2023



#56
Ethyl methacrylate
Concen: 52.744 ug/l
RT: 10.502 min Scan# 1424
Delta R.T. -0.012 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

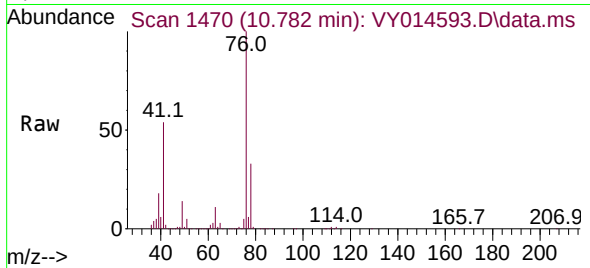
Tgt Ion:	69	Resp:	227351
Ion	Ratio	Lower	Upper
69	100		
41	59.7	57.6	86.4
39	27.3	34.1	51.1





#57
1,3-Dichloropropane
Concen: 50.954 ug/l
RT: 10.782 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

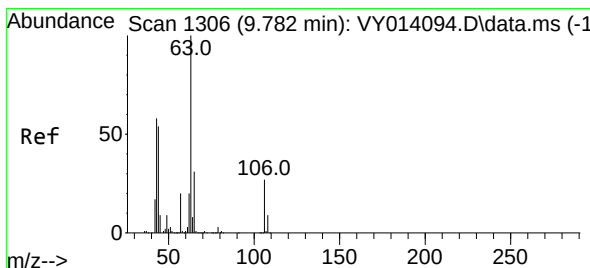
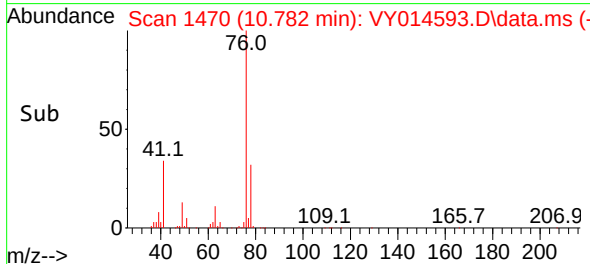
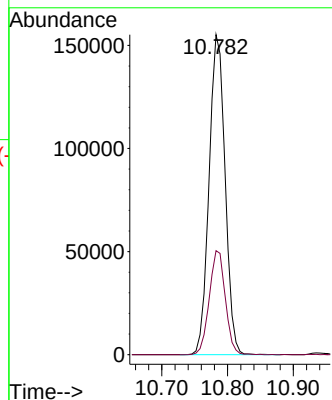


Tgt Ion: 76 Resp: 263082
Ion Ratio Lower Upper
76 100
78 32.5 25.3 37.9

Manual Integrations
APPROVED

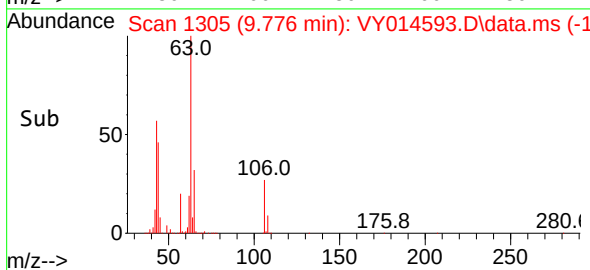
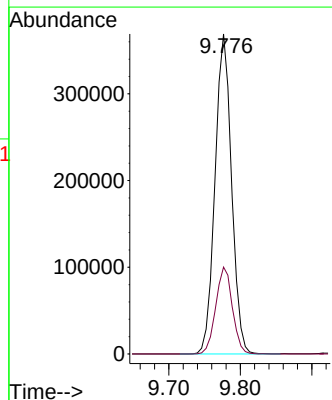
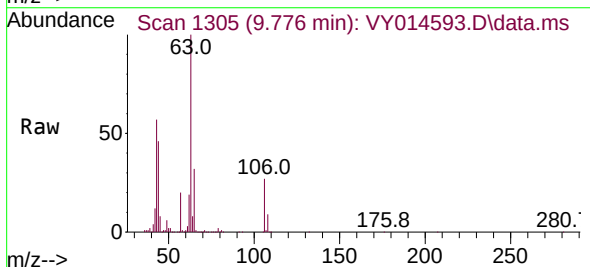
Reviewed By :John
Carlone
07/07/2023

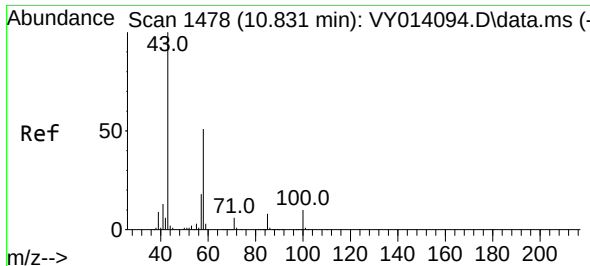
Supervised By :Mahesh
Dadoda
07/07/2023



#58
2-Chloroethyl Vinyl ether
Concen: 283.188 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. -0.006 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

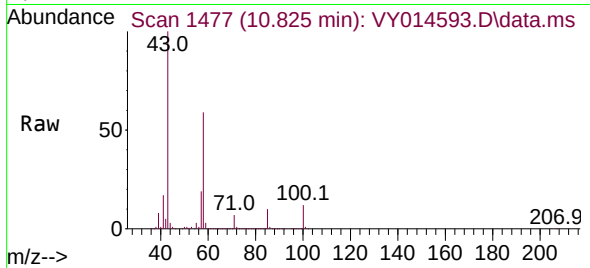
Tgt Ion: 63 Resp: 591358
Ion Ratio Lower Upper
63 100
106 27.3 21.2 31.8





#59
2-Hexanone
Concen: 280.858 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

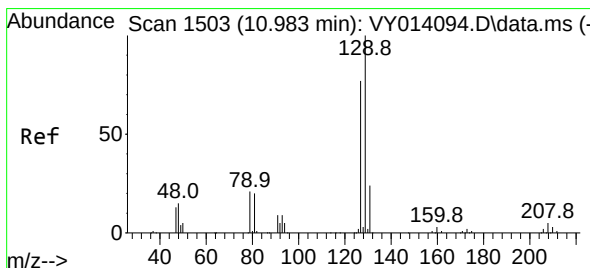
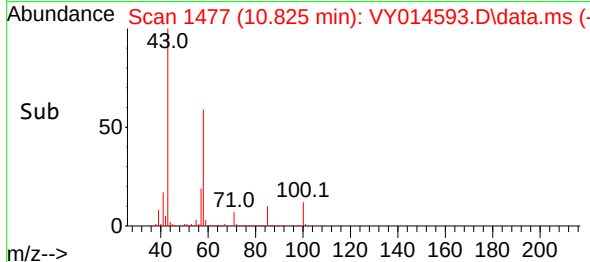
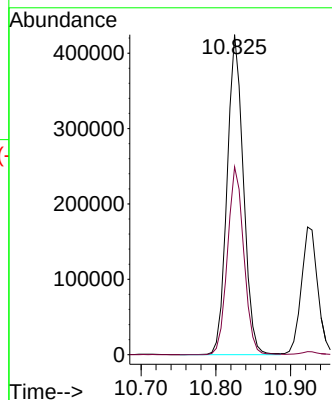


Tgt Ion: 43 Resp: 643032
Ion Ratio Lower Upper
43 100
58 58.8 25.1 75.3

Manual Integrations
APPROVED

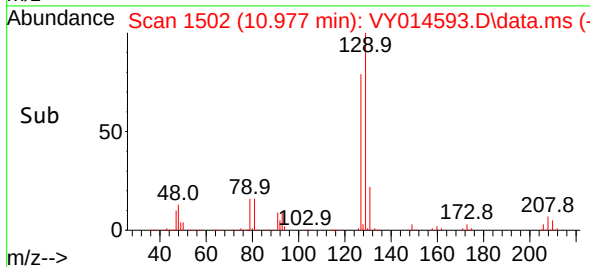
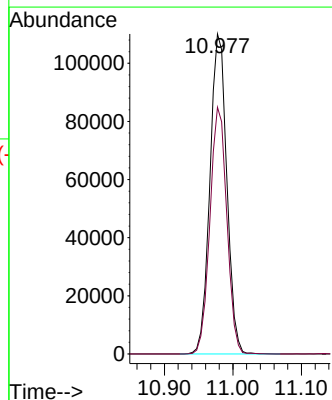
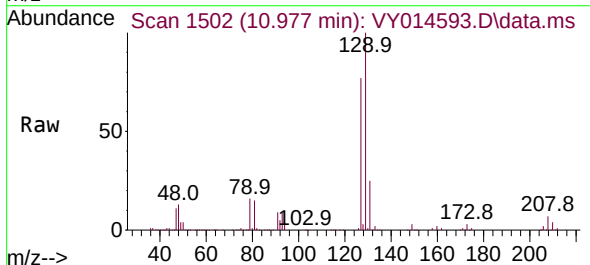
Reviewed By :John
Carlone
07/07/2023

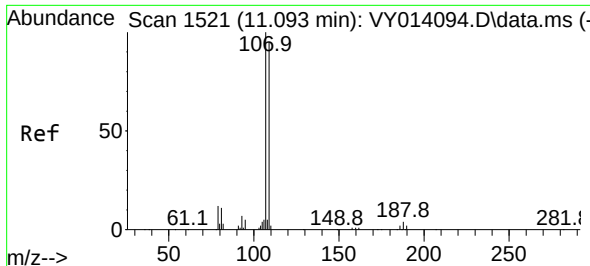
Supervised By :Mahesh
Dadoda
07/07/2023



#60
Dibromochloromethane
Concen: 50.755 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

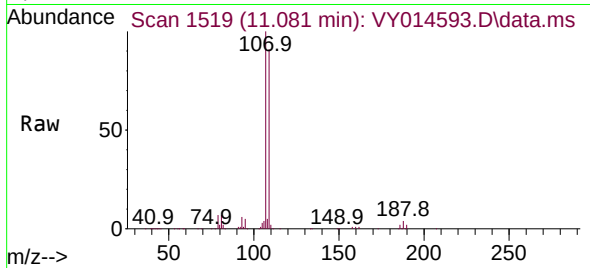
Tgt Ion:129 Resp: 188454
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5





#61
1,2-Dibromoethane
Concen: 51.456 ug/l
RT: 11.081 min Scan# 1519
Delta R.T. -0.012 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

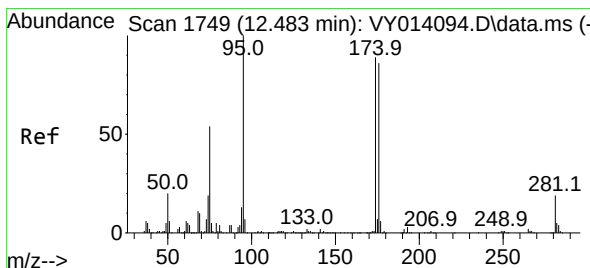
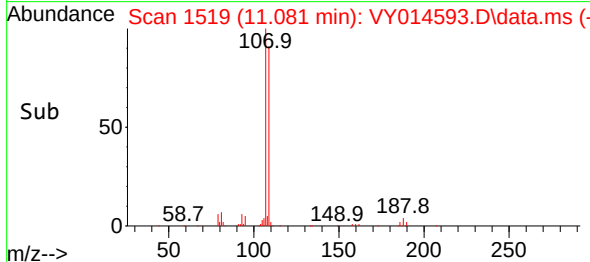
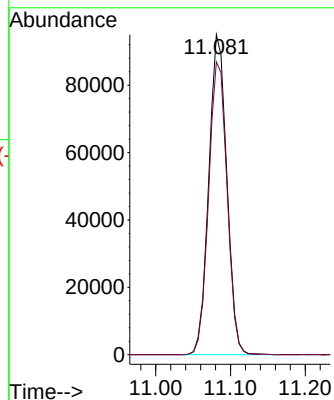


