



# Quantitation Report (Qedit)

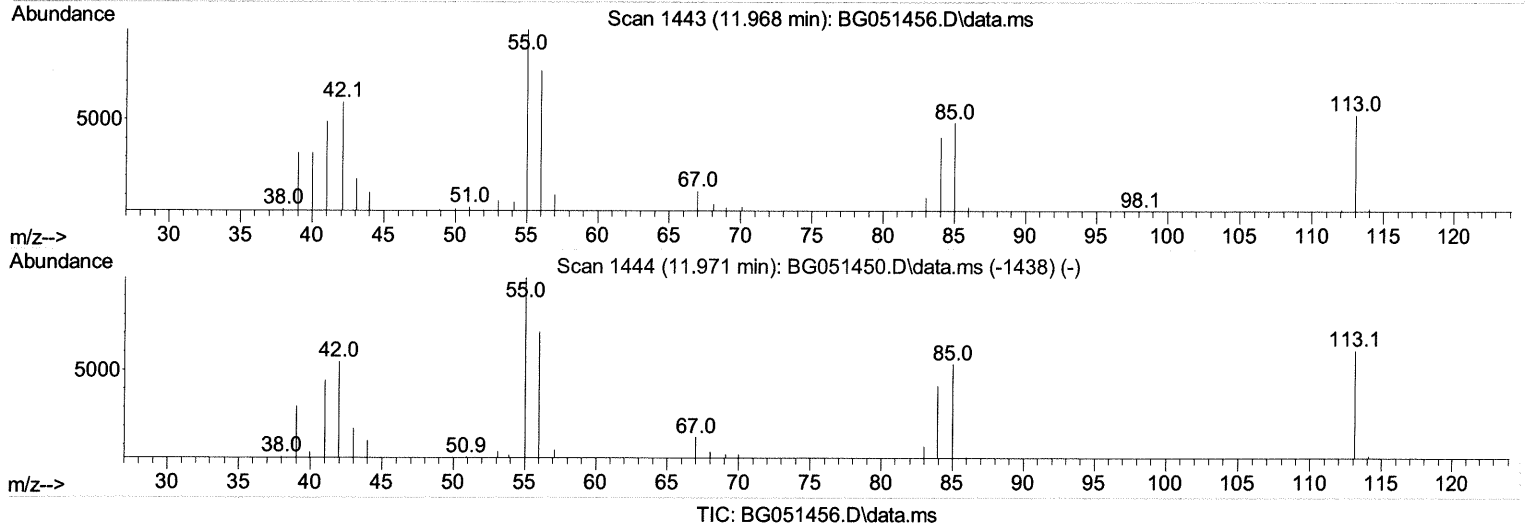
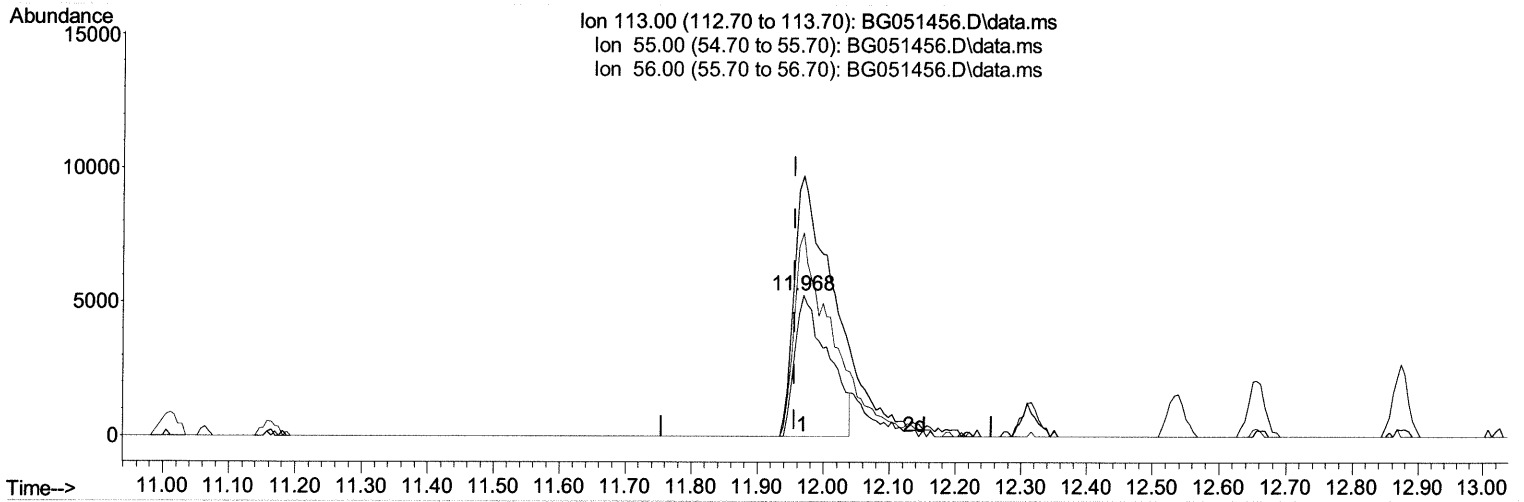
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120921\  
 Data File : BG051456.D  
 Acq On : 10 Dec 2021 14:54  
 Operator : CG/JU  
 Sample : PB141293BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SLCS293

Manual IntegrationsAPPROVED

Quant Time: Dec 11 01:29:37 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG120821.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Dec 09 03:21:41 2021  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/13/2021  
 Supervised By :Yogesh Patel 12/15/2021



## (34) Caprolactam

11.968min (+ 0.014) 24.74 ng/ul

response 18635

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	184.75
56.00	136.50	144.33
0.00	0.00	0.00