Tgt Ion:107 Resp: 15918
Ion Ratio Lower Upper
107 100
109 93.4 75.6 113.4

Manual Integrations
APPROVED

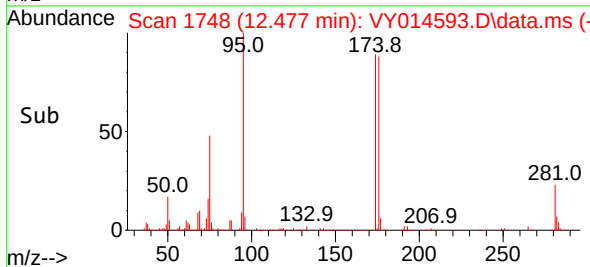
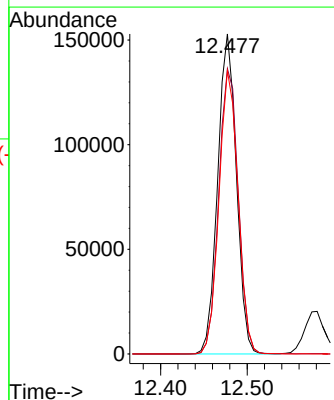
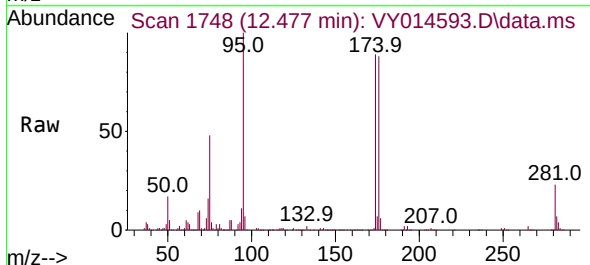
Reviewed By :John
Carlone
07/07/2023

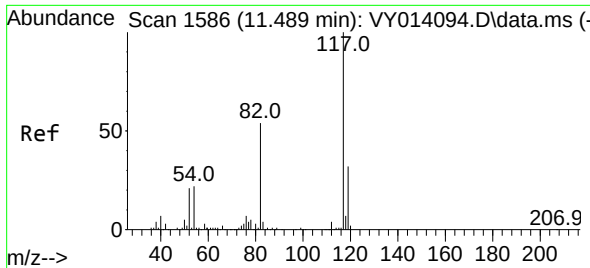
Supervised By :Mahesh
Dadoda
07/07/2023



#62
4-Bromofluorobenzene
Concen: 55.589 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

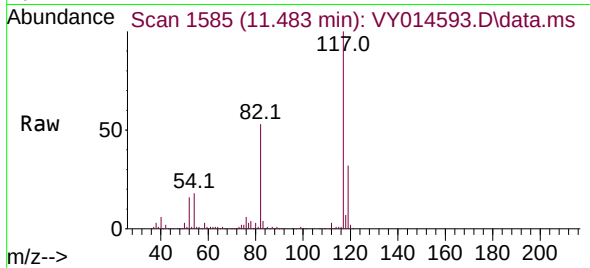
Tgt Ion: 95 Resp: 229530
Ion Ratio Lower Upper
95 100
174 93.2 0.0 178.2
176 90.3 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

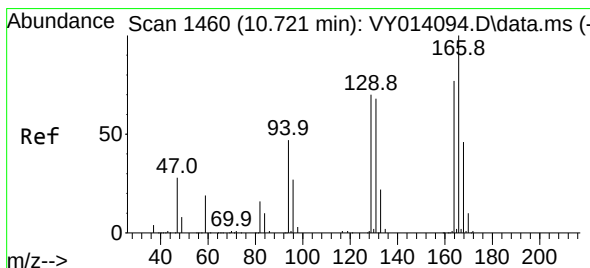
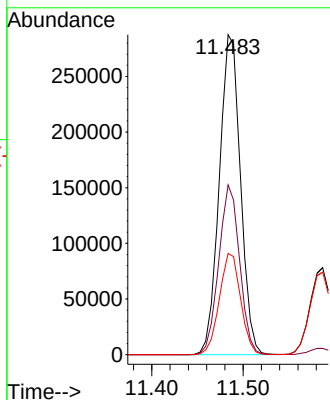
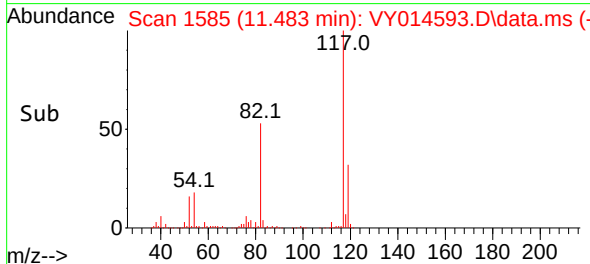


Tgt Ion:117 Resp: 463874
Ion Ratio Lower Upper
117 100
82 53.0 43.4 65.0
119 31.6 26.3 39.5

Manual Integrations
APPROVED

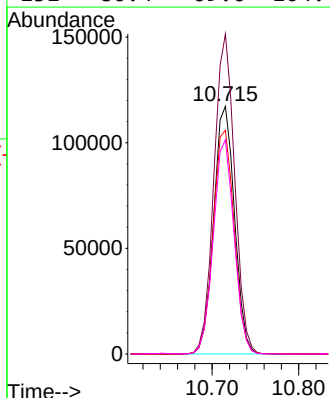
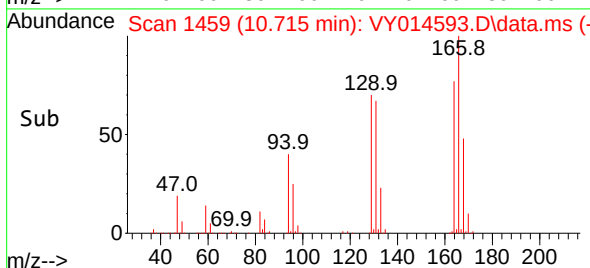
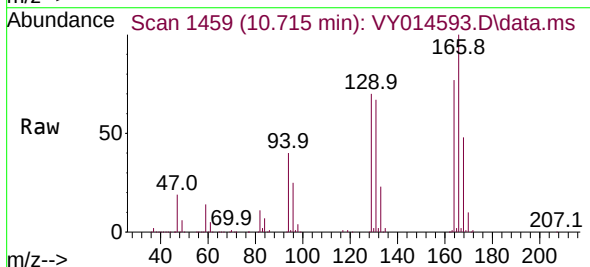
Reviewed By :John
Carlone
07/07/2023

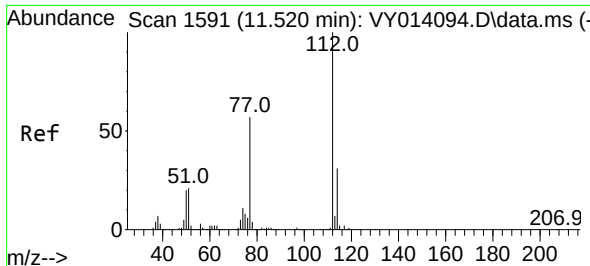
Supervised By :Mahesh
Dadoda
07/07/2023



#64
Tetrachloroethene
Concen: 47.369 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

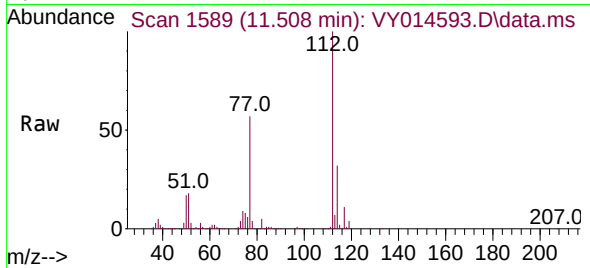
Tgt Ion:164 Resp: 196427
Ion Ratio Lower Upper
164 100
166 129.2 103.0 154.6
129 90.4 77.2 115.8
131 86.4 69.6 104.4





#65
Chlorobenzene
Concen: 47.452 ug/l
RT: 11.508 min Scan# 111
Delta R.T. -0.012 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

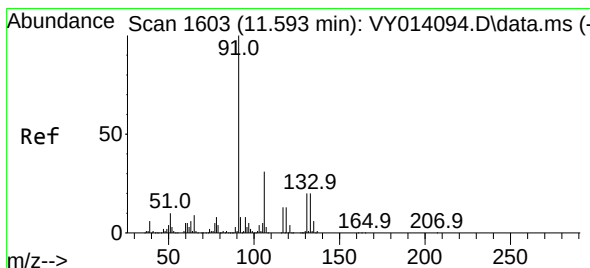
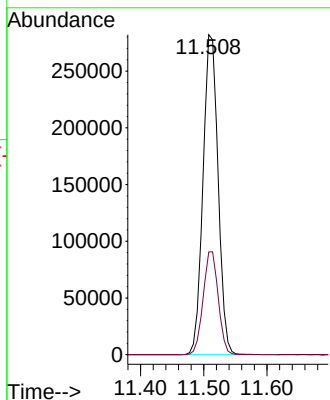
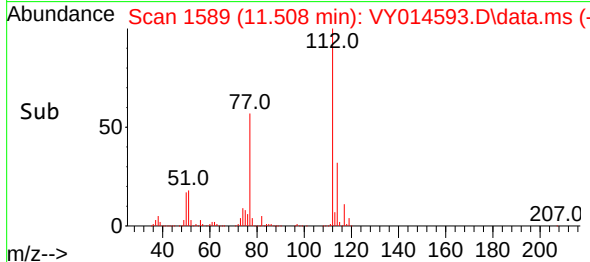


Tgt Ion:112 Resp: 469092
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3

Manual Integrations
APPROVED

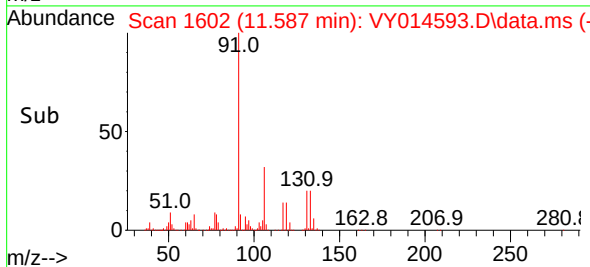
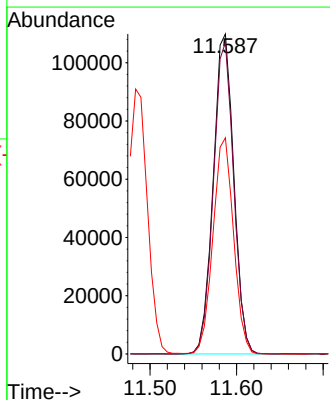
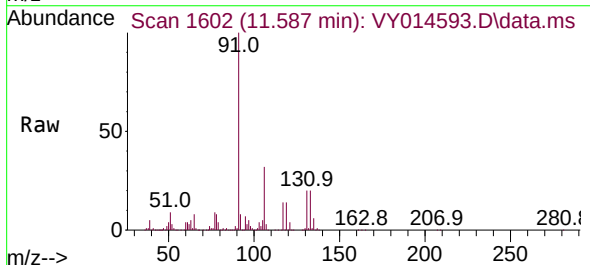
Reviewed By :John
Carlone
07/07/2023

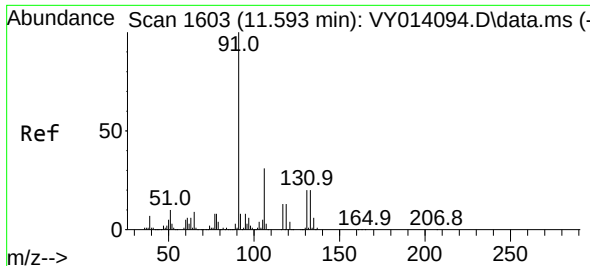
Supervised By :Mahesh
Dadoda
07/07/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 48.346 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

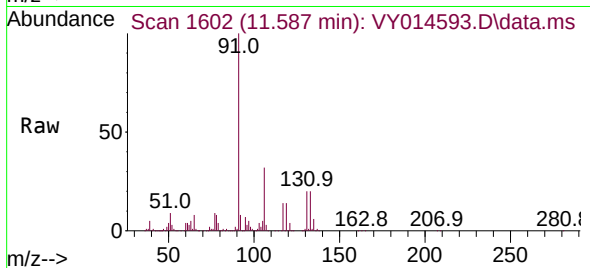
Tgt Ion:131 Resp: 181647
Ion Ratio Lower Upper
131 100
133 95.9 47.5 142.6
119 67.5 31.6 94.7





#67
Ethyl Benzene
Concen: 48.182 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

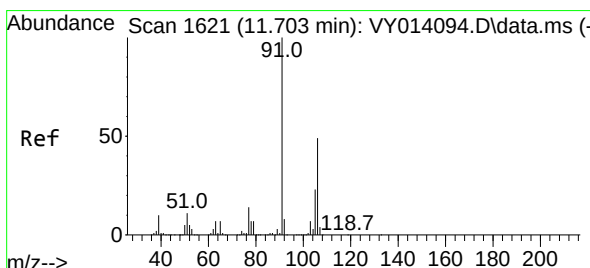
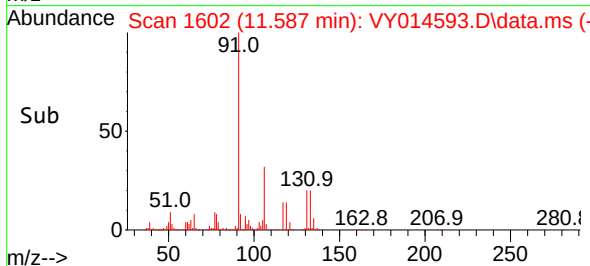
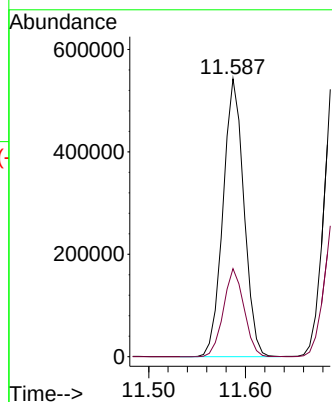


Tgt Ion: 91 Resp: 812240
Ion Ratio Lower Upper
91 100
106 31.7 24.6 36.8

Manual Integrations
APPROVED

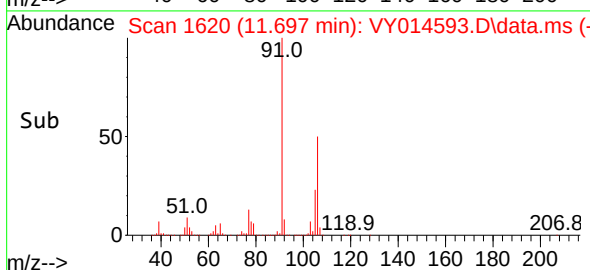
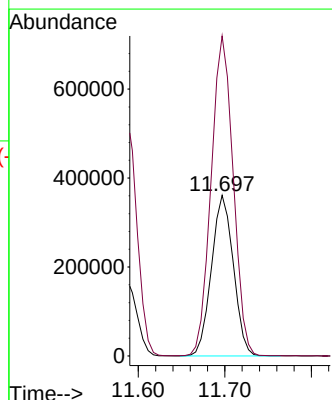
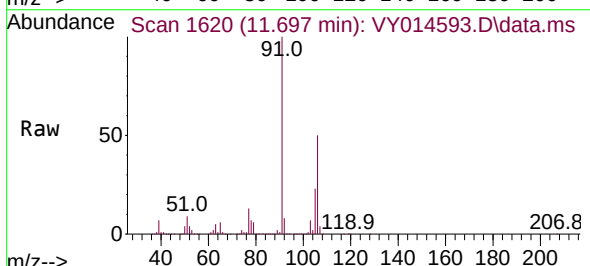
Reviewed By :John
Carlone
07/07/2023

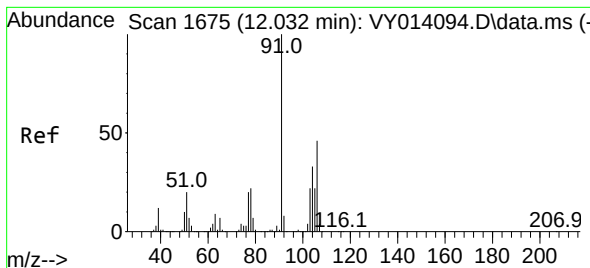
Supervised By :Mahesh
Dadoda
07/07/2023



#68
m/p-Xylenes
Concen: 94.783 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

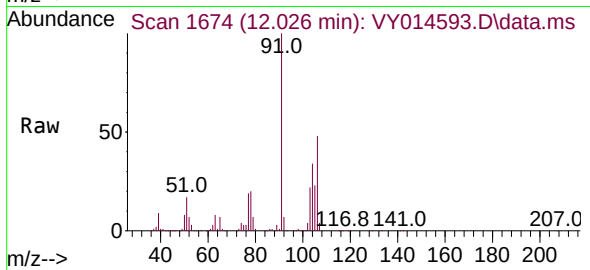
Tgt Ion:106 Resp: 633811
Ion Ratio Lower Upper
106 100
91 201.2 166.1 249.1





#69
o-Xylene
Concen: 47.890 ug/l
RT: 12.026 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

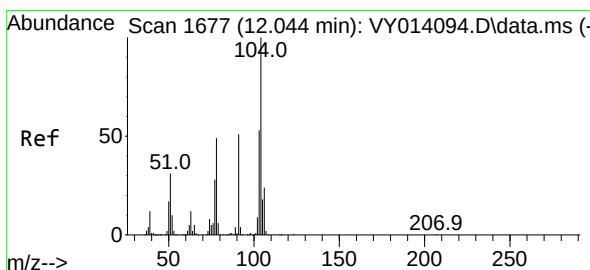
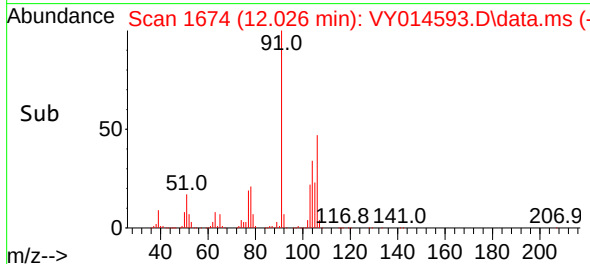
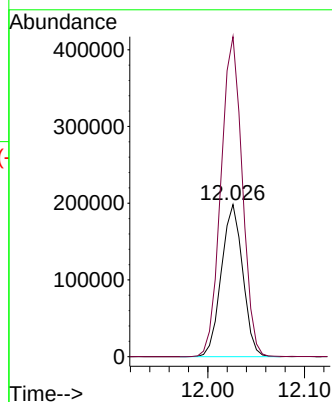


Tgt Ion:106 Resp: 303730
Ion Ratio Lower Upper
106 100
91 209.7 108.1 324.3

Manual Integrations
APPROVED

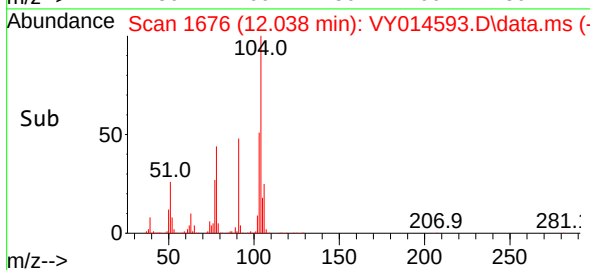
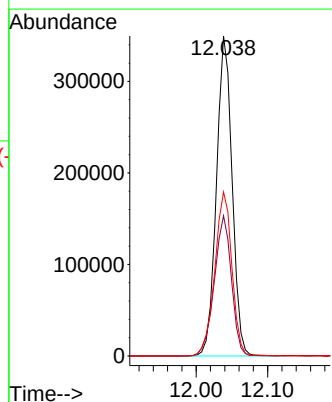
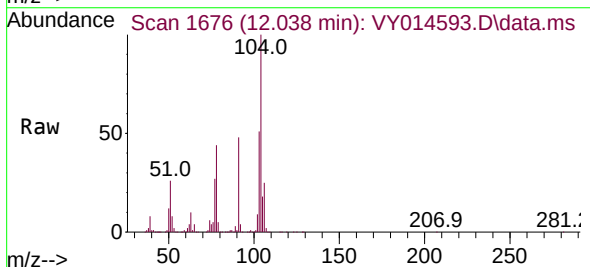
Reviewed By :John
Carlone
07/07/2023

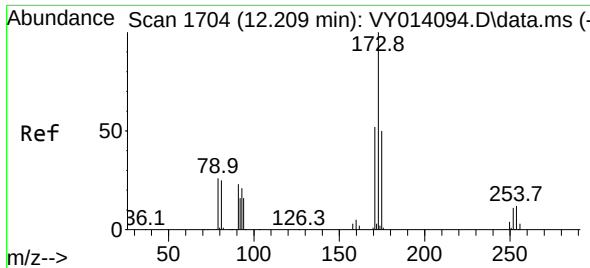
Supervised By :Mahesh
Dadoda
07/07/2023



#70
Styrene
Concen: 48.718 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

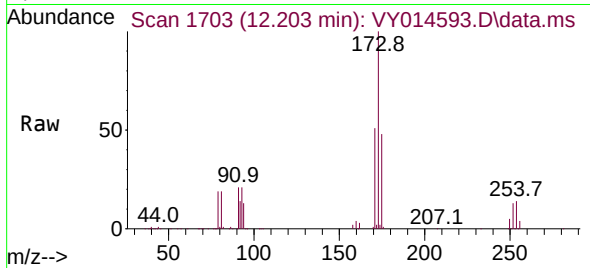
Tgt Ion:104 Resp: 531605
Ion Ratio Lower Upper
104 100
78 47.8 41.5 62.3
103 55.9 44.6 67.0





#71
Bromoform
Concen: 49.948 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

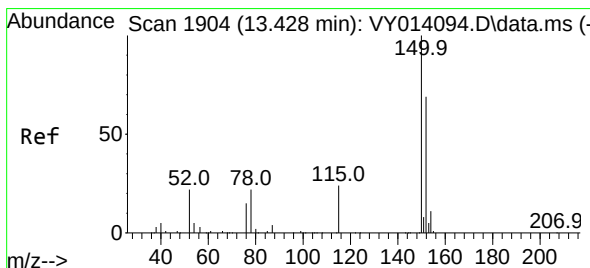
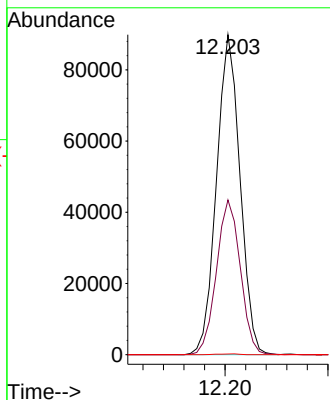
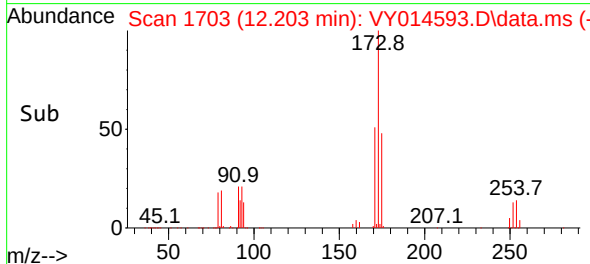