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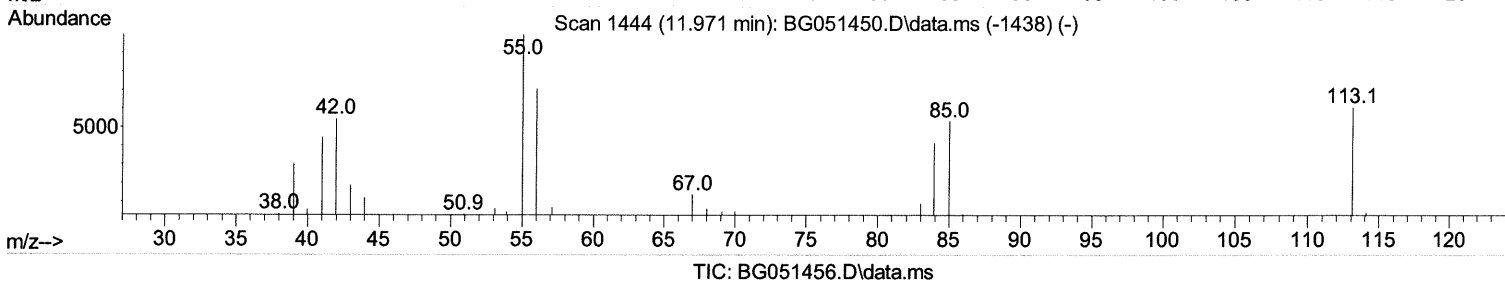
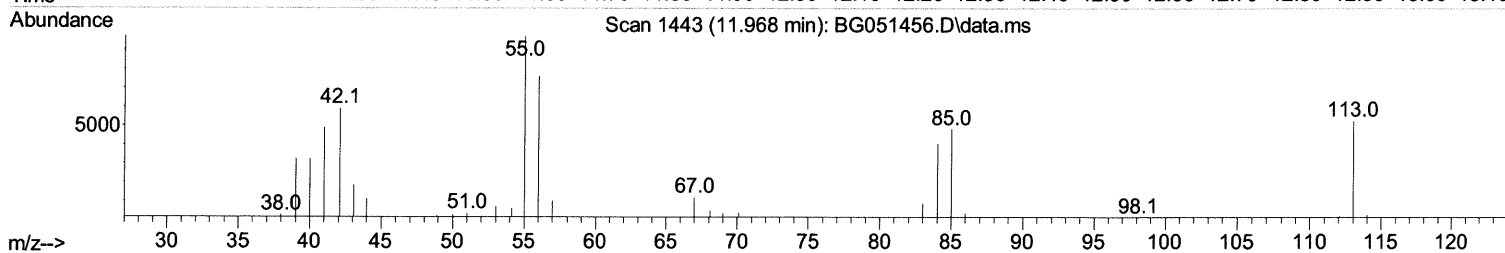
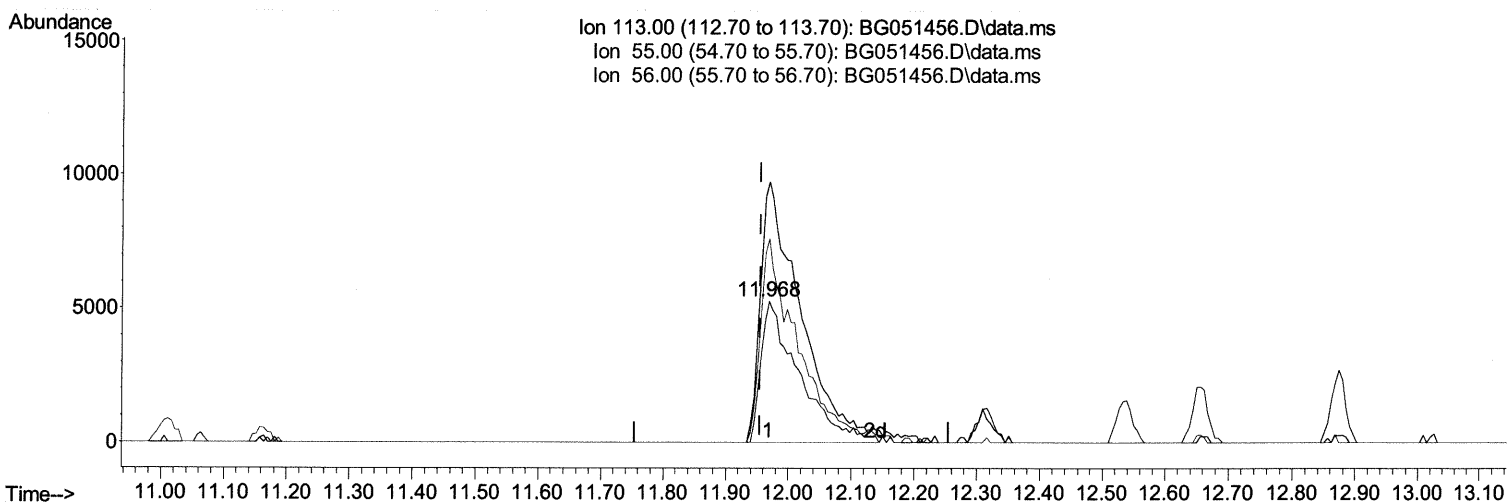
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(34) Caprolactam

11.968min (+ 0.014) 29.55 ng/ul m 12/6/21 JU

response 22261

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	184.75
56.00	136.50	144.33
0.00	0.00	0.00

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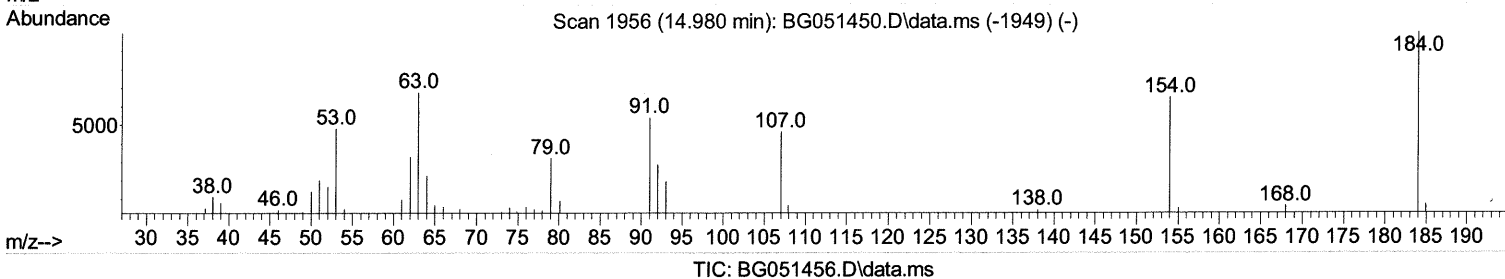
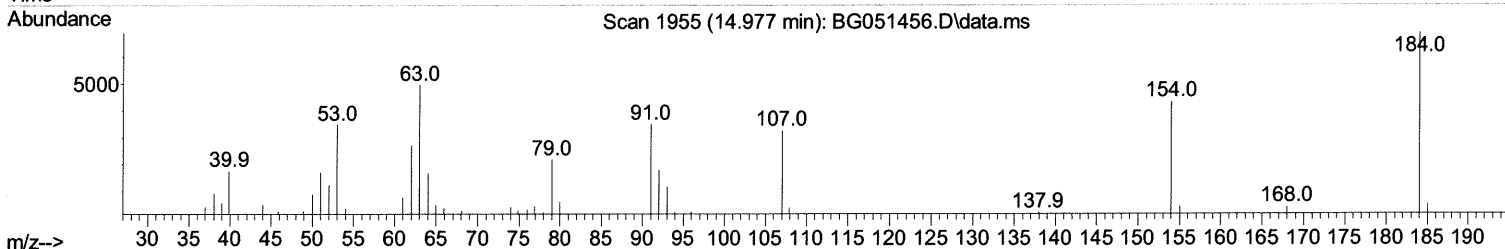
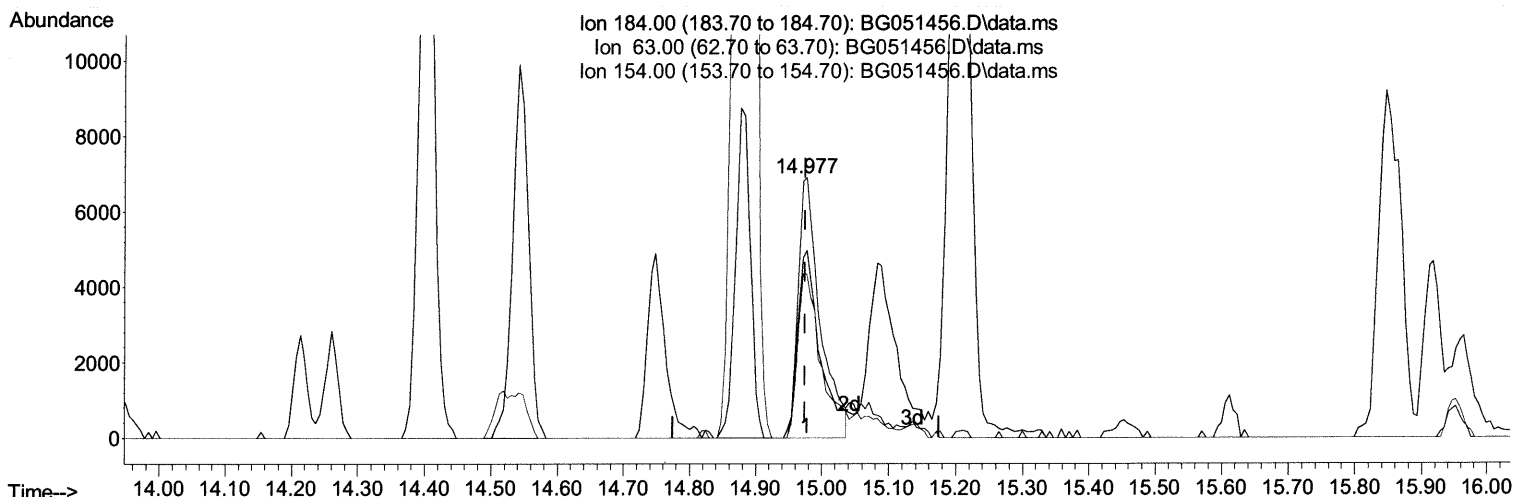
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(53) 2,4-Dinitrophenol

14.977min (+ 0.002) 24.13 ng/ul

response 15897

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	82.70	72.11
154.00	67.00	62.91
0.00	0.00	0.00

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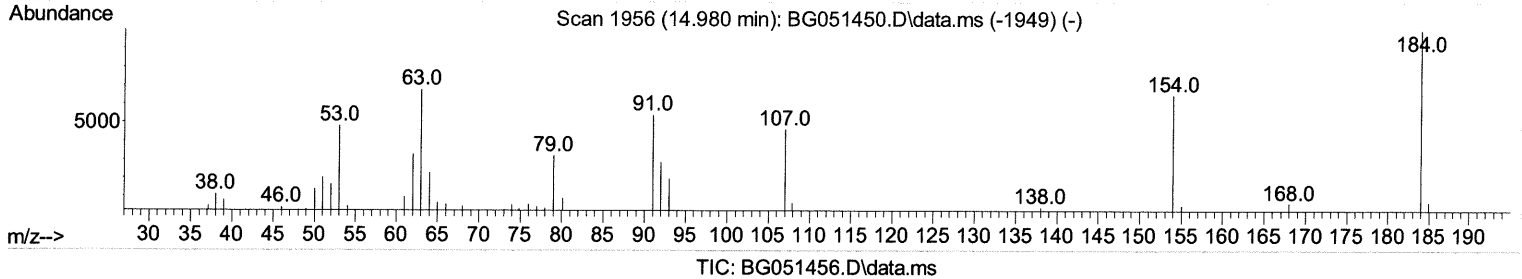
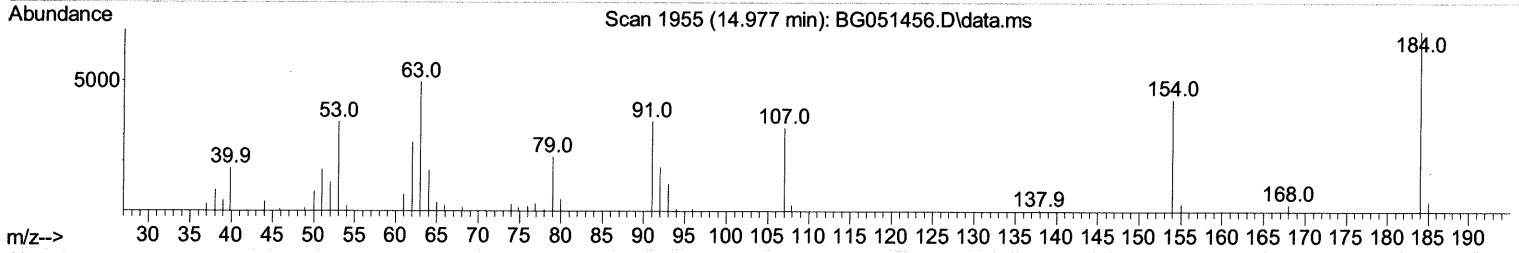
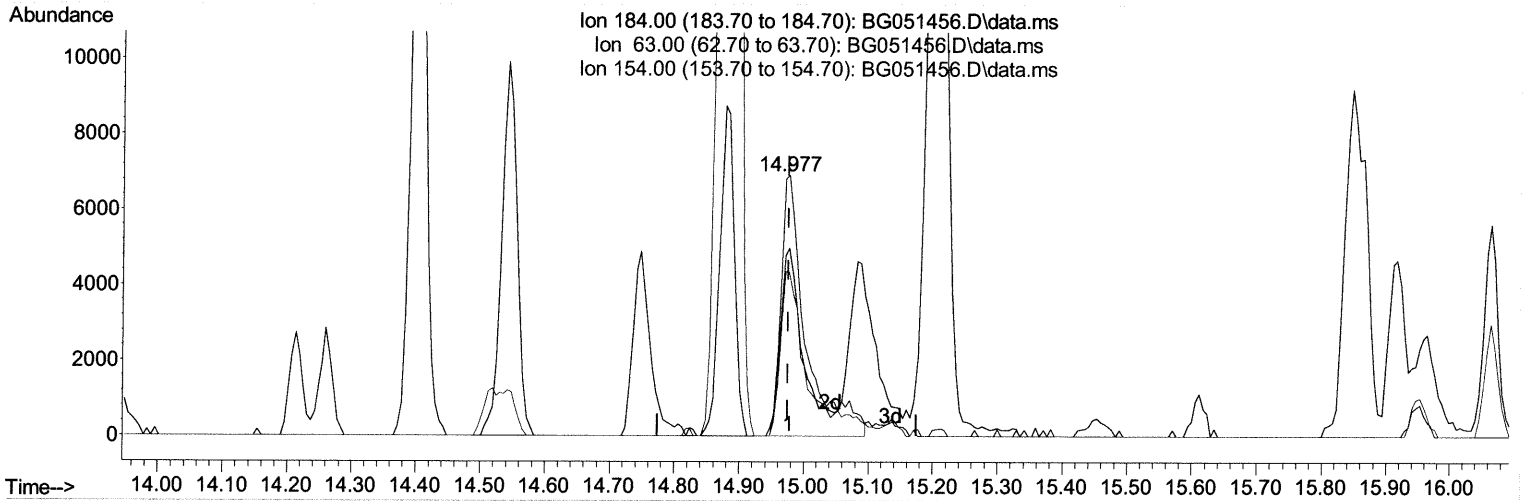
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(53) 2,4-Dinitrophenol