Tgt Ion:173 Resp: 142579
Ion Ratio Lower Upper
173 100
175 49.0 24.6 73.8
254 0.2 0.2 0.2

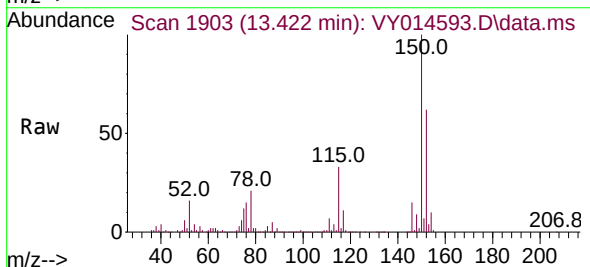
Manual Integrations
APPROVED

Reviewed By :John
Carlone
07/07/2023

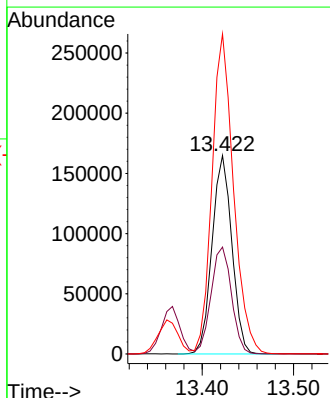
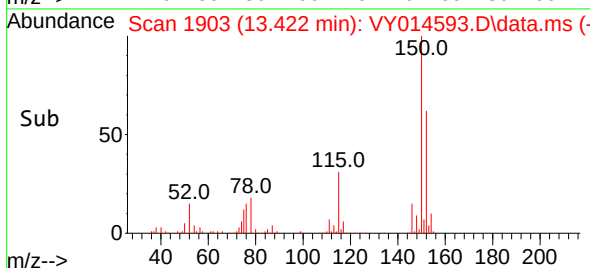
Supervised By :Mahesh
Dadoda
07/07/2023

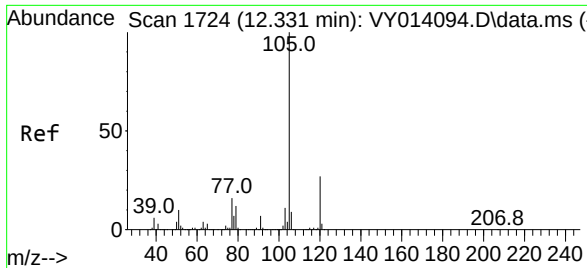


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07



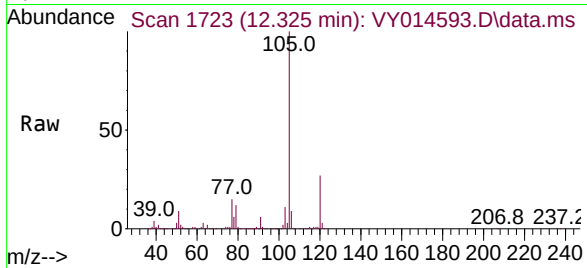
Tgt Ion:152 Resp: 248584
Ion Ratio Lower Upper
152 100
115 55.6 28.8 86.5
150 175.3 0.0 348.8





#73
Isopropylbenzene
Concen: 48.125 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

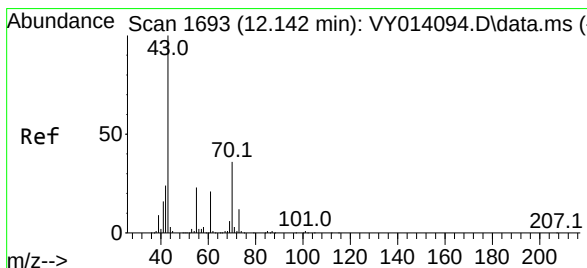
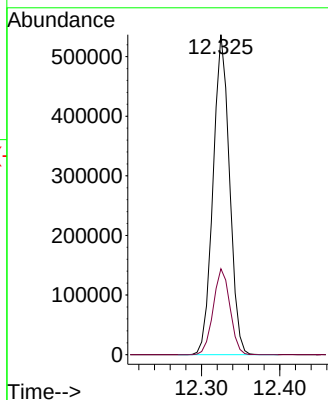
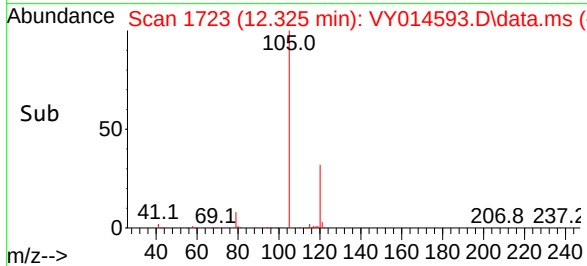


Tgt Ion:105 Resp: 783490
Ion Ratio Lower Upper
105 100
120 27.3 13.3 39.9

Manual Integrations
APPROVED

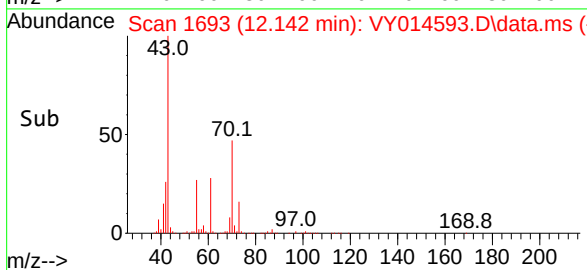
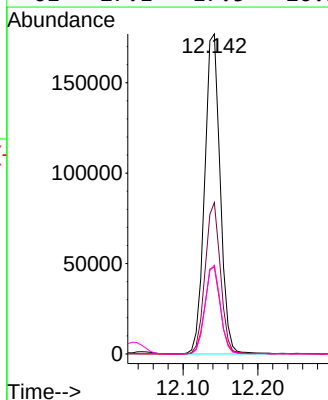
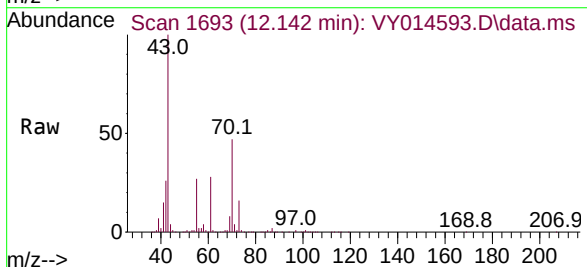
Reviewed By :John
Carlone
07/07/2023

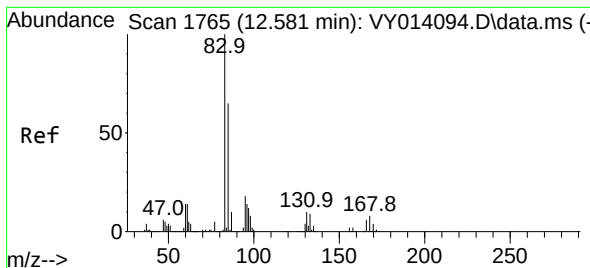
Supervised By :Mahesh
Dadoda
07/07/2023



#74
N-ethyl acetate
Concen: 52.056 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

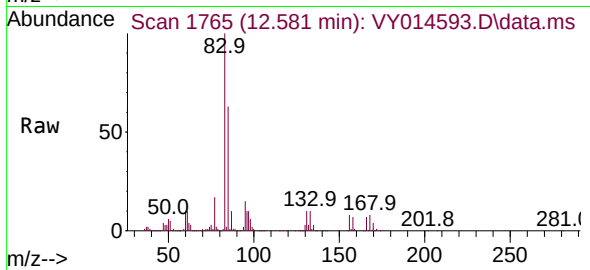
Tgt Ion: 43 Resp: 255782
Ion Ratio Lower Upper
43 100
70 46.6 29.7 44.5#
55 27.6 18.3 27.5#
61 27.1 17.5 26.3#





#75
1,1,2,2-Tetrachloroethane
Concen: 51.846 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

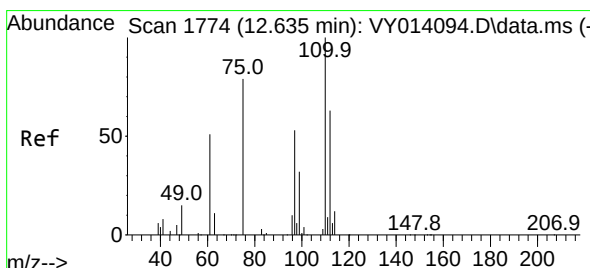
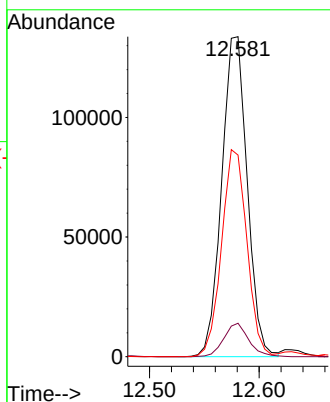
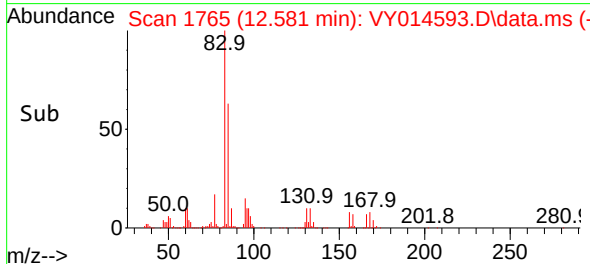


Tgt Ion: 83 Resp: 216610
Ion Ratio Lower Upper
83 100
131 10.2 5.4 16.2
85 64.3 31.8 95.4

Manual Integrations
APPROVED

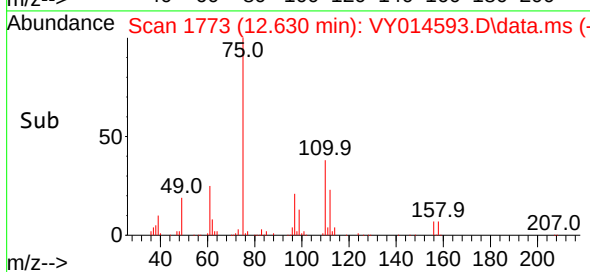
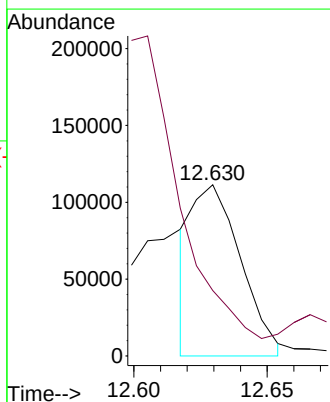
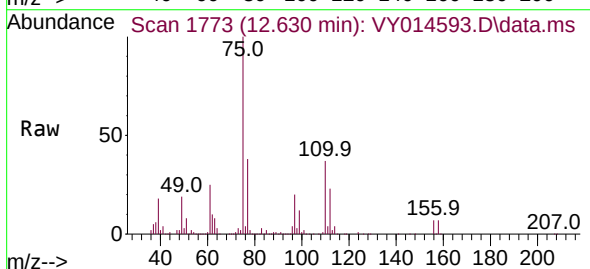
Reviewed By :John
Carlone
07/07/2023