14.977min (+ 0.002) 27.94 ng/ul m 12/11/21 ja

response 18412

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	82.70	72.11
154.00	67.00	62.91
0.00	0.00	0.00

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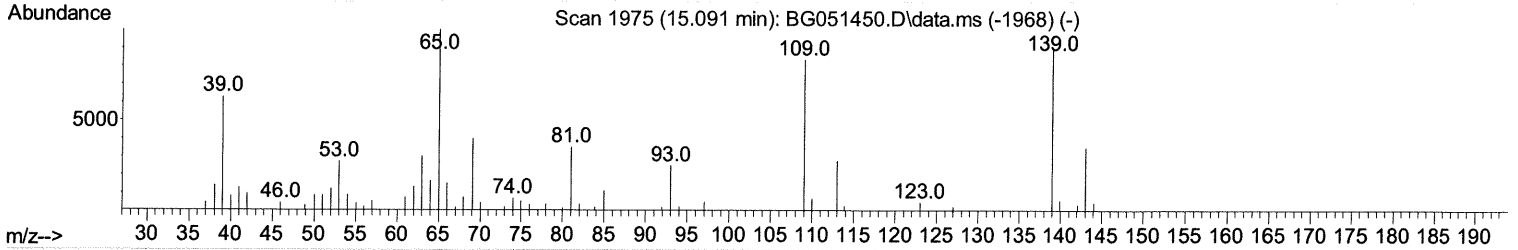
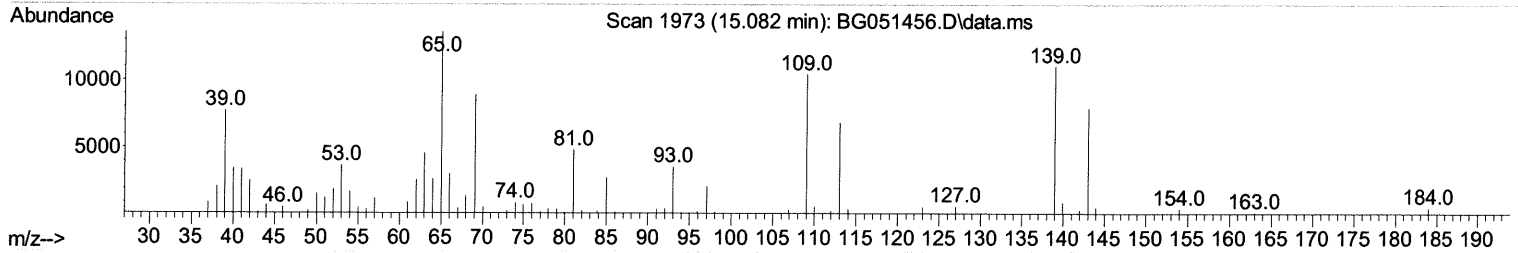
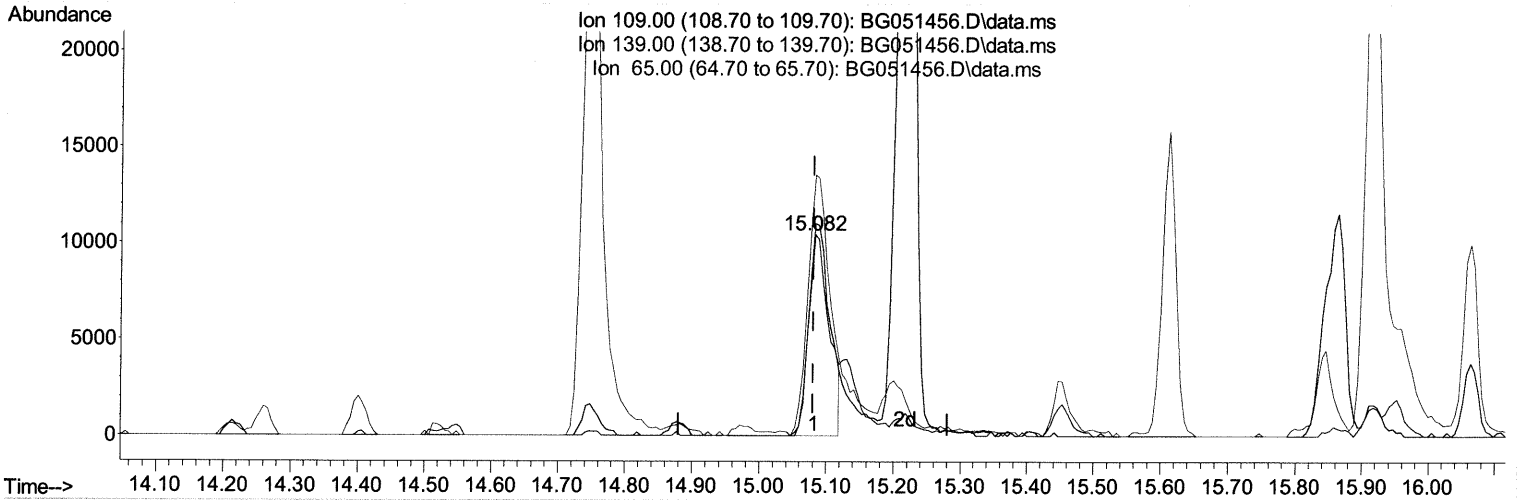
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TIC: BG051456.D\data.ms

(55) 4-Nitrophenol

15.082min (+ 0.002) 25.08 ng/ul

response 22445

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	110.90	105.49
65.00	142.00	129.54
0.00	0.00	0.00

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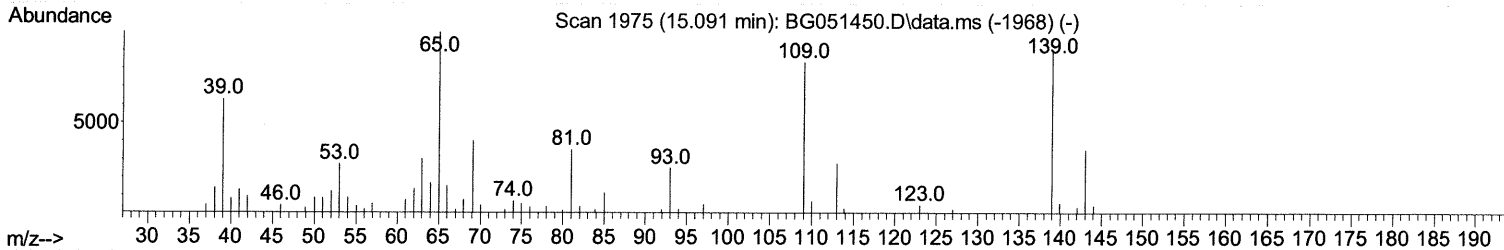
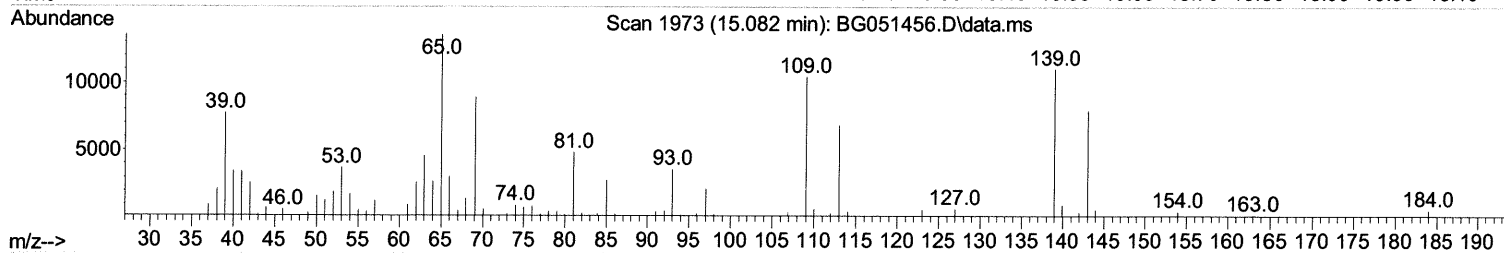
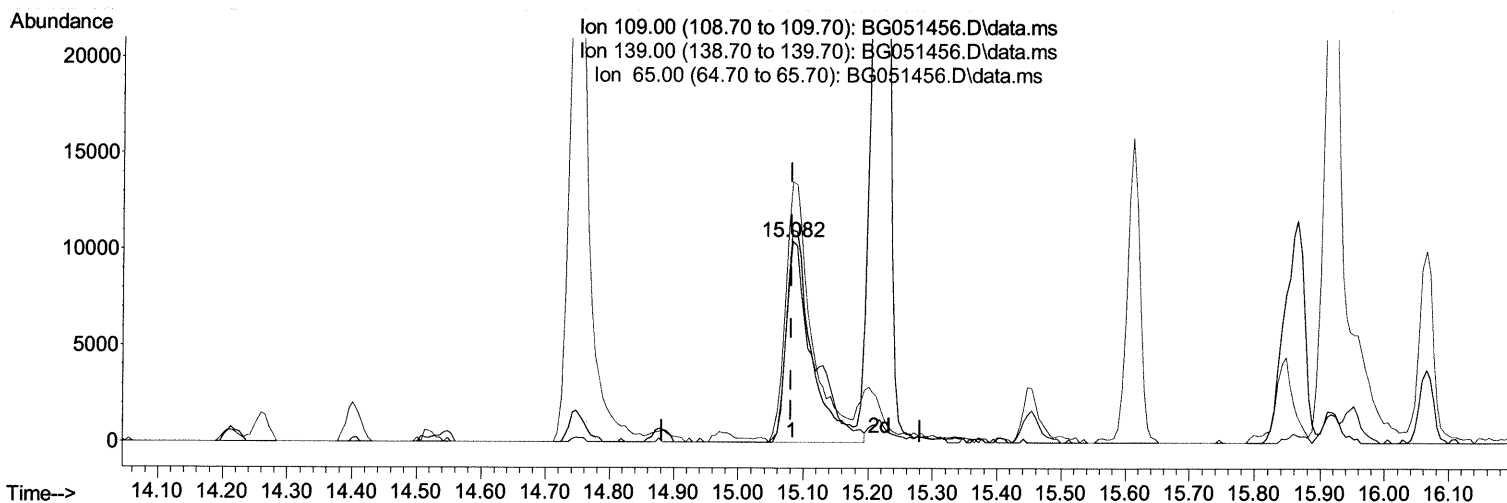
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TIC: BG051456.D\data.ms