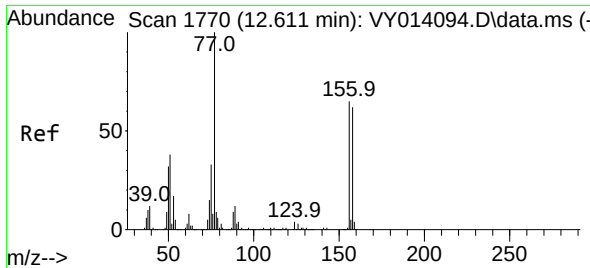
Supervised By :Mahesh
Dadoda
07/07/2023



#76
1,2,3-Trichloropropane
Concen: 48.526 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.005 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

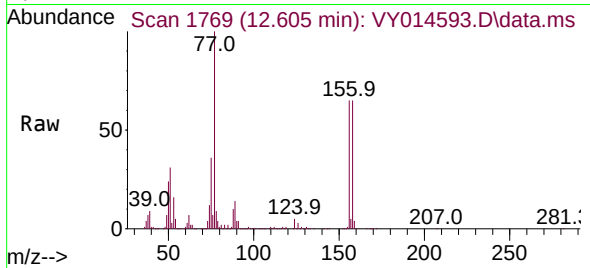
Tgt Ion: 75 Resp: 141553
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 48.177 ug/l
RT: 12.605 min Scan# 1770
Delta R.T. -0.006 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

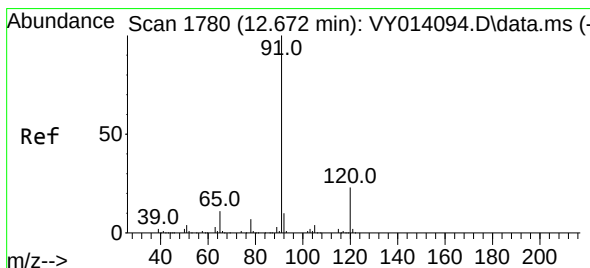
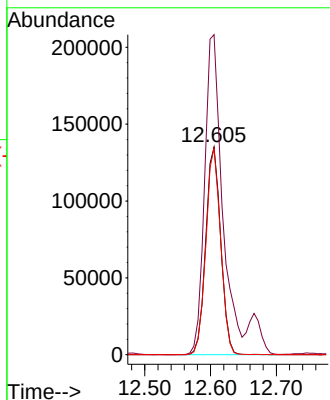
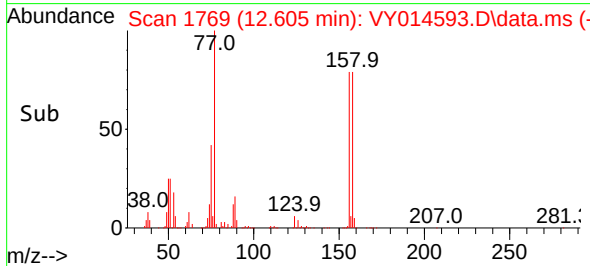


Tgt Ion:156 Resp: 214228
Ion Ratio Lower Upper
156 100
77 181.6 92.8 278.6
158 97.9 48.4 145.3

Manual Integrations
APPROVED

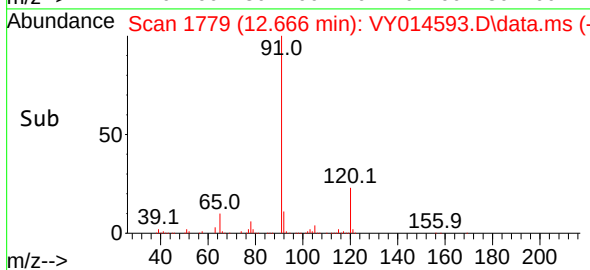
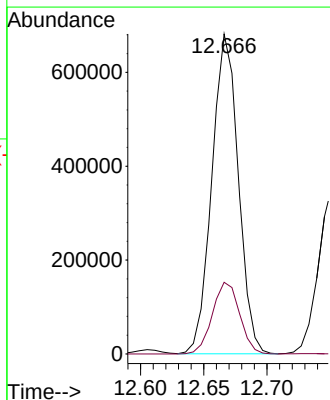
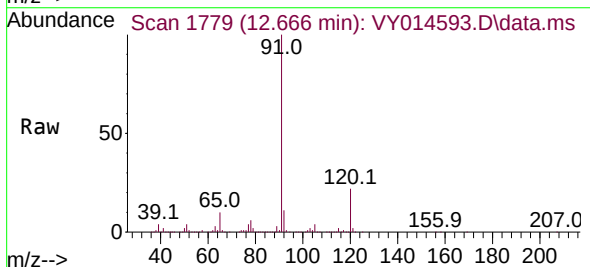
Reviewed By :John
Carlone
07/07/2023

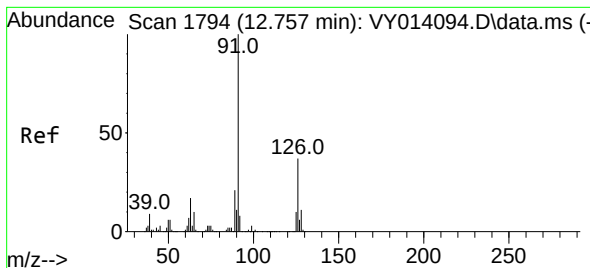
Supervised By :Mahesh
Dadoda
07/07/2023



#78
n-propylbenzene
Concen: 49.855 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Tgt Ion: 91 Resp: 990092
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.4





#79
2-Chlorotoluene
Concen: 48.968 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. -0.005 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

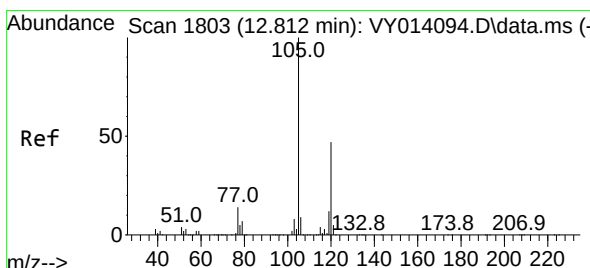
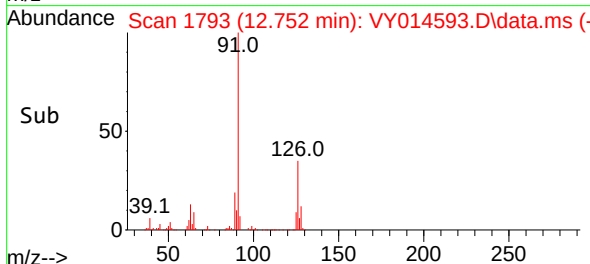
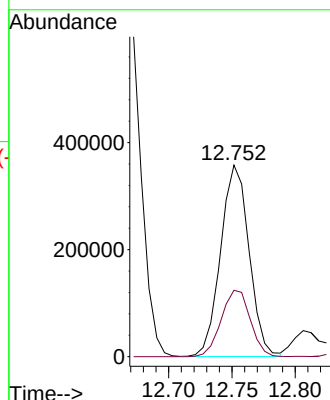
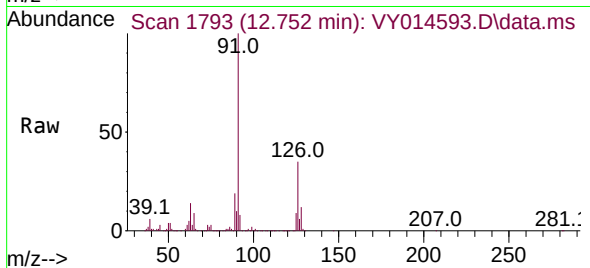
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 559659
Ion Ratio Lower Upper
91 100
126 35.4 17.3 51.7

Manual Integrations
APPROVED

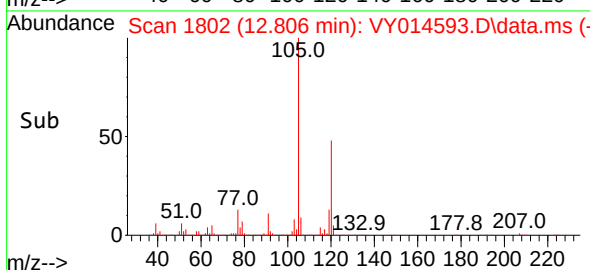
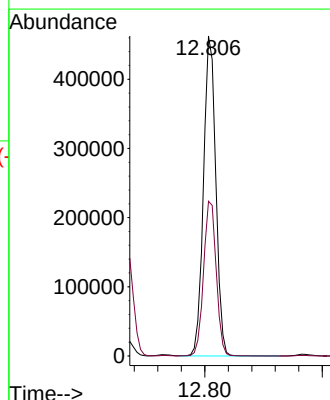
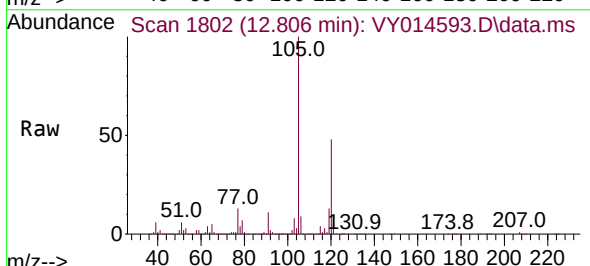
Reviewed By :John
Carlone
07/07/2023

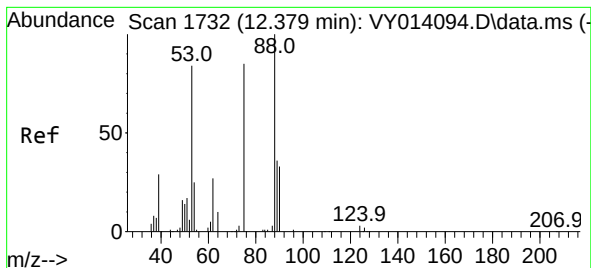
Supervised By :Mahesh
Dadoda
07/07/2023



#80
1,3,5-Trimethylbenzene
Concen: 48.918 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

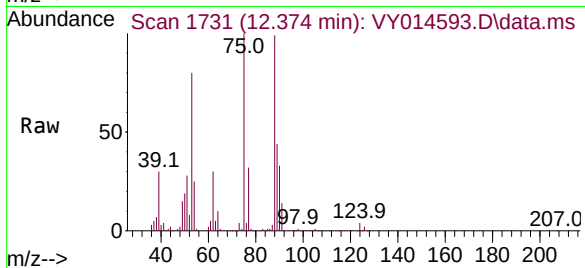
Tgt Ion:105 Resp: 674214
Ion Ratio Lower Upper
105 100
120 49.6 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 47.789 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. -0.005 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

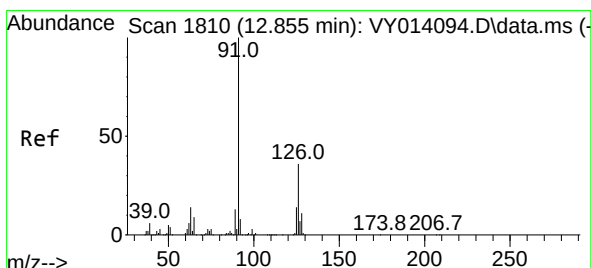
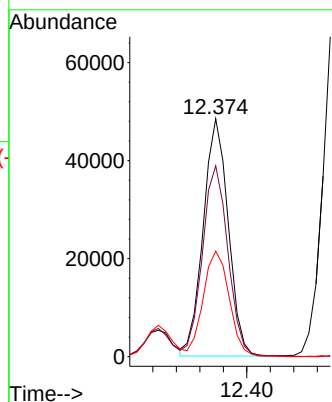
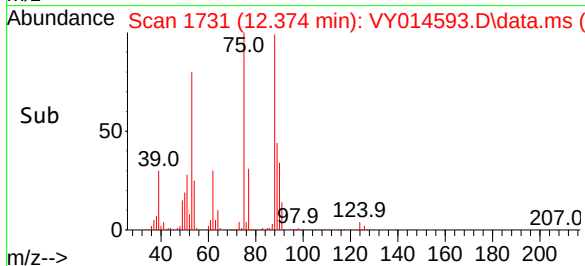