(55) 4-Nitrophenol

15.082min (+ 0.002) 34.00 ng/ul m 12/11/21 JU

response 30425

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	110.90	105.49
65.00	142.00	129.54
0.00	0.00	0.00

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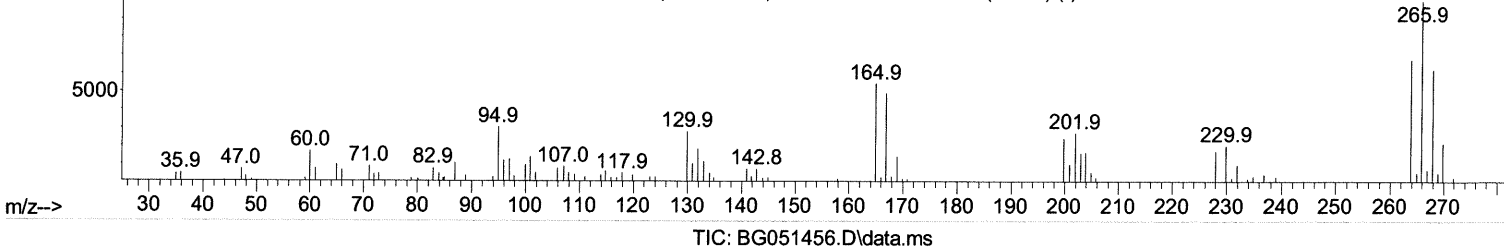
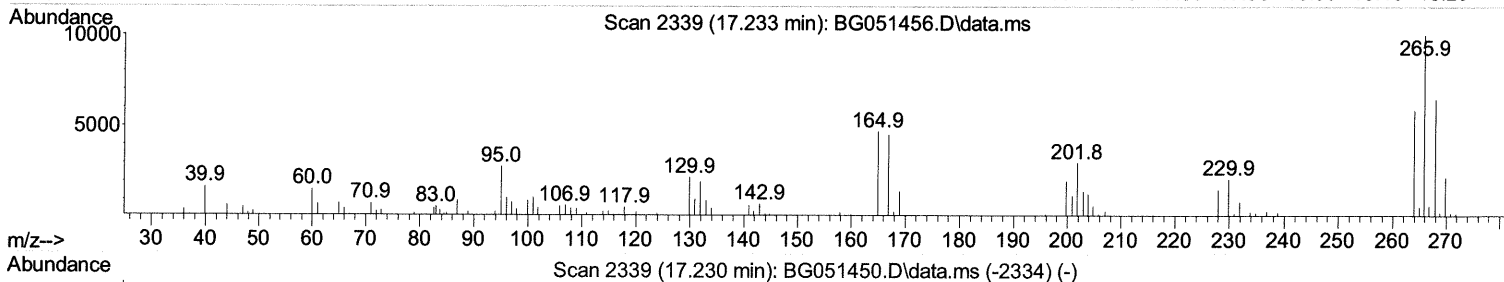
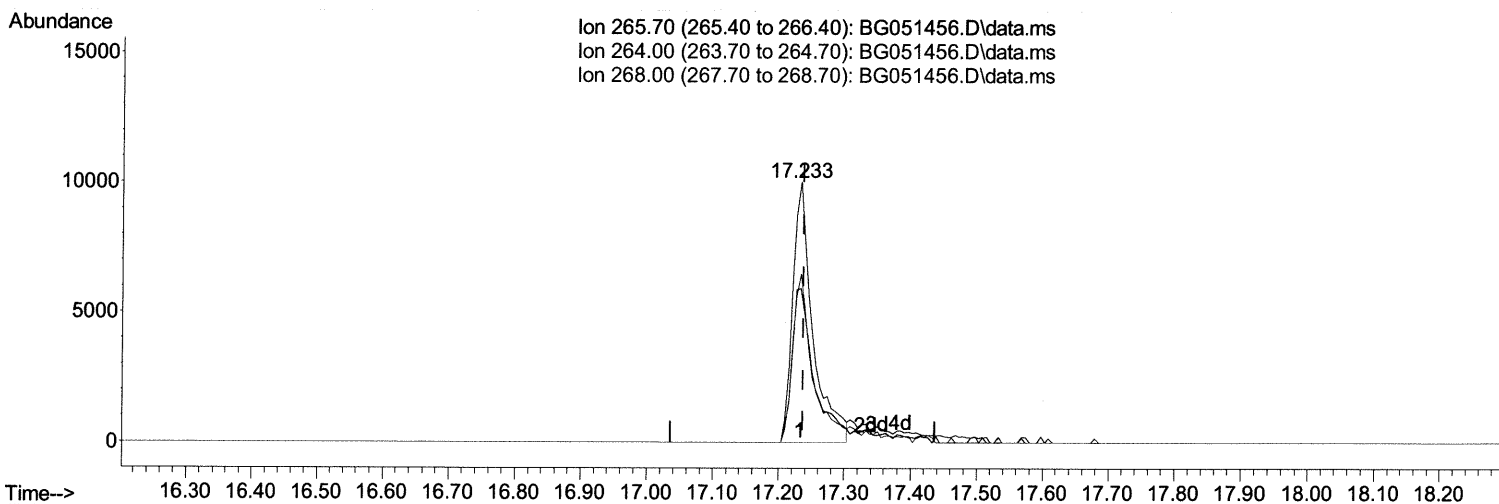
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(71) Pentachlorophenol (C)

17.233min (-0.004) 27.31 ng/u1

response 21293

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	67.90	59.11
268.00	63.80	64.81
0.00	0.00	0.00