Tgt Ion: 75 Resp: 71620
Ion Ratio Lower Upper
75 100
53 81.4 77.8 116.8
89 46.1 37.4 56.0

Manual Integrations
APPROVED

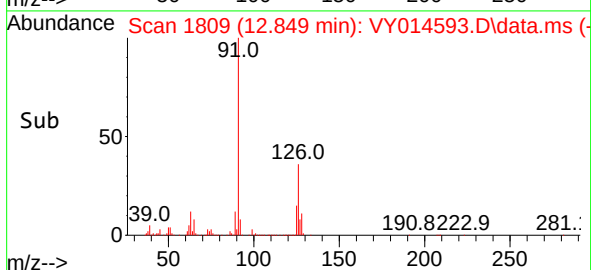
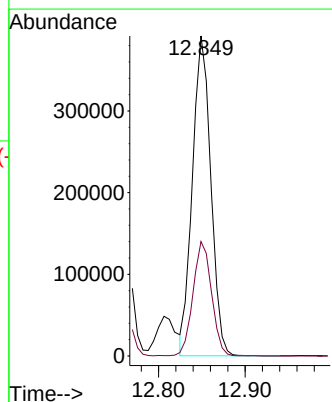
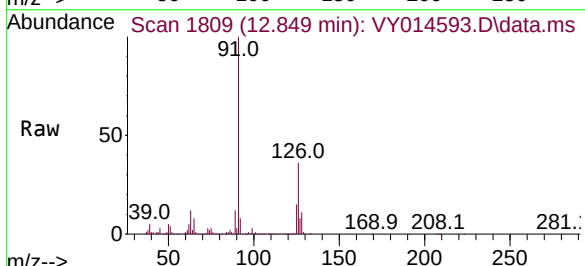
Reviewed By :John
Carlone
07/07/2023

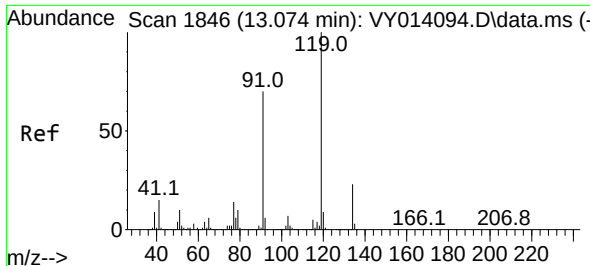
Supervised By :Mahesh
Dadoda
07/07/2023



#82
4-Chlorotoluene
Concen: 48.224 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

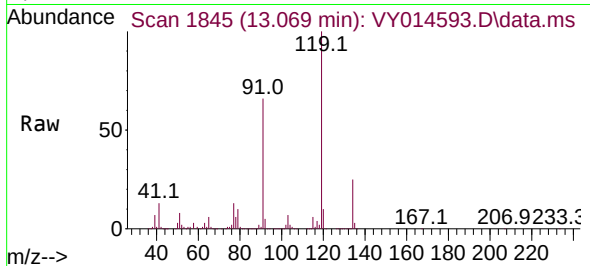
Tgt Ion: 91 Resp: 577410
Ion Ratio Lower Upper
91 100
126 36.2 17.2 51.6





#83
tert-Butylbenzene
Concen: 46.627 ug/l
RT: 13.069 min Scan# 1845
Delta R.T. -0.005 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

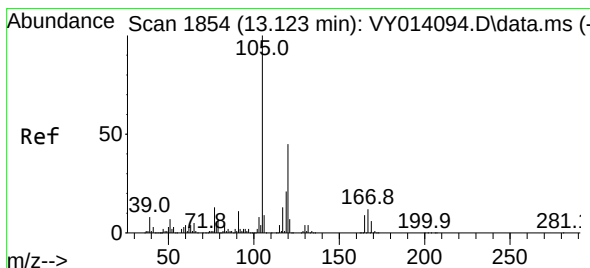
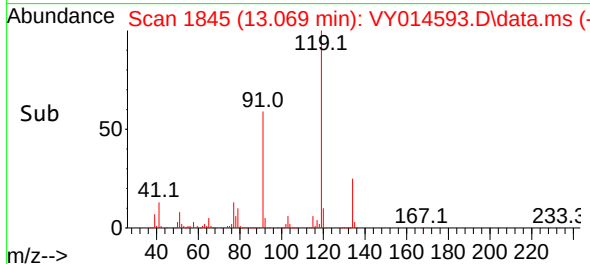
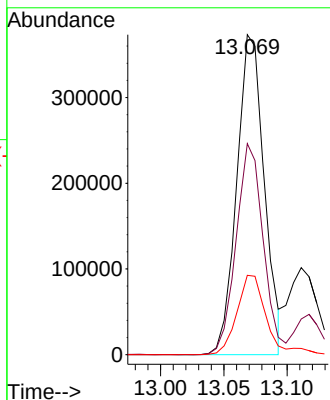


Tgt Ion:119 Resp: 564779
Ion Ratio Lower Upper
119 100
91 65.2 32.9 98.6
134 26.7 13.0 38.9

Manual Integrations
APPROVED

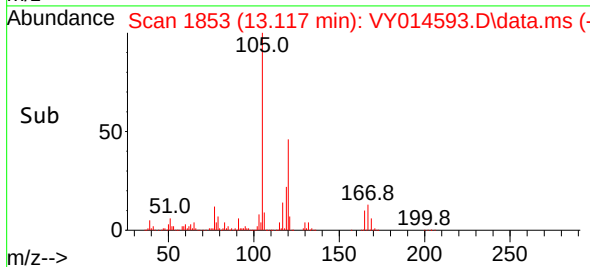
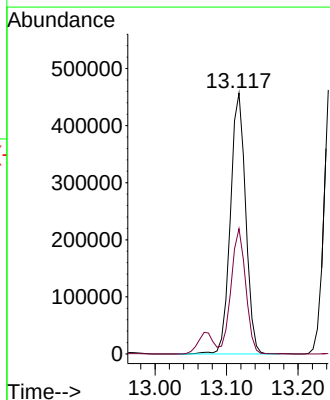
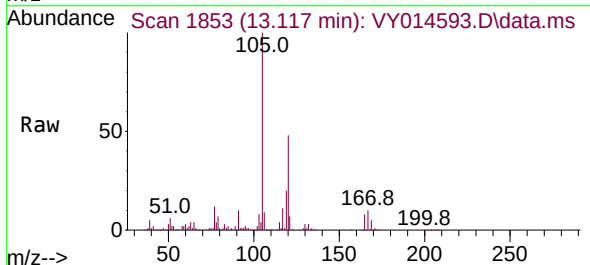
Reviewed By :John
Carlone
07/07/2023

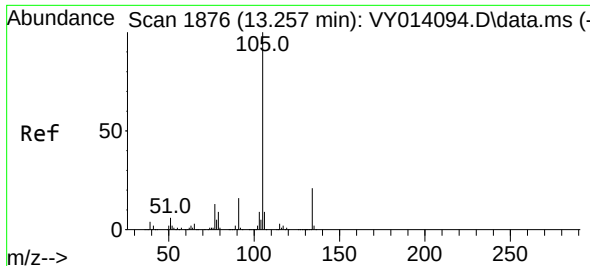
Supervised By :Mahesh
Dadoda
07/07/2023



#84
1,2,4-Trimethylbenzene
Concen: 49.086 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

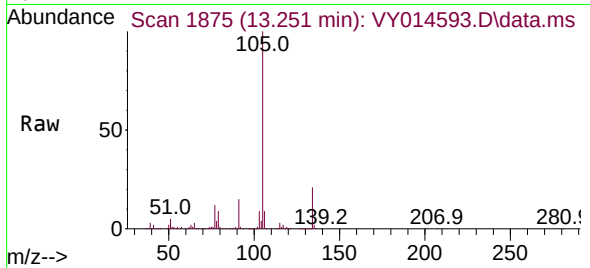
Tgt Ion:105 Resp: 675085
Ion Ratio Lower Upper
105 100
120 46.4 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 49.415 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VY014593.D
 Acq: 06 Jul 2023 17:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

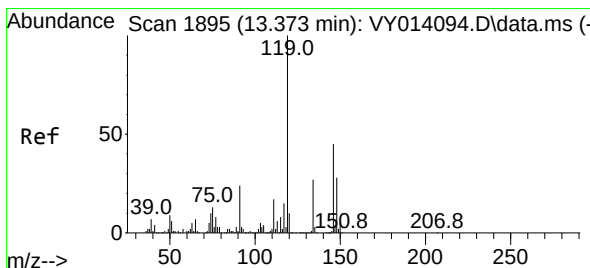
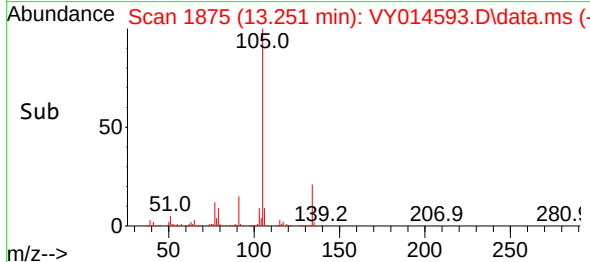
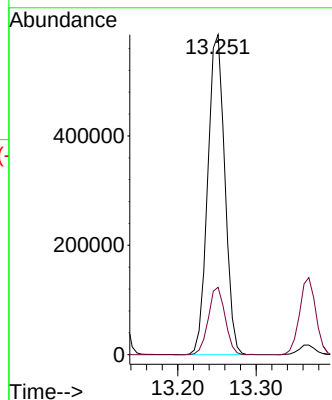


Tgt Ion:105 Resp: 883259
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.2 30.6

Manual Integrations
 APPROVED

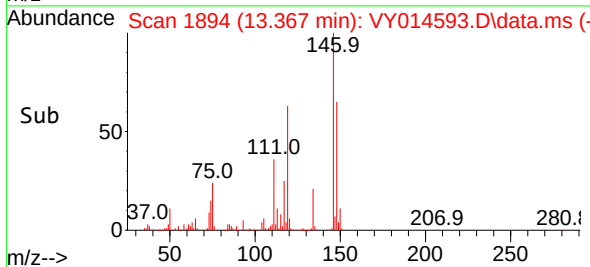
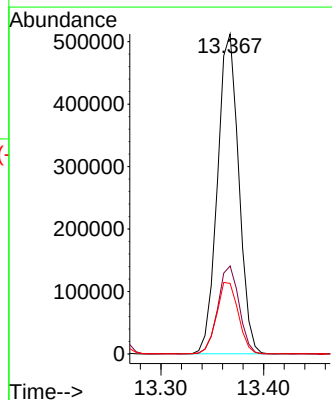
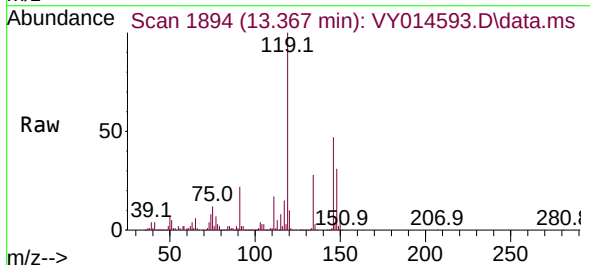
Reviewed By :John
 Carlone
 07/07/2023

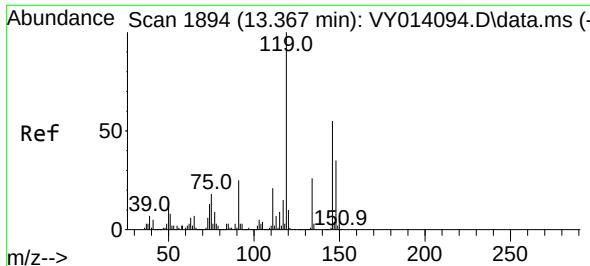
Supervised By :Mahesh
 Dadoda
 07/07/2023



#86
 p-Isopropyltoluene
 Concen: 48.885 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: VY014593.D
 Acq: 06 Jul 2023 17:07

Tgt Ion:119 Resp: 735329
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.3 39.8
 91 22.8 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 47.616 ug/l

RT: 13.361 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY014593.D

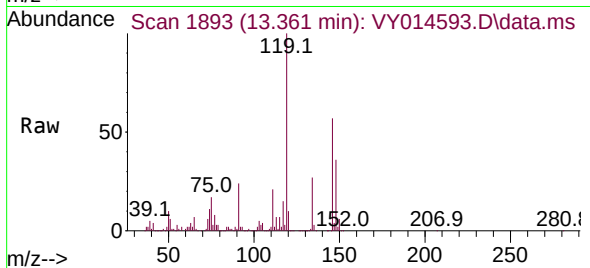
Acq: 06 Jul 2023 17:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 413980

Ion	Ratio	Lower	Upper
146	100		
111	37.1	19.4	58.2
148	63.9	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :John

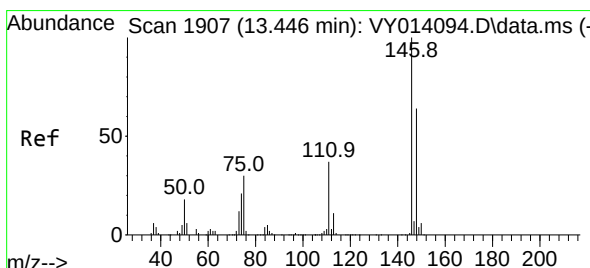
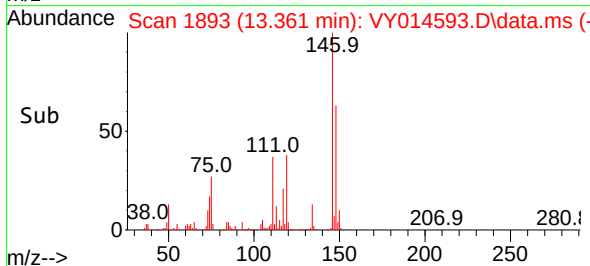
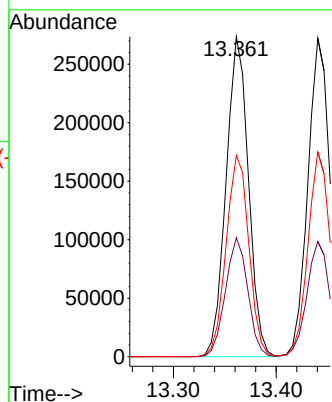
Carlone

07/07/2023

Supervised By :Mahesh

Dadoda

07/07/2023



#88

1,4-Dichlorobenzene

Concen: 46.967 ug/l

RT: 13.440 min Scan# 1906

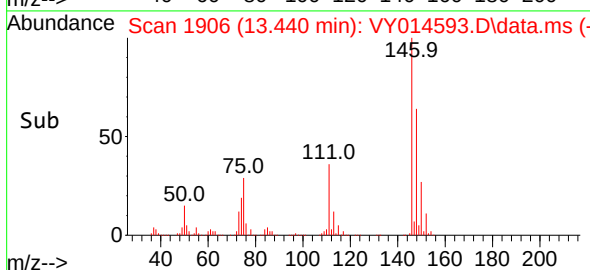
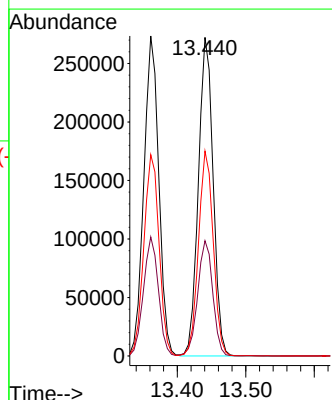
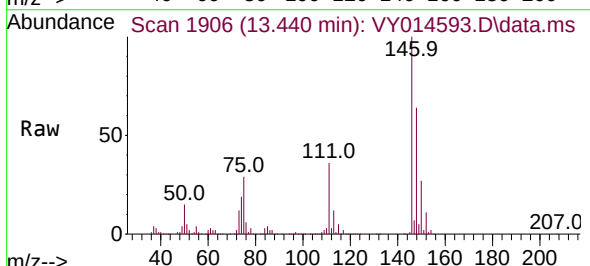
Delta R.T. -0.006 min

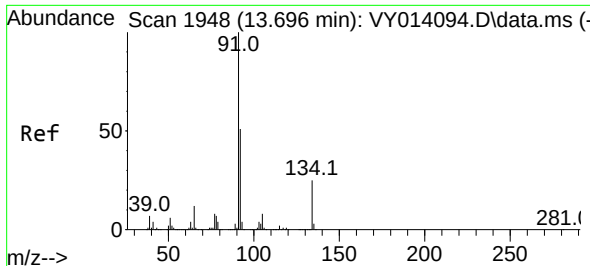
Lab File: VY014593.D

Acq: 06 Jul 2023 17:07

Tgt Ion:146 Resp: 409233

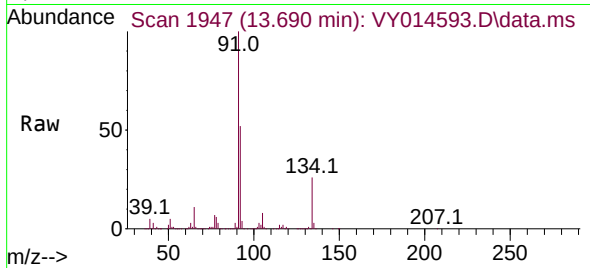
Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.9	56.7
148	64.1	32.1	96.5





#89
n-Butylbenzene
Concen: 49.777 ug/l
RT: 13.690 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

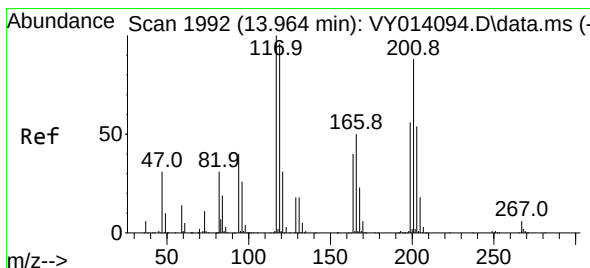
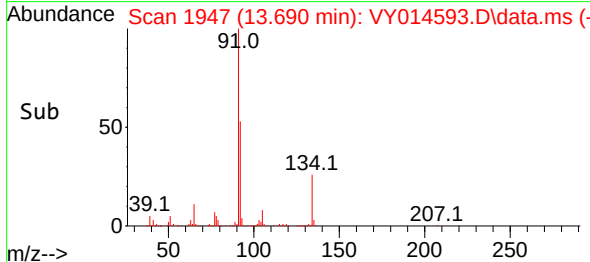
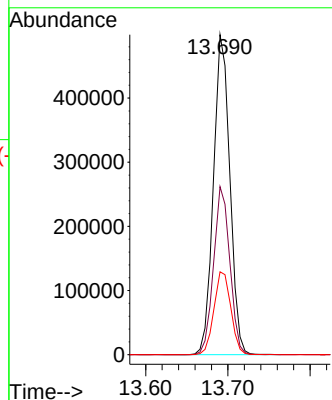


Tgt Ion: 91 Resp: 691958
Ion Ratio Lower Upper
91 100
92 52.0 25.4 76.0
134 26.7 12.6 37.6

Manual Integrations
APPROVED

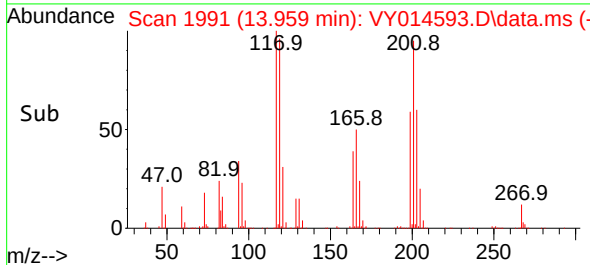
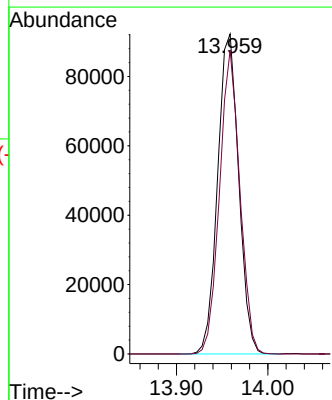
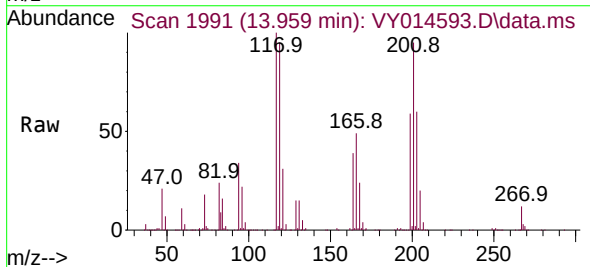
Reviewed By :John
Carlone
07/07/2023

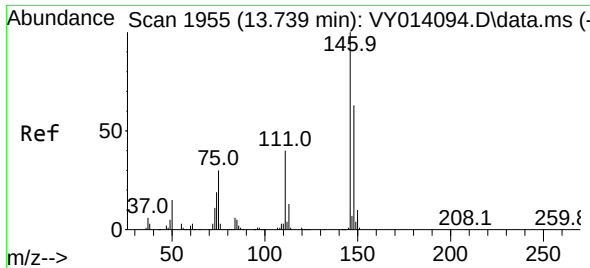
Supervised By :Mahesh
Dadoda
07/07/2023



#90
Hexachloroethane
Concen: 49.598 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.005 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

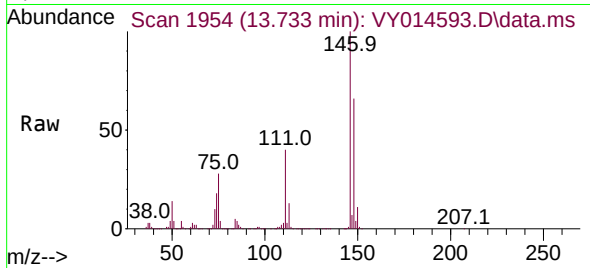
Tgt Ion:117 Resp: 147782
Ion Ratio Lower Upper
117 100
201 91.4 41.6 124.8





#91
1,2-Dichlorobenzene
Concen: 48.276 ug/l
RT: 13.733 min Scan# 1955
Delta R.T. -0.006 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