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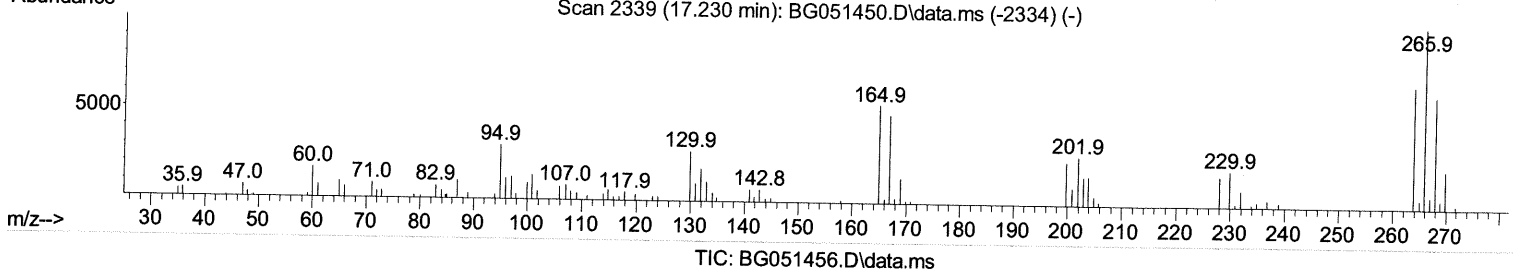
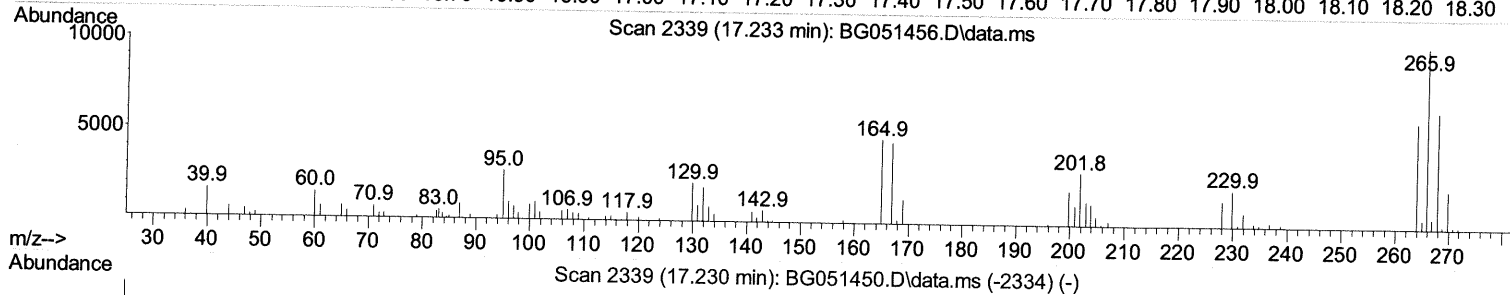
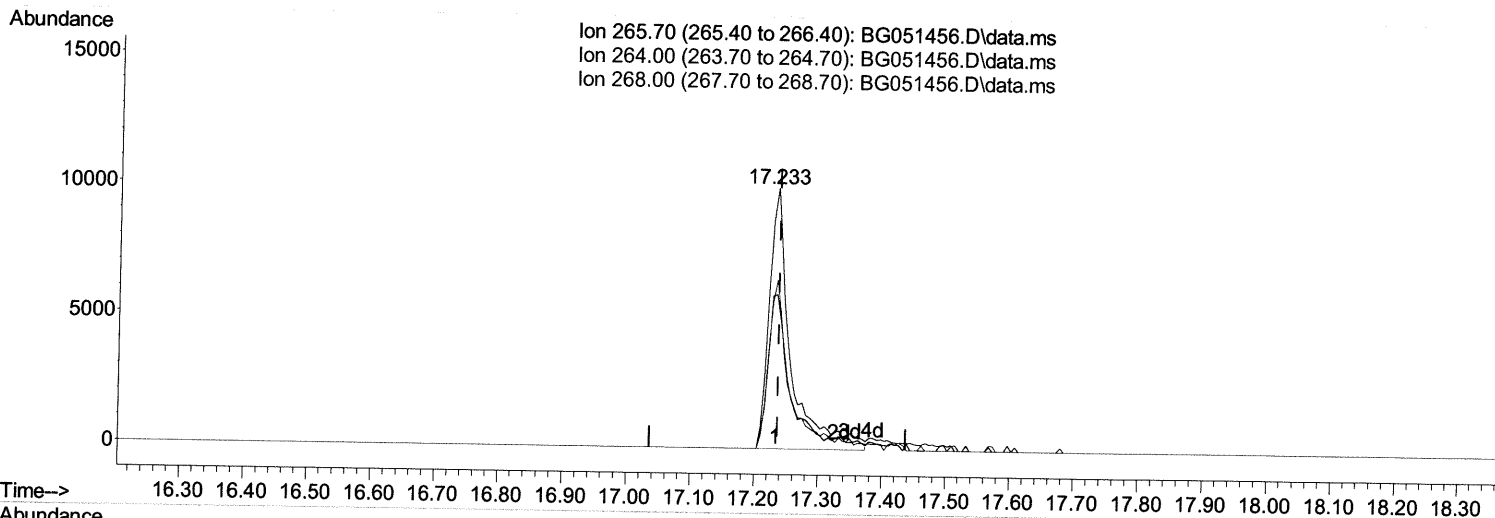
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TIC: BG051456.D\data.ms

(71) Pentachlorophenol (C)

17.233min (-0.004) 30.39 ng/ul m 12/16/21 JU

response 23695

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	67.90	59.11
268.00	63.80	64.81
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.185	152	25581	20.000	ng/ul	0.00
20) Naphthalene-d8	11.011	136	116125	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.818	164	77210	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.568	188	174985	20.000	ng/ul	0.00
79) Chrysene-d12	21.869	240	158918	20.000	ng/ul	0.00
88) Perylene-d12	25.265	264	159996	20.000	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.531	96	4650	5.969	ng/ul	0.00
4) Pyridine-d5	3.966	84	57447	25.681	ng/ul	0.00
7) Phenol-d5	7.362	99	79840	30.658	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.503	67	51081	30.587	ng/ul	0.00
11) 2-Chlorophenol-d4	7.720	132	57025	30.778	ng/ul	0.00
15) 4-Methylphenol-d8	8.913	113	62076	30.343	ng/ul	0.00
21) Nitrobenzene-d5	9.366	128	30765	30.541	ng/ul	0.00
24) 2-Nitrophenol-d4	10.094	143	34218	30.019	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.646	165	58658	31.632	ng/ul	0.00
31) 4-Chloroaniline-d4	11.163	131	73333	27.037	ng/ul	0.00
46) Dimethylphthalate-d6	14.213	166	190679	31.916	ng/ul	0.00
49) Acenaphthylene-d8	14.518	160	237762	31.422	ng/ul	0.00
54) 4-Nitrophenol-d4	15.071	143	24724	27.487	ng/ul	0.00
60) Fluorene-d10	15.805	176	172615	32.457	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.952	200	34514	33.192	ng/ul	0.00
73) Anthracene-d10	17.668	188	267804	32.709	ng/ul	0.00
81) Pyrene-d10	19.947	212	316133	33.096	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.030	264	270948	32.833	ng/ul	0.00