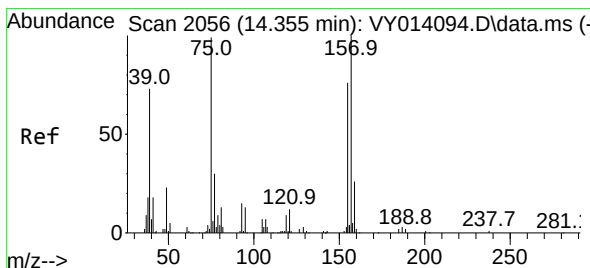
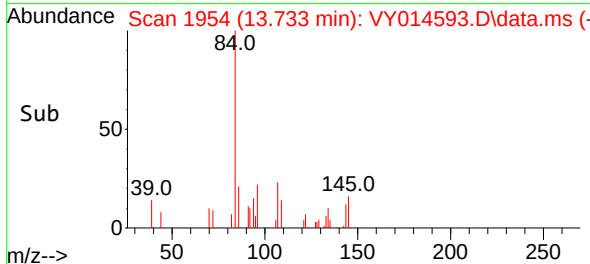
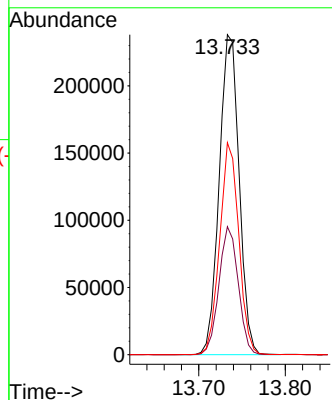


Tgt Ion:146 Resp: 38018
Ion Ratio Lower Upper
146 100
111 38.9 19.7 59.0
148 63.7 32.0 96.2

Manual Integrations
APPROVED

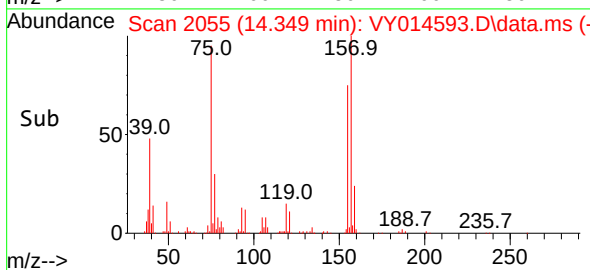
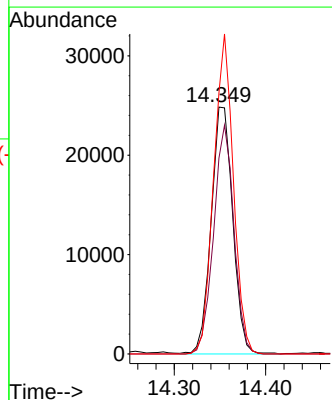
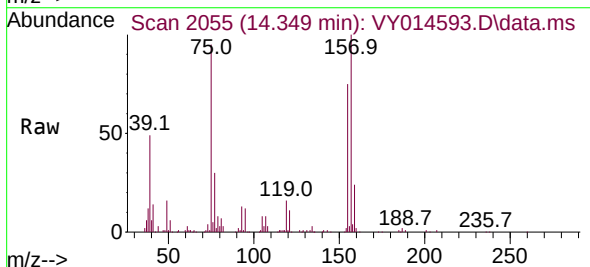
Reviewed By :John
Carlone
07/07/2023

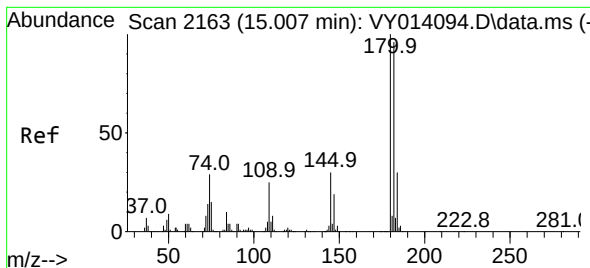
Supervised By :Mahesh
Dadoda
07/07/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.147 ug/l
RT: 14.349 min Scan# 2055
Delta R.T. -0.006 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

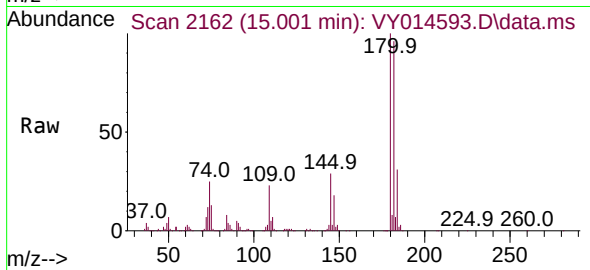
Tgt Ion: 75 Resp: 40652
Ion Ratio Lower Upper
75 100
155 87.5 41.5 124.6
157 118.2 51.8 155.5





#93
1,2,4-Trichlorobenzene
Concen: 49.104 ug/l
RT: 15.001 min Scan# 2162
Delta R.T. -0.006 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

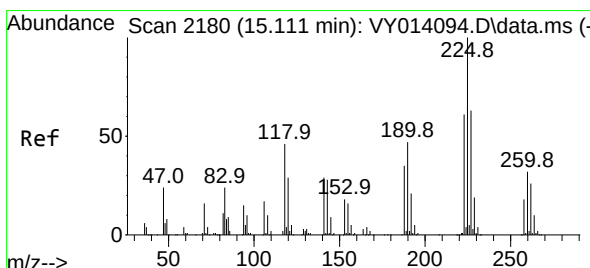
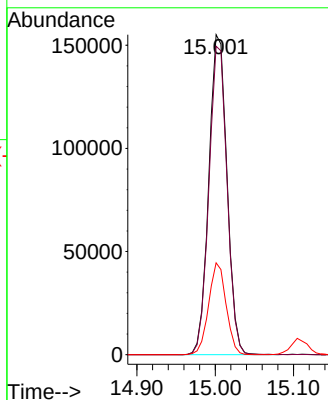
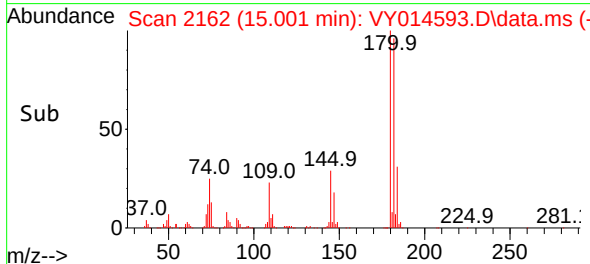


Tgt Ion:180 Resp: 24977
Ion Ratio Lower Upper
180 100
182 96.2 47.0 141.2
145 27.6 14.5 43.5

Manual Integrations
APPROVED

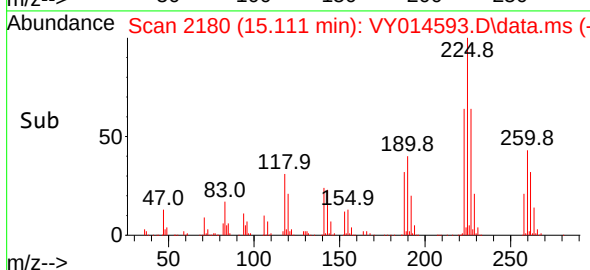
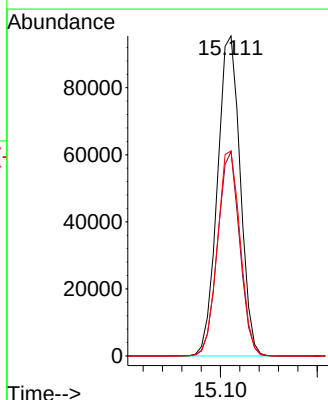
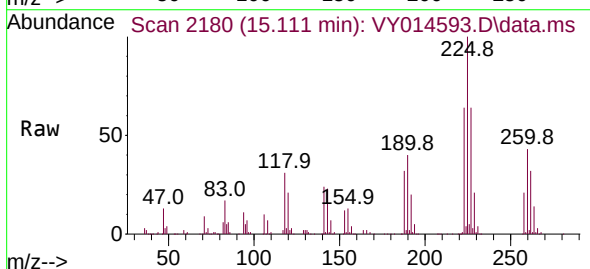
Reviewed By :John
Carlone
07/07/2023

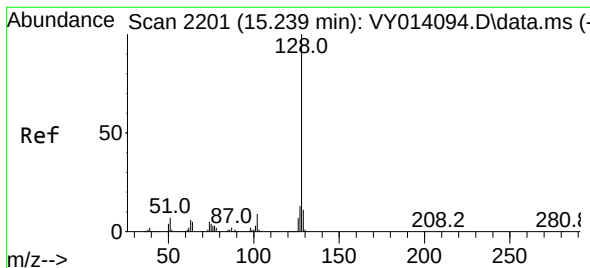
Supervised By :Mahesh
Dadoda
07/07/2023



#94
Hexachlorobutadiene
Concen: 49.855 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

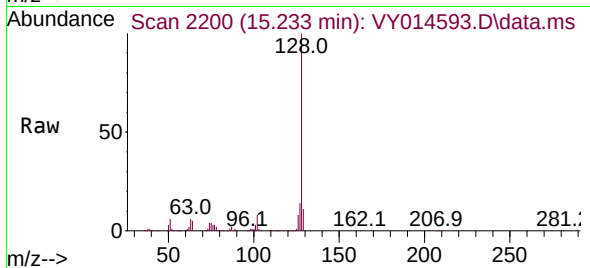
Tgt Ion:225 Resp: 155859
Ion Ratio Lower Upper
225 100
223 61.9 31.9 95.9
227 64.1 33.0 98.9





#95
Naphthalene
Concen: 50.559 ug/l
RT: 15.233 min Scan# 2201
Delta R.T. -0.006 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

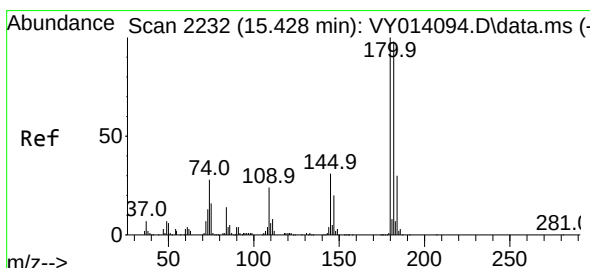
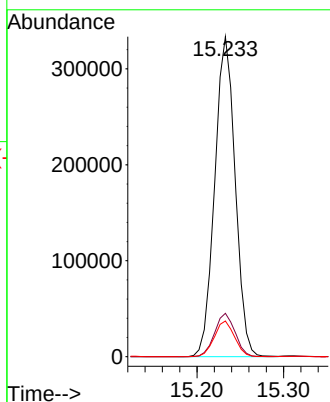
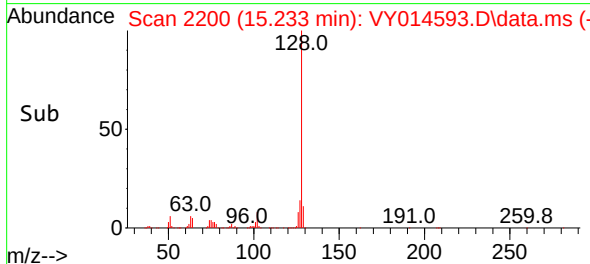


Tgt Ion:128 Resp: 547152
Ion Ratio Lower Upper
128 100
127 13.5 10.8 16.2
129 11.1 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone
07/07/2023

Supervised By :Mahesh
Dadoda
07/07/2023



#96
1,2,3-Trichlorobenzene
Concen: 50.366 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY014593.D
Acq: 06 Jul 2023 17:07

Tgt Ion:180 Resp: 233430
Ion Ratio Lower Upper
180 100
182 94.8 47.3 141.8
145 29.2 15.4 46.2