Target Compounds				Qvalue	
2) 1,4-Dioxane	3.567	88	9913	11.405 ng/ul#	91
5) Pyridine	3.990	79	63883	27.360 ng/ul	98
6) Benzaldehyde	7.327	77	55909	33.771 ng/ul	94
8) Phenol	7.386	94	83395	31.286 ng/ul	98
10) Bis(2-Chloroethyl)ether	7.597	93	62427	30.577 ng/ul	95
12) 2-Chlorophenol	7.756	128	57859	30.486 ng/ul	99
13) 2-Methylphenol	8.643	108	61273	30.875 ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.702	45	93910	30.568 ng/ul#	96
16) Acetophenone	9.019	105	97792	30.869 ng/ul	100
17) N-Nitroso-di-n-propyla...	8.990	70	58342	30.720 ng/ul	97
18) 4-Methylphenol	8.978	108	65735	31.531 ng/ul	98
19) Hexachloroethane	9.266	117	24785	30.202 ng/ul	97
22) Nitrobenzene	9.413	77	84545	30.849 ng/ul	98
23) Isophorone	9.930	82	160830	30.567 ng/ul	100
25) 2-Nitrophenol	10.124	139	35130	30.777 ng/ul	99
26) 2,4-Dimethylphenol	10.182	107	73379	30.357 ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.406	93	87251	30.619 ng/ul	96
29) 2,4-Dichlorophenol	10.676	162	56444	31.045 ng/ul	92
30) Naphthalene	11.064	128	195091	30.593 ng/ul	99
32) 4-Chloroaniline	11.187	127	73187	26.824 ng/ul	99
33) Hexachlorobutadiene	11.322	225	36867	29.728 ng/ul	98
34) Caprolactam	11.968	113	22261m	29.548 ng/ul	> 12/16/2024
35) 4-Chloro-3-methylphenol	12.309	107	70719	31.314 ng/ul	97

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36) 2-Methylnaphthalene	12.656	142		132013	31.043	ng/ul	99
37) 1-Methylnaphthalene	12.873	142		133680	30.540	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.020	216		75808	31.532	ng/ul	100
40) Hexachlorocyclopentadiene	12.979	237		36229	28.458	ng/ul	98
41) 2,4,6-Trichlorophenol	13.273	196		49988	32.187	ng/ul	93
42) 2,4,5-Trichlorophenol	13.361	196		54623	32.853	ng/ul	96
43) 1,1'-Biphenyl	13.649	154		181159	31.384	ng/ul	98
44) 2-Chloronaphthalene	13.702	162		143437	31.671	ng/ul	99
45) 2-Nitroaniline	13.925	65		54567	31.876	ng/ul	94
47) Dimethylphthalate	14.260	163		189307	31.440	ng/ul	100
48) 2,6-Dinitrotoluene	14.401	165		40867	32.074	ng/ul	97
50) Acenaphthylene	14.548	152		229848	30.784	ng/ul	99
51) 3-Nitroaniline	14.748	138		38779	31.605	ng/ul	95
52) Acenaphthene	14.883	153		155095	31.659	ng/ul	96
53) 2,4-Dinitrophenol	14.977	184		18412m	27.942	ng/ul	> 12/16/21 JU
55) 4-Nitrophenol	15.082	109		30425m	34.001	ng/ul	>
56) Dibenzofuran	15.218	168		218510	31.460	ng/ul	99
57) 2,4-Dinitrotoluene	15.200	165		58579	32.164	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.453	232		43101	34.213	ng/ul#	98
59) Diethylphthalate	15.611	149		202557	31.170	ng/ul	99
61) Fluorene	15.864	166		176239	31.332	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.846	204		92864	31.447	ng/ul	96
63) 4-Nitroaniline	15.917	138		38053	34.937	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.964	198		32977	32.619	ng/ul	94
67) N-Nitrosodiphenylamine	16.064	169		157969	32.384	ng/ul	98
68) 4-Bromophenyl-phenylether	16.739	248		58054	32.857	ng/ul	95
69) Hexachlorobenzene	16.869	284		59359	32.960	ng/ul	98
70) Atrazine	17.010	200		65675	31.203	ng/ul	98
71) Pentachlorophenol	17.233	266		23695m	30.391	ng/ul	> 12/16/21 JU
72) Phenanthrene	17.615	178		307599	32.626	ng/ul	99
74) Anthracene	17.703	178		308174	32.653	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.625	216		79204	32.369	ng/uL	94
76) Pentachlorobenzene	15.135	250		69498	31.371	ng/uL	97
77) Carbazole	17.979	167		282176	33.588	ng/ul	99
78) Di-n-butylphthalate	18.496	149		363622	32.283	ng/ul	99
80) Fluoranthene	19.612	202		387235	32.926	ng/ul	98
82) Pyrene	19.977	202		377938	32.746	ng/ul	98
83) Butylbenzylphthalate	20.834	149		161610	32.106	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.757	252		96859	28.862	ng/ul	98
85) Benzo(a)anthracene	21.851	228		348601	33.207	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.698	149		228149	32.631	ng/ul	99
87) Chrysene	21.916	228		330143	32.983	ng/ul	99
89) Di-n-octyl phthalate	22.956	149		389544	33.106	ng/ul	100
90) Benzo(b)fluoranthene	24.178	252		340894	32.436	ng/ul	99
91) Benzo(k)fluoranthene	24.248	252		324528	33.155	ng/ul	98
93) Benzo(a)pyrene	25.106	252		328690	32.836	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.201	276		338621	30.481	ng/ul	99
95) Dibenzo(a,h)anthracene	29.236	278		288401	30.796	ng/ul	98
96) Benzo(g,h,i)perylene	30.423	276		285589	30.740	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed